# PREFACE

In the time since the first transistors were made available, the total number of types has increased tremendously. Many of these transistors are no longer on the market; many were produced with no type numbers and others by manufacturers no longer producing transistors. When these types are encountered in older equipment, it is usually difficult, if not impossible, to locate transistor specifications. There is one redeeming factor in all of this confusion: in most cases a transistor can be chosen to replace one of these obsolete types by estimating voltage, current, wattage, and frequency response and then selecting a transistor from the types available.

This manual contains three principal sections designed to provide a maximum of information about the transistor: a specifications section, a lead identification section, and an outlines section. The specifications section is composed of the electrical data that will be required for most applications. These are voltage, power, current, and temperature limits that should not be exceeded, as well as polarity, leakage, gain, and frequency parameters that determine how the transistor will function in the circuit. The manufacturers of the transistor are listed to provide a market-source for the units and to act as a guide to obtain further information. Reference numbers are supplied in this section to key the transistor type to the associated Lead and Terminal Identification section and to the Transistor Outlines section.

This edition has a special listing of specifications for rf power transistors. In addition to other information, the design parameters for rf operation are given: $G_{pe}$, $P_{OUT}$, frequency, $V_{CC}$, and efficiency. Type numbers are included in the main specifications section with a note referring you to this special section. A Key to Manufacturers is provided following this special listing as well as the main specifications listing.

The Lead and Terminal Identification section supplies the physical arrangement of the leads and identifies each as to whether it is collector, emitter, or base. The outlines section contains drawings of the physical shape and includes all pertinent physical dimensions. This section is of considerable help in determining whether a transistor will fit into a desired physical area.

An interesting aspect of transistors is the wide range of physical sizes. Transistor sizes range from pinhead to golf-ball dimensions, and the wattage and current ratings do not always reflect this size. For example, there are transistors in TO-46 cases (0.23 inch in diameter, 0.09 inch high) that are rated at 5 watts. This, of course, assumes that the temperature of the case will be maintained at 25°C by means of a suitable heat sink. Among the types with higher ratings (up to 150 watts) are those in TO-82 cases (1.28 inches in diameter by 0.55 inch high).

For additional information about a particular section of this manual, refer to the introduction at the beginning of each section. Page numbers are listed on the Contents page.

In this specifications manual we have attempted to supply the essential electrical and physical data needed by anyone working with transistors.

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| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff $I_{CBO}$ @ $V_{CB}$ | Gain $h_{FE}$ @ $I_C$(A) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | | | |

+ See Below

- = Obsolete

N = NPN P = PNP
G = Germanium
S = Silicon

Numbers = Lead and Terminal Identification Page 153

If no JEDEC is shown, dimensions are found in Transistor Outlines Page 138, using numbers plus the letter.

TO numbers refer to Registered Transistor Outlines Page 98.

Key to Manufacturers Page 160
M.P.-2N224 = a matched pair of 2N224's
SEE 2N = Cross reference from an obsolete type to one with equal or higher specifications

Typical value of current gain for common emitter configuration at current shown.

Current between collector and base with the emitter open, at voltage shown.

MA = milliamperes
UA = microamperes
NA = nanoamperes

Frequency in megahertz. Transistor will operate at this frequency or higher.

Conditions:

B = $f_{ab}$ (common base cutoff frequency)
E = $f_{ae}$ (common emitter cutoff frequency)
G = $f_t$ (gain-bandwidth product)
F = $f_{osc}$ (maximum frequency of oscillation)

Abbreviations when type of service is indicated:

AM IF = IF Amplifier in AM Radio
AUD = Audio
CON = Converter
FM IF = IF Amplifier in FM Radio
HF = High Frequency
HOR AMP = Horizontal Amplifier
HS = High Speed
LS = Low to Medium Speed
MS = Medium Speed
RF AMP = RF Amplifier
SW = Switch
UHF OSC = UHF Oscillator
VID = Video
VID AMP = Video Amplifier

Maximum operating temperature (°C)
Conditions:
A = Ambient
C = Case
J = Junction

Maximum voltages that cannot be exceeded without permanent damage to the transistor.

$V_{CB}$ = Collector-to-base voltage with emitter open

$V_{CE}$ = Collector-to-emitter voltage (base open, if no subscript indicated)

R = Resistor between emitter and base
S = Short between emitter and base
X = B-E junction forward biased

$V_{EB}$ = Emitter-to-base reverse voltage with collector open

Maximum power that can be dissipated at 25° C ambient for low-power types (A) 25° case temperature for high-power types (C), or at elevated case temperature (H).

Maximum continuous collector current.

+ Type with same number but slightly different specifications (usually case style).

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff $I_{CBO}$ @ $V_{CB}$ | | Gain $h_{FE}$ @ $I_C$(A) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) Cond. | | | | | | |
| - | 2A | PG 1 A | | CLE | 50 | | 50.0 | .008 | .120 | A | 50A | AUD | | 2MA | 40 | 3 | |
| | 2B | SEE 2N52 | | | | | | | | | | | | | | | |
| - | 2C | PG 1 A | | CLE | 50 | | 50.0 | .008 | .120 | A | 50A | 2.000 | B | 1MA | 15 | 3 | |
| - | 2D | PG 1 A | | CLE | 50 | | 50.0 | .008 | .120 | A | 50A | 2.000 | B | 1MA | 40 | 3 | |
| - | 2E | PG 1 A | | CLE | 50 | | 50.0 | .008 | .120 | A | 50A | AUD | | 1MA | 40 | 3 | |
| - | 2F | PG 1 A | | CLE | 50 | | 50.0 | .008 | .120 | A | 50A | 5.000 | B | 1MA | 15 | 3 | |
| - | 2G | PG 1 A | | CLE | 50 | | 50.0 | .008 | .120 | A | 50A | 10.000 | B | 1MA | 15 | 3 | |
| | 2N34 | PG 210 | 5 | ETC | 40 | 25R | | .100 | .150 | A | 75J | .500 | B | 50UA | 40 | 56 | .001 |
| - | 2N34+ | PG 10 | 22 | RCA | 40 | 25 | | .100 | .150 | A | 75J | .400 | G | 50UA | 40 | 75 | |
| | 2N34A | PG 210 | 5 | ETC | 40 | 25R | | .100 | .150 | A | 75J | .600 | B | 100UA | 40 | 66 | .001 |
| | 2N35 | NG 210 | 5 | ETC | 40 | 25R | | .100 | .150 | A | 85J | 1.000 | B | 50UA | 40 | 56 | .001 |
| - | 2N35+ | NG 10 | 22 | SYL | 40 | 25R | 10.0 | .100 | .180 | A | 85J | .200 | G | 50UA | 40 | 70 | |
| | 2N36 | PG 210 | 5 | ETC | 20 | 20 | | .008 | .050 | A | 75J | AUD | | 10UA | 20 | 50 | .001 |
| - | 2N36+ | PG 10 E | | CBS | 20 | | | .008 | .050 | A | 50A | AUD | | | | 44 | |
| | 2N37 | PG 210 | 5 | ETC | 20 | 20 | | .008 | .050 | A | 75J | AUD | | 10UA | 20 | 30 | |
| | 2N38 | PG 210 | 5 | ETC | 20 | 20 | | .008 | .050 | A | 50J | AUD | | 10UA | 20 | 20 | .001 |
| - | 2N38+ | PG 10 E | | CBS | 20 | | | .008 | .050 | A | 50A | AUD | | | | 16 | |
| | 2N43 | PG 210 | 5 | ETC | 45 | 30R | 5.0 | .300 | .240 | A | 85J | 1.300 | B | 16UA | 45 | 40 | .020 |
| | 2N43+ | PG 57 B | | GEC | 45 | 30 | 5.0 | .300 | .500 | A | 85J | .500 | G | 16UA | 45 | 44 | |
| | 2N43A | PG 210 | 5 | ETC | 45 | 30R | 5.0 | .300 | .240 | A | 85J | 1.300 | B | 16UA | 45 | 40 | .020 |
| | 2N43A+ | PG 57 B | | GEC | 45 | 30R | 5.0 | .300 | .240 | A | 85J | 1.300 | B | 16UA | 45 | 40 | .020 |
| | 2N44 | PG 210 | 5 | ETC | 45 | 30R | 5.0 | .300 | .240 | A | 85J | 1.000 | B | 16UA | 45 | 30 | .020 |
| | 2N44+ | PG 57 B | | GEC | 45 | 30 | 5.0 | .300 | .150 | A | 85J | .500 | B | 16UA | 45 | 30 | |
| | 2N44A | PG 210 | 5 | ETC | 45 | 30R | 5.0 | .300 | .240 | A | 85J | 1.000 | B | 15UA | 45 | 30 | .020 |
| | 2N45 | PG 210 | 5 | ETC | 45 | 30 | 5.0 | .010 | .150 | A | 85J | 1.000 | B | 15UA | 45 | 16 | .001 |
| - | 2N45+ | PG 57 B | | GEC | 45 | | | .050 | .150 | A | 100J | .500 | B | 15UA | 15 | 15 | |
| | 2N45A | PG 210 | 5 | ETC | 45 | | 5.0 | .010 | .150 | A | 85J | 1.000 | B | 15UA | 45 | 22 | .001 |
| - | 2N52 | PG 1 A | | CLE | 50 | | 50.0 | .008 | .120 | A | 50A | 2.000 | B | 2MA | 40 | 3 | |
| | 2N59 | PG 210 | 5 | ETC | 25 | 20 | 10.0 | .200 | .180 | A | 85J | .900 | B | 15UA | 20 | 90 | |
| | 2N59A | PG 210 | 5 | ETC | 40 | 20 | 10.0 | .200 | .180 | A | 85J | 1.800 | B | 15UA | 20 | 90 | |
| | 2N59B | PG 210 | 5 | ETC | 50 | 20 | 10.0 | .200 | .180 | A | 85J | 1.800 | B | 15UA | 20 | 90 | |
| | 2N59C | PG 210 | 5 | ETC | 60 | 20 | 10.0 | .200 | .180 | A | 85J | 1.800 | B | 15UA | 20 | 90 | |
| | 2N60 | PG 210 | 5 | ETC | 25 | 20 | 10.0 | .200 | .180 | A | 85J | 1.500 | B | 15UA | 20 | 70 | |
| | 2N60A | PG 210 | 5 | ETC | 40 | 20 | 10.0 | .200 | .180 | A | 85J | 1.500 | B | 15UA | 20 | 70 | |
| | 2N60B | PG 210 | 5 | ETC | 50 | 20 | 10.0 | .200 | .180 | A | 85J | 1.500 | B | 15UA | 20 | 70 | |
| | 2N60C | PG 210 | 5 | ETC | 60 | 20 | 10.0 | .200 | .180 | A | 85J | 1.500 | B | 15UA | 20 | 70 | |
| | 2N61 | PG 210 | 5 | ETC | 25 | 20 | 10.0 | .200 | .180 | A | 85J | 1.000 | B | 15UA | 20 | 50 | |
| | 2N61A | PG 210 | 5 | ETC | 40 | 20 | 10.0 | .200 | .180 | A | 85J | 1.000 | B | 15UA | 20 | 50 | |
| | 2N61B | PG 210 | 5 | ETC | 50 | 20 | 10.0 | .200 | .180 | A | 85J | 1.000 | B | 15UA | 20 | 50 | |
| | 2N61C | PG 210 | 5 | ETC | 60 | 20 | 10.0 | .200 | .180 | A | 85J | 1.000 | B | 15UA | 20 | 50 | |
| | 2N63 | PG 210 | 5 | ETC | 25 | | 6.0 | .020 | .125 | A | 85J | .500 | B | 6UA | 6 | 22 | .001 |
| - | 2N63+ | PG 10 A | | RAY | 22 | | | .010 | .100 | A | 85A | .600 | B | 6UA | 6 | 22 | |
| | 2N64 | PG 210 | 5 | ETC | 25 | | 6.0 | .020 | .125 | A | 85J | .700 | B | 6UA | 6 | 50 | .001 |
| - | 2N64+ | PG 10 A | | RAY | 15 | | | .010 | .100 | A | 85A | .800 | B | 6UA | 6 | 44 | |
| | 2N65 | PG 210 | 5 | ETC | 25 | | 6.0 | .020 | .125 | A | 85J | 1.200 | B | 6UA | 6 | 90 | .001 |
| - | 2N65+ | PG 10 A | | RAY | 12 | | | .010 | .100 | A | 85A | 1.200 | B | 6UA | 6 | 90 | |
| - | 2N68 | PG 148 A | | SYL | 30 | 15 | | 1.500 | 4.000 | C | 75J | | | 5MA | 15 | 40 | |
| | 2N68/13 | PG 430 | 13 | KSC | 30 | 15 | | 3.000 | 20.000 | C | 100J | .010 | E | | | 22 | .500 |
| - | 2N76 | PG 57 B | | GEC | 20 | | | .010 | .070 | A | 60J | .500 | B | 10UA | 5 | 30 | |
| | 2N77 | PG 210 | 5 | ETC | 30 | | 6.0 | .035 | .085 | | 85J | .350 | B | 10UA | 12 | 60 | |
| | 2N78 | NG 210 | 5 | ETC | 15 | 15 | 5.0 | .020 | .065 | A | 85J | 5.000 | B | 3UA | 15 | 90 | .001 |
| | 2N78+ | NG 12 A | | GEC | 15 | 15 | 5.0 | .020 | .065 | A | 85J | 5.000 | B | 3UA | 15 | 90 | |
| | 2N78A | NG 210 | 5 | ETC | 20 | 20 | 5.0 | .020 | .065 | A | 85J | 5.000 | B | 3UA | 15 | 90 | .001 |
| | 2N78A+ | NG 12 B | | GEC | 20 | 20 | 5.0 | .020 | .065 | A | 85J | 5.000 | B | 3UA | 15 | 90 | |
| | 2N83 | PG 117 A | | TEC | 66 | 60 | 12.0 | 2.000 | 10.000 | C | 85J | .350 | B | 100UA | 25 | 18 | |
| | 2N83A | PG 117 A | | TEC | 66 | 60 | 12.0 | 3.000 | 10.000 | C | 85J | .400 | B | 85UA | 25 | 18 | |
| | 2N84 | PG 117 A | | TEC | 50 | 45 | 12.0 | 2.000 | 10.000 | C | 85J | .400 | B | 110UA | 25 | 20 | |
| | 2N84A | PG 117 A | | TEC | 50 | 45 | 12.0 | 3.000 | 10.000 | C | 85J | .400 | B | 95UA | 25 | 20 | |
| | 2N94 | NG 210 | 5 | ETC | 20 | 20R | 5.0 | .100 | .150 | A | 75J | 2.000 | B | 10UA | 20 | 10 | .001 |
| - | 2N94+ | NG 10 | 22 | SYL | 20 | 20R | 5.0 | .100 | .150 | A | 85J | 2.000 | B | | | 50 | |
| | 2N94A | NG 210 | 5 | ETC | 20 | 20R | 5.0 | .100 | .150 | A | 75J | 5.000 | B | 3UA | 10 | 38 | .001 |
| - | 2N94A+ | NG 10 | 22 | SYL | 20 | 20R | 5.0 | .100 | .150 | A | 85J | 5.000 | B | | | 50 | |
| - | 2N95 | NG 148 A | | SYL | 30 | 15 | | 1.500 | 4.000 | C | 75J | | | 5MA | 15 | 40 | |
| | 2N97 | NG 210 | 5 | ETC | 30 | 30 | 2.5 | .010 | .050 | A | 75J | .500 | B | 10UA | 5 | 14 | |
| | 2N98 | NG 210 | 5 | ETC | 40 | 20 | 2.5 | .010 | .050 | A | 75J | .800 | B | 10UA | 5 | 40 | |
| | 2N99 | NG 210 | 5 | ETC | 40 | 20 | 5.5 | .010 | .050 | A | 75J | 2.000 | B | 10UA | 5 | 40 | |
| - | 2N101 | PG 148 B | | SYL | 30 | 15 | | 1.500 | 4.000 | C | 75J | | | 5MA | 15 | 40 | |
| | 2N101/13 | PG 430 | 13 | KSC | 30 | 30 | | 3.000 | 20.000 | C | 100J | .010 | E | | | 15 | .500 |
| - | 2N102 | NG 148 B | | SYL | 30 | 15 | | 1.500 | 4.000 | C | 75J | | | 5MA | 15 | 40 | |
| | 2N102/13 | NG 430 | 13 | KSC | 30 | 30 | | 1.500 | 12.500 | C | 100J | | | | | 16 | .500 |
| | 2N103 | NG 210 | 5 | ETC | 35 | 35 | 2.5 | .010 | .050 | A | 75J | .750 | B | 50UA | 35 | 10 | |
| | 2N104 | PG 210 | 5 | ETC | 30 | | 12.0 | .050 | .150 | A | 85J | .350 | B | 10UA | 12 | 44 | |
| - | 2N104+ | PG 55 | 40 | RCA | 30 | | 12.0 | .050 | .150 | A | 70A | .700 | B | 10UA | 12 | 44 | |
| | 2N105 | PG 210 | 5 | ETC | 25 | | | .050 | .060 | A | 85J | .400 | B | 7UA | 12 | 55 | |
| | 2N106 | PG 210 | 5 | ETC | 10 | 6 | 2.0 | .010 | .100 | A | 85J | 1.000 | B | 12UA | 6 | 38 | .001 |
| - | 2N106+ | PG 10 A | | RAY | 6 | | | .010 | .100 | A | 85A | .800 | B | 12UA | 2 | 26 | |
| | 2N107 | PG 210 | 5 | ETC | 12 | 6 | 2.0 | .010 | .050 | A | 60J | .300 | B | 10UA | 12 | 30 | |
| | 2N108 | PG 210 | 5 | ETC | 20 | 20 | | .015 | .050 | A | 60J | AUD | | 10UA | 20 | 80 | |
| | 2N109 | PG 210 | 5 | ETC, RCA | 25 | 25 | 12.0 | .070 | .150 | A | 85J | AUD | | 14UA | 25 | 80 | .050 |
| | 2N109+ | PG 55 | 40 | RCA | 25 | 25 | 12.0 | .070 | .150 | A | 50A | .400 | B | 10UA | 25 | 74 | |
| | 2N111 | PG 210 | 5 | ETC | 15 | 6 | | .020 | .100 | A | 85J | 1.500 | B | 5UA | 6 | 30 | |
| - | 2N111+ | PG 10 A | | RAY | 30 | 15 | 20.0 | .200 | .150 | A | 85J | 3.000 | B | 5UA | 12 | 26 | |
| | 2N111A | PG 210 | 5 | ETC | 30 | 15 | 20.0 | .200 | .150 | A | 85J | 3.000 | B | 5UA | 12 | 30 | |
| - | 2N111B | PG 210 | 5 | ETC | 27 | | 10.0 | .005 | .030 | A | 85J | 20.000 | B | 10UA | 12 | | |
| | 2N112 | PG 210 | 5 | ETC | 15 | 6 | | .020 | .100 | A | 85J | 3.000 | B | 5UA | 6 | 30 | |
| - | 2N112+ | PG 10 A | | RAY | 30 | 15 | 20.0 | .200 | .150 | A | 85J | 5.000 | B | 5UA | 12 | 30 | |
| | 2N112A | PG 210 | 5 | ETC | 30 | 15 | 20.0 | .200 | .150 | A | 85J | 3.000 | B | 5UA | 12 | 30 | |
| | 2N113 | PG 210 | 5 | ETC | 15 | 6 | | .020 | .100 | A | 85J | 10.000 | B | 5UA | 6 | 50 | |
| - | 2N113+ | PG 10 A | | RAY | 30 | 10 | 20.0 | .200 | .150 | A | 85J | 10.000 | B | 5UA | 12 | 44 | |
| | 2N114 | PG 210 | 5 | ETC | 15 | 6 | | .020 | .100 | A | 85J | 20.000 | B | 5UA | 6 | 70 | |
| - | 2N114+ | PG 10 A | | RAY | 30 | 10 | 20.0 | .200 | .150 | A | 85J | 20.000 | B | 5UA | 12 | 74 | |
| | 2N117 | NS 210 | 5 | ETC | 30 | | 1.0 | .025 | .150 | A | 175J | 1.000 | B | 10UA | 30 | 14 | |
| | 2N117+ | NS 12 C | | TII, TEC, HUG | 45 | | 1.0 | .025 | .150 | A | 175J | 4.000 | B | 2UA | 30 | 15 | |
| | 2N118 | NS 210 | 5 | ETC | 30 | | 1.0 | .025 | .150 | A | 175J | 2.000 | B | 10UA | 30 | 28 | |
| | 2N118+ | NS 12 C | | TII, TEC, HUG | 45 | | 1.0 | .025 | .150 | A | 175J | 5.000 | B | 2UA | 30 | 30 | |
| | 2N118A | NS 210 | 5 | ETC | 30 | | 1.0 | .025 | .150 | A | 175J | 8.000 | B | 10UA | 30 | 42 | |
| | 2N118A+ | NS 12 C | | TII, TEC, HUG | 45 | | 1.0 | .025 | .150 | A | 175J | 8.000 | B | 2UA | 30 | 56 | |
| | 2N119 | NS 210 | 5 | ETC | 30 | | 1.0 | .025 | .150 | A | 175J | 1.000 | B | 10UA | 30 | 60 | |
| | 2N119+ | NS 12 C | | TII, TEC, HUG | 45 | | 1.0 | .025 | .150 | A | 175J | 6.000 | B | 2UA | 30 | 60 | |
| | 2N120 | NS 210 | 5 | ETC | 30 | | 1.0 | .025 | .150 | A | 175J | 1.000 | B | 10UA | 30 | 160 | |
| | 2N120+ | NS 12 C | | TII, TEC, HUG | 45 | | 1.0 | .025 | .150 | A | 175J | .700 | B | 2UA | 30 | 10 | |
| | 2N122 | NS 743 A | | TII | 120 | | 1.0 | .140 | 8.750 | C | 150J | AUD | | 100UA | 120 | 20 | |
| | 2N123 | PG 210 | 5 | ETC | 20 | 15 | 10.0 | .125 | .125 | A | 85J | 5.000 | B | 6UA | 20 | 90 | .010 |
| - | 2N123/5 | PG 210 | 5 | SYL | 20 | 15 | 10.0 | .125 | .150 | A | 85J | 5.000 | B | 6UA | 20 | 90 | |
| - | 2N123+ | PG 57 B | | GEC | 20 | 15 | 10.0 | .125 | .150 | A | 85J | 5.000 | B | 6UA | 20 | 90 | |
| | 2N123A | PG 210 | 5 | ETC | 20 | 15 | 10.0 | .125 | .150 | A | 85J | 5.000 | B | 6UA | 20 | 90 | |
| | 2N124 | NG 210 | 5 | ETC | 10 | 10 | 5.0 | .025 | .050 | A | 75J | 3.000 | B | 2UA | 5 | 18 | |
| - | 2N124+ | NG 10 B | | TII | 10 | | 5.0 | .008 | .050 | A | 75J | 3.000 | B | 2UA | 5 | 18 | |
| | 2N125 | NG 210 | 5 | ETC | 10 | 10 | 5.0 | .025 | .050 | A | 175J | 5.000 | B | 10UA | 40 | 36 | .005 |
| - | 2N125+ | NG 10 B | | TII | 10 | | 5.0 | .008 | .050 | A | 75J | 5.000 | B | 2UA | 5 | 36 | |
| | 2N126 | NG 210 | 5 | ETC | 10 | 10 | 5.0 | .025 | .050 | A | 175J | 5.000 | B | 10UA | 40 | 73 | .005 |
| - | 2N126+ | NG 10 B | | TII | 10 | | 5.0 | .008 | .050 | A | 75J | 5.000 | B | 2UA | 5 | 70 | |
| | 2N128 | PG 116 | 24 | SPR, HUG | 10 | 4 | 10.0 | .005 | .025 | A | 85J | 28.000 | G | 15UA | 10 | 40 | |
| - | 2N129 | PG 105 | 24 | PHL | 10 | 4 | 10.0 | .005 | .030 | A | 85J | 30.000 | F | 3UA | 5 | 14 | |
| | 2N130 | PG 210 | 5 | ETC | 25 | 22 | 12.0 | .010 | .085 | A | 85J | .700 | B | 12UA | 15 | 24 | |
| - | 2N130+ | PG 5 A | | RAY | 44 | | | .010 | .084 | A | 85J | .600 | B | 6UA | 6 | 22 | |
| | 2N130A | PG 210 | 5 | ETC | 25 | 22 | 12.0 | .100 | .100 | A | 85J | .700 | B | 15UA | 20 | 30 | |
| | 2N131 | PG 210 | 5 | ETC | 25 | 15 | 12.0 | .010 | .085 | A | 85J | .800 | B | 12UA | 15 | 50 | |
| - | 2N131+ | PG 5 A | | RAY | 30 | | | .010 | .084 | A | 85J | .800 | B | 6UA | 6 | 44 | |
| | 2N131A | PG 210 | 5 | ETC | 25 | 15 | 12.0 | .100 | .100 | A | 85J | .800 | B | 15UA | 20 | 50 | |
| | 2N132 | PG 210 | 5 | ETC | 25 | 12 | 12.0 | .010 | .085 | A | 85J | 1.000 | B | 12UA | 15 | 90 | |
| - | 2N132+ | PG 5 A | | RAY | 24 | | | .010 | .084 | A | 85J | 1.200 | B | 6UA | 6 | 90 | |
| | 2N132A | PG 210 | 5 | ETC | 25 | 12 | 12.0 | .100 | .100 | A | 85J | 1.000 | B | 15UA | 20 | 90 | |
| | 2N133 | PG 210 | 5 | ETC | 25 | 15 | 12.0 | .010 | .085 | A | 85J | .800 | B | 12UA | 15 | 50 | |
| - | 2N133+ | PG 5 A | | RAY | 30 | | | .010 | .084 | A | 85J | .800 | B | 12UA | 2 | 24 | |
| | 2N133A | PG 210 | 5 | ETC | 25 | 15 | 12.0 | .100 | .100 | A | 85J | .800 | B | 15UA | 20 | 50 | |
| | 2N135 | PG 210 | 5 | ETC | 20 | 20R | | .050 | .100 | A | 85J | 3.000 | B | 5UA | 6 | 20 | |
| - | 2N135+ | PG 57 B | | GEC | 20 | 12 | | .050 | .100 | A | 85J | 3.000 | B | 5UA | 6 | 20 | |
| | 2N136 | PG 210 | 5 | ETC | 20 | 20R | | .050 | .100 | A | 85J | 5.000 | B | 5UA | 6 | 40 | |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff $I_{CBO}$ @ $V_{CB}$ | | Gain $h_{FE}$ @ $I_C$(A) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | | | | | |
| - | 2N136+ | PG 57 B | | GEC | 20 | 12 | | .050 | .100 | A | 85J | | 5.000 | B | 5UA 6 | 40 | |
| | 2N137 | PG 210 | 5 | ETC | 10 | 10R | | .050 | .100 | A | 85J | | 7.000 | B | 5UA 6 | 45 | |
| - | 2N137+ | PG 57 B | | GEC | 10 | 6 | | .050 | .100 | A | 85J | | 7.000 | B | 5UA 6 | 60 | |
| | 2N138 | PG 210 | 5 | ETC | 24 | 12 | 5.0 | .020 | .050 | A | 50J | | AUD | | 16UA 16 | 140 | |
| - | 2N138A | PG 5 A | | RAY | 12 | 6 | | .100 | .150 | A | 85J | | 1.400 | B | 6UA 12 | 40 | |
| | 2N139 | PG 210 | 5 | ETC | 16 | 16 | 12.0 | .015 | .035 | A | 85J | | 4.500 | B | 6UA 12 | 48 | |
| - | 2N139+ | PG 55 | 40 | RCA | 16 | | 12.0 | .025 | .035 | A | 70A | | 4.500 | B | | 60 | |
| | 2N140 | PG 210 | 5 | ETC | 16 | 16 | .5 | .015 | .080 | A | 85J | | 8.000 | B | 6UA 12 | 80 | |
| | 2N140+ | PG 55 | 40 | RCA | 16 | | 12.0 | .015 | .035 | A | 70A | | 7.000 | B | | 60 | |
| - | 2N141 | PG 148 A | | SYL | 60 | 60 | 30.0 | .800 | 4.000 | C | 75C | | 10.000 | B | 5MA 30 | 30 | |
| | 2N141/13 | PG 430 | 13 | KSC | 60 | 60 | | 3.000 | 20.000 | C | 100J | | .008 | E | | 37 | .500 |
| - | 2N142 | NG 148 A | | SYL | 60 | 60 | 30.0 | .800 | 4.000 | C | 75C | | .400 | B | 5MA 30 | 30 | |
| | 2N142/13 | NG 430 | 13 | KSC | 60 | 60 | | 1.000 | 12.500 | C | 100J | | | | | 16 | .250 |
| - | 2N143 | PG 148 B | | SYL | 60 | 60 | 30.0 | .800 | 4.000 | C | 75C | | .400 | B | 5MA 30 | 30 | |
| | 2N143/13 | PG 430 | 13 | KSC | 60 | 30 | | 3.000 | 20.000 | C | 100J | | .008 | E | | 15 | .250 |
| - | 2N144 | NG 148 B | | SYL | 60 | 60 | 30.0 | .800 | 4.000 | C | 75C | | .400 | B | 5MA 30 | 30 | |
| | 2N144/13 | NG 430 | 13 | KSC | 60 | 60 | | 1.000 | 12.500 | C | 100J | | | | | 16 | .250 |
| | 2N145 | NG 210 | 5 | ETC | 20 | 15 | .5 | .025 | .065 | A | 75J | | 8.000 | B | 3UA 9 | 60 | |
| - | 2N145+ | NG 10 B | | TII | 20 | | | .005 | .065 | A | 75J | | AM IF | | 3UA 9 | | |
| | 2N146 | NG 210 | 5 | ETC | 20 | 15 | .5 | .025 | .065 | A | 75J | | 12.000 | B | 3UA 9 | 140 | |
| - | 2N146+ | NG 10 B | | TII | 20 | | | .005 | .065 | A | 75J | | AM IF | | 3UA 9 | | |
| | 2N147 | NG 210 | 5 | ETC | 20 | 15 | .5 | .025 | .065 | A | 75J | | 15.000 | B | 3UA 9 | 200 | |
| - | 2N147+ | NG 10 B | | TII | 20 | | | .005 | .065 | A | 75J | | AM IF | | 3UA 9 | | |
| - | 2N148 | NG 10 B | | TII | 16 | | | .005 | .065 | A | 75J | | AM IF | | 3UA 12 | | |
| - | 2N148A | NG 10 B | | TII | 32 | | | .005 | .065 | A | 75J | | AM IF | | 3UA 12 | | |
| - | 2N149 | NG 10 B | | TII | 16 | | | .005 | .065 | A | 75J | | AM IF | | 3UA 12 | | |
| - | 2N149A | NG 10 B | | TII | 32 | | | .005 | .065 | A | 75J | | AM IF | | 3UA 12 | | |
| - | 2N150 | NG 10 B | | TII | 16 | | | .005 | .065 | A | 75J | | AM IF | | 3UA 12 | | |
| - | 2N150A | NG 10 B | | TII | 32 | | | .005 | .065 | A | 75J | | AM IF | | 3UA 12 | | |
| | 2N155 | PG 605 | 3 | SOL,HUG,KSC | 30 | 30S | 15.0 | 3.000 | 50.000 | C | 100J | | .006 | E | 10MA 30 | 48 | .500 |
| | 2N156 | PG 426 | 13 | HUG,KSC | 30 | 30 | 15.0 | 3.000 | 20.000 | C | 85J | | .200 | G | 10MA 30 | 50 | |
| - | 2N157 | PG 605 | 3 | CBS | 60 | | 30.0 | 3.000 | 20.000 | C | 85J | | .100 | B | 1MA 60 | 25 | |
| - | 2N157A | PG 605 | 3 | CBS | 90 | | 30.0 | 3.000 | 20.000 | C | 85J | | .100 | B | 1MA 90 | 20 | |
| | 2N158 | PG 426 | 13 | HUG,KSC | 60 | 60 | 30.0 | 3.000 | 20.000 | C | 85J | | .004 | E | 10MA 60 | 40 | |
| | 2N158A | PG 426 | 13 | HUG | 80 | 60 | 30.0 | 3.000 | 20.000 | C | 85J | | .004 | E | 10MA 80 | 40 | |
| | 2N160 | NS 10 | 22 | ETC | 40 | | 1.0 | .025 | .150 | A | 175J | | 4.000 | B | 10UA 40 | 14 | .001 |
| | 2N160A | NS 10 | 22 | ETC | 40 | | 5.0 | .025 | .150 | A | 175J | | 4.000 | B | 10UA 40 | 14 | |
| | 2N161 | NS 10 | 22 | ETC | 40 | | 1.0 | .025 | .150 | A | 175J | | 5.000 | B | 10UA 40 | 28 | .001 |
| | 2N161A | NS 10 | 22 | ETC | 40 | | 5.0 | .025 | .150 | A | 175J | | 5.000 | B | 10UA 40 | 28 | .001 |
| | 2N162 | NS 10 | 22 | ETC | 40 | | 1.0 | .025 | .150 | A | 175J | | 8.000 | B | 10UA 40 | 50 | .001 |
| | 2N162A | NS 10 | 22 | ETC | 40 | | 5.0 | .025 | .150 | A | 175J | | 8.000 | B | 10UA 40 | 50 | .001 |
| | 2N163 | NS 10 | 22 | ETC | 40 | | 1.0 | .025 | .150 | A | 175J | | 6.006 | B | 10UA 40 | 50 | .001 |
| | 2N163A | NS 10 | 22 | ETC | 40 | | 5.0 | .025 | .150 | A | 175J | | 3.000 | B | 10UA 40 | 50 | .001 |
| | 2N164 | NG 210 | 5 | ETC | 15 | 15 | 1.0 | .030 | .065 | A | 85J | | 4.000 | B | 5UA 15 | 45 | |
| | 2N164A | NG 210 | 5 | ETC | 15 | 15 | 1.0 | .030 | .100 | A | 85J | | 4.000 | G | 5UA 15 | 45 | |
| | 2N165 | NG 210 | 5 | ETC | 15 | 15 | 1.0 | .020 | .065 | A | 85C | | 5.000 | B | 5UA 15 | 70 | |
| | 2N166 | NG 210 | 5 | ETC | 10 | 6 | 1.0 | .030 | .055 | A | 50J | | 2.000 | B | 2UA 15 | 32 | |
| | 2N167 | NG 12 A | | GEC | 30 | 30 | 5.0 | .075 | .075 | A | 85A | | 5.000 | B | 2UA 15 | 50 | |
| | 2N167A | NG 12 A | | GEC | 30 | 30 | 5.0 | .075 | .075 | A | 85A | | 5.000 | B | 2UA 15 | 50 | |
| | 2N168 | NG 210 | 5 | ETC | 15 | 15R | | .020 | .065 | A | 85J | | 5.000 | B | 5UA 15 | 90 | .001 |
| - | 2N168+ | NG 12 B | | GEC | 15 | 15 | | .020 | .055 | A | 75A | | 6.000 | B | 5UA 15 | 20 | |
| | 2N168A | NG 210 | 5 | ETC | 15 | 15R | | .020 | .065 | A | 85J | | 5.000 | B | 5UA 15 | 90 | .001 |
| - | 2N168A+ | NG 12 B | | GEC | 15 | 15 | | .020 | .065 | A | 85A | | 5.000 | B | 5UA 15 | 40 | |
| | 2N169 | NG 210 | 5 | ETC | 15 | 15R | 5.0 | .020 | .065 | A | 85J | | 8.000 | B | 5UA 15 | 48 | .001 |
| | 2N169+ | NG 12 B | | GEC | 15 | 15 | | .020 | .055 | A | 75A | | 4.000 | B | 5UA 15 | 40 | |
| | 2N169A | NG 210 | 5 | ETC | 25 | 25R | 5.0 | .020 | .065 | A | 85J | | 9.000 | B | 5UA 15 | 84 | .001 |
| | 2N169A+ | NG 12 A | | GEC | 25 | 25 | 5.0 | .025 | .075 | A | 85A | | 9.000 | B | 5UA 15 | 50 | |
| | 2N170 | NG 210 | 5 | ETC | 10 | 9R | | .020 | .025 | A | 85J | | 4.000 | B | 3UA 5 | 30 | |
| | 2N172 | NG 210 | 5 | ETC | 15 | 15R | 1.0 | .025 | .075 | A | 75J | | 3.000 | B | 3UA 9 | 40 | |
| - | 2N172+ | NG 10 B | | TII | 16 | | | .005 | .065 | A | 75J | | AM CON | | 3UA 9 | | |
| | 2N173 | PG 405 | 36 | RCA,DEL,MOT,ETC,SJL,HUG | 60 | 50 | 40.0 | 15.000 | 150.000 | C | 100C | | .010 | E | 100UA 2 | 40 | |
| | 2N174 | PG 405 | 36 | DEL,MOT,ETC,SOL,HUG | 80 | 55 | 60.0 | 15.000 | 150.000 | C | 100C | | .010 | E | 100UA 2 | 36 | |
| | 2N174A | PG 405 | 36 | ETC,DEL | 80 | 70S | 60.0 | 15.000 | 170.000 | C | 100J | | .100 | B | 4MA 80 | 60 | 1.200 |
| | 2N175 | PG 210 | 5 | ETC | 25 | | 12.0 | .002 | .050 | A | 85J | | .850 | B | 12UA 25 | 65 | |
| | 2N175+ | PG 55 | 40 | RCA | 10 | 10 | | .002 | .020 | A | 50A | | .850 | B | 12UA 25 | 64 | |
| | 2N176 | PG 605 | 3 | MOT,RCA,SOL,ETC,HJG,KSC | 40 | 30S | | 3.000 | 10.000 | C | 90J | | .005 | E | 3MA 30 | 64 | |
| | 2N178 | PG 605 | 3 | MOT,ETC,KSC | 40 | 30S | | 3.000 | 10.000 | C | 90J | | .005 | E | 3MA 30 | 30 | |
| | 2N180 | PG 210 | 5 | ETC | 30 | 30 | | .025 | .150 | A | 75J | | .700 | B | 10UA 30 | 60 | |
| - | 2N180+ | PG 35 C | | CBS | 30 | | 30.0 | | .150 | A | 75J | | .700 | B | 10UA 30 | 60 | |
| | 2N181 | PG 210 | 5 | ETC | 30 | 30 | | .038 | .250 | A | 75J | | .700 | B | 16UA 25 | 60 | |
| - | 2N181+ | PG 35 D | | CBS | 30 | | 30.0 | | .250 | A | 75J | | .700 | B | 10UA 30 | 60 | |
| | 2N182 | NG 210 | 5 | ETC | 25 | | 15.0 | .010 | .100 | A | 85J | | 10.000 | B | 3UA 10 | 30 | |
| - | 2N182+ | NG 35 C | | CBS | 25 | | 20.0 | | .100 | A | 75J | | 2.500 | B | 3UA 10 | 25 | |
| | 2N183 | NG 210 | 5 | ETC | 25 | | 15.0 | .010 | .100 | A | 85J | | 10.000 | B | 3UA 10 | 65 | |
| - | 2N183+ | NG 35 C | | CBS | 25 | | 20.0 | | .100 | A | 75J | | 5.000 | B | 3UA 10 | 50 | |
| | 2N184 | NG 210 | 5 | ETC | 25 | | 15.0 | .010 | .100 | A | 85J | | 10.000 | B | 5UA 10 | 100 | |
| - | 2N184+ | NG 35 C | | CBS | 25 | | 20.0 | | .100 | A | 75J | | 10.000 | B | 3UA 10 | | |
| | 2N185 | PG 210 | 5 | ETC | 20 | 20 | 10.0 | .150 | .150 | A | 75J | | AUD | | 15UA 20 | 70 | |
| - | 2N185+ | PG 10 B | | TII | 20 | | | .150 | .150 | A | 50A | | AUD | | 15UA 20 | | |
| | 2N186 | PG 210 | 5 | ETC | 25 | 25R | 5.0 | .200 | .100 | A | 85J | | .800 | B | 16UA 25 | 24 | .100 |
| - | 2N186+ | PG 57 B | | GEC | 25 | 25R | 5.0 | .200 | .075 | A | 60A | | .800 | B | 16UA 25 | 24 | |
| | 2N186A | PG 210 | 5 | ETC | 25 | 25R | 5.0 | .200 | .200 | A | 85J | | .800 | B | 16UA 25 | 24 | .100 |
| | 2N186A+ | PG 57 B | | GEC | 25 | 25R | 5.0 | .200 | .180 | A | 60A | | .800 | B | 16UA 25 | 24 | |
| | 2N187 | PG 210 | 5 | ETC | 25 | 25R | 5.0 | .200 | .100 | A | 85J | | 1.000 | B | 16UA 25 | 36 | .100 |
| - | 2N187+ | PG 57 B | | GEC | 25 | 25R | 5.0 | .200 | .075 | A | 60A | | 1.000 | B | 16UA 25 | 36 | |
| | 2N187A | PG 210 | 5 | ETC | 25 | 25R | 5.0 | .200 | .200 | A | 85J | | 1.000 | B | 16UA 25 | 36 | .100 |
| - | 2N187A+ | PG 57 B | | GEC | 25 | 25R | 5.0 | .200 | .180 | A | 60A | | 1.000 | B | 16UA 25 | 36 | |
| | 2N188 | PG 210 | 5 | ETC | 25 | 25R | 5.0 | .200 | .100 | A | 85J | | 1.200 | B | 16UA 25 | 50 | .020 |
| - | 2N188+ | PG 57 B | | GEC | 25 | 25R | 5.0 | .200 | .075 | A | 60A | | 1.200 | B | 16UA 25 | 54 | |
| | 2N188A | PG 210 | 5 | ETC | 25 | 25R | 5.0 | .200 | .200 | A | 85J | | 1.200 | B | 16UA 25 | 50 | .020 |
| | 2N188A+ | PG 57 B | | GEC | 25 | 25R | 5.0 | .200 | .180 | A | 60A | | 1.200 | B | 16UA 25 | 54 | |
| | 2N189 | PG 210 | 5 | ETC | 25 | 25R | | .050 | .075 | A | 60J | | .800 | B | 16UA 25 | 36 | .020 |
| - | 2N189+ | PG 57 B | | GEC | 25 | 25R | | .050 | .175 | A | 60A | | .800 | B | 16UA 25 | 24 | |
| | 2N190 | PG 210 | 5 | ETC | 25 | 25R | | .050 | .075 | A | 60J | | 1.000 | B | 16UA 25 | 50 | .020 |
| - | 2N190+ | PG 57 B | | GEC | 25 | 25R | | .050 | .175 | A | 60A | | 1.000 | B | 16UA 25 | 36 | |
| | 2N191 | PG 210 | 5 | ETC | 25 | 25R | | .050 | .075 | A | 60J | | 1.200 | B | 16UA 25 | 80 | .020 |
| | 2N191+ | PG 57 B | | GEC | 25 | 25R | | .050 | .175 | A | 60A | | 1.200 | B | 16UA 25 | 54 | |
| | 2N192 | PG 210 | 5 | ETC | 25 | 25R | | .050 | .075 | A | 60J | | 1.500 | B | 16UA 25 | 114 | .020 |
| - | 2N192+ | PG 57 B | | GEC | 25 | 25R | | .050 | .175 | A | 60A | | 1.500 | B | 16UA 25 | 74 | |
| | 2N193 | NG 210 | 5 | ETC | 18 | 18R | 5.0 | .100 | .150 | A | 85J | | 2.000 | B | 30UA 18 | 8 | |
| - | 2N193+ | NG 10 | 22 | SYL | 18 | 18 | 5.0 | .100 | .150 | A | 85J | | 2.000 | B | 30UA 18 | 10 | |
| | 2N194 | NG 210 | 5 | ETC | 18 | 18R | .5 | .100 | .150 | A | 85J | | 2.000 | B | 50UA 18 | 10 | |
| - | 2N194+ | NG 10 | 22 | SYL | 25 | 25R | | .100 | .050 | A | 75J | | 2.000 | B | 40UA 15 | 10 | |
| | 2N194A | NG 210 | 5 | ETC | 18 | 18R | 5.0 | .100 | .150 | A | 85J | | 2.000 | B | 30UA 18 | 10 | |
| - | 2N194A+ | NG 10 | 22 | SYL | 18 | 18 | 5.0 | .100 | .150 | A | 85J | | 2.000 | B | 30UA 18 | 10 | |
| | 2N195 | PG 172 D | | TEC | 15 | 12 | 6.0 | .030 | .100 | A | 75J | | 1.000 | B | 10UA 12 | 180 | |
| | 2N196 | PG 172 D | | TEC | 30 | 25 | 6.0 | .030 | .100 | A | 85J | | .800 | B | 101A 12 | 50 | |
| | 2N197 | PG 172 D | | TEC | 30 | 25 | 6.0 | .030 | .100 | A | 85J | | .700 | B | 101A 12 | 40 | |
| | 2N198 | PG 172 D | | TEC | 30 | 25 | 6.0 | .030 | .100 | A | 85J | | .600 | B | 101A 12 | 30 | |
| | 2N199 | PG 172 D | | TEC | 30 | 25 | 6.0 | .030 | .100 | A | 85J | | .500 | B | 10UA 12 | 15 | |
| | 2N200 | PG 172 D | | TEC | 36 | 30 | 12.0 | .100 | .100 | A | 85J | | .400 | B | 4UA 12 | 30 | |
| | 2N204 | PG 172 D | | TEC | 36 | 30 | 12.0 | .100 | .100 | A | 85J | | .400 | B | 4UA 12 | 15 | |
| | 2N205 | PG 172 D | | TEC | 36 | 30 | 12.0 | .100 | .100 | A | 85J | | .400 | B | 4UA 12 | 15 | |
| | 2N206 | PG 210 | 5 | ETC | 30 | 30 | 12.0 | .100 | .075 | A | 85J | | .800 | B | 10UA 30 | 50 | |
| | 2N207 | PG 210 | 5 | ETC | 12 | 12 | 12.0 | .020 | .050 | A | 65J | | 2.000 | B | 15UA 12 | 50 | |
| | 2N207A | PG 210 | 5 | ETC | 12 | 12 | 12.0 | .020 | .050 | A | 65J | | 2.000 | B | 10UA 12 | 50 | |
| | 2N207B | PG 210 | 5 | ETC | 12 | 12 | 12.0 | .020 | .050 | A | 65J | | 2.000 | B | 10UA 12 | 50 | |
| - | 2N207B+ | PG 116 | 23 | PHL | 12 | | | .020 | .050 | A | 65J | | 2.000 | B | 10UA 12 | 35 | |
| | 2N211 | NG 210 | 5 | ETC | 10 | 10 | .5 | .050 | .050 | A | 75J | | 2.000 | B | 20UA 10 | 10 | |
| - | 2N211+ | NG 10 | 22 | SYL | 10 | 10 | | .100 | .050 | A | 75J | | 2.000 | B | 20UA 10 | 10 | |
| | 2N212 | NG 210 | 5 | ETC | 18 | 18R | 5.0 | .100 | .150 | A | 85J | | 4.000 | B | 30UA 18 | 18 | |
| - | 2N212+ | NG 10 | 22 | SYL | 18 | 18 | 5.0 | .100 | .150 | A | 85J | | 4.000 | B | 30UA 40 | 10 | |
| | 2N213 | NG 210 | 5 | ETC | 40 | 25R | 10.0 | .100 | .180 | A | 85J | | .010 | E | 100UA 25 | 140 | |
| - | 2N213+ | NG 10 | 22 | SYL | 40 | 25R | 10.0 | .100 | .180 | A | 85J | | .700 | G | 50UA 18 | 150 | |
| | 2N213A | NG 210 | 5 | ETC | 40 | 25R | 10.0 | .100 | .180 | A | 85J | | .010 | E | 100UA 25 | 160 | |
| - | 2N213A+ | NG 10 | 22 | SYL | 40 | 25R | 10.0 | .100 | .180 | A | 85J | | 1.000 | G | 50UA 40 | 170 | |
| | 2N214 | NG 210 | 5 | ETC | 40 | 25R | 10.0 | .100 | .180 | A | 85J | | .010 | G | 50UA 40 | 75 | .035 |
| - | 2N214+ | NG 10 | 22 | SYL | 40 | 25R | 10.0 | .100 | .180 | A | 85J | | .500 | G | 50UA 40 | 176 | |
| | 2N215 | PG 210 | 5 | ETC | 30 | 12 | 12.0 | .050 | .150 | A | 85J | | .700 | B | 10UA 12 | 44 | |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ $I_C$(A) | |
| | 2N215+ | PG 120 | 1 | RCA | 30 | | 12.0 | .050 | .150 | A | 70A | .700 | B | 10UA | 12 | 44 | |
| | 2N216 | NG 210 | 5 | ETC | 18 | 18R | 1.0 | .050 | .050 | A | 75J | 2.000 | B | 50UA | 18 | 40 | .001 |
| - | 2N216+ | NG 10 | 22 | SYL | 15 | | | | .050 | A | 75J | 2.000 | B | 40UA | 15 | 40 | |
| | 2N217 | PG 210 | 5 | ETC | 25 | 25 | 12.0 | .070 | .150 | A | 85J | AUD | | 14UA | 25 | 75 | .050 |
| | 2N217+ | PG 120 | 1 | RCA | 25 | 25 | 12.0 | .070 | .150 | A | 71A | AUD | | 14UA | 25 | 76 | |
| | 2N218 | PG 210 | 5 | ETC | 16 | 16 | 12.0 | .015 | .035 | A | 85J | 4.500 | B | 6UA | 12 | 48 | |
| - | 2N218+ | PG 120 | 1 | RCA | 16 | | 12.0 | .015 | .035 | A | 70A | 7.000 | B | 6UA | 12 | 50 | |
| | 2N219 | PG 210 | 5 | ETC | 16 | 16 | .5 | .015 | .080 | A | 85J | 8.000 | B | 6UA | 12 | 75 | |
| - | 2N219+ | PG 120 | 1 | RCA | 16 | | 12.0 | .015 | .035 | A | 70A | 7.000 | B | 6UA | 12 | 50 | |
| | 2N220 | PG 210 | 5 | ETC | 25 | | 12.0 | .002 | .050 | A | 85J | .850 | B | 12UA | 25 | 65 | |
| | 2N220+ | PG 120 | 1 | RCA | 10 | 10 | | .002 | .020 | A | 50A | .850 | B | 12UA | 25 | 64 | |
| | 2N223 | PG 210 | 5 | ETC | | 18 | | .150 | .250 | A | 75J | .600 | B | 20UA | 9 | 110 | |
| - | 2N223+ | PG 116 | 25 | PHL | 18 | | | .060 | .200 | A | 65J | .600 | B | 20UA | 9 | 80 | |
| | 2N224 | PG 210 | 5 | ETC | 25 | | | .150 | .250 | A | 75J | .510 | B | 25UA | 12 | 90 | .100 |
| - | 2N224+ | PG 106 | 25 | PHL | 25 | | | .150 | .120 | A | 65A | .510 | B | 25UA | 12 | 70 | |
| | 2N225 | | | M.P.2N224 | | | | | | | | | | | | | |
| | 2N226 | PG 210 | 5 | ETC | 30 | | | .150 | .250 | A | 75J | .400 | B | 25UA | 30 | 60 | .100 |
| - | 2N226+ | PG 106 | 25 | PHL | 25 | | | .150 | .120 | A | 65A | .400 | B | 25UA | 12 | 60 | |
| | 2N227 | | | M.P.2N226 | | | | | | | | | | | | | |
| | 2N228 | NG 210 | 5 | ETC | 40 | 15R | 10.0 | .100 | .150 | A | 85J | .010 | E | 4A | 40 | 80 | |
| - | 2N228+ | NG 10 | 22 | SYL | 40 | 15R | 10.0 | .100 | .180 | A | 85J | .600 | G | 100UA | 40 | 70 | |
| | 2N229 | NG 210 | 5 | ETC | 10 | 10R | 10.0 | .100 | .180 | A | 85J | .600 | B | 100UA | 10 | 50 | |
| - | 2N229+ | NG 10 | 22 | SYL | 10 | 10R | 20.0 | .100 | .180 | A | 85J | .600 | B | 100UA | 10 | 60 | |
| | 2N231 | PG 116 | 24 | SPR,HUG | 5 | 5S | | .003 | .009 | A | 85J | LS SW | | 3UA | 5 | 36 | .001 |
| | 2N233 | NG 210 | 5 | ETC | 10 | 10R | 5.0 | .100 | .150 | A | 85J | 2.000 | B | 10UA | 10 | 10 | |
| - | 2N233+ | NG 10 | 22 | SYL | 10 | 10R | 5.0 | .100 | .150 | A | 85J | 2.000 | B | 50UA | 10 | 20 | |
| | 2N233A | NG 210 | 5 | ETC | 18 | 18R | 5.0 | .100 | .150 | A | 85J | 2.000 | B | 10UA | 18 | 10 | |
| - | 2N233A+ | NG 10 | 22 | SYL | 18 | 18R | 5.0 | .100 | .150 | A | 85J | 2.000 | B | 30UA | 18 | 24 | |
| | 2N234A | PG 605 | 3 | SOL,ETC,HUG,KSC | 25 | 25R | 15.0 | 3.000 | 25.000 | C | 90J | .008 | E | 5MA | 25 | 40 | |
| | 2N235A | PG 605 | 3 | SOL,ETC,HUG,KSC | 35 | | 15.0 | 3.000 | 25.000 | C | 90J | .007 | E | 1MA | 25 | 46 | 1.000 |
| | 2N235B | PG 605 | 3 | SOL,ETC,HUG | 35 | | 15.0 | 3.000 | 25.000 | C | 90J | .007 | E | 1MA | 25 | 56 | 1.000 |
| | 2N236A | PG 605 | 3 | SOL,ETC,HUG,KSC | 35 | | 15.0 | 3.000 | 25.000 | C | 100J | .006 | E | 1MA | 25 | 55 | 2.000 |
| | 2N236B | PG 605 | 3 | SOL,ETC,HUG,KSC | 35 | | 15.0 | 3.000 | 25.000 | C | 100J | .006 | E | 1MA | 25 | 55 | 2.000 |
| | 2N237 | PG 210 | 5 | ETC | 45 | 15 | 5.0 | .020 | .150 | A | 85J | .500 | B | 10UA | 45 | 48 | |
| - | 2N238 | PG 10 B | | TII | 20 | | | | .050 | A | 60A | AUD | | 20UA | 20 | 50 | |
| | 2N240 | PG 116 | 24 | SPR,HUG | 6 | 6S | 5.0 | .015 | .030 | A | 85J | 25.000 | G | 3UA | 5 | 30 | |
| | 2N241 | PG 210 | 5 | ETC | 25 | 25R | 5.0 | .200 | .100 | A | 60J | 1.300 | B | 16UA | 25 | 80 | .020 |
| - | 2N241+ | PG 57 B | | GEC | 25 | 25R | 5.0 | .200 | .100 | A | 60A | 1.300 | B | 16UA | 25 | 70 | |
| | 2N241A | PG 210 | 5 | ETC | 25 | 25R | 5.0 | .200 | .200 | A | 75J | 1.300 | B | 16UA | 25 | 80 | .020 |
| | 2N241A+ | PG 57 B | | GEC | 25 | 25R | 5.0 | .200 | .200 | A | 75A | 1.300 | B | 16UA | 25 | 70 | |
| | 2N242 | PG 605 | 3 | MOT,SOL,ETC,HUG | 45 | 45R | 10.0 | 5.000 | 106.000 | C | 110J | .005 | E | 5MA | 45 | 60 | .500 |
| | 2N243 | NS 10 | 22 | TII,ETC,TEC,HUG | 60 | | | .060 | .750 | A | 150J | AUD | | 1UA | 30 | 15 | |
| | 2N244 | NS 10 | 22 | ETC,TEC,HUG | 60 | | | .060 | .750 | A | 150J | AUD | | 1UA | 30 | 50 | |
| - | 2N245 | NS 185 A | | TII | 60 | | | .060 | 1.000 | C | 150J | AUD | | 1UA | 30 | 15 | |
| - | 2N246 | NS 185 A | | TII | 60 | | | .060 | 1.000 | C | 150J | AUD | | 1UA | 30 | 50 | |
| - | 2N247 | PG 75 | 7 | RCA | 35 | | 1.0 | .010 | .035 | A | 71A | 130.000 | G | 16UA | 30 | 65 | |
| - | 2N247/33 | PG 217 | 33 | SYL | 40 | 40 | .5 | .010 | .120 | A | 100J | 20.000 | G | 50UA | 40 | 80 | |
| - | 2N248 | PG 10 B | | TII | 25 | | | .005 | .030 | A | 75A | 50.000 | B | 10UA | 12 | 20 | |
| | 2N249 | PG 210 | 5 | ETC | 25 | 25 | | .200 | .250 | A | 85J | AUD | | 25UA | 25 | 30 | |
| - | 2N249+ | PG 171 A | | TII | 25 | | | .200 | .350 | A | 60A | AUD | | 25UA | 25 | 50 | |
| | 2N250 | PG 605 | 3 | SOL,ETC,HUG,KSC,TII | 30 | | 15.0 | 2.000 | 12.000 | C | 85J | .008 | E | 1UA | 30 | 90 | |
| | 2N250A | PG 605 | 3 | TII,SOL,ETC,HUG,KSC | 40 | 25 | 20.0 | 7.000 | 90.000 | C | 100J | .160 | G | 1MA | 30 | 60 | 3.000 |
| | 2N251 | PG 605 | 3 | SOL,ETC,HUG,KSC,TII | 60 | 150 | 15.0 | 2.000 | 12.000 | C | 85A | .008 | E | 2UA | 60 | 60 | .500 |
| | 2N251A | PG 605 | 3 | TII,SOL,ETC,HUG | 60 | 35 | 20.0 | 7.000 | 90.000 | C | 100J | .160 | G | 2MA | 60 | 60 | 3.000 |
| | 2N252 | PG 210 | 5 | ETC | | 16 | | .005 | .030 | A | 55J | AM RF | | 10UA | 12 | 30 | |
| - | 2N252+ | PG 10 B | | TII | 16 | | | .005 | .030 | A | 75J | 5.000 | G | 10UA | 12 | | |
| | 2N253 | NG 210 | 5 | ETC | 12 | 12 | | .050 | .100 | A | 75J | 2.500 | B | 3UA | 9 | 40 | |
| - | 2N253+ | NG 10 B | | TII | 12 | | | .005 | .065 | A | 75J | 5.000 | G | 13UA | 9 | | |
| | 2N254 | NG 210 | 5 | ETC | 20 | 20 | | .005 | .065 | A | 75J | 3.000 | B | 10UA | 12 | 20 | |
| - | 2N254+ | NG 10 B | | TII | 20 | | | .005 | .065 | A | 75J | 5.000 | G | 3UA | 9 | | |
| | 2N255 | PG 605 | 3 | SOL,HUG,KSC | 15 | | 15.0 | 3.000 | 25.000 | C | 85J | .200 | B | 3MA | 14 | 40 | .500 |
| | 2N255A | PG 605 | 3 | DEL,SOL,HUG,KSC | 15 | 15R | 15.0 | 5.000 | 20.000 | C | 100J | .005 | E | 5MA | 15 | 36 | .400 |
| | 2N256 | PG 605 | 3 | SOL,HUG,KSC | 30 | 30R | 30.0 | 3.000 | 25.000 | C | 100J | .005 | E | 3MA | 30 | 15 | .500 |
| | 2N256A | PG 605 | 3 | SOL,HUG,KSC | 25 | 25R | 15.0 | 4.000 | 20.000 | C | 100J | .005 | E | 5MA | 25 | 36 | .400 |
| | 2N257 | PG 605 | 3 | SOL,ETC,HUG,KSC | 40 | 35S | 6.0 | 3.000 | 25.000 | C | 95J | .005 | E | 2MA | 20 | 20 | .400 |
| | 2N257-BLK | PG 605 | 3 | ETC,KSC | 40 | 35S | 20.0 | 3.000 | 45.000 | C | 95J | | | 2MA | 20 | 88 | .500 |
| | 2N257-GRN | PG 605 | 3 | ETC,KSC | 40 | 35S | 20.0 | 3.000 | 45.000 | C | 95J | | | 2MA | 20 | 60 | .500 |
| | 2N257-WHT | PG 605 | 3 | ETC,KSC | 40 | 35S | 20.0 | 3.000 | 45.000 | C | 95J | | | 2MA | 20 | 150 | .500 |
| | 2N264 | NS 10 B | | HUG,TII | 45 | 30 | 1.0 | .020 | .125 | A | 150C | 10.000 | B | 1UA | 20 | 34 | .010 |
| | 2N265 | PG 210 | 5 | ETC | 25 | 25R | | .050 | .075 | A | 60J | 1.500 | B | 16UA | 25 | 144 | .020 |
| - | 2N265+ | PG 57 B | | GEC | 25 | 25R | | .050 | .075 | A | 60A | 1.500 | B | 16UA | 25 | 140 | |
| | 2N268 | PG 605 | 3 | SOL,ETC,HUG,KSC | 80 | 60R | 6.0 | 3.000 | 45.000 | C | 95J | .006 | E | 2MA | 80 | 45 | 2.000 |
| | 2N268A | PG 605 | 3 | SOL,ETC,HUG,KSC | 80 | | 6.0 | 3.000 | 35.000 | C | 100J | .006 | E | 2MA | 80 | 40 | 2.000 |
| | 2N269 | PG 210 | 5 | ETC | 25 | 24 | 12.0 | .100 | .120 | A | 85J | 4.000 | B | 5UA | 12 | 45 | .012 |
| - | 2N269+ | PG 120 | 1 | RCA | 25 | 24 | 12.0 | .100 | .120 | A | 85J | 13.000 | B | 5UA | 12 | 50 | |
| | 2N270 | PG 210 | 5 | ETC | 25 | 12 | 12.0 | .150 | .250 | A | 85J | AUD | | 16UA | 25 | 70 | .150 |
| | 2N270+ | PG 55 B | | RCA | 25 | | 12.0 | .075 | .250 | A | 71A | AUD | | 16UA | 25 | 70 | |
| | 2N271 | PG 210 | 5 | ETC | | 10 | | .200 | .150 | A | 85J | 5.000 | B | 5UA | 12 | 50 | |
| - | 2N271+ | PG 10 A | | RAY | 30 | 10 | 20.0 | .200 | .150 | A | 85J | 1.000 | B | 5UA | 12 | 44 | |
| | 2N271A | PG 210 | 5 | ETC | | 10 | | .200 | .150 | A | 850J | 5.000 | B | 5UA | 12 | 50 | |
| | 2N272 | PG 210 | 5 | ETC | | 24 | | .100 | .150 | A | 85J | .500 | B | 10UA | 20 | 120 | |
| - | 2N272+ | PG 10 A | | RAY | 24 | 24 | | .100 | .150 | A | 85J | 1.000 | B | 6UA | 20 | 80 | |
| | 2N273 | PG 210 | 5 | ETC | | 30 | | .100 | .150 | A | 85J | AUD | | 10UA | 20 | 20 | |
| - | 2N273+ | PG 10 A | | RAY | 20 | 9 | | .100 | .240 | C | 85J | AUD | | 6UA | 20 | 40 | |
| | 2N274 | PG 128 | 44 | RCA | 35 | | .5 | .010 | .120 | A | 100A | 30.000 | B | 12UA | 12 | 80 | |
| | 2N277 | PG 405 | 36 | DEL,MOT,RCA,ETC,SJL,HUG | 40 | 25 | 20.0 | 15.000 | 150.000 | C | 100C | .010 | E | 100UA | 2 | 50 | |
| | 2N278 | PG 405 | 36 | DEL,MOT,RCA,ETC,SJL,HUG | 50 | 30 | 30.0 | 15.000 | 150.000 | C | 100C | .010 | E | 100UA | 2 | 50 | |
| | 2N279 | PG 210 | 5 | ETC | 20 | 20R | .5 | .075 | .125 | A | 75J | .300 | B | 10UA | 4 | 30 | |
| | 2N280 | PG 210 | 5 | ETC | 20 | 20R | .5 | .075 | .125 | A | 75J | .300 | B | 10UA | 4 | 50 | |
| | 2N281 | PG 210 | 5 | ETC | 16 | 16R | 10.0 | .075 | .125 | A | 75J | .350 | B | 10UA | 10 | 52 | .080 |
| | 2N282 | | | M.P.2N281 | | | | | | | | | | | | | |
| | 2N283 | PG 210 | 5 | ETC | 30 | 20 | 10.0 | .050 | .125 | A | 75J | .500 | B | 9UA | 30 | 44 | .001 |
| | 2N284 | PG 210 | 5 | ETC | 32 | 32R | 10.0 | .125 | .125 | A | 75J | .350 | B | 10UA | 10 | 45 | .080 |
| | 2N284A | PG 210 | 5 | ETC | 60 | 55R | 10.0 | .125 | .125 | A | 75J | .350 | B | 10UA | 10 | 45 | .080 |
| | 2N285A | PG 605 | 3 | SOL,ETC,HUG | 35 | | 15.0 | 3.000 | 25.000 | C | 100J | .006 | E | 1MA | 25 | 35 | 1.000 |
| | 2N285B | PG 605 | 3 | SOL,HUG | 35 | | 15.0 | 3.000 | 25.000 | C | 100J | .006 | E | 80UA | 15 | 80 | .420 |
| | 2N291 | PG 210 | 5 | ETC | 25 | 12 | | .200 | .180 | A | 50J | AUD | | 25UA | 25 | 60 | |
| - | 2N291+ | PG 10 D | | GEC | 25 | | | .200 | .300 | C | 65J | AUD | | 25UA | 25 | 44 | |
| | 2N292 | NG 210 | 5 | ETC | 15 | 15R | .5 | .020 | .065 | A | 85J | 5.000 | B | 5UA | 15 | 21 | .001 |
| - | 2N292+ | NG 12 A | | GEC | 15 | 15 | | .020 | .065 | A | 85A | 5.000 | B | 5UA | 15 | 25 | |
| | 2N292A | NG 210 | 5 | ETC | 15 | 15R | .5 | .020 | .100 | A | 85J | 5.000 | B | 5UA | 15 | 21 | .001 |
| | 2N293 | NG 210 | 5 | ETC | 15 | 15R | | .020 | .065 | A | 85J | 4.000 | B | 5UA | 15 | 38 | |
| - | 2N293+ | NG 12 A | | GEC | 15 | 15 | | .020 | .065 | A | 85A | 8.000 | B | 5UA | 15 | 25 | |
| | 2N296 | NS 605 | 3 | SOL,HUG | 60 | | 15.0 | 2.000 | 20.000 | C | 100J | .006 | E | 2MA | 60 | 38 | 1.000 |
| | 2N297 | PG 605 | 3 | ETC,HUG | 60 | 505 | 9.0 | 5.000 | 45.000 | C | 95J | .005 | E | 5MA | 60 | 22 | 2.000 |
| | 2N297A | PG 605 | 3 | SOL,MOT,ETC,HUG,KSC | 60 | 40 | 40.0 | 4.000 | 35.000 | C | 100J | .005 | E | 200UA | 2 | 70 | .500 |
| - | 2N299 | PG 124 | 30 | PHL | 5 | | | .005 | .020 | A | 85J | 90.000 | F | 3UA | 5 | 10 | |
| - | 2N300 | PG 124 | 30 | PHL | 5 | | | .005 | .020 | A | 85J | 85.000 | F | 3UA | 5 | 20 | |
| | 2N301 | PG 605 | 3 | DEL,MOT,ETC,SOL,HUG,KSC | 40 | 32 | 10.0 | 3.000 | 45.000 | C | 95J | .006 | E | 3MA | 30 | 60 | .700 |
| | 2N301A | PG 605 | 3 | DEL,SOL,ETC,HUG,KSC | 60 | 32 | 10.0 | 3.000 | 45.000 | C | 95J | .006 | E | 3MA | 30 | 60 | .700 |
| | 2N302 | PG 210 | 5 | ETC | 15 | 10 | 2.0 | .200 | .150 | A | 85J | 7.000 | B | 6UA | 10 | 50 | .001 |
| | 2N303 | PG 210 | 5 | ETC | 15 | 10 | 2.0 | .200 | .150 | A | 85J | 14.000 | B | 6UA | 10 | 80 | .001 |
| | 2N306 | NG 210 | 5 | ETC | 20 | 15R | 10.0 | .100 | .180 | A | 85J | .600 | B | 25UA | 20 | 46 | |
| - | 2N306+ | NG 10 | 22 | SYL | 20 | 15R | 10.0 | | .180 | A | 85J | .600 | B | 20UA | 20 | 74 | |
| | 2N307 | PG 605 | 3 | MOT,ETC,HUG,KSC | 35 | 35 | 10.0 | 5.000 | 106.000 | C | 110J | .005 | E | 15MA | 35 | 40 | .200 |
| | 2N307A | PG 605 | 3 | MOT,SOL,ETC,HUG,KSC | 35 | 35 | 10.0 | 5.000 | 106.000 | C | 110J | .005 | E | 7MA | 35 | 60 | .200 |
| - | 2N307B | PG 605 | 3 | SYL | 35 | 35 | | 2.000 | 16.000 | C | 75J | .005 | E | 5MA | 35 | 50 | |
| | 2N308 | PG 210 | 5 | ETC | 20 | 20 | | .005 | .030 | A | 55J | AM IF | | 10UA | 9 | 30 | |
| - | 2N308+ | PG 10 B | | TII | 20 | 20 | | .005 | .030 | A | 55A | AM IF | | 10UA | 9 | | |
| | 2N309 | PG 210 | 5 | ETC | 20 | 20 | | .005 | .030 | A | 10J | AM IF | | 9UA | | 30 | |
| - | 2N309+ | PG 10 B | | TII | 20 | 20 | | .005 | .030 | A | 55A | AM IF | | 10UA | 9 | | |
| | 2N310 | PG 210 | 5 | ETC | 20 | 30 | | .005 | .030 | A | 10J | AM IF | | 9UA | | 50 | |
| - | 2N310+ | PG 10 B | | TII | 20 | 30 | | .005 | .030 | A | 55A | AM IF | | 10UA | 9 | | |
| | 2N311 | PG 210 | 5 | ETC | 15 | 15 | 15.0 | .005 | .150 | A | 85J | AUD | | 15UA | 15 | 50 | |
| | 2N312 | NG 210 | 5 | ETC | 15 | 15 | 6.0 | | .100 | A | 85J | LS SW | | 15UA | 25 | 50 | |
| - | 2N312+ | NG 210 | 5 | SYL | 15 | 15 | 15.0 | .200 | .100 | A | 85J | LS SW | | 10UA | 15 | 40 | |
| | 2N315 | PG 210 | 5 | ETC | 20 | 15 | 20.0 | .500 | .100 | A | 85J | 5.000 | B | 2UA | 5 | 22 | .100 |
| | 2N315A | PG 210 | 5 | ETC,TII | 30 | 20 | 20.0 | .500 | .150 | A | 85J | 5.000 | B | 2UA | 5 | 34 | .100 |
| | 2N316 | PG 210 | 5 | ETC | 20 | 10 | 20.0 | .500 | .100 | A | 85J | 12.000 | B | 2UA | 5 | 34 | .200 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | Frequency Response (MHz) | Condition | Cutoff $I_{CBO}$ @ $V_{CB}$ | | Gain $h_{FE}$ @ $I_C$(A) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2N316A | PG 210 | 5 | ETC | 30 | 15 | 20.0 | .500 | .150 | A | 85J | | 12.000 | B | 2UA | 5 | 34 | .200 |
| | 2N317 | PG 210 | 5 | ETC | 20 | 6 | 20.0 | .500 | .100 | A | 85J | | 20.000 | B | 2UA | 5 | 35 | .400 |
| | 2N317A | PG 210 | 5 | ETC,TII | 25 | 10 | 20.0 | .500 | .150 | A | 85J | | 20.000 | B | 2UA | 5 | 35 | .400 |
| | 2N319 | PG 212 | 5 | ETC,GEC,MOT | 25 | 20R | 5.0 | .200 | .225 | A | 85J | | 2.000 | B | 16UA | 25 | 34 | |
| | 2N320 | PG 212 | 5 | ETC,GEC,MOT,SES | 25 | 20R | 5.0 | .200 | .225 | A | 85J | | 2.500 | B | 16UA | 25 | 50 | |
| | 2N321 | PG 212 | 5 | ETC,GEC,MOT,SES | 25 | 20R | 5.0 | .200 | .225 | A | 85J | | 3.000 | B | 16UA | 25 | 80 | |
| | 2N322 | PG 212 | 5 | ETC,GEC,MOT,SES | 18 | 18R | 5.0 | .200 | .200 | A | 60J | | 1.000 | B | 16UA | 16 | 50 | |
| | 2N323 | PG 212 | 5 | ETC,GEC,MOT,SES | 18 | 18R | 5.0 | .200 | .200 | A | 60J | | 1.500 | B | 16UA | 16 | 80 | |
| | 2N324 | PG 212 | 5 | ETC,GEC,MOT,SES | 18 | 18R | 5.0 | .200 | .140 | A | 60J | | 1.500 | B | 16UA | 16 | 130 | |
| - | 2N325 | PG 605 | 3 | SYL | 35 | 35 | | 2.000 | 12.000 | C | 85J | | .005 | E | 500UA | 30 | 40 | |
| - | 2N326 | NG 605 | 3 | SYL | 35 | 35 | | 2.000 | 7.000 | C | 85J | | .005 | E | 500UA | 35 | 44 | |
| - | 2N327 | PS 170 | 9 | RAY | 40 | 35 | | .050 | .330 | A | 160A | | .300 | B | 5NA | 20 | 14 | |
| | 2N327A | PS 210 | 5 | HUG,RAY,SSD,ETC,NSC,SOL | 50 | 40 | 20.0 | .050 | .330 | A | 160J | | 5.000 | G | 100NA | 30 | 14 | .003 |
| | 2N327B | PS 210 | 5 | RAY,SOL,HUG,CRY | 50 | 40 | 20.0 | | .400 | A | 200J | | 2.000 | G | 1NA | 30 | 15 | .003 |
| - | 2N328 | PS 170 | 9 | RAY | 30 | 35 | | .050 | .330 | A | 160A | | .350 | B | 5NA | 20 | 24 | |
| | 2N328A | PS 210 | 5 | HUG,RAY,SSD,ETC,NSC,SOL | 50 | 35 | 20.0 | .050 | .330 | A | 160J | | 5.000 | G | 100NA | 30 | 26 | .003 |
| | 2N328B | PS 210 | 5 | RAY,SOL,HUG,CRY | 50 | 35 | 20.0 | | .400 | A | 200J | | 2.000 | G | 1NA | 30 | 30 | .003 |
| - | 2N329 | PS 170 | 9 | RAY | 20 | 35 | | .050 | .330 | A | 160A | | .600 | B | 5NA | 20 | 50 | |
| | 2N329A | PS 210 | 5 | HUG,RAY,SSD,ETC,NSC,SOL | 50 | 30 | 20.0 | .050 | .330 | A | 160J | | 15.000 | G | 100NA | 30 | 60 | .003 |
| | 2N329B | PS 210 | 5 | RAY,SOL,HUG,CRY | 50 | 30 | 20.0 | | .400 | A | 200J | | 2.000 | G | 1NA | 30 | 60 | .003 |
| - | 2N330 | PS 170 | 9 | RAY | 20 | 35 | | .050 | .330 | A | 160A | | .500 | B | 5NA | 20 | 30 | |
| | 2N330A | PS 210 | 5 | SSD,SOL,HUG,CRY | 50 | 30 | 20.0 | .050 | .330 | A | 160J | | .500 | B | 100NA | 30 | 26 | |
| | 2N331 | PG 210 | 5 | ETC,MOT,GIC | 30 | | 12.0 | .200 | .200 | A | 65J | | .400 | B | 16UA | 30 | 60 | |
| | 2N332 | NS 210 | 5 | TEC,TII,ETC,HUG | 45 | | 1.0 | .025 | .150 | A | 175J | | 1.000 | B | 2NA | 30 | 14 | |
| | 2N332A | NS 210 | 5 | ETC,TII,TEC,HUG | 45 | 45 | 4.0 | .025 | .500 | A | 175J | | 2.500 | B | 500NA | 30 | 16 | |
| | 2N333 | NS 210 | 5 | TEC,TII,ETC,HUG | 45 | | 1.0 | .025 | .150 | A | 175J | | 2.000 | B | 2UA | 30 | 31 | |
| | 2N333A | NS 210 | 5 | ETC,TII,ETC,HUG | 45 | 45 | 4.0 | .025 | .500 | A | 175J | | 2.500 | B | 500NA | 30 | 30 | |
| | 2N334 | NS 210 | 5 | TEC,TII,ETC,HUG | 45 | | 1.0 | .025 | .150 | A | 175J | | 8.000 | B | 2UA | 30 | 38 | |
| | 2N334A | NS 210 | 5 | ETC,TII,TEC,HUG | 45 | 45 | 4.0 | .025 | .500 | A | 175J | | 8.000 | B | 500NA | 30 | 50 | |
| | 2N335 | NS 210 | 5 | TEC,TII,ETC,HUG | 45 | | 1.0 | .025 | .150 | A | 175J | | 2.000 | B | 2UA | 30 | 56 | |
| | 2N335A | NS 210 | 5 | ETC,TII,TEC,HUG | 45 | 45 | 4.0 | .025 | .500 | A | 175J | | 2.500 | B | 500NA | 30 | 60 | |
| | 2N335B | NS 210 | 5 | ETC,HUG | 60 | 60 | 4.0 | .025 | .500 | A | 175J | | 2.500 | B | 500NA | 30 | 60 | |
| | 2N336 | NS 210 | 5 | TEC,TII,ETC,HUG | 45 | | 1.0 | .025 | .150 | A | 175J | | 2.000 | B | 2UA | 30 | 100 | |
| | 2N336A | NS 210 | 5 | ETC,TII,TEC,HUG | 45 | 45 | 4.0 | .025 | .500 | A | 175J | | 2.500 | B | 500NA | 30 | 150 | |
| | 2N337 | NS 210 | 5 | RAD,TEC,TII,HUG | 45 | | 1.0 | .020 | .025 | A | 150J | | 10.000 | B | 1UA | 20 | 56 | |
| | 2N337A | NS 210 | 5 | TEC,HUG | 45 | 35 | 2.5 | .020 | .500 | A | 175J | | 15.000 | B | 500NA | 30 | 56 | |
| | 2N338 | NS 210 | 5 | RAD,TEC,TII,ETC,HUG | 45 | | 1.0 | .020 | .125 | A | 150J | | 20.000 | B | 1UA | 20 | 100 | |
| | 2N338A | NS 210 | 5 | TEC,HUG | 45 | 35 | 2.5 | .020 | .500 | A | 175J | | 25.000 | B | 500NA | 30 | 100 | |
| | 2N339 | NS 210 | 11 | TII,ETC,TEC,HUG | 55 | 55 | 1.0 | .060 | 1.000 | C | 150J | | AUD | | 1UA | 30 | 50 | |
| | 2N339A | NS 210 | 11 | ETC,TEC,HUG | 60 | 60 | 3.0 | | 1.000 | A | 200J | | | | 1UA | 30 | 30 | .050 |
| | 2N340 | NS 210 | 11 | TII,ETC,TEC,HUG | 85 | 85 | 1.0 | .060 | 1.000 | C | 150J | | AUD | | 1UA | 30 | 50 | |
| | 2N340A | NS 210 | 11 | ETC,TEC,HUG | 85 | 85 | 3.0 | | 1.000 | A | 200J | | | | 1UA | 30 | 30 | .050 |
| | 2N341 | NS 210 | 11 | TII,ETC,HUG | 125 | 125 | 1.0 | .060 | 1.000 | C | 150J | | AUD | | 1UA | 30 | 50 | |
| | 2N341A | NS 210 | 11 | ETC,TEC,HUG | 125 | 125 | 3.0 | | 1.000 | A | 200J | | | | 1UA | 30 | 47 | |
| | 2N342 | NS 210 | 11 | TII,ETC,TEC,HUG | 60 | 60 | 1.0 | .060 | 1.000 | C | 150J | | AUD | | 1UA | 30 | 16 | |
| | 2N342A | NS 210 | 11 | TII,ETC,TEC,HUG | 85 | 85 | 1.0 | .060 | 1.000 | C | 150J | | AUD | | 1UA | 30 | 16 | |
| | 2N342B | NS 210 | 11 | TEC | 85 | 85 | 2.0 | .060 | .750 | C | 150J | | AUD | | 1UA | 30 | 20 | |
| | 2N343 | NS 210 | 11 | TEC,ETC,HUG,TII | 60 | 60 | 1.0 | .060 | 1.000 | C | 150J | | AUD | | 1UA | 30 | 56 | |
| | 2N343A | NS 210 | 11 | TEC,HUG | 60 | 60 | 1.0 | | 1.000 | C | 150J | | AUD | | 1UA | 30 | 56 | |
| | 2N343B | NS 210 | 11 | HUG | 65 | 65 | 2.0 | .060 | 1.000 | C | 150J | | AUD | | 1UA | 30 | 56 | |
| | 2N344 | PG 116 | 24 | HUG,SPR | 5 | 5 | 5.0 | .005 | .040 | A | 55J | | 30.000 | F | 3UA | 5 | 22 | |
| | 2N345 | PG 116 | 24 | HUG,SPR | 5 | 5 | 5.0 | .005 | .040 | A | 55J | | 30.000 | F | 3UA | 5 | 60 | |
| | 2N346 | PG 116 | 24 | HUG,SPR | 5 | 5 | 5.0 | .005 | .040 | A | 55J | | 60.000 | F | 3UA | 5 | 20 | |
| | 2N350 | PG 605 | 3 | SOL,ETC,HUG,KSC | 40 | 30 | 10.0 | 3.000 | 25.000 | C | 100J | | .005 | E | 3MA | 30 | 40 | |
| | 2N350A | PG 605 | 3 | MOT,SOL,ETC,HUG,KSC | 50 | 40 | 10.0 | 6.000 | 40.000 | C | 100J | | .005 | E | 3MA | 30 | 40 | |
| | 2N351 | PG 605 | 3 | RCA,SOL,ETC,HUG,KSC | 40 | 30S | 10.0 | 3.000 | 10.000 | A | 90J | | AUD | | 3MA | 30 | 60 | |
| | 2N351A | PG 605 | 3 | MOT,SOL,HUG,KSC | 50 | 40 | 10.0 | | 40.000 | C | 100J | | .005 | E | 3MA | 30 | 60 | |
| | 2N356 | NG 210 | 5 | ETC | 20 | 12 | 20.0 | .500 | .100 | A | 100J | | 3.000 | B | 5UA | 5 | 34 | .100 |
| | 2N356A | NG 210 | 5 | ETC | 30 | 20 | 20.0 | .500 | .150 | A | 85J | | 3.000 | B | 5UA | 5 | 34 | .100 |
| | 2N357 | NG 210 | 5 | ETC | 20 | 15 | 20.0 | .500 | .100 | A | 100J | | 6.000 | B | 5UA | 5 | 34 | .200 |
| | 2N357+ | NG 170 | 9 | TAD | 20 | 15 | 20.0 | .500 | .100 | A | 75A | | 6.000 | B | 5UA | 5 | 30 | |
| | 2N357A | NG 210 | 5 | ETC | 30 | 20 | 20.0 | .500 | .150 | A | 100J | | 6.000 | B | 5UA | 5 | 50 | .200 |
| | 2N358 | NG 210 | 5 | ETC | 20 | 12 | 20.0 | .500 | .100 | A | 100J | | 9.000 | B | 5UA | 5 | 34 | .300 |
| - | 2N358+ | NG 170 | 9 | TAD,SYL | 20 | 12 | 20.0 | .500 | .100 | A | 75A | | 9.000 | B | 5UA | 5 | 30 | |
| | 2N358A | NG 210 | 5 | ETC | 30 | 15 | 20.0 | .500 | .150 | A | 100J | | 9.000 | B | 5UA | 5 | 50 | .300 |
| | 2N359 | PG 210 | 5 | ETC | 25 | 18R | 6.0 | .200 | .175 | A | 95J | | 3.500 | B | 10UA | 12 | 175 | .050 |
| | 2N360 | PG 210 | 5 | ETC | 32 | 30R | 6.0 | .200 | .175 | A | 95J | | 2.500 | B | 10UA | 12 | 88 | .050 |
| | 2N361 | PG 210 | 5 | ETC | 32 | 30R | 6.0 | .200 | .175 | A | 95J | | 2.500 | B | 10UA | 12 | 44 | .050 |
| | 2N362 | PG 210 | 5 | ETC | 25 | 18 | 6.0 | .100 | .175 | A | 75J | | 2.000 | B | 10UA | 12 | 100 | |
| | 2N363 | PG 210 | 5 | ETC | 40 | 30 | 6.0 | .100 | .175 | A | 95J | | 1.500 | B | 10UA | 12 | 50 | |
| | 2N364 | NG 210 | 5 | ETC | 30 | 25R | 2.0 | .075 | .150 | A | 85J | | 1.000 | B | 10UA | 30 | 14 | |
| - | 2N364+ | NG 10 | B | TII | 30 | | 2.0 | .050 | .150 | A | 75J | | 1.000 | B | 10UA | 30 | 14 | |
| | 2N365 | NG 210 | 5 | ETC | 30 | 25R | 2.0 | .075 | .150 | A | 85J | | 1.000 | B | 10UA | 30 | 38 | |
| - | 2N365+ | NG 10 | B | TII | 30 | | 2.0 | .050 | .150 | A | 75J | | 1.000 | B | 10UA | 30 | 28 | |
| | 2N366 | NG 210 | 5 | ETC | 30 | 25R | 2.0 | .075 | .150 | A | 85J | | 1.000 | B | 10UA | 30 | 100 | |
| - | 2N366+ | NG 10 | B | TII | 30 | | 2.0 | .050 | .150 | A | 75J | | 1.000 | B | 10UA | 30 | 80 | |
| | 2N367 | PG 210 | 5 | ETC | 30 | 25R | 10.0 | .075 | .150 | A | 85J | | .300 | B | 15UA | 30 | 14 | |
| | 2N368 | PG 210 | 5 | ETC | 30 | 25R | 10.0 | .075 | .150 | A | 85J | | .400 | B | 15UA | 30 | 38 | |
| - | 2N368+ | PG 10 | B | TII | 30 | | 10.0 | .050 | .100 | A | 75J | | .400 | B | 20UA | 30 | 34 | |
| | 2N369 | PG 210 | 5 | ETC | 30 | | 10.0 | | .150 | A | 85J | | .500 | B | 15UA | 30 | 90 | |
| - | 2N369+ | PG 10 | B | TII | 30 | | 10.0 | .050 | .100 | A | 75J | | .500 | B | 20UA | 30 | 70 | |
| - | 2N370 | PG 75 | 7 | RCA | 20 | | 1.5 | .010 | .080 | A | 71A | | 130.000 | G | 20UA | | 60 | |
| - | 2N371 | PG 75 | 7 | RCA | 20 | | 1.5 | .010 | .080 | A | 71A | | 130.000 | G | 20UA | 12 | 60 | |
| - | 2N372 | PG 75 | 7 | RCA | 20 | | 1.5 | .010 | .080 | A | 71A | | 130.000 | G | 20UA | | 60 | |
| - | 2N373 | PG 75 | 7 | RCA | 25 | | 1.5 | .010 | .080 | A | 71A | | 130.000 | G | 8UA | 12 | 60 | |
| - | 2N374 | PG 75 | 7 | RCA | 25 | | 1.5 | .010 | .080 | A | 71A | | 130.000 | G | 8UA | 12 | 60 | |
| | 2N375 | PG 605 | 3 | SOL,MOT,ETC,HUG,KSC | 80 | 60R | 20.0 | 3.000 | 90.000 | C | 90J | | .007 | E | 3MA | 60 | 60 | |
| | 2N376 | PG 605 | 3 | RCA,SOL,ETC,HUG,KSC | 40 | 30R | 10.0 | 3.000 | 65.000 | C | 90J | | .005 | E | 3MA | 30 | 60 | |
| | 2N376A | PG 605 | 3 | MOT,SOL,ETC,HUG,KSC | 50 | 40R | 10.0 | 5.000 | 60.000 | C | 100J | | .005 | E | 3MA | 30 | 80 | .700 |
| | 2N377 | NG 210 | 5 | ETC,TAD,TII | 25 | 20R | 15.0 | .200 | .150 | A | 100J | | 6.000 | B | 20UA | 20 | 40 | .030 |
| | 2N377A | NG 210 | 5 | ETC | 40 | 40X | 15.0 | .200 | .200 | A | 100J | | 6.000 | B | 40UA | 40 | 35 | .030 |
| | 2N378 | PG 605 | 3 | MOT,SOL,ETC,HUG,KSC | 20 | | | 5.000 | 106.000 | C | 110J | | .005 | E | 500UA | 25 | 60 | 2.000 |
| | 2N379 | PG 605 | 3 | DEL,TSE,MOT,SOL,ETC,HUG | 80 | 40 | 20.0 | 7.000 | 100.000 | C | 110J | | .003 | E | 500UA | 25 | 40 | 2.000 |
| | 2N380 | PG 605 | 3 | DEL,TSE,MOT,SOL,ETC,HUG | 60 | 30 | 20.0 | 7.000 | 100.000 | C | 110J | | .003 | E | 500UA | 25 | 40 | 2.000 |
| | 2N381 | PG 212 | 5 | ETC,MOT | 50 | 25R | 20.0 | .400 | .225 | A | 85J | | 3.000 | B | 15UA | 25 | 40 | |
| | 2N382 | PG 212 | 5 | ETC,MOT,TSE | 50 | 25R | 20.0 | .400 | .225 | A | 85J | | 4.000 | B | 10UA | 25 | 90 | |
| | 2N383 | PG 212 | 5 | MOT,TSE,ETC | 50 | 25R | 20.0 | .400 | .225 | A | 100J | | 5.000 | B | 10UA | 25 | 100 | |
| | 2N384 | PG 128 | 44 | CSF,RCA | 40 | | .5 | .010 | .120 | A | 100A | | 50.000 | B | 12UA | 12 | 100 | |
| | 2N385 | NG 212 | 5 | TAD,ETC | 25 | 25R | 15.0 | .200 | .150 | A | 100J | | 4.000 | B | 10UA | 25 | 70 | |
| | 2N385A | NG 212 | 5 | TAD,ETC | 40 | | 15.0 | .200 | .200 | A | 100J | | 4.000 | B | 40UA | 40 | 70 | |
| | 2N388 | NG 212 | 5 | CSF,RCA,TAD,TII,ETC,ITT | 25 | 20 | 15.0 | .200 | .150 | A | 100J | | 5.000 | B | 10UA | 25 | 120 | .030 |
| | 2N388A | NG 212 | 5 | TII,RCA,TAD,ETC,TIL | 40 | | 15.0 | .200 | .200 | A | 100J | | 8.000 | B | 10UA | 25 | 120 | .030 |
| | 2N389 | NS 731 | 53 | AMF,TEC,TII,HUG,KSC,SEN | 60 | 60R | 10.0 | | 85.000 | C | 200J | | 8.500 | G | 10MA | 60 | 36 | |
| | 2N389A | NS 731 | 53 | AMF,TEC,TII,HUG,KSC,SEN | 60 | 60S | 10.0 | 3.000 | 85.000 | C | 200J | | 2.000 | B | 10MA | 60 | 36 | |
| | 2N392 | PG 605 | 3 | DEL,ETC,HUG,SOL | 60 | 45 | 40.0 | 5.000 | 90.000 | C | 100J | | .006 | E | 8MA | 60 | 110 | 3.000 |
| | 2N393 | PG 116 | 24 | SPR,HUG | 6 | 6 | 6.0 | .050 | .035 | A | 100J | | 25.000 | G | 5UA | 6 | 80 | |
| | 2N394 | PG 212 | 5 | ETC | 30 | 10 | 20.0 | .200 | .150 | A | 85J | | 4.000 | B | 6UA | 10 | 44 | |
| | 2N395 | PG 212 | 5 | ETC,TAD,TII,RCA | 30 | 20R | 15.0 | .200 | .150 | A | 85J | | 3.000 | B | 6UA | 15 | 60 | |
| | 2N396 | PG 212 | 5 | CSF,ETC,TAD,TII,RCA | 20 | 20R | 10.0 | .200 | .150 | A | 85J | | 5.000 | B | 6UA | 20 | 70 | |
| | 2N396A | PG 212 | 5 | GEC,ETC | 30 | 20 | 20.0 | .200 | .200 | A | 85A | | 8.000 | B | 6UA | 20 | 70 | |
| | 2N397 | PG 210 | 5 | CSF,TII,TAD,RCA | 30 | 15R | 20.0 | .200 | .200 | A | 85J | | 10.000 | B | 6UA | 15 | 100 | |
| | 2N398 | PG 210 | 5 | RCA,MOT,TII | 105 | 105S | 50.0 | .100 | .050 | A | 55A | | .500 | B | 50UA | 105 | 40 | |
| | 2N398A | PG 210 | 5 | RCA,MOT,TII | 105 | 105S | 50.0 | .100 | .150 | A | 100A | | .500 | B | 50UA | 105 | 40 | |
| | 2N398B | PG 210 | 5 | RCA,TII,TAD | 105 | 105S | 50.0 | .100 | .150 | A | 100A | | .100 | B | 25UA | 105 | 60 | |
| | 2N399 | PG 605 | 3 | SOL,ETC,HUG,KSC | 35 | | 15.0 | 3.000 | 25.000 | C | 100J | | .006 | E | 1MA | 25 | 80 | .420 |
| | 2N400 | PG 605 | 3 | SOL,ETC,HUG,KSC | 35 | | 15.0 | 3.000 | 35.000 | C | 100J | | .006 | E | 2MA | 25 | 56 | 1.300 |
| | 2N401 | PG 605 | 3 | SOL,ETC,HUG,KSC | 35 | | 15.0 | 3.000 | 25.000 | C | 100J | | .006 | E | 1MA | 25 | 50 | .420 |
| | 2N402 | PG 210 | 5 | ETC | 25 | 20 | 10.0 | .150 | .180 | A | 85J | | .300 | B | 15UA | 20 | 30 | |
| | 2N403 | PG 210 | 5 | ETC | 25 | 20 | 10.0 | .200 | .180 | A | 85J | | .430 | B | 15UA | 20 | 40 | |
| | 2N404 | PG 210 | 5 | CSF,RCA,AMP,ETC,TAD,TII | 25 | 24 | 12.0 | .200 | .150 | A | 100A | | 12.000 | B | 5UA | 12 | 40 | .024 |
| | 2N404A | PG 210 | 5 | GEC,RCA,ETC,TAD,TII,GIC | 40 | 35 | 25.0 | .200 | .150 | A | 100J | | 12.000 | B | 5UA | 12 | 50 | |
| | 2N405 | PG 210 | 5 | ETC | 20 | 18 | 2.5 | .035 | .150 | A | 85J | | .650 | B | 14UA | 12 | 35 | |
| | 2N405+ | PG 55 | 40 | RCA | 20 | 18 | 2.5 | .035 | .150 | A | 71A | | .650 | B | 14UA | 6 | 35 | |
| | 2N406 | PG 210 | 5 | ETC | 20 | 18 | 2.5 | .035 | .150 | A | 71J | | .650 | B | 14UA | 12 | 35 | |
| | 2N406+ | PG 120 | 1 | RCA,TAD | 20 | 18 | 2.5 | .035 | .150 | A | 71A | | .650 | B | 14UA | 6 | 35 | |
| | 2N407 | PG 210 | 5 | ETC | 20 | 18 | 2.5 | .070 | .150 | A | 71J | | | | 14UA | 12 | 75 | .050 |
| | 2N407+ | PG 55 | 40 | RCA | 20 | 18 | 2.5 | .070 | .150 | A | 71A | | AUD | | 14UA | 12 | 65 | |
| | 2N408 | PG 210 | 5 | ETC | 20 | 18 | 2.5 | .070 | .150 | A | 71J | | AUD | | 14UA | 12 | 70 | .050 |
| | 2N408+ | PG 120 | 1 | RCA,TAD | 20 | 18 | 2.5 | .070 | .150 | A | 71A | | AUD | | 14UA | 12 | 65 | |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Condition | Cutoff $I_{CBO}$ @ $V_{CB}$ | | Gain $h_{FE}$ @ $I_C$(A) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. / Temp. (°C) Cond. | | | | | | |
| | 2N409 | PG 210 | 5 | ETC | 13 | 9 | .5 | .015 | .080 | A 71J | 6.800 | B | 10UA | 13 | 48 | |
| - | 2N409+ | PG 55 | 40 | RCA | 13 | 10 | .5 | .015 | .080 | A 71A | 6.800 | B | 10UA | 13 | 48 | |
| | 2N410 | PG 210 | 5 | ETC | 13 | 9 | .5 | .015 | .080 | A 71J | 6.800 | B | 10UA | 16 | 48 | |
| - | 2N410+ | PG 120 | 1 | RCA | 13 | 10 | .5 | .015 | .080 | A 71A | 6.800 | B | 10UA | 13 | 48 | |
| | 2N411 | PG 210 | 5 | ETC | 13 | 9 | .5 | .015 | .080 | A 71J | 10.000 | B | 10UA | 13 | 75 | |
| - | 2N411+ | PG 55 | 40 | RCA | 13 | 10 | .5 | .015 | .080 | A 71A | 10.000 | B | 10UA | 13 | 75 | |
| | 2N412 | PG 210 | 5 | ETC | 13 | 9 | .5 | .015 | .080 | A 71J | 10.000 | B | 10UA | 13 | 75 | |
| - | 2N412+ | PG 120 | 1 | RCA | 13 | 10 | .5 | .015 | .080 | A 71A | 10.000 | B | 10UA | 13 | 75 | |
| | 2N413 | PG 210 | 5 | GEC,ETC,TAD | 30 | 18 | 20.0 | .200 | .150 | A 85A | 3.000 | B | 5UA | 12 | 40 | |
| | 2N413A | PG 210 | 5 | ETC | 30 | 15 | 20.0 | .200 | .150 | A 85J | 1.550 | B | 5UA | 12 | 24 | |
| | 2N414 | PG 210 | 5 | GEC,RCA,TAD,ETC | 30 | 15 | 20.0 | .200 | .150 | A 85A | 7.000 | B | 5UA | 12 | 60 | |
| | 2N414A | PG 210 | 5 | ETC | 30 | 15 | 20.0 | .200 | .150 | A 85J | 2.000 | B | 5UA | 12 | 60 | |
| | 2N414B | PG 210 | 5 | ETC | 30 | 15 | 20.0 | .200 | .200 | A 85J | 4.000 | B | 5UA | 12 | 60 | |
| | 2N414C | PG 210 | 5 | ETC | 30 | 15 | 20.0 | .200 | .200 | A 85J | 4.000 | B | 5UA | 12 | 60 | |
| | 2N415 | PG 210 | 5 | ETC | 30 | 10 | 20.0 | .200 | .150 | A 85J | 5.000 | B | 5UA | 12 | 80 | |
| | 2N415A | PG 210 | 5 | ETC | 30 | 10 | 20.0 | .200 | .150 | A 85J | 5.000 | B | 5UA | 12 | 80 | |
| | 2N416 | PG 210 | 5 | ETC | 30 | 12 | 20.0 | .200 | .150 | A 85J | 5.000 | B | 5UA | 12 | 80 | |
| | 2N417 | PG 210 | 5 | ETC | 30 | 10 | 20.0 | .200 | .150 | A 85J | 10.000 | B | 5UA | 12 | 140 | |
| | 2N418 | PG 605 | 3 | SOL,ETC,HUG,KSC | 75 | | 15.0 | 5.000 | 25.000 | C 100J | .004 | E | 2MA | 60 | 80 | 4.000 |
| | 2N419 | PG 605 | 3 | SOL,ETC,HUG,KSC | 40 | | 15.0 | 3.000 | 25.000 | C 100J | .006 | E | 1MA | 25 | 56 | .420 |
| | 2N420 | PG 605 | 3 | SOL,ETC,HUG,KSC | 40 | | 15.0 | 5.000 | 25.000 | C 100J | .004 | E | 1MA | 25 | 80 | 4.000 |
| | 2N420A | PG 605 | 3 | SOL,HUG,KSC | 65 | | 15.0 | 5.000 | 25.000 | C 100J | .004 | E | 2MA | 60 | 80 | 4.000 |
| | 2N422 | PG 210 | 5 | ETC,HUG | 35 | 20 | 15.0 | .100 | .150 | A 85J | .500 | B | 12UA | 20 | 60 | |
| | 2N424 | NS 731 | 53 | AMF,TEC,TII,HUG,KSC,SEN | 80 | 80R | 10.0 | 3.000 | 85.000 | C 200J | 6.000 | G | 10MA | 60 | 36 | |
| | 2N424A | NS 731 | 53 | AMF,TEC,TII,HUG,KSC,SEN | 80 | 80S | 10.0 | 3.000 | 85.000 | C 200J | 2.000 | B | 10MA | 60 | 36 | |
| | 2N425 | PG 210 | 5 | ETC,TAD | 30 | 20 | 20.0 | .400 | .150 | A 85A | 2.500 | B | 25UA | 30 | 20 | .010 |
| | 2N426 | PG 210 | 5 | TAD,TII,ETC | 30 | 18 | 20.0 | .400 | .150 | A 85J | 6.000 | B | 25UA | 30 | 25 | .010 |
| | 2N427 | PG 210 | 5 | TAD,TII,ETC | 30 | 15 | 20.0 | .400 | .150 | A 85J | 11.000 | B | 25UA | 20 | 25 | .010 |
| | 2N428 | PG 210 | 5 | CSF,TII,TAD,ETC,HUG | 30 | 12 | 20.0 | .400 | .150 | A 85J | 17.000 | B | 25UA | 30 | 30 | .010 |
| | 2N438 | NG 210 | 5 | ETC,TAD,TII | 30 | 25 | 25.0 | .400 | .150 | A 85J | 2.500 | B | 10UA | 25 | 25 | |
| | 2N438A | NG 210 | 5 | TAD,ETC,GIC,TII | 30 | 25 | 25.0 | .400 | .200 | A 85J | 2.500 | B | 10UA | 25 | 25 | |
| | 2N439 | NG 210 | 5 | TII,TAD,ETC | 30 | 25 | 25.0 | .400 | .150 | A 85J | 5.000 | B | 10UA | 25 | 45 | .050 |
| | 2N439A | NG 210 | 5 | TAD,ETC,GIC | 30 | 25 | 25.0 | .400 | .200 | A 85J | 5.000 | B | 10UA | 25 | 45 | .050 |
| | 2N440 | NG 210 | 5 | TII,TAD,ETC | 30 | 20 | 25.0 | .400 | .150 | A 85J | 12.000 | B | 10UA | 25 | 70 | .050 |
| | 2N440A | NG 210 | 5 | TAD,ETC,GIC | 30 | 15 | 25.0 | .400 | .200 | A 85J | 12.000 | B | 10UA | 25 | 70 | 5.000 |
| | 2N441 | PG 405 | 36 | DEL,MOT,ETC,SOL,HUG | 40 | 40 | 20.0 | 15.000 | 150.000 | C 100C | .010 | E | 4MA | 40 | 30 | 5.000 |
| | 2N442 | PG 405 | 36 | DEL,MOT,ETC,SOL,HUG | 50 | 45 | 30.0 | 15.000 | 150.000 | C 100C | .010 | E | 4MA | 50 | 30 | 5.000 |
| | 2N443 | PG 405 | 36 | DEL,MOT,ETC,SOL,HUG | 60 | 50 | 40.0 | 15.000 | 150.000 | C 100C | .010 | E | 4MA | 60 | 30 | 5.000 |
| | 2N444 | NG 210 | 5 | ETC | 15 | 15 | 10.0 | .100 | .180 | A 85J | .500 | B | 6UA | 10 | 20 | |
| - | 2N444+ | NG 170 | 9 | CBS | 15 | 15 | 10.0 | .100 | .100 | A 85J | .500 | B | 6UA | 10 | 20 | |
| | 2N444A | NG 210 | 5 | ETC | 35 | 25 | 10.0 | | .150 | A 100J | .500 | B | 4UA | 5 | 30 | .020 |
| | 2N445 | NG 210 | 5 | ETC | 15 | 12 | 10.0 | .100 | .180 | A 85J | 2.000 | B | 6UA | 10 | 40 | |
| - | 2N445+ | NG 170 | 9 | CBS | 15 | 12 | 10.0 | .100 | .100 | A 85J | 2.000 | B | 6UA | 10 | 40 | |
| | 2N445A | NG 210 | 5 | ETC,GIC | 25 | 18 | 10.0 | | .150 | A 100J | 2.000 | B | 4UA | 5 | 80 | .020 |
| | 2N446 | NG 210 | 5 | ETC | 15 | 10 | 10.0 | .100 | .180 | A 85J | 5.000 | B | 6UA | 10 | 60 | |
| - | 2N446+ | NG 170 | 9 | CBS | 15 | 10 | 10.0 | .100 | .100 | A 85J | 5.000 | B | 6UA | 10 | 60 | |
| | 2N446A | NG 210 | 5 | ETC,GIC | 25 | 15 | 10.0 | | .150 | A 100J | 5.000 | B | 4UA | 5 | 120 | .020 |
| | 2N447 | NG 210 | 5 | ETC | 15 | 6 | 10.0 | | .100 | A 85J | 9.000 | B | 6UA | 10 | 50 | |
| - | 2N447+ | NG 295 A | | GTC | 45 | 24 | 12.0 | .100 | .075 | A 85A | 1.000 | B | 10UA | 20 | 50 | |
| | 2N447A | NG 210 | 5 | ETC,GIC | 25 | 12 | 10.0 | | .150 | A 100J | 9.000 | B | 4UA | 5 | 155 | .020 |
| | 2N448 | NG 210 | 5 | ETC | 15 | 15R | | .020 | .065 | A 85J | 2.500 | B | 5UA | 15 | 34 | |
| - | 2N448+ | NG 12 A | | GEC | 15 | 15 | | .020 | .065 | A 85A | 5.000 | B | 5UA | 15 | 30 | |
| | 2N449 | NG 210 | 5 | ETC | 15 | 15 | | .020 | .065 | A 85J | 8.000 | B | 5UA | 15 | 68 | .001 |
| - | 2N449+ | NG 12 A | | GEC | 15 | 15 | | .020 | .065 | A 85A | 8.000 | B | 5UA | 15 | 70 | |
| | 2N450 | PG 210 | 5 | ETC | 20 | 12 | 10.0 | .125 | .150 | A 85J | 5.000 | B | 6UA | 12 | 60 | |
| - | 2N450+ | PG 57 C | | GEC | 20 | 12 | 10.0 | .125 | .150 | A 85J | 5.000 | B | 6UA | 12 | 130 | |
| | 2N456 | PG 605 | 3 | SOL,ETC,HUG,KSC | 40 | 40X | 20.0 | 5.000 | 50.000 | C 100J | .200 | G | 2MA | 40 | 20 | 5.000 |
| | 2N456A | PG 605 | 3 | DEL,TII,SOL,ETC,MOT,HUG | 40 | 30 | 20.0 | 7.000 | 150.000 | C 100J | .200 | G | 500UA | 20 | 60 | 5.000 |
| | 2N456B | PG 605 | 3 | DEL,TII,SOL,ETC,HUG,KSC | 40 | 30 | 30.0 | 7.000 | 150.000 | C 100J | .200 | G | 500UA | 20 | 56 | 5.000 |
| | 2N457 | PG 605 | 3 | SOL,ETC,HUG,KSC | 60 | 60X | 20.0 | 5.000 | 50.000 | C 95C | .200 | G | 500UA | 30 | 20 | 5.000 |
| | 2N457A | PG 605 | 3 | DEL,TII,TIL,ETC,MOT,HUG | 60 | 40 | 20.0 | 7.000 | 150.000 | C 100J | .200 | G | 500UA | 30 | 60 | 5.000 |
| | 2N457B | PG 605 | 3 | DEL,TII,SOL,ETC,HUG,KSC | 60 | 40 | 30.0 | 7.000 | 150.000 | C 100J | .200 | G | 500UA | 30 | 56 | 5.000 |
| | 2N458 | PG 605 | 3 | SOL,ETC,HUG,KSC | 80 | 80X | 20.0 | 5.000 | 50.000 | C 100J | .200 | G | 500UA | 40 | 20 | 5.000 |
| | 2N458A | PG 605 | 3 | DEL,TII,SOL,ETC,MOT,HUG | 80 | 45 | 20.0 | 7.000 | 150.000 | C 100J | .200 | G | 500UA | 40 | 60 | 5.000 |
| | 2N458B | PG 605 | 3 | DEL,TII,SOL,ETC,HUG,KSC | 80 | 45 | 30.0 | 7.000 | 150.000 | C 100J | .200 | G | 500UA | 40 | 56 | 5.000 |
| | 2N459 | PG 605 | 3 | MOT,ETC | | 60 | 10.0 | 5.000 | 106.000 | C 110J | .005 | E | 500UA | 25 | 38 | 2.000 |
| | 2N459A | PG 605 | 3 | MOT,ETC | 105 | 60 | 25.0 | 5.000 | 106.000 | C 110J | .005 | E | 500UA | 25 | 54 | 2.000 |
| | 2N460 | PG 212 | 5 | MOT,TSE,TAD,ETC | 45 | 35 | 10.0 | .400 | .200 | A 100J | 1.200 | B | 15UA | 45 | 26 | |
| | 2N461 | PG 212 | 5 | MOT,TAD,TSE,ETC | 45 | 35R | 10.0 | .400 | .200 | A 100J | 2.000 | B | 15UA | 45 | 100 | |
| - | 2N462 | PG 210 | 5 | ETC | 40 | | 40.0 | .200 | .150 | A 75J | .500 | B | 35UA | 35 | 40 | |
| | 2N464 | PG 210 | 5 | MOT,ETC,TAD | 40 | 40 | 12.0 | .100 | .150 | A 85J | 7.000 | B | 20UA | 40 | 26 | |
| | 2N465 | PG 210 | 5 | MOT,ETC,TAD,GIC | 40 | 30 | 12.0 | .100 | .150 | A 85J | 8.000 | B | 20UA | 40 | 30 | |
| | 2N466 | PG 210 | 5 | MOT,ETC,TAD | 35 | 20 | 12.0 | .100 | .150 | A 85J | 1.000 | B | 20UA | 35 | 70 | |
| | 2N467 | PG 210 | 5 | MOT,TAD,TII,ETC | 35 | 15 | 12.0 | .100 | .200 | A 85J | 1.200 | B | 20UA | 35 | 140 | |
| | 2N470 | NS 210 | 5 | ETC,TEC,HUG,TII | 15 | 15 | 2.0 | | .200 | A 200J | 18.000 | G | 500NA | 15 | 18 | |
| | 2N471 | NS 210 | 5 | ETC,TEC,HUG,TII | 30 | 30 | 2.0 | | .200 | A 200J | 18.000 | G | 500NA | 30 | 18 | |
| | 2N471A | NS 210 | 5 | ETC,TEC,HUG | 30 | 30S | 2.0 | | .200 | A 175J | 8.000 | B | 500NA | 30 | 16 | |
| | 2N472 | NS 210 | 5 | TEC,ETC,HUG,TII | 45 | 45 | 2.0 | .050 | .200 | A 200J | 18.000 | G | 500NA | 45 | 18 | |
| | 2N472A | NS 210 | 5 | ETC,TEC,HUG | 45 | 45S | 2.0 | | .200 | A 175J | 8.000 | B | 500NA | 30 | 16 | |
| | 2N473 | NS 210 | 5 | TEC,ETC,HUG,TII | 14 | 15 | 2.0 | .050 | .200 | A 200J | 18.000 | G | 500NA | 15 | 36 | |
| | 2N474 | NS 210 | 5 | TEC,ETC,HUG,TII | 30 | 30 | 2.0 | .050 | .200 | A 100J | 18.000 | G | 500NA | 30 | 36 | |
| | 2N474A | NS 210 | 5 | ETC,TEC,HUG | 30 | 30S | 2.0 | | .200 | A 175J | 8.000 | B | 500NA | 30 | 15 | .010 |
| | 2N475 | NS 210 | 5 | TEC,ETC,HUG,TII | 45 | 45 | 2.0 | .050 | .200 | A 200J | 18.000 | G | 500NA | 45 | 36 | |
| | 2N475A | NS 210 | 5 | ETC,TEC,HUG | 45 | 45S | 2.0 | | .200 | A 175J | 8.000 | B | 500NA | 45 | 15 | .010 |
| | 2N478 | NS 210 | 5 | ETC,TEC,HUG,TII | 15 | 15 | 2.0 | | .200 | A 200J | 25.000 | G | 500NA | 15 | 60 | |
| | 2N479 | NS 210 | 5 | ETC,TEC,HUG,TII | 30 | 30 | 2.0 | | .200 | A 200J | 25.000 | G | 500NA | 30 | 60 | |
| | 2N479A | NS 210 | 5 | ETC,TEC,HUG | 30 | 30S | 2.0 | | .200 | A 175J | 8.000 | B | 500NA | 30 | 30 | .010 |
| | 2N480 | NS 210 | 5 | ETC,TEC,TII | 45 | 45 | 2.0 | | .200 | A 200J | 25.000 | G | 500NA | 45 | 60 | |
| | 2N480A | NS 210 | 5 | ETC,TEC,HUG | 45 | 45S | 2.0 | | .200 | A 175J | 8.000 | B | 500NA | 45 | 30 | .010 |
| | 2N481 | PG 210 | 5 | ETC | 12 | 12 | 5.0 | .020 | .150 | A 85J | 1.500 | B | 10UA | 12 | 50 | |
| | 2N482 | PG 210 | 5 | ETC | 12 | 12 | 5.0 | .020 | .150 | A 85J | 1.500 | B | 10UA | 12 | 60 | |
| | 2N483 | PG 210 | 5 | ETC | 12 | 12 | 5.0 | .020 | .150 | A 85J | 3.000 | B | 10UA | 12 | 80 | |
| | 2N484 | PG 210 | 5 | ETC | 12 | 12 | 5.0 | .020 | .150 | A 85J | 5.000 | B | 10UA | 12 | 90 | |
| | 2N485 | PG 210 | 5 | ETC | 12 | 12 | 5.0 | .020 | .150 | A 85J | 5.000 | B | 10UA | 12 | 50 | |
| | 2N486 | PG 210 | 5 | ETC | 12 | 12 | 5.0 | .050 | .150 | A 85J | 9.000 | B | 10UA | 12 | 100 | |
| - | 2N495 | PS 120 | 1 | SPR | 25 | 25 | | .050 | .150 | A 140J | | | 1UA | 25 | 23 | .001 |
| | 2N496 | PS 120 | 1 | HUG | 10 | 10 | | .050 | .150 | A 140J | | | 100NA | 10 | 23 | .015 |
| | 2N497 | NS 211 | 5 | GEC,SSP,TII,RAY,NSC,TEC | 60 | 60 | 8.0 | .200 | .800 | A 200J | 60.000 | G | 10UA | 30 | 20 | .200 |
| | 2N497A | NS 211 | 5 | GEC,SSP,TII,TEC,HUG | 60 | 60 | 8.0 | .500 | 1.000 | A 200J | AUD | | 10UA | 30 | 20 | |
| | 2N498 | NS 211 | 5 | GEC,SSP,TII,RAY,NSC,TEC | 100 | 100 | 8.0 | .200 | .800 | A 200J | 60.000 | G | 10UA | 30 | 20 | .200 |
| | 2N498A | NS 211 | 5 | GEC,SSP,TII,TEC,HUG | 100 | 100 | 8.0 | .500 | 1.000 | A 200J | AUD | | 10UA | 30 | 20 | |
| | 2N499 | PG 120 | 1 | ETC,SPR,MOT,HUG | 30 | 18 | .5 | .050 | .030 | A 85J | 120.000 | G | 15UA | 15 | 40 | |
| | 2N499A | PG 120 | 1 | ETC,SPR,MOT,HUG | 30 | 18 | .5 | .050 | .060 | A 100J | 120.000 | G | 15UA | 15 | 40 | |
| | 2N500 | PG 170 | 9 | ETC | 15 | 12S | 2.0 | .050 | .060 | A 100J | 175.000 | G | 5UA | 5 | 30 | .010 |
| | 2N501 | PG 120 | 1 | SPR,ETC,HUG | 15 | 12S | 2.0 | .050 | .060 | A 100J | 120.000 | G | 5UA | 5 | 30 | .050 |
| - | 2N501/18 | PG 211 | 18 | SYL | 15 | 12S | 2.0 | .200 | .150 | A 100J | 50.000 | G | 100UA | 15 | 40 | |
| | 2N501A | PG 120 | 1 | SPR,ETC,HUG | 15 | 12S | 2.0 | .050 | .060 | A 100J | 175.000 | G | 5UA | 5 | 45 | .010 |
| | 2N502 | PG 170 | 9 | SPR,ETC,MOT,HUG | 20 | 20 | .5 | .100 | .060 | A 100J | 260.000 | G | 5UA | 10 | 18 | |
| | 2N502A | PG 170 | 9 | SPR,ETC,MOT,HUG | 30 | 30 | .5 | .100 | .075 | A 100J | 260.000 | G | 5UA | 10 | 30 | |
| | 2N502B | PG 170 | 9 | SPR,ETC,MOT,HUG | 30 | 30 | .5 | .100 | .075 | A 100J | 260.000 | G | 5UA | 10 | 40 | |
| | 2N503 | PG 170 | 9 | SPR,ETC,HUG | 20 | 20S | .5 | .050 | .025 | A 85J | 168.000 | G | 5UA | 10 | 15 | |
| | 2N504 | PG 120 | 1 | SPR,ETC,HUG | 35 | 25S | 1.0 | .050 | .040 | A 85J | 50.000 | F | 10UA | 12 | 16 | |
| | 2N505 | PG 210 | 5 | ETC | 40 | | 40.0 | .250 | .125 | A 85J | 5.000 | B | 10UA | 25 | 60 | |
| | 2N506 | PG 210 | 5 | ETC | 40 | | | .100 | .050 | A 85J | .600 | B | 15UA | 30 | 50 | |
| - | 2N506+ | PG 10 | 22 | SYL | 40 | | | .100 | .050 | A 85J | .600 | B | 125UA | 40 | 36 | |
| - | 2N507 | NG 10 | 22 | SYL | 40 | | | .100 | .050 | A 85J | .600 | B | 125UA | 40 | 36 | |
| | 2N508 | PG 212 | 5 | GEC,TAD,ETC,MOT | 18 | 16 | 5.0 | .200 | .200 | A 85J | 4.500 | B | 7UA | 16 | 120 | |
| | 2N508A | PG 212 | 5 | GEC,MOT | 30 | 30 | 10.0 | .200 | .200 | A 85J | 2.500 | B | 7UA | 25 | 120 | .020 |
| | 2N511 | PG 607 | 41 | TIL,TII,ETC,SOL,HUG | 40 | 30 | 30.0 | 25.000 | 150.000 | C 100J | .250 | G | 5UA | 40 | 40 | |
| | 2N511A | PG 607 | 41 | TIL,TII,ETC,SOL,HUG | 60 | 40 | 30.0 | 25.000 | 150.000 | C 100J | .250 | G | 5UA | 60 | 40 | |
| | 2N511B | PG 607 | 41 | TIL,TII,ETC,SOL,HUG | 80 | 45 | 30.0 | 25.000 | 150.000 | C 100J | .250 | G | 5UA | 80 | 40 | |
| | 2N512 | PG 607 | 41 | TIL,TII,ETC,HUG,SOL | 40 | 30 | 30.0 | 25.000 | 150.000 | C 100J | .270 | G | 5UA | 40 | 40 | |
| | 2N512A | PG 607 | 41 | SOL,TII,ETC,HUG,TIL | 60 | 40 | 30.0 | 25.000 | 150.000 | C 100J | .270 | G | 5UA | 60 | 40 | |
| | 2N512B | PG 607 | 41 | TIL,TII,ETC,HUG,SOL | 80 | 45 | 30.0 | 25.000 | 150.000 | C 100J | .270 | G | 5UA | 80 | 40 | |
| | 2N513 | PG 607 | 41 | SOL,ETC,HUG,TIL | 40 | 30 | 30.0 | 25.000 | 150.000 | C 100J | .300 | G | 5UA | 40 | 40 | |
| | 2N513A | PG 607 | 41 | TIL,ETC,HUG,SOL | 60 | 40 | 30.0 | 25.000 | 150.000 | C 100J | .300 | G | 5UA | 60 | 40 | |
| | 2N513B | PG 607 | 41 | SOL,ETC,HUG,TIL | 80 | 45 | 30.0 | 25.000 | 150.000 | C 100J | .330 | G | 5UA | 80 | 40 | |
| | 2N514 | PG 607 | 41 | TIL,ETC,SOL,HUG | 40 | 30 | 30.0 | 25.000 | 150.000 | C 100J | .430 | G | 5UA | 40 | 40 | |
| | 2N514A | PG 607 | 41 | TIL,ETC,SOL,HUG | 60 | 40 | 30.0 | 25.000 | 150.000 | C 100J | .430 | G | 5UA | 60 | 40 | |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff $I_{CBO}$ @ $V_{CB}$ | | Gain $h_{FE}$ @ $I_C$(A) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) Cond. | | | | | | |
| | 2N514B | PG 607 | 41 | TIL,ETC,SOL,HUG | 80 | 45 | 30.0 | 25.000 | 150.000 | C | 100J | .430 | G | 5UA | 80 | 40 | |
| | 2N515 | NG 210 | 5 | ETC | | 18R | | .050 | .100 | A | 100J | 2.000 | B | 50UA | 18 | 10 | .010 |
| - | 2N515+ | NG 10 | 22 | SYL | 18 | 18R | | .010 | .050 | A | 75J | 2.000 | B | 50UA | 18 | 10 | |
| | 2N516 | NG 210 | 5 | ETC | | 18R | | .050 | .100 | A | 100J | 2.000 | B | 50UA | 18 | 10 | |
| - | 2N516+ | NG 10 | 22 | SYL | 18 | 18R | | .010 | .050 | A | 75J | 2.000 | B | 50UA | 18 | 14 | |
| | 2N517 | NG 210 | 5 | ETC | | 18R | | .050 | .100 | A | 100J | 2.000 | B | 50UA | 18 | 10 | |
| - | 2N517+ | NG 10 | 22 | SYL | 18 | 18R | | .010 | .050 | A | 75J | 2.000 | B | 50UA | 18 | 18 | |
| | 2N518 | PG 210 | 5 | ETC | 45 | | 30.0 | .125 | .150 | A | 85J | 6.000 | B | 10UA | 25 | 60 | |
| | 2N519 | PG 210 | 5 | ETC | 15 | 15 | 10.0 | .200 | .200 | A | 100J | .500 | B | 25UA | 15 | 30 | |
| | 2N519A | PG 210 | 5 | ETC,GIC | 25 | 18 | 10.0 | | .150 | A | 100J | .500 | B | 25UA | 20 | 30 | .020 |
| | 2N520 | PG 210 | 5 | ETC,TII | 15 | 12 | 10.0 | .200 | .200 | A | 100J | 3.000 | B | 25UA | 15 | 40 | |
| | 2N520A | PG 210 | 5 | ETC,GIC,TII | 25 | 15 | 10.0 | | .150 | A | 100J | 3.000 | B | 25UA | 20 | 90 | .020 |
| | 2N521 | PG 210 | 5 | ETC | 15 | 10 | 10.0 | .200 | .200 | A | 100J | 8.000 | B | 25UA | 15 | 70 | |
| | 2N521A | PG 210 | 5 | ETC,GIC | 25 | 12 | 10.0 | | .150 | A | 100J | 8.000 | B | 25UA | 20 | 160 | .020 |
| | 2N522 | PG 210 | 5 | ETC | 15 | 8 | 10.0 | .200 | .200 | A | 100J | 15.000 | B | 25UA | 15 | 130 | |
| | 2N522A | PG 210 | 5 | ETC,GIC,TII | 25 | 10 | 10.0 | | .150 | A | 100J | 15.000 | B | 25UA | 20 | 200 | .020 |
| | 2N523 | PG 210 | 5 | ETC | 15 | 6 | 10.0 | .200 | .200 | A | 100J | 21.000 | B | 25UA | 15 | 160 | |
| | 2N523A | PG 210 | 5 | ETC,GIC | 20 | 6 | 10.0 | | .150 | A | 100J | 21.000 | B | 25UA | 15 | 250 | .020 |
| | 2N524 | PG 212 | 5 | CSF,GEC,MOT,ETC,TAD,TIL | 45 | 30R | 15.0 | .500 | .225 | A | 85J | 2.500 | B | 10UA | 30 | 30 | |
| | 2N524A | PG 211 | 5 | MOT | 45 | 30 | 15.0 | .500 | .225 | A | 100J | .800 | B | 10UA | 30 | 34 | .020 |
| | 2N525 | PG 212 | 5 | CSF,GEC,MOT,ETC,TAD,SES | 45 | 30R | 15.0 | .500 | .225 | A | 85J | 3.000 | B | 10UA | 30 | 44 | |
| | 2N525A | PG 211 | 5 | MOT | 45 | 30 | 15.0 | .500 | .225 | A | 100J | 1.000 | B | 10UA | 30 | 50 | .020 |
| | 2N526 | PG 212 | 5 | CSF,GEC,MOT,ETC,TAD,SES | 45 | 30R | 15.0 | .500 | .225 | A | 85J | 3.500 | B | 10UA | 30 | 64 | |
| | 2N526A | PG 211 | 5 | MOT | 45 | 30 | 15.0 | .500 | .225 | A | 100J | 1.300 | B | 10UA | 30 | 72 | .020 |
| | 2N527 | PG 212 | 5 | CSF,GEC,MOT,ETC,TAD,SES | 45 | 30 | 15.0 | .500 | .225 | A | 85J | 4.000 | B | 10UA | 30 | 80 | |
| | 2N527A | PG 211 | 5 | MOT | 45 | 30 | 15.0 | .500 | .225 | A | 100J | 1.500 | B | 10UA | 30 | 96 | .020 |
| | 2N529/N | NG 210 | 5 | ETC | 15 | 15 | 5.0 | | .100 | A | 85J | 2.500 | B | 5UA | 5 | 18 | .001 |
| | 2N529/P | PG 210 | 5 | ETC | 15 | 15 | 5.0 | | .100 | A | 85J | 2.500 | B | 5UA | 5 | 18 | .001 |
| | 2N530/N | NG 210 | 5 | ETC | 15 | 15 | 5.0 | | .100 | A | 85J | 3.000 | B | 5UA | 5 | 22 | .001 |
| | 2N530/P | PG 210 | 5 | ETC | 15 | 15 | 5.0 | | .100 | A | 85J | 3.000 | B | 5UA | 5 | 22 | .001 |
| | 2N531/N | NG 210 | 5 | ETC | 15 | 15 | 5.0 | | .100 | A | 85J | 3.500 | B | 5UA | 5 | 28 | .001 |
| | 2N531/P | PG 210 | 5 | ETC | 15 | 15 | 5.0 | | .100 | A | 85J | 3.500 | B | 5UA | 5 | 28 | .001 |
| | 2N532/N | NG 210 | 5 | ETC | 15 | 15 | 5.0 | | .100 | A | 85J | 4.000 | B | 5UA | 5 | 32 | .001 |
| | 2N532/P | PG 210 | 5 | ETC | 15 | 15 | 5.0 | | .100 | A | 85J | 4.000 | B | 5UA | 5 | 32 | .001 |
| | 2N533/N | NG 210 | 5 | ETC | 15 | 15 | 5.0 | | .100 | A | 85J | 4.500 | B | 5UA | 5 | 38 | .001 |
| | 2N533/P | PG 210 | 5 | ETC | 15 | 15 | 5.0 | | .100 | A | 85J | 4.500 | B | 5UA | 5 | 38 | .001 |
| - | 2N534 | PG 116 | 23 | PHL | 50 | | | .025 | .025 | A | 65J | 1.500 | B | 15UA | 50 | 100 | |
| | 2N535 | PG 210 | 5 | ETC | 20 | 20 | 20.0 | .020 | .050 | A | 85J | 1.000 | B | 10UA | 12 | 130 | |
| | 2N535A | PG 210 | 5 | ETC | 20 | 20 | 20.0 | .020 | .050 | A | 85J | 1.000 | B | 10UA | 12 | 130 | |
| | 2N535B | PG 210 | 5 | ETC | 20 | 20 | 20.0 | .020 | .050 | A | 85J | 1.000 | B | 10UA | 12 | 130 | |
| | 2N536 | PG 210 | 5 | ETC | 20 | | 20.0 | .030 | .050 | A | 85J | 1.000 | B | 10UA | 12 | 180 | |
| - | 2N536+ | PG 116 | 23 | PHL | 20 | | | .030 | .050 | A | 85J | 1.000 | B | 10UA | 12 | 180 | |
| | 2N538 | PG 427 A | | SOL,HUG,KSC | 80 | 60 | | 3.500 | 30.000 | C | 100J | 200.000 | G | 2MA | 80 | 32 | 2.000 |
| | 2N538A | PG 427 A | | SOL,HUG,KSC | 80 | 60 | 28.0 | 3.500 | 34.000 | C | 100J | .200 | G | 2MA | 80 | 34 | 2.000 |
| | 2N539 | PG 427 A | | SOL,HUG,KSC | 80 | 55 | | 3.500 | 30.000 | C | 100J | 200.000 | G | 2MA | 80 | 48 | 2.000 |
| | 2N539A | PG 427 A | | SOL,HUG,KSC | 80 | 55 | 28.0 | 3.500 | 34.000 | C | 100J | .200 | G | 2MA | 80 | 50 | 2.000 |
| | 2N540 | PG 427 A | | SOL,HUG,KSC | 80 | 55 | | 3.500 | 30.000 | C | 100J | 200.000 | G | 2MA | 80 | 74 | 2.000 |
| | 2N540A | PG 427 A | | SOL,HUG,KSC | 80 | 55 | 28.0 | 3.500 | 34.000 | C | 100J | .200 | G | 2MA | 80 | 74 | 2.000 |
| | 2N541 | NS 210 | 5 | ETC,TII,TEC | 15 | 15 | 2.0 | | .200 | A | 200J | 25.000 | G | 500NA | 15 | 140 | |
| | 2N542 | NS 210 | 5 | ETC,TII,TEC,HUG | 30 | 30 | 2.0 | | .200 | A | 200J | 25.000 | G | 500NA | 30 | 140 | |
| | 2N542A | NS 210 | 5 | ETC,TEC,HUG | 30 | 30S | 2.0 | | .200 | A | 175J | 8.000 | B | 500NA | 30 | 60 | .010 |
| | 2N543 | NS 210 | 5 | ETC,TII,TEC,HUG | 45 | 45 | 2.0 | | .200 | A | 200J | 25.000 | G | 500NA | 45 | 140 | |
| | 2N543A | NS 210 | 5 | ETC,TEC,HUG | 45 | 45S | 2.0 | | .200 | A | 175J | 8.000 | B | 500NA | 45 | 60 | .010 |
| - | 2N544 | PG 75 | 7 | RCA | 18 | | 1.0 | .010 | .080 | A | 85J | 30.000 | B | 4UA | 12 | 80 | |
| - | 2N544/33 | PG 217 | 33 | SYL | 24 | | 1.0 | .010 | .080 | A | 100J | 30.000 | B | 24UA | 50 | 80 | |
| | 2N545 | NS 210 | 5 | SSP,TEC,HUG | 60 | 60 | 6.0 | .800 | .600 | A | 200J | 10.000 | G | 15UA | 60 | 50 | |
| | 2N546 | NS 210 | 5 | SSP,TEC,HUG | 60 | 60 | 6.0 | .800 | .600 | A | 200J | 4.000 | G | 15UA | 60 | 50 | |
| | 2N547 | NS 210 | 5 | SSP,ETC,TEC,HUG | 60 | 60 | 6.0 | .800 | .600 | A | 200J | 4.000 | G | 15UA | 60 | 50 | .200 |
| | 2N548 | NS 210 | 5 | SSP,ETC,TEC,HUG | 30 | 30 | 6.0 | .800 | .600 | A | 200J | 4.000 | G | 15UA | 60 | 50 | .200 |
| | 2N549 | NS 210 | 5 | SSP,ETC,TEC,HUG | 60 | 60 | 6.0 | .800 | .600 | A | 200J | 4.000 | G | 15UA | 60 | 50 | .200 |
| | 2N550 | NS 210 | 5 | ETC,TEC,HUG | 30 | 30 | 6.0 | .800 | .600 | A | 200J | 4.000 | G | 15UA | 30 | 50 | .200 |
| | 2N551 | NS 210 | 5 | SSP,ETC,TEC,HUG | 60 | 60 | 6.0 | .200 | .600 | A | 200J | 3.000 | G | 15UA | 60 | 50 | .050 |
| | 2N552 | NS 211 | 5 | TEC,ETC,TEC,HUG | 30 | 30 | 6.0 | .200 | .600 | A | 200J | 3.000 | G | 15UA | 30 | 50 | .050 |
| | 2N553 | PG 605 | 3 | SOL,ETC,HUG,KSC | 80 | 40 | 40.0 | 4.000 | 50.000 | C | 95J | .025 | E | 2MA | 60 | 70 | |
| | 2N554 | PG 605 | 3 | DEL,MOT,SOL,ETC,HUG | 30 | 30 | 20.0 | 5.000 | 60.000 | C | 110J | .005 | E | 10MA | 15 | 50 | 1.000 |
| | 2N555 | PG 605 | 3 | MOT,SOL,ETC,HUG | 40 | 30 | 15.0 | 3.000 | 65.000 | C | 90J | .008 | E | 7MA | 30 | 40 | |
| - | 2N556 | NG 210 | 5 | SYL | 25 | 20R | 10.0 | .200 | .100 | A | 85J | | | 10UA | 25 | 50 | |
| | 2N557 | NG 210 | 5 | ETC | 25 | 20R | 10.0 | .200 | .100 | A | 85J | MS SW | | 10UA | 20 | 40 | |
| | 2N558 | NG 210 | 5 | ETC | 15 | 15R | 15.0 | .200 | .100 | A | 85J | MS SW | | 25UA | 10 | 100 | |
| | 2N559 | PG 210 J | | MOT | 15 | 15S | 5.0 | .050 | .150 | A | 100J | 300.000 | G | 3UA | 5 | 54 | .010 |
| | 2N560 | NS 210 | 5 | ETC,NSC,HUG | 60 | 60S | 8.0 | .100 | .600 | A | 200J | | | 100NA | 20 | 30 | .100 |
| | 2N561 | PG 605 | 3 | SOL,ETC,HUG,KSC | 80 | 50 | 60.0 | 10.000 | 50.000 | C | 100J | .005 | E | 500UA | 30 | 32 | 4.000 |
| | 2N563 | PG 210 | 5 | ETC | 30 | 25 | 10.0 | .300 | .150 | A | 85J | .400 | B | 5UA | 10 | 20 | |
| | 2N564 | PG 210 | 5 | ETC | 30 | 25 | 10.0 | .300 | .120 | A | 85J | .400 | B | 5UA | 10 | 20 | |
| | 2N565 | PG 210 | 5 | ETC | 30 | 25 | 10.0 | .300 | .150 | A | 85J | .500 | B | 5UA | 10 | 36 | |
| | 2N566 | PG 210 | 5 | ETC | 30 | 25 | 10.0 | .300 | .120 | A | 85J | .500 | B | 5UA | 10 | 36 | |
| | 2N567 | PG 210 | 5 | ETC | 30 | 25 | 10.0 | .300 | .150 | A | 85J | .700 | B | 50UA | 10 | 60 | |
| | 2N568 | PG 210 | 5 | ETC | 30 | 25 | 10.0 | .300 | .150 | A | 85J | .750 | B | 5UA | 10 | 60 | |
| | 2N569 | PG 210 | 5 | ETC | 30 | 15 | 10.0 | .300 | .150 | A | 85J | 1.000 | B | 5UA | 10 | 80 | |
| | 2N570 | PG 210 | 5 | ETC | 30 | 15 | 10.0 | .300 | .120 | A | 85J | 1.000 | B | 5UA | 10 | 80 | |
| | 2N572 | PG 210 | 5 | ETC | 30 | 15 | 10.0 | .300 | .120 | A | 85J | 1.000 | B | 5UA | 10 | 80 | |
| | 2N574 | PG 480 A | | SOL,HUG | 60 | 55 | 28.0 | 10.000 | 187.000 | C | 100J | .100 | G | 7MA | 60 | 15 | 10.000 |
| | 2N574A | PG 480 A | | SOL,HUG | 80 | 60 | 28.0 | 10.000 | 187.000 | C | 100J | .100 | G | 20MA | 80 | 15 | 10.000 |
| | 2N575 | PG 480 A | | SOL,HUG | 60 | 50 | 28.0 | 25.000 | 187.000 | C | 100J | .150 | G | 7MA | 60 | 30 | 10.000 |
| | 2N575A | PG 480 A | | SOL | 80 | 55 | 28.0 | 25.000 | 187.000 | C | 100J | .150 | G | 20MA | 80 | 30 | 10.000 |
| | 2N576 | NG 212 | 5 | ETC | 20 | 50X | 15.0 | .400 | .200 | A | 100J | 8.000 | B | 10UA | 25 | 35 | .400 |
| | 2N576A | NG 212 | 5 | ETC | 40 | 40X | 15.0 | .400 | .200 | A | 100J | 10.000 | B | 40UA | 40 | 35 | .400 |
| | 2N578 | PG 210 | 5 | ETC | 20 | 14 | 12.0 | .400 | .120 | A | 71J | 3.000 | B | 5UA | 12 | 15 | .400 |
| | 2N578+ | PG 170 | 9 | TAD | 20 | 14 | 12.0 | .400 | .120 | A | 71J | 5.000 | B | 5UA | 12 | 15 | |
| | 2N579 | PG 210 | 5 | ETC,GIC | 20 | 14 | 12.0 | .400 | .120 | A | 71J | 5.000 | B | 5UA | 12 | 36 | .400 |
| | 2N579+ | PG 170 | 9 | TAD | 20 | 14 | 12.0 | .400 | .120 | A | 71J | 8.000 | B | 5UA | 12 | 30 | |
| | 2N580 | PG 210 | 5 | ETC,GIC | 20 | 14 | 12.0 | .400 | .120 | A | 71J | 10.000 | B | 5UA | 12 | 44 | .400 |
| | 2N580+ | PG 170 | 9 | TAD | 20 | 14 | 12.0 | .400 | .120 | A | 71J | 15.000 | B | 5UA | 12 | 44 | |
| | 2N581 | PG 210 | 5 | RCA,TAD,ETC,TII | 18 | 15 | 10.0 | .100 | .150 | A | 85A | 4.000 | B | 10UA | 12 | 30 | .020 |
| | 2N582 | PG 210 | 5 | ETC,RCA,TAD,TII | 25 | 14 | 12.0 | .100 | .150 | A | 85J | 14.000 | B | 5UA | 12 | 60 | .024 |
| | 2N583 | PG 210 | 5 | ETC | 18 | 15 | 10.0 | .100 | .120 | A | 85J | 4.000 | B | 10UA | 12 | 40 | |
| - | 2N583+ | PG 120 | 1 | RCA | 18 | 15 | 10.0 | .100 | .120 | A | 85J | 8.000 | B | 10UA | 12 | 30 | |
| | 2N584 | PG 210 | 5 | ETC | 25 | 14R | 12.0 | .100 | .120 | A | 85J | 14.000 | B | 5UA | 12 | 60 | .024 |
| - | 2N584+ | PG 120 | 1 | RCA | 25 | 14 | 12.0 | .100 | .120 | A | 85J | 18.000 | B | 5UA | 12 | 60 | |
| | 2N585 | NG 170 | 9 | ETC,GIC | 25 | 24 | 20.0 | .200 | .120 | A | 85J | 3.000 | B | 8UA | 12 | 30 | .020 |
| | 2N585+ | NG 210 | 5 | RCA,TAD | 25 | 15 | 20.0 | .200 | .120 | A | 85A | 2.500 | B | 8UA | 12 | 40 | |
| | 2N586 | PG 210 | 5 | ETC | 45 | 25 | 12.0 | .250 | .250 | A | 85J | MS SW | | 16UA | 45 | 60 | |
| | 2N587 | NG 212 | 5 | ETC,TAD,TII | 40 | 30 | 40.0 | .200 | .200 | A | 100J | MS SW | | 10UA | 40 | 30 | .200 |
| | 2N588 | PG 120 | 1 | SPR,ETC,HUG | 15 | 15S | .5 | .050 | .040 | A | 85J | 200.000 | F | 15UA | 15 | | |
| | 2N588A | PG 120 | 1 | HUG | 15 | 15S | .5 | .050 | .060 | A | 85C | 200.000 | F | | | 45 | .010 |
| | 2N591 | PG 210 | 5 | ETC,RCA | 32 | 32R | | .040 | .050 | A | 85J | .340 | B | 7UA | 1 | 70 | |
| - | 2N591/5 | PG 210 | 5 | SYL | 35 | 32R | | .100 | .055 | A | 85J | .700 | B | 7UA | 1 | 70 | |
| | 2N591+ | PG 120 | 1 | RCA | | 32 | | .020 | .050 | A | 71J | .700 | B | 7UA | 1 | 70 | |
| - | 2N592 | PG 174 | 9 | GTC | 20 | 20R | 20.0 | | .150 | A | | .300 | B | 5UA | 5 | 26 | |
| - | 2N593 | PG 174 | 9 | GTC | 35 | 25R | 35.0 | | .150 | A | | .400 | B | 5UA | 5 | 30 | |
| - | 2N594 | NG 174 | 9 | GTC | 20 | 20 | 20.0 | | .150 | A | | 1.500 | B | 5UA | 5 | 36 | |
| - | 2N595 | NG 174 | 9 | GTC | 20 | 15 | 20.0 | | .150 | A | | .300 | B | 5UA | 5 | 50 | |
| - | 2N596 | NG 174 | 9 | GTC | 20 | 10 | 20.0 | | .150 | A | | .500 | B | 5UA | 5 | 70 | |
| | 2N597 | PG 211 | 5 | ETC,GIC | 45 | 40R | 45.0 | .400 | .250 | A | 100J | 3.000 | B | 8UA | 15 | 80 | .100 |
| - | 2N597+ | PG 171 | 9 | PHL | 45 | 40S | 45.0 | .050 | .250 | A | 100J | 3.000 | B | 25UA | 45 | 70 | |
| | 2N598 | PG 211 | 5 | ETC,GIC | 35 | 35R | 30.0 | .500 | .250 | A | 100J | 5.600 | B | 8UA | 15 | 140 | .100 |
| | 2N599 | PG 211 | 5 | ETC,GIC | 30 | 20R | 20.0 | .500 | .250 | A | 100J | 12.000 | B | 8UA | 15 | 160 | .100 |
| | 2N600 | PG 211 S | | GIC | 35 | 35S | 30.0 | | .750 | A | | 5.000 | G | 5UA | 2 | 126 | .100 |
| | 2N601 | PG 211 S | | GIC | 30 | 20S | 20.0 | | .750 | A | | 10.000 | G | 5UA | 2 | 150 | .100 |
| - | 2N602 | PG 210 | 5 | SYL | 20 | 20 | 1.0 | | .120 | A | 85J | 10.000 | G | 25UA | 30 | 40 | |
| - | 2N603 | PG 210 | 5 | GTC | 30 | 20 | 1.0 | | .120 | A | 85J | 30.000 | G | 20UA | 30 | 50 | |
| - | 2N604 | PG 210 | 5 | GTC | 30 | 20 | 2.0 | | .120 | A | 85J | 50.000 | G | 20UA | 30 | 70 | |
| - | 2N605 | PG 170 | 9 | GTC | 15 | 15 | | | .120 | A | 85J | AM RF | | 10UA | 12 | 70 | |
| - | 2N606 | PG 170 | 9 | GTC | 15 | 15 | | | .120 | A | 85J | AM RF | | 10UA | 12 | 100 | |
| - | 2N607 | PG 170 | 9 | GTC | 15 | 15 | | | .120 | A | 85J | AM RF | | 10UA | 12 | 120 | |
| - | 2N608 | PG 170 | 9 | GTC | 15 | 15 | | | .120 | A | 85J | AM RF | | 10UA | 12 | 150 | |
| | 2N609 | PG 210 | 5 | ETC | 25 | 20 | 10.0 | .200 | .180 | A | 85J | AUD | | 15UA | 20 | 90 | .100 |
| | 2N610 | PG 210 | 5 | ETC | 25 | 20 | 10.0 | .200 | .180 | A | 85J | AUD | | 15UA | 20 | 65 | .100 |
| | 2N611 | PG 210 | 5 | ETC | 25 | 20 | 10.0 | .200 | .180 | A | 85J | AUD | | 15UA | 20 | 45 | .100 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Condition | Cutoff $I_{CBO}$ @ $V_{CB}$ | | Gain $h_{FE}$ @ $I_C$(A) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | | | | |
| | 2N612 | PG 210 | 5 | ETC | 25 | 20 | 10.0 | .150 | .180 | A | 85J | | .300 | B | 15UA 20 | 24 |
| | 2N613 | PG 210 | 5 | ETC | 25 | 20 | 10.0 | .200 | .180 | A | 85J | | .500 | B | 15UA 20 | 32 |
| | 2N614 | PG 210 | 5 | ETC | 20 | 15 | 10.0 | .150 | .125 | A | 85J | | 1.500 | B | 6UA 20 | 32 |
| | 2N615 | PG 210 | 5 | ETC | 20 | 15 | 10.0 | .150 | .125 | A | 85J | | 3.000 | B | 6UA 20 | 45 |
| | 2N616 | PG 210 | 5 | ETC | 15 | 12 | 10.0 | .150 | .125 | A | 85J | | 6.000 | B | 6UA 15 | 450 |
| | 2N617 | PG 210 | 5 | ETC | 15 | 12 | 10.0 | .150 | .125 | A | 85J | | 5.000 | B | 6UA 15 | 105 |
| | 2N618 | PG 605 | 3 | SOL,MOT,ETC,HUG,KSC | 80 | 60S | 12.0 | 3.000 | 90.000 | C | 100J | | .005 | E | 3MA 60 | 90 1.000 |
| - | 2N623 | PG 210 | 5 | TII | 30 | 15 | 1.0 | .020 | .040 | A | 85J | | 90.000 | B | 10UA 20 | 36 |
| - | 2N624 | PG 217 | 33 | SYL | 30 | 20S | | .010 | .100 | A | 100J | | 20.000 | B | 10UA 5 | 40 |
| - | 2N625 | NG 173 | 8 | SYL | 40 | 30S | 30.0 | .500 | 2.000 | A | 100J | | MS SW | | 100UA 40 | 60 |
| | 2N627 | PG 607 | 41 | MOT,SOL,HUG,KSC | 40 | 30S | 20.0 | 10.000 | 90.000 | C | 100J | | .005 | E | 20MA 40 | 20 9.900 |
| | 2N628 | PG 607 | 41 | MOT,SOL,HUG,KSC | 60 | 45S | 30.0 | 10.000 | 90.000 | C | 100J | | .005 | E | 20MA 60 | 20 9.900 |
| | 2N629 | PG 607 | 41 | MOT,SOL,HUG,KSC | 80 | 60S | 40.0 | 10.000 | 90.000 | C | 100J | | .005 | E | 20MA 80 | 20 9.900 |
| | 2N630 | PG 607 | 41 | MOT,SOL,HUG,KSC | 100 | 75S | 50.0 | 10.000 | 90.000 | C | 100J | | .005 | E | 20MA 100 | 20 9.900 |
| | 2N631 | PG 210 | 5 | ETC | 25 | 16 | 6.0 | .200 | .170 | A | 85J | | .600 | B | 25UA 20 | 150 |
| | 2N632 | PG 210 | 5 | ETC | 30 | 20 | 6.0 | .200 | .150 | A | 85J | | .500 | B | 25UA 20 | 100 |
| | 2N633 | PG 210 | 5 | ETC | 35 | 20 | 6.0 | .200 | .150 | A | 85J | | .400 | B | 25UA 20 | 60 |
| | 2N634 | NG 212 | 5 | ETC | 20 | 20R | 15.0 | .300 | .150 | A | 85J | | 5.000 | B | 5UA 5 | 30 .200 |
| | 2N634A | NG 212 | 5 | ETC,TAD,TII | 25 | 20R | 25.0 | .300 | .150 | A | 85J | | 5.000 | B | 6UA 25 | 40 .200 |
| | 2N635 | NG 212 | 5 | ETC | 20 | 20R | 15.0 | .300 | .150 | A | 85J | | 10.000 | B | 5UA 5 | 50 .200 |
| | 2N635A | NG 212 | 5 | ETC,TAD,TII | 25 | 20R | 25.0 | .300 | .150 | A | 85J | | 10.000 | B | 6UA 25 | 80 .200 |
| | 2N636 | NG 212 | 5 | ETC | 20 | 15R | 15.0 | .300 | .150 | A | 85J | | 15.000 | B | 5UA 5 | 70 .200 |
| | 2N636A | NG 212 | 5 | ETC,TII | 25 | 15R | 25.0 | .300 | .150 | A | 85J | | 15.000 | B | 6UA 25 | 100 .200 |
| | 2N637 | PG 605 | 3 | SOL,ETC,HUG,KSC | 60 | 30 | 15.0 | 5.000 | 90.000 | C | 110J | | .004 | E | 10MA 100 | 40 3.000 |
| | 2N637A | PG 605 | 3 | SOL,ETC,HUG,KSC | 80 | 55 | 15.0 | 5.000 | 90.000 | C | 100J | | .004 | E | 200UA 2 | 46 3.000 |
| | 2N637B | PG 605 | 3 | SOL,ETC,HUG,KSC | 100 | 65 | 15.0 | 5.000 | 90.000 | C | 100J | | .004 | E | 200UA 2 | 46 3.000 |
| | 2N638 | PG 605 | 3 | SOL,ETC,HUG,KSC | 60 | 30 | 15.0 | 5.000 | 90.000 | C | 100J | | .004 | E | 200UA 2 | 30 3.000 |
| | 2N638A | PG 605 | 3 | SOL,ETC,HUG,KSC | 80 | 55 | 15.0 | 5.000 | 90.000 | C | 100J | | .004 | E | 200UA 2 | 30 3.000 |
| | 2N638B | PG 605 | 3 | SOL,ETC,HUG,KSC | 100 | 60 | 15.0 | 5.000 | 90.000 | C | 100J | | .004 | E | 200UA 2 | 30 3.000 |
| | 2N639 | PG 605 | 3 | ETC,KSC | 25 | 40R | 1.5 | 5.000 | 25.000 | C | 100J | | | | 1MA 25 | 22 3.000 |
| | 2N639A | PG 605 | 3 | ETC | 60 | 70R | 1.5 | 5.000 | 25.000 | C | 100J | | | | 1MA 60 | 22 3.000 |
| | 2N639B | PG 605 | 3 | ETC | 60 | 80R | 1.5 | 5.000 | 25.000 | C | 100J | | | | 1MA 60 | 22 3.000 |
| - | 2N640 | PG 75 | 7 | RCA | 34 | | .1 | .010 | .080 | A | 71J | | 40.000 | B | 5UA 12 | 60 |
| - | 2N641 | PG 75 | 7 | RCA | 34 | | 1.0 | .010 | .080 | A | 71J | | 40.000 | B | 7UA 12 | 60 |
| - | 2N642 | PG 75 | 7 | RCA | 34 | | 1.0 | .010 | .080 | A | 71J | | 40.000 | B | 7UA 12 | 60 |
| - | 2N643 | PG 171 | 9 | RCA | 30 | 29 | 2.0 | .100 | .120 | A | 71A | | 30.000 | G | 10UA 7 | 44 |
| - | 2N644 | PG 217 | 12 | RCA | 30 | | 1.0 | .100 | .120 | A | 71A | | 40.000 | G | 10UA 7 | 40 |
| - | 2N645 | PG 217 | 12 | RCA | 30 | | 1.0 | .100 | .120 | A | 71A | | 60.000 | G | 10UA 7 | 40 |
| | 2N647 | NG 210 | 5 | RCA | 25 | | 12.0 | .050 | .100 | A | 71A | | AUD | | 14UA 25 | 70 |
| | 2N649 | NG 120 | 1 | RCA | 20 | 18 | 2.5 | .050 | .100 | A | 71A | | AUD | | 14UA 12 | 65 |
| | 2N650 | PG 210 | 5 | MOT,TAD,ETC | 45 | 30 | 30.0 | .500 | .200 | A | 100J | | 1.500 | B | 50UA 45 | 50 |
| | 2N650A | PG 210 | 5 | ETC,MOT | 45 | 30 | 30.0 | .500 | .200 | A | 100J | | .750 | B | 50UA 45 | 50 |
| | 2N651 | PG 210 | 5 | MOT,ETC,TAD | 45 | 30 | 30.0 | .500 | .200 | A | 100J | | 2.000 | B | 50UA 45 | 80 |
| | 2N651A | PG 210 | 5 | ETC,MOT | 45 | 30 | 30.0 | .500 | .200 | A | 100J | | 1.000 | B | 50UA 45 | 76 |
| | 2N652 | PG 210 | 5 | MOT,ETC,TAD | 45 | 30 | 30.0 | .500 | .200 | A | 100J | | 2.500 | B | 50UA 45 | 120 |
| | 2N652A | PG 210 | 5 | ETC,MOT | 45 | 30 | 30.0 | .500 | .200 | A | 100J | | 1.250 | B | 50UA 45 | 120 |
| | 2N653 | PG 210 | 5 | MOT,ETC,TAD | 30 | 25R | 25.0 | .500 | .200 | A | 100J | | 1.500 | B | 15UA 30 | 44 |
| | 2N654 | PG 210 | 5 | ETC | 30 | 25R | 25.0 | .250 | .200 | A | 100J | | 2.000 | B | 15UA 25 | 80 |
| | 2N654+ | PG 170 | 9 | MOT,TAD | 30 | 25 | 15.0 | .250 | .200 | A | 100J | | 2.500 | B | 15UA 25 | 90 |
| | 2N655 | PG 210 | 5 | ETC | 30 | 25R | 25.0 | .250 | .200 | A | 100J | | 2.500 | B | 15UA 25 | 140 |
| | 2N655+ | PG 170 | 9 | MOT,TAD | 30 | 25 | 15.0 | .250 | .200 | A | 100J | | 3.000 | B | 15UA 25 | 160 |
| | 2N656 | NS 211 | 5 | GEC,SSP,RAY,TRW,TII,ETC | 60 | 60 | 8.0 | .200 | .800 | A | 200J | | 70.000 | B | 10UA 20 | 60 .200 |
| | 2N656A | NS 211 | 5 | FSC,GEC,SSP,ETC,NSC,TII | 60 | 60 | 8.0 | .500 | .800 | A | 200J | | AUD | | 10UA 30 | 60 |
| | 2N657 | NS 211 | 5 | GEC,SSP,RAY,TRW,TII,ETC | 100 | 100 | 8.0 | .200 | .800 | A | 200J | | 20.000 | B | 10UA 30 | 60 .200 |
| | 2N657A | NS 211 | 5 | GEC,SSP,ETC,NSC,TII,TEC | 100 | 100 | 8.0 | .500 | .800 | A | 200J | | AUD | | 10UA 30 | 60 |
| | 2N658 | PS 210 | 5 | TAD,TII,ETC | 30 | 18 | 12.0 | 1.000 | .200 | A | 100J | | 5.000 | B | 5UA 12 | 40 |
| | 2N659 | PS 210 | 5 | TAD,TII,ETC | 30 | 16 | 12.0 | 1.000 | .200 | A | 100J | | 10.000 | B | 5UA 12 | 60 |
| | 2N660 | PG 210 | 5 | TAD,TII,ETC | 30 | 14 | 12.0 | 1.000 | .200 | A | 100J | | 15.000 | B | 5UA 12 | 100 |
| | 2N661 | PG 210 | 5 | TAD,TII,ETC | 30 | 9 | 12.0 | 1.000 | .200 | A | 100J | | 20.000 | B | 5UA 12 | 120 |
| | 2N662 | PG 210 | 5 | TAD,TII,ETC | 30 | 14 | 12.0 | 1.000 | .200 | A | 100J | | 8.000 | B | 5UA 12 | 70 |
| | 2N663 | PG 605 | 3 | ETC,HUG,KSC,SOL | 50 | 25 | 20.0 | 4.000 | 35.000 | C | 100J | | .015 | E | 4MA 50 | 50 |
| | 2N665 | PG 605 | 3 | SOL,MOT,ETC,HUG,KSC | 80 | | 40.0 | 5.000 | 35.000 | C | 100J | | .020 | E | 50UA 2 | 60 .500 |
| | 2N669 | PG 605 | 3 | DEL,MOT,SOL,ETC,HUG,KSC | 40 | | 10.0 | 3.000 | 40.000 | C | 100J | | .003 | E | 65UA 2 | 90 .500 |
| - | 2N670 | PG 172 A | | PHL | 40 | | | 2.000 | .300 | C | 85J | | .500 | B | 75UA 12 | 80 |
| - | 2N671 | PG 172 | 26 | PHL | 40 | | | 2.000 | 1.000 | C | 85J | | .500 | B | 75UA 12 | 80 |
| - | 2N672 | PG 172 A | | PHL | 25 | | | 2.000 | .300 | C | 85J | | AUD | | 75UA 12 | 40 |
| - | 2N673 | PG 172 | 26 | PHL | 25 | | | 2.000 | 1.000 | C | 85J | | AUD | | 75UA 12 | 40 |
| | 2N677 | PG 605 | 3 | ETC,SOL,HUG,KSC | 50 | 20 | 10.0 | 15.000 | 90.000 | C | 100J | | .004 | E | 2MA 15 | 40 10.000 |
| | 2N677A | PG 605 | 3 | ETC,SOL,HUG,KSC | 60 | 30 | 15.0 | 15.000 | 90.000 | C | 100J | | .004 | E | 2MA 25 | 40 10.000 |
| | 2N677B | PG 605 | 3 | ETC,SOL,HUG,KSC | 90 | 60 | 15.0 | 15.000 | 90.000 | C | 100J | | .004 | E | 2MA 60 | 40 10.000 |
| | 2N677C | PG 605 | 3 | ETC,SOL,HUG | 100 | 70 | 15.0 | 15.000 | 90.000 | C | 100J | | .004 | E | 2MA 60 | 40 10.000 |
| | 2N678 | PG 605 | 3 | ETC,SOL,HUG,KSC | 50 | 20 | 10.0 | 15.000 | 90.000 | C | 100J | | .004 | E | 2MA 15 | 74 10.000 |
| | 2N678A | PG 605 | 3 | ETC,SOL,HUG,KSC | 60 | 30 | 15.0 | 15.000 | 90.000 | C | 100J | | .004 | E | 2MA 25 | 74 10.000 |
| | 2N678B | PG 605 | 3 | ETC,SOL,HUG,KSC | 90 | 60 | 15.0 | 15.000 | 90.000 | C | 100J | | .004 | E | 2MA 60 | 74 10.000 |
| | 2N678C | PG 605 | 3 | ETC,SOL,HUG | 100 | 70 | 15.0 | 15.000 | 90.000 | C | 100J | | .004 | E | 2MA 60 | 74 10.000 |
| | 2N679 | NG 210 | 5 | ETC | 25 | 20R | 15.0 | .200 | .150 | A | 85J | | 2.000 | B | 25UA 25 | 40 .030 |
| | 2N680 | PG 210 | 5 | ETC | | | 20.0 | .100 | .150 | A | 85J | | AUD | | 14UA 20 | 30 |
| - | 2N695 | PG 217 | 17 | MOT | 15 | 15 | 3.5 | .050 | .075 | A | 100J | | 250.000 | G | 3UA 6 | 40 |
| | 2N696 | NS 211 | 5 | ITT,TII,GIC,RAY,SES,ETC | 60 | 40R | 5.0 | | .600 | A | 175A | | 40.000 | G | 1UA 30 | 30 .150 |
| | 2N697 | NS 211 | 5 | ITT,TII,GIC,RAY,SES,ETC | 60 | 40R | 5.0 | | .600 | A | 175A | | 40.000 | G | 1UA 30 | 80 .150 |
| | 2N698 | NS 211 | 5 | RAY,TII,TRW,SES,TEC,HUG | 120 | 60 | 7.0 | | .800 | A | 200A | | 40.000 | G | 5NA 75 | 30 |
| | 2N699 | NS 211 | 5 | TRW,TII,GIC,RCA,SES,ETC | 120 | 80R | 5.0 | | .600 | A | 175A | | 40.000 | G | 2UA 60 | 80 .150 |
| | 2N699A | NS 211 | 5 | RAY,NSC,ETC,HUG | 120 | 80R | 5.0 | | .800 | A | 175J | | 50.000 | G | 5UA 60 | 80 |
| | 2N699B | NS 211 | 5 | TRW,RAY,FSC | 120 | 80 | 7.0 | | .800 | A | 200J | | 60.000 | G | 10NA 90 | 80 .010 |
| | 2N700 | PG 217 | 17 | MOT | 25 | 20 | .2 | .050 | .075 | A | 100J | | 500.000 | G | 2UA 6 | 10 |
| - | 2N700/18 | PG 217 | 72 | SYL | 25 | 20 | .2 | .050 | .075 | A | 100J | | 270.000 | G | 2UA 6 | 6 |
| | 2N700A | PG 217 | 17 | MOT | 25 | 25 | .2 | .050 | .075 | A | 100J | | 1000.000 | G | 2UA 6 | 50 |
| | 2N702 | NS 210 | 18 | TRW,NSC,MOT | 25 | 25 | 5.0 | .050 | .300 | A | 175J | | 150.000 | G | 500NA 10 | 40 |
| | 2N703 | NS 210 | 18 | TRW,GIC,NSC,MOT,FSC | 25 | 25 | 5.0 | .050 | .300 | A | 175J | | 150.000 | G | 500NA 10 | 70 |
| | 2N705 | PG 211 | 18 | MOT,TII,TIL | 15 | 15S | 3.5 | .050 | .300 | A | 100A | | 300.000 | B | 3UA 5 | 40 |
| | 2N705A | PG 211 | 18 | HUG | 15 | 15S | | | .150 | A | 100J | | | | | 37 .010 |
| | 2N706 | NS 211 | 18 | ITT,HUG,RCA,RAY,MOT,SES | 25 | 20R | 3.0 | .200 | .300 | A | 175A | | 200.000 | G | 5UA 15 | 40 .010 |
| - | 2N706/46 | NS 210 | 46 | SYL | 25 | 20R | 3.0 | .200 | | | 175J | | 200.000 | G | 500NA 15 | 40 |
| - | 2N706/51 | NS 909 | 51 | SYL | 25 | 20R | 3.0 | .200 | | | 175J | | 200.000 | G | 500NA 15 | 40 |
| | 2N706A | NS 211 | 18 | ITT,RCA,SES,ETC,TII,GIC | 25 | 15R | 5.0 | .200 | .300 | A | 175A | | 200.000 | G | 5UA 15 | 40 .010 |
| - | 2N706A/46 | NS 210 | 46 | SYL | 25 | 15 | 5.0 | .200 | | | 175J | | 200.000 | G | 500NA 15 | 40 |
| - | 2N706A/51 | NS 909 | 51 | SYL | 25 | 15 | 5.0 | .200 | | | 175J | | 200.000 | G | 500NA 15 | 40 |
| | 2N706B | NS 211 | 18 | RAY,ITT,MOT,GIC,TII,TEC | 25 | 15R | 5.0 | .200 | .300 | A | 175A | | 200.000 | G | 5UA 15 | 40 .010 |
| - | 2N706B/46 | NS 210 | 46 | SYL | 25 | 15 | 5.0 | .200 | | | 175J | | 200.000 | G | 500NA 15 | 40 |
| - | 2N706B/51 | NS 909 | 51 | SYL | 25 | 15 | 5.0 | .200 | | | 175J | | 200.000 | G | 500NA 15 | 40 |
| | 2N706C | NS 211 | 18 | RAY,GIC | 40 | 15R | 5.0 | .200 | .360 | A | 200A | | 200.000 | G | 5UA 15 | 40 .010 |
| | 2N707 | NS 211 | 18 | MOT,ETC | 56 | 28R | 4.0 | | .300 | A | 175J | | 70.000 | G | 5UA 15 | 12 .010 |
| | 2N707A | NS 211 | 18 | MOT,ETC | 70 | 40 | 5.0 | | .500 | A | 175J | | 70.000 | G | 1UA 30 | 22 .010 |
| | 2N708 | NS 211 | 18 | RAY,MOT,AMP,ITT,GEC,TII | 40 | 15 | 5.0 | | .360 | A | 200J | | 300.000 | G | 25NA 20 | 60 .010 |
| - | 2N708/46 | NS 211 | 46 | SYL | 40 | 15R | 5.0 | | .400 | A | 200J | | 300.000 | G | 25UA 20 | 80 |
| - | 2N708/51 | NS 910 | 51 | SYL | 40 | 15R | 6.0 | | .300 | A | 200J | | 300.000 | G | 25UA 20 | 80 |
| | 2N708A | NS 210 | 18 | GIC | 50 | 30 | 5.0 | | .360 | A | | | 300.000 | G | | 70 .010 |
| | 2N709 | NS 211 | 18 | FSC,RCA,RAY,TEC,TII,MOT | 15 | 6 | 4.0 | .100 | .300 | A | 200J | | 600.000 | G | 50NA 5 | 70 .010 |
| | 2N709A | NS 211 | 18 | TEC,HUG | 15 | 6 | 4.0 | | .300 | A | 200J | | 800.000 | G | 50NA 5 | 60 .010 |
| | 2N710 | PG 211 | 18 | TII | 15 | 15S | 2.0 | .050 | .150 | A | 100J | | 300.000 | B | 3UA 5 | 40 |
| | 2N711 | PG 211 | 18 | TII,MOT,TIL | 12 | | 1.0 | .100 | .150 | A | 100J | | 200.000 | B | 3UA 5 | 60 .010 |
| | 2N711A | PG 211 | 18 | TII,MOT,TIL | 15 | 7 | 1.5 | .100 | .150 | A | 100J | | 200.000 | B | 2UA 5 | 60 .010 |
| | 2N711B | PG 211 | 18 | TII,MOT,TIL | 18 | 7 | 2.0 | .100 | .150 | A | 100J | | 200.000 | B | 2UA 5 | 70 .010 |
| | 2N717 | NS 211 | 18 | TRW,RAY,TII,SES,ETC,TEC | 60 | 40R | 5.0 | | .400 | A | 100J | | 40.000 | G | 1UA 30 | 40 .150 |
| | 2N718 | NS 211 | 18 | AMC,ITT,RAY,TII,TRW,MOT | 60 | 40R | 5.0 | | .400 | A | 200J | | 60.000 | G | 1UA 30 | 80 .150 |
| | 2N718A | NS 211 | 18 | TII,MOT,TRW,RCA,SES,ETC | 75 | 32R | 7.0 | | .500 | A | 200J | | 60.000 | G | 10NA 60 | 80 .150 |
| | 2N719 | NS 211 | 18 | TRW,RAY,TII,SES,ETC,TEC | 120 | 80R | 5.0 | | .400 | A | 175J | | 40.000 | G | 2UA 60 | 40 .150 |
| | 2N719A | NS 211 | 18 | AMC,TII,TRW,SES,ETC,FSC | 120 | 60R | 7.0 | | .400 | A | 200J | | 60.000 | G | 10NA 75 | 40 .150 |
| | 2N720 | NS 211 | 18 | TRW,RAY,TII,SES,ETC,TEC | 120 | 80R | 5.0 | | .400 | A | 175J | | 60.000 | G | 2UA 60 | 80 |
| | 2N720A | NS 211 | 18 | AMC,GEC,HUG,RAY,TRW,TII | 120 | 80 | 7.0 | | .400 | A | 200J | | 60.000 | G | 10NA 90 | 80 |
| | 2N721 | PS 211 | 18 | RAY,TII,TEC,MOT,HUG,FSC | 50 | 50R | 5.0 | | .400 | A | 175J | | 50.000 | G | 1UA 30 | 26 .150 |
| | 2N721A | PS 211 | 18 | HUG | 50 | 50R | 5.0 | | .500 | A | 200J | | 50.000 | G | 100NA 30 | 26 .150 |
| | 2N722 | PS 211 | 18 | HUG,MOT,ETC,RAY,NSC,TII | 50 | 35 | 5.0 | | .400 | A | 175J | | 60.000 | G | 1UA 30 | 60 .150 |
| | 2N722A | PS 211 | 18 | HUG | 50 | 35 | 5.0 | | .500 | A | 200J | | 60.000 | G | 100UA 50 | 50 |
| - | 2N725 | PG 211 | 18 | GEC | 15 | | 2.0 | .050 | .150 | A | 100J | | 600.000 | G | 3UA 5 | 40 |
| | 2N726 | PS 211 | 18 | TEC,TIL | 20 | 20 | 5.0 | | .300 | A | 175J | | 200.000 | G | 10UA 25 | 30 |
| | 2N727 | PS 211 | 18 | TII,TEC,TIL | 25 | 20 | 5.0 | | .300 | A | 175J | | 140.000 | G | 1UA 25 | 74 |
| | 2N728 | NS 210 | 18 | TEC,HUG | 15 | 15 | 3.0 | | .600 | A | 175J | | 100.000 | G | 5UA 15 | 40 |
| | 2N729 | NS 210 | 18 | TEC,HUG | 15 | 15 | 3.0 | | .600 | A | 175J | | 100.000 | G | 5UA 15 | 40 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. / Temp. (°C) Cond. | | | $I_{CBO}$ @ | $V_{CB}$ | $h_{FE}$ @ | $I_C$(A) |
| | 2N730 | NS 211 | 18 | TII,ETC,RAY,NSC,TEC,HUG | 60 | 40R | 5.0 | | .500 | A 175J | 40.000 | G | 1UA | 30 | 40 | |
| | 2N731 | NS 211 | 18 | TII,ETC,RAY,NSC,TEC,HUG | 60 | 40R | 5.0 | | .500 | A 175J | 50.000 | G | 1UA | 30 | 80 | |
| | 2N734 | NS 211 | 18 | TII,TRW,ETC,SOL,TEC,HUG | 80 | 60 | 5.0 | .500 | .500 | A 175J | 60.000 | G | 1UA | 40 | 40 | |
| | 2N734A | NS 211 | 18 | SOL | 80 | 60 | 6.0 | .050 | .400 | A 200J | 30.000 | G | 5NA | 50 | 32 | .005 |
| | 2N735 | NS 211 | 18 | TII,TRW,ETC,NSC,SOL,TEC | 80 | 60 | 5.0 | .500 | .500 | A 175J | 60.000 | G | 1UA | 40 | 80 | |
| | 2N735A | NS 210 | 18 | ETC,NSC,SOL,HUG | 80 | 60 | 6.0 | | .400 | A 200J | 60.000 | G | 5NA | 50 | 60 | |
| | 2N736 | NS 211 | 18 | TII,TRW,ETC,NSC,SOL,TEC | 80 | 60 | 5.0 | .500 | .500 | A 175J | 60.000 | G | 1UA | 40 | 100 | .005 |
| | 2N736A | NS 211 | 18 | TII,ETC,NSC,SOL | 80 | 60 | 8.0 | .100 | .500 | A 175J | 100.000 | G | 500NA | 40 | 110 | .005 |
| | 2N736B | NS 210 | 18 | SSD,ETC,SOL,HUG | 80 | 60 | 8.0 | | .400 | A 200J | 100.000 | G | 5NA | 50 | 130 | .005 |
| | 2N738 | NS 211 | 18 | AMC,TII,ETC,SOL,TEC | 125 | 80 | 5.0 | | .500 | A 175J | 60.000 | G | 1UA | 40 | 40 | .005 |
| | 2N738A | NS 211 | 18 | SOL | 125 | 80 | 8.0 | .050 | .400 | A 200J | 30.000 | G | 5NA | 50 | 32 | .005 |
| | 2N739 | NS 211 | 18 | AMC,TII,ETC,SOL,TEC,MOT | 125 | 80 | 5.0 | | .500 | A 175J | 60.000 | G | 1UA | 40 | 80 | .005 |
| | 2N739A | NS 210 | 18 | SOL,HUG | 125 | 80 | 8.0 | | 1.800 | A 200J | 60.000 | G | 5NA | 80 | 60 | .005 |
| | 2N740 | NS 211 | 18 | AMC,TII,ETC,SOL,SSD,TEC | 125 | 80 | 5.0 | | .500 | A 175J | 60.000 | G | 1UA | 40 | 130 | .005 |
| | 2N740A | NS 210 | 18 | SSD,SOL,HUG | 125 | 80 | 8.0 | | .500 | A 200J | 100.000 | G | 5NA | 80 | 120 | .005 |
| | 2N741 | PG 211 | 18 | MOT | 15 | 15 | 1.0 | .100 | .150 | A 100J | 300.000 | G | 3UA | 6 | 24 | |
| | 2N741A | PG 211 | 18 | MOT | 20 | 20 | 1.0 | .100 | .150 | A 100J | 300.000 | G | 3UA | 6 | 24 | |
| | 2N742 | NS 210 | 18 | NSC,ETC | 60 | | 8.0 | | .500 | A 200J | 100.000 | G | 100NA | 20 | 50 | |
| | 2N743 | NS 211 | 18 | ITT,TII,GIC,AMP,SES,RAY | 20 | 12 | 5.0 | .200 | .300 | A 175J | 300.000 | G | 1UA | 20 | 40 | .010 |
| | 2N743A | NS 211 | 18 | RAY | 40 | 15 | 5.0 | | .360 | A 200J | 500.000 | G | 1UA | 20 | 40 | .010 |
| | 2N744 | NS 211 | 18 | ITT,RAY,TII,GIC,MOT,AMP | 20 | 12 | 5.0 | .200 | .300 | A 175J | 300.000 | G | 1UA | 20 | 80 | .010 |
| | 2N744A | NS 211 | 18 | RAY | 40 | 15 | 5.0 | | .360 | A 200J | 500.000 | G | 1UA | 20 | 60 | .010 |
| | 2N753 | NS 211 | 18 | ITT,MOT,GIC,AMP,SES,ETC | 25 | 15 | 5.0 | .050 | .300 | A 175J | 200.000 | G | 10UA | 25 | 80 | .010 |
| | 2N754 | NS 210 | 18 | TEC,HUG | 60 | 80 | | | .300 | A | 35.000 | G | 1UA | 60 | 40 | .005 |
| | 2N755 | NS 210 | 18 | TEC,HUG | 100 | 80 | | | .300 | A | 35.000 | G | 1UA | 100 | 40 | .005 |
| | 2N756 | NS 210 | 18 | SOL,TEC,HUG | 45 | 45 | 6.0 | | .500 | A 200J | 50.000 | G | 200NA | | 17 | .001 |
| | 2N756A | NS 210 | 18 | SOL,TEC | 60 | 60 | 6.0 | | .500 | A 200J | 50.000 | G | 100NA | | 17 | .001 |
| | 2N757 | NS 210 | 18 | SOL,TEC,HUG | 45 | 45 | 6.0 | | .500 | A 200J | 50.000 | G | 200NA | | 28 | .001 |
| | 2N757A | NS 210 | 18 | SOL,TEC,HUG | 60 | 60 | 6.0 | | .500 | A 200J | 50.000 | G | 100NA | | 28 | .001 |
| | 2N758 | NS 210 | 18 | SOL,TEC,HUG | 45 | 45 | 8.0 | | .500 | A 200J | 50.000 | G | 200NA | | 40 | .001 |
| | 2N758A | NS 210 | 18 | SOL,TEC,HUG | 60 | 60 | 8.0 | | .500 | A 200J | 50.000 | G | 100NA | | 40 | .001 |
| | 2N758B | NS 211 | 18 | SOL,HUG | 60 | 60 | 8.0 | .100 | .400 | A 200J | 50.000 | G | 5NA | 45 | 18 | .001 |
| | 2N759 | NS 211 | 18 | NSC,SOL,TEC,HUG | 45 | 45 | 8.0 | .100 | .500 | A 200J | 50.000 | B | 2UA | 30 | 50 | .001 |
| | 2N759A | NS 211 | 18 | NSC,SOL,SSD,TEC,HUG | 60 | 60 | 8.0 | .100 | .500 | A 200J | 50.000 | B | 100NA | 30 | 50 | .001 |
| | 2N759B | NS 210 | 18 | SOL,HUG | 60 | 60 | 8.0 | | .500 | A 200J | 50.000 | B | 5NA | 45 | 45 | |
| | 2N760 | NS 211 | 18 | AMC,NSC,RAY,ITT,SOL,TEC | 45 | 45 | 8.0 | | .500 | A 200J | 50.000 | B | 200NA | 30 | 100 | |
| | 2N760A | NS 211 | 18 | AMC,RAY,ITT,NSC,SOL,SSD | 60 | 60 | 8.0 | | .500 | A 200J | 50.000 | G | 100NA | 30 | 150 | |
| | 2N760B | NS 210 | 18 | SSD,SOL,HUG | 60 | 60 | 8.0 | | .500 | A 200J | 50.000 | B | 5NA | 45 | 150 | |
| | 2N761 | NS 210 | 5 | NSC | 50 | 30 | 6.0 | .100 | .500 | A 200J | 5.000 | B | 200NA | 50 | 36 | |
| | 2N762 | NS 210 | 5 | NSC | 50 | 30 | 6.0 | .100 | .500 | A 200J | 5.000 | B | 200NA | 50 | 400 | |
| | 2N768 | PG 210 | 18 | SPR,HUG | 12 | 10 | 1.5 | .100 | .035 | A 100J | 125.000 | G | 3UA | 5 | 40 | |
| | 2N769 | PG 210 | 18 | SPR,HUG | 12 | 7 | 2.0 | .100 | .035 | A 100J | 500.000 | G | 3UA | 5 | 50 | |
| | 2N779A | PG 210 | 18 | SPR,MOT,HUG | 15 | 15S | 2.0 | .100 | .060 | A 100J | 320.000 | G | 3UA | 5 | 120 | |
| | 2N780 | NS 211 | 18 | AMC,ETC | 45 | 45 | 2.0 | | .300 | A 175J | 60.000 | G | 10NA | 40 | 70 | |
| - | 2N781 | PG 211 | 18 | SYL | 15 | | 2.5 | .200 | .150 | A 100J | HS SW | | 3UA | 5 | 50 | |
| - | 2N782 | PG 211 | 18 | SYL | 12 | | 1.0 | .200 | .150 | A 100J | HS SW | | 3UA | 5 | 40 | |
| | 2N783 | NS 211 | 18 | ITT,ETC,RAY,FSC | 40 | 20R | 5.0 | .200 | .300 | A 175J | 200.000 | G | 250NA | 25 | 40 | .010 |
| | 2N784 | NS 211 | 18 | RAY,ITT,ETC,HUG | 30 | 15R | 5.0 | .200 | .300 | A 175J | 200.000 | G | 250NA | 25 | 50 | .010 |
| | 2N784A | NS 211 | 18 | RAY,ETC | 40 | 15R | 5.0 | .200 | .360 | A 200J | 300.000 | G | 25NA | 25 | 70 | .010 |
| - | 2N784A/46 | NS 211 | 46 | SYL | 40 | 15 | 5.0 | .200 | .350 | A 200J | 200.000 | G | 25NA | 25 | 70 | |
| - | 2N784A/51 | NS 910 | 51 | SYL | 40 | 15 | 5.0 | .200 | .300 | A 200J | 200.000 | G | 25NA | 25 | 70 | |
| | 2N794 | PG 210 | 18 | SPR,HUG | 13 | 12 | 1.0 | .100 | .120 | A 100J | 25.000 | G | 3UA | 6 | 60 | .010 |
| | 2N795 | PG 210 | 18 | SPR,HUG | 13 | 12 | 4.0 | .100 | .120 | A 100J | 35.000 | G | 3UA | 6 | 60 | |
| | 2N796 | PG 210 | 18 | SPR,HUG | 13 | 12 | 4.0 | .100 | .120 | A 100J | 25.000 | G | 3UA | 6 | 100 | |
| | 2N797 | NG 211 | 18 | TII | 20 | 7 | 4.0 | .150 | .150 | A 100J | 600.000 | G | 1UA | 10 | 80 | |
| - | 2N799 | PG 295 A | | RAY | 25 | | 12.0 | .100 | .075 | A 85J | 4.000 | B | 5UA | 12 | 40 | |
| - | 2N800 | PG 315 A | | RAY | 25 | | 12.0 | .100 | .075 | A 85J | 4.000 | B | 5UA | 12 | 40 | |
| - | 2N801 | PG 295 A | | RAY | 30 | 18 | 20.0 | .400 | .075 | A 85J | 3.000 | B | 25UA | 30 | 20 | |
| - | 2N802 | PG 315 A | | RAY | 30 | 18 | 20.0 | .400 | .075 | A 85J | 3.000 | B | 25UA | 30 | 20 | |
| - | 2N803 | PG 295 A | | RAY | 30 | 15 | 20.0 | .400 | .075 | A 85J | 5.000 | B | 25UA | 30 | 22 | |
| - | 2N804 | PG 315 A | | RAY | 30 | 15 | 20.0 | .400 | .075 | A 85J | 5.000 | B | 25UA | 30 | 24 | |
| - | 2N805 | PG 295 A | | RAY | 30 | 12 | 20.0 | .400 | .075 | A 85J | 10.000 | B | 25UA | 30 | 34 | |
| - | 2N806 | PG 315 A | | RAY | 30 | 12 | 20.0 | .400 | .075 | A 85J | 10.000 | B | 25UA | 30 | 34 | |
| - | 2N807 | PG 295 A | | RAY | 25 | 14 | 12.0 | .100 | .075 | A 85J | 14.000 | B | 5UA | 12 | 70 | |
| - | 2N808 | PG 315 A | | RAY | 25 | 14 | 12.0 | .100 | .075 | A 85J | 14.000 | B | 5UA | 12 | 70 | |
| - | 2N809 | PG 295 A | | RAY | 30 | 15 | 20.0 | .200 | .075 | A 85J | 7.000 | B | 5UA | 12 | 60 | |
| - | 2N810 | PG 315 A | | RAY | 30 | 15 | 20.0 | .200 | .075 | A 85J | 7.000 | B | 5UA | 12 | 60 | |
| - | 2N811 | PG 295 A | | RAY | 30 | 12 | 20.0 | .200 | .075 | A 85J | 10.000 | B | 5UA | 12 | 80 | |
| - | 2N812 | PG 315 A | | RAY | 30 | 12 | 20.0 | .200 | .075 | A 85J | 10.000 | B | 5UA | 12 | 80 | |
| - | 2N813 | PG 295 A | | RAY | 30 | 10 | 20.0 | .200 | .075 | A 85J | 20.000 | B | 5UA | 12 | 140 | |
| - | 2N814 | PG 315 A | | RAY | 30 | 10 | 20.0 | .200 | .075 | A 85J | 20.000 | B | 5UA | 12 | 140 | |
| - | 2N815 | NG 295 A | | RAY | 25 | 20 | 15.0 | .200 | .075 | A 85J | 5.000 | B | 10UA | 25 | 70 | |
| - | 2N816 | NG 315 A | | RAY | 25 | 20 | 15.0 | .200 | .075 | A 85J | 5.000 | B | 10UA | 25 | 70 | |
| - | 2N817 | NG 295 A | | RAY | 30 | 25 | 25.0 | .200 | .075 | A 85J | 2.500 | B | 10UA | 25 | 30 | |
| - | 2N818 | NG 315 A | | RAY | 30 | 25 | 25.0 | .200 | .075 | A 85J | 2.500 | B | 10UA | 25 | 30 | |
| - | 2N819 | NG 295 A | | RAY | 30 | 20 | 25.0 | .400 | .075 | A 85J | 5.000 | B | 10UA | 25 | 50 | |
| - | 2N820 | NG 315 A | | RAY | 30 | 20 | 25.0 | .400 | .075 | A 85J | 5.000 | B | 10UA | 25 | 50 | |
| - | 2N821 | NG 295 A | | RAY | 30 | 15 | 25.0 | .400 | .075 | A 85J | 10.000 | B | 10UA | 25 | 70 | |
| - | 2N822 | NG 315 A | | RAY | 30 | 15 | 25.0 | .400 | .075 | A 85J | 10.000 | B | 10UA | 25 | 70 | |
| - | 2N823 | NG 295 A | | RAY | 25 | 24 | 12.0 | .100 | .075 | A 85J | 4.000 | B | 5UA | 12 | 70 | |
| - | 2N824 | NG 315 A | | RAY | 25 | 24 | 12.0 | .100 | .075 | A 85J | 4.000 | B | 5UA | 12 | 70 | |
| - | 2N825 | PG 295 A | | RAY | 30 | 20 | 20.0 | .200 | .075 | A 85J | 5.000 | B | 6UA | 20 | 30 | |
| - | 2N826 | PG 315 A | | RAY | 30 | 20 | 20.0 | .200 | .075 | A 85J | 5.000 | B | 6UA | 20 | 30 | |
| | 2N827 | PG 210 | 18 | MOT | 20 | 10X | 4.0 | .100 | .150 | A 100J | 250.000 | G | 5UA | 15 | 150 | .010 |
| | 2N828 | PG 211 | 18 | MOT | 15 | | 2.5 | .200 | .150 | A 100J | 300.000 | G | 3UA | 6 | 40 | |
| | 2N828A | PG 211 | 18 | MOT | 15 | 6 | 2.5 | .200 | .150 | A 100J | 300.000 | G | 3UA | 6 | 38 | .150 |
| | 2N829 | PG 211 | 18 | MOT | 15 | 6 | 2.5 | .200 | .150 | A 100J | 300.000 | G | 3UA | 6 | 75 | .150 |
| | 2N834 | NS 211 | 18 | ITT,SES,MOT,GIC,RAY,TEC | 40 | 30 | 5.0 | .200 | .300 | A 175J | 350.000 | G | 5UA | 20 | 40 | .010 |
| | 2N834A | NS 211 | 18 | ITT,RAY,GIC | 40 | 30S | 5.0 | .200 | .360 | A 200J | 500.000 | G | 500NA | 20 | 37 | .010 |
| | 2N835 | NS 211 | 18 | ITT,MOT,GIC,RAY,TEC,HUG | 25 | 20 | 3.0 | .200 | .300 | A 175J | 300.000 | G | 5UA | 20 | 40 | .010 |
| | 2N837 | PG 211 | 18 | HUG | 12 | 6 | 1.0 | .100 | .150 | A 150C | | | 3UA | 6 | 45 | .010 |
| | 2N838 | PG 210 | 18 | MOT | 30 | 15S | 2.5 | .100 | .150 | A 100J | 450.000 | G | 10UA | 15 | 70 | .010 |
| | 2N839 | NS 210 | 18 | ETC,TEC,HUG | 45 | 45 | 2.0 | | .300 | A 175J | 30.000 | G | 1UA | 45 | 27 | .010 |
| | 2N840 | NS 210 | 18 | ETC,TEC,MOT,HUG | 45 | 45 | 2.0 | | .300 | A 175J | 30.000 | G | 1UA | 45 | 55 | .010 |
| | 2N841 | NS 210 | 18 | ETC,TEC,MOT,HUG | 45 | 45 | 2.0 | | .300 | A 175J | 40.000 | G | 1UA | 45 | 160 | .010 |
| | 2N842 | NS 211 | 18 | TEC,HUG | 45 | 45 | 2.0 | .050 | .300 | A 175A | 30.000 | G | 1UA | 45 | 34 | .010 |
| | 2N843 | NS 211 | 18 | TEC,HUG | 45 | 45 | 2.0 | .050 | .300 | A 175A | 40.000 | G | 1UA | 45 | 83 | .010 |
| | 2N846A | PG 210 | 18 | SPR,HUG | 15 | 15S | 2.0 | .100 | .060 | A 100J | 320.000 | G | 3UA | 5 | 60 | |
| - | 2N849 | NS 910 | 50 | TII | 25 | 15 | 5.0 | .050 | .300 | A 175J | 200.000 | G | 500NA | 15 | 40 | |
| - | 2N850 | NS 910 | 50 | TII | 25 | 15 | 5.0 | .050 | .300 | A 175J | 200.000 | G | 500NA | 15 | 80 | |
| - | 2N851 | NS 910 | 50 | TII | 20 | 12 | 5.0 | .200 | .300 | A 175J | 280.000 | G | 1UA | 20 | 40 | |
| - | 2N852 | NS 910 | 50 | TII | 20 | 12 | 5.0 | .200 | .300 | A 175J | 280.000 | G | 1UA | 20 | 80 | |
| | 2N858 | PS 210 | 18 | SPR,HUG,CRY | 40 | 40 | 25.0 | .050 | .150 | A 140J | 5.000 | G | 100NA | 15 | 26 | .005 |
| | 2N859 | PS 210 | 18 | SPR,HUG,CRY | 40 | 40 | 25.0 | .050 | .150 | A 140J | 6.000 | G | 100NA | 15 | 60 | .005 |
| | 2N860 | PS 210 | 18 | SPR,HUG,CRY | 25 | 25 | 20.0 | .050 | .150 | A 140J | 6.500 | G | 100NA | 10 | 20 | .005 |
| | 2N861 | PS 210 | 18 | SPR,HUG,CRY | 25 | 25 | 20.0 | .050 | .150 | A 140J | 7.500 | G | 100NA | 10 | 36 | .005 |
| | 2N862 | PS 210 | 18 | SPR,HUG,CRY | 15 | 15 | 10.0 | .050 | .150 | A 140J | 8.000 | G | 100NA | 10 | 24 | .005 |
| | 2N863 | PS 210 | 18 | SPR,HUG,CRY | 15 | 15 | 10.0 | .050 | .150 | A 140J | 10.000 | G | 100NA | 10 | 60 | .005 |
| | 2N864 | PS 210 | 18 | SPR,HUG,CRY | 6 | 6 | 6.0 | .050 | .150 | A 140J | 16.000 | G | 100NA | 6 | 50 | .005 |
| | 2N865 | PS 210 | 18 | SPR,HUG,CRY | 15 | 15 | 10.0 | .050 | .150 | A 140J | 24.000 | G | 100NA | 10 | 84 | .005 |
| | 2N869 | PS 211 | 18 | MOT,GIC,TEC,HUG,FSC,ITT | 25 | 18 | 5.0 | | .360 | A 200J | 150.000 | G | 10NA | 15 | 40 | |
| | 2N869A | PS 211 | 18 | RAY,FSC,MOT,HUG,ITT | 25 | 18 | 5.0 | | .360 | A 200J | 400.000 | G | | | 70 | .030 |
| | 2N870 | NS 211 | 18 | AMC,TRW,SES,ETC,RAY,GIC | 100 | 60 | 7.0 | | .500 | A 200J | 50.000 | G | 10NA | 75 | 80 | .150 |
| | 2N871 | NS 211 | 18 | AMC,RAY,TRW,SES,ETC,TEC | 100 | 60 | 7.0 | | .500 | A 200J | 60.000 | G | 10NA | 75 | 160 | .150 |
| | 2N909 | NS 211 | 18 | TRW,TEC,HUG | 60 | 30R | 5.0 | | .400 | A 175J | 50.000 | G | 1UA | 30 | 200 | .050 |
| | 2N910 | NS 211 | 18 | AMC,RAY,TRW,TEC,MOT,HUG | 100 | 60 | 7.0 | | .500 | A 200J | 60.000 | G | 25NA | 75 | 130 | .010 |
| | 2N911 | NS 211 | 18 | AMC,RAY,TRW,TEC,MOT,HUG | 100 | 60 | 7.0 | | .500 | A 200J | 50.000 | G | 25NA | 75 | 70 | .010 |
| | 2N912 | NS 211 | 18 | AMC,RAY,TRW,TEC,HUG,FSC | 100 | 60 | 7.0 | | .500 | A 200J | 40.000 | G | 25NA | 75 | 30 | .010 |
| | 2N914 | NS 211 | 18 | MOT,ITT,TII,GIC,SES,TEC | 40 | 15 | 5.0 | | .360 | A 200J | 300.000 | G | 25NA | 20 | 60 | .010 |
| - | 2N914/46 | NS 211 | 46 | SYL | 40 | 15 | 5.0 | | .400 | A 200J | 300.000 | G | 25NA | 20 | 60 | |
| - | 2N914/51 | NS 910 | 51 | SYL | 40 | 15 | 5.0 | | .300 | A 200J | 300.000 | G | 25NA | 20 | 60 | |
| | 2N915 | NS 211 | 18 | RAY,ETC,TII,MOT,HUG,FSC | 70 | 50 | 5.0 | | .360 | A 200J | 250.000 | G | 10NA | 60 | 100 | .010 |
| | 2N916 | NS 211 | 18 | RAY,TII,TRW,MOT,HUG,FSC | 45 | 25 | 5.0 | | .360 | A 200J | 300.000 | G | 10NA | 30 | 100 | .010 |
| | 2N916A | NS 211 | 18 | HUG | 45 | 25 | 5.0 | | .360 | A 200J | 300.000 | G | 10NA | 30 | 90 | .010 |
| | 2N917 | NS 217 | 72 | AMC,RAY,TII,SES,NSC,TEC | 30 | 15 | 3.0 | | .200 | A 200J | 500.000 | G | 1NA | 15 | 40 | .003 |
| | 2N917A | NS 217 | 72 | RAY | 30 | 15 | 3.0 | | .200 | A 200J | 600.000 | G | 1NA | 15 | 70 | .003 |
| | 2N918 | NS 217 | 72 | GEC,RAY,TII,FSC,MOT,SES | 30 | 15 | 3.0 | .050 | .200 | A 200J | 600.000 | G | 10NA | 15 | 40 | .003 |
| - | 2N918/51 | NS 909 | 51 | SYL | 30 | 15 | 3.0 | .050 | .200 | A 200J | 600.000 | G | 10NA | 15 | 40 | |
| - | 2N919 | NS 211 | 18 | CLE | 25 | 15 | 5.0 | .220 | .680 | A 200J | 200.000 | G | 20NA | 15 | 40 | |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | | | $h_{FE}$ @ | $I_C$(A) |
| - | 2N920 | NS 211 | 18 | CLE | 25 | 15 | 5.0 | .220 | .680 | A | 200J | | 200.000 | G | 20NA 15 | 80 | | |
| - | 2N921 | NS 211 | 18 | CLE | 50 | 20 | 5.0 | .220 | .680 | A | 200J | | 200.000 | G | 20NA 15 | 40 | | |
| - | 2N922 | NS 211 | 18 | CLE | 50 | 20 | 5.0 | .220 | .680 | A | 200J | | 200.000 | G | 20NA 15 | 80 | | |
| | 2N923 | PS 210 | 18 | SOL,HUG | 40 | 25 | 40.0 | .100 | .250 | A | 200J | | .800 | B | 25NA 40 | 20 | | .001 |
| | 2N924 | PS 210 | 18 | SOL,HUG | 40 | 25 | 40.0 | .100 | .250 | A | 200J | | .800 | B | 25NA 40 | 40 | | .001 |
| | 2N925 | PS 210 | 18 | SOL,HUG | 50 | 40 | 50.0 | .100 | .250 | A | 200J | | .800 | B | 25NA 50 | 18 | | .001 |
| | 2N926 | PS 210 | 18 | SOL,HUG | 50 | 40 | 50.0 | .100 | .250 | A | 200J | | .800 | B | 25NA 50 | 36 | | .001 |
| | 2N927 | PS 210 | 18 | SOL,HUG | 70 | 60 | 70.0 | .100 | .250 | A | 200J | | .800 | B | 25NA 70 | 16 | | .001 |
| | 2N928 | PS 210 | 18 | SOL,HUG | 70 | 60 | 70.0 | .100 | .250 | A | 200J | | .800 | B | 25NA 70 | 36 | | .001 |
| | 2N929 | NS 211 | 18 | AMC,FSC,GEC,RAY,TII,GIC | 45 | 45 | 5.0 | .030 | .300 | A | 175J | | 1.000 | G | 10NA 45 | 80 | | .001 |
| | 2N929A | NS 211 | 18 | SSD,RAY,GIC,NSC,TII,SOL | 60 | 45 | 6.0 | .030 | .500 | A | 200J | | 45.000 | G | 2NA 45 | 80 | | .001 |
| | 2N930 | NS 211 | 18 | AMC,FSC,ITT,SES,TII,GIC | 45 | 45 | 5.0 | .030 | .300 | A | 175J | | 1.000 | G | 10NA 45 | 200 | | .001 |
| | 2N930A | NS 211 | 18 | SSD,RAY,NSC,GIC,TII,SOL | 60 | 45 | 6.0 | .030 | .500 | A | 200J | | 45.000 | G | 2NA 45 | 200 | | .001 |
| | 2N930B | NS 211 | 18 | RAY,SOL | 60 | 45 | 6.0 | | .500 | A | 200J | | 45.000 | G | 100NA 45 | 200 | | .001 |
| | 2N935 | PS 210 | 18 | SSD,SOL,HUG,CRY | 50 | 40 | 20.0 | .050 | .250 | A | 160J | | .200 | B | 100NA 30 | 10 | | .001 |
| | 2N936 | PS 210 | 18 | SSD,SOL,HUG,CRY | 50 | 35 | 20.0 | .051 | .250 | A | 160J | | .300 | B | 100NA 30 | 18 | | .001 |
| | 2N937 | PS 210 | 18 | SSD,SOL,HUG,CRY | 50 | 30 | 20.0 | .050 | .250 | A | 160J | | .500 | B | 100NA 30 | 36 | | .001 |
| | 2N938 | PS 210 | 18 | SSD,SOL,HUG,CRY | 40 | 35 | 40.0 | .050 | .250 | A | 175J | | 1.000 | B | 25NA 35 | 10 | | |
| | 2N939 | PS 210 | 18 | SSD,SOL,HUG,CRY | 40 | 35 | 40.0 | .050 | .250 | A | 175J | | 2.000 | B | 25NA 35 | 18 | | |
| | 2N940 | PS 210 | 18 | SSD,SOL,HUG,CRY | 40 | 35 | 40.0 | .050 | .250 | A | 175J | | 2.000 | B | 25NA 35 | 36 | | |
| | 2N941 | PS 210 | 18 | SSD,SOL,HUG,CRY | 25 | 8 | 25.0 | .050 | .250 | A | 175J | | 16.000 | G | 2NA 4 | 10 | | .001 |
| | 2N942 | PS 210 | 18 | SSD,SOL,HUG,CRY | 25 | 8 | 25.0 | .050 | .250 | A | 175J | | 10.000 | G | 2NA 4 | 10 | | .001 |
| | 2N943 | PS 210 | 18 | SSD,SOL,HUG,CRY | 40 | 18 | 40.0 | .050 | .250 | A | 175J | | 1.000 | B | 5NA 30 | 10 | | .001 |
| | 2N944 | PS 210 | 18 | SSD,HUG,CRY | 40 | 18 | 40.0 | .050 | .250 | A | 175J | | 1.000 | B | 5NA 30 | 10 | | .001 |
| | 2N945 | PS 210 | 18 | SSD,SOL,HUG,CRY | 50 | 50 | 50.0 | .050 | .250 | A | 175J | | 1.000 | B | 5NA 40 | 10 | | .001 |
| | 2N946 | PS 210 | 18 | SSD,SOL,HUG,CRY | 80 | 80 | 80.0 | .050 | .250 | A | 175J | | 1.000 | B | 5NA 60 | 10 | | .001 |
| | 2N947 | NS 211 | 18 | HUG | 20 | 15R | 3.0 | .100 | .360 | A | 150C | | 200.000 | G | 1UA 15 | 45 | | .010 |
| - | 2N955 | NS 211 | 18 | RCA | 12 | 8 | 2.0 | .100 | .150 | A | 100J | | 500.000 | G | 5UA 5 | 50 | | |
| - | 2N955A | NS 211 | 18 | RCA | 12 | 8 | 2.0 | .100 | .150 | A | 100J | | 500.000 | G | 5UA 6 | 50 | | |
| | 2N956 | NS 211 | 18 | AMC,RAY,TII,MOT,TRW,SES | 75 | 50R | 7.0 | | .500 | A | 200J | | 70.000 | G | 10UA 60 | 150 | | |
| | 2N957 | NS 211 | 18 | TRW,RAY,TEC,HUG | 40 | 20 | 5.0 | | .250 | A | 150A | | 200.000 | G | 5UA 20 | 80 | | .010 |
| | 2N960 | PG 211 | 18 | MOT,TII | 15 | 7 | 2.5 | .300 | .150 | A | 100J | | 300.000 | G | 3UA 6 | 40 | | |
| | 2N961 | PG 211 | 18 | MOT,TII | 12 | 7 | 2.0 | .300 | .150 | A | 100J | | 300.000 | G | 3UA 6 | 40 | | |
| | 2N962 | PG 211 | 18 | MOT,TII | 12 | 7 | 1.2 | .300 | .150 | A | 100J | | 300.000 | G | 3UA 6 | 40 | | |
| | 2N963 | PG 211 | 18 | MOT,TII | 12 | 7 | 1.2 | .100 | .150 | A | 100J | | 250.000 | G | 5UA 6 | 40 | | |
| | 2N964 | PG 211 | 18 | MOT,TII,HUG | 15 | 7 | 2.5 | .300 | .150 | A | 100J | | 300.000 | G | 3UA 6 | 80 | | |
| | 2N964A | PG 210 | 18 | MOT | 15 | 15 | 2.5 | .100 | .150 | A | 100J | | 300.000 | G | 3UA 6 | 95 | | .100 |
| | 2N965 | PG 211 | 18 | MOT,TII | 12 | 7 | 2.0 | .300 | .150 | A | 100J | | 300.000 | G | 3UA 6 | 80 | | |
| | 2N966 | PG 211 | 18 | MOT,TII | 12 | 7 | 1.2 | .300 | .150 | A | 100J | | 300.000 | G | 3UA 6 | 80 | | |
| | 2N967 | PG 211 | 18 | MOT,TII | 12 | 7 | 1.2 | .100 | .150 | A | 100J | | 250.000 | G | 5UA 6 | 80 | | |
| | 2N968 | PG 211 | 18 | MOT,TII | 15 | 15S | 2.5 | .200 | .150 | A | 100J | | 300.000 | G | 3UA 6 | 40 | | .025 |
| | 2N969 | PG 211 | 18 | MOT,TII | 12 | 12S | 2.0 | .200 | .150 | A | 100J | | 300.000 | G | 3UA 6 | 40 | | .025 |
| | 2N970 | PG 211 | 18 | MOT,TII | 12 | 12S | 1.2 | .200 | .150 | A | 100J | | 300.000 | G | 3UA 6 | 40 | | .025 |
| | 2N971 | PG 211 | 18 | MOT,TII | 7 | 7S | 1.2 | .200 | .150 | A | 100J | | 300.000 | G | 10UA 6 | 40 | | .025 |
| | 2N972 | PG 211 | 18 | MOT,TII | 15 | 15S | 2.5 | .200 | .150 | A | 100J | | 300.000 | G | 100UA 15 | 80 | | .025 |
| | 2N973 | PG 211 | 18 | MOT,TII | 12 | 12S | 2.0 | .200 | .150 | A | 100J | | 300.000 | G | 100UA 12 | 80 | | .025 |
| | 2N974 | PG 211 | 18 | MOT,TII | 12 | 12S | 1.2 | .200 | .150 | A | 100J | | 300.000 | G | 100UA 12 | 80 | | .025 |
| | 2N975 | PG 211 | 18 | MOT,TII | 7 | 7S | 1.2 | .200 | .150 | A | 100J | | 300.000 | G | 100UA 7 | 80 | | .025 |
| | 2N976 | PG 210 | 18 | HUG | 15 | 10 | 2.0 | .100 | .100 | A | 100J | | 500.000 | G | 3UA 5 | 50 | | |
| | 2N978 | PS 211 | 18 | TEC,HUG,FSC | 30 | 20 | 5.0 | | .600 | A | 150A | | 40.000 | G | 5UA 10 | 30 | | |
| | 2N979 | PG 210 | 18 | SPR,HUG | 20 | 15 | 2.0 | .100 | .060 | A | 100J | | 130.000 | G | 3UA 5 | 50 | | |
| | 2N980 | PG 210 | 18 | SPR,HUG | 20 | 12 | 2.0 | .100 | .060 | A | 100J | | 100.000 | G | 5UA 5 | 50 | | |
| | 2N982 | PG 210 | 18 | SPR,HUG | 20 | 15 | 2.0 | .100 | .060 | A | 100J | | 225.000 | G | 3UA 5 | 100 | | |
| | 2N983 | PG 210 | 18 | SPR,HUG | 15 | 15 | 2.0 | .100 | .060 | A | 100J | | 225.000 | G | 3UA 5 | 80 | | |
| | 2N984 | PG 210 | 18 | SPR,HUG | 15 | 15 | 2.0 | .100 | .060 | A | 100J | | 170.000 | G | 5UA 5 | 60 | | |
| | 2N985 | PG 211 | 18 | TII,MOT | 15 | 7 | 3.0 | .200 | .300 | A | 100J | | 300.000 | G | 3UA 6 | 90 | | .100 |
| | 2N987 | PG 217 | 72 | AMP | 40 | 40 | 1.0 | .010 | .086 | A | 90J | | 100.000 | G | 8UA 6 | 120 | | |
| | 2N988 | NS 210 | 18 | TRW | 20 | 15 | 3.0 | .200 | .300 | A | 200J | | 300.000 | G | 500NA 15 | 52 | | .010 |
| | 2N989 | NS 210 | 18 | TRW | 20 | 10 | 3.0 | .200 | .300 | A | 200J | | 300.000 | G | 500NA 15 | 52 | | .010 |
| | 2N990 | PG 218 | 72 | AMP | 32 | 32 | 1.0 | .010 | .067 | A | 75J | | 44.000 | G | 8UA 6 | 140 | | |
| | 2N993 | PG 218 | 72 | AMP | 32 | 32 | 1.0 | .010 | .067 | A | 75J | | 44.000 | G | 8UA 6 | 140 | | |
| | 2N995 | PS 211 | 18 | MOT,GIC,TEC,HUG,FSC | 20 | 15 | 4.0 | | .360 | A | 200J | | 100.000 | G | 5NA 15 | 70 | | .020 |
| | 2N996 | PS 211 | 18 | GIC,TEC,HUG,FSC | 15 | 12 | 4.0 | | .360 | A | 200J | | 100.000 | G | 5NA 10 | 70 | | .020 |
| | 2N1000 | NG 210 | 5 | ETC | 40 | 30R | 40.0 | .200 | .150 | A | 100J | | 7.000 | B | 15UA 40 | 50 | | .100 |
| - | 2N1005 | NS 210 | 5 | TII | 15 | 15 | .5 | | .125 | A | 150J | | 50.000 | G | 1UA 10 | 30 | | |
| - | 2N1006 | NS 210 | 5 | TII | 15 | 15 | .5 | | .125 | A | 150J | | 50.000 | G | 1UA 10 | 80 | | |
| - | 2N1007 | PG 605 | 3 | SYL | 40 | 35R | | 3.000 | 25.000 | A | 95J | | .005 | E | 2MA 15 | 40 | | |
| | 2N1008 | PG 210 | 5 | MOT,ETC | 20 | 15R | 15.0 | .300 | .165 | A | 85J | | .025 | E | 10UA 10 | 90 | | |
| | 2N1008A | PG 210 | 5 | ETC,MOT | 40 | 35R | 15.0 | .300 | .165 | A | 85J | | .025 | E | 10UA 25 | 100 | | |
| | 2N1008B | PG 210 | 5 | MOT,ETC | 60 | 55R | 15.0 | .300 | .165 | A | 85J | | .025 | E | 15UA 45 | 90 | | |
| | 2N1010 | NG 210 | 5 | ETC | 10 | 10 | 10.0 | .020 | .040 | A | 85J | | 2.000 | B | 10UA 10 | 35 | | |
| | 2N1010+ | NG 120 | 1 | RCA | 10 | 10 | 10.0 | .002 | .020 | A | 55A | | 2.000 | B | 10UA 10 | 36 | | |
| | 2N1011 | PG 605 | 3 | DEL,MOT,SOL,ETC,HUG,KSC | 80 | 40 | 40.0 | 5.000 | 60.000 | C | 95A | | .005 | E | 15MA 80 | 70 | 3.000 | |
| | 2N1012 | NG 210 | 5 | ETC,GIC | 40 | 22 | 30.0 | | .150 | A | 85J | | 3.000 | B | 5UA 5 | 80 | .100 | |
| - | 2N1014 | PG 605 | 3 | RCA | 100 | 65 | 60.0 | 10.000 | 50.000 | C | 100J | | .005 | E | 500UA 30 | 14 | 2.000 | |
| | 2N1015 | NS 412 | 82 | AME,STC,WHE,SPC,SEN | 30 | 30S | 25.0 | 7.500 | 175.000 | C | 150J | | .020 | E | 20MA 30 | 14 | 2.000 | |
| | 2N1015A | NS 412 | 82 | AME,STC,WHE,SPC,HUG,SEN | 60 | 60S | 25.0 | 7.500 | 175.000 | C | 150J | | .020 | E | 20MA 60 | 14 | 2.000 | |
| | 2N1015B | NS 412 | 82 | AME,STC,WHE,SPC,HUG,SEN | 100 | 100S | 25.0 | 7.500 | 175.000 | C | 150J | | .020 | E | 20MA 100 | 14 | 2.000 | |
| | 2N1015C | NS 412 | 82 | AME,STC,WHE,SPC,HUG,SEN | 150 | 150S | 25.0 | 7.500 | 175.000 | C | 150J | | .020 | E | 20MA 150 | 14 | 2.000 | |
| | 2N1015D | NS 412 | 82 | WHE,STC,SPC,HUG,SEN | 200 | 200 | 25.0 | 7.500 | 150.000 | C | 150J | | .025 | E | 20MA 200 | 14 | 2.000 | |
| | 2N1015E | NS 412 | 82 | WHE,STC,SPC,HUG,SEN | 250 | 250 | 25.0 | 7.500 | 150.000 | C | 150J | | .025 | E | 20MA 250 | 14 | 2.000 | |
| | 2N1016 | NS 412 | 82 | WHE,STC,SPC,HUG,SEN | 30 | 30 | 25.0 | 7.500 | 150.000 | C | 150J | | .030 | E | 20MA 30 | 18 | 5.000 | |
| | 2N1016A | NS 412 | 82 | WHE,STC,SPC,HUG,SEN | 60 | 60 | 25.0 | 7.500 | 150.000 | C | 150J | | .030 | E | 20MA 60 | 18 | 5.000 | |
| | 2N1016B | NS 412 | 82 | WHE,STC,SPC,HUG,SEN | 100 | 100 | 25.0 | 7.500 | 150.000 | C | 150J | | .030 | E | 20MA 100 | 18 | 5.000 | |
| | 2N1016C | NS 412 | 82 | WHE,STC,SPC,HUG,SEN | 150 | 150 | 25.0 | 7.500 | 150.000 | C | 150J | | .030 | E | 20MA 150 | 18 | 5.000 | |
| | 2N1016D | NS 412 | 82 | WHE,STC,SPC,HUG,SEN | 200 | 200 | 25.0 | 7.500 | 150.000 | C | 150J | | .030 | E | 20MA 200 | 18 | 5.000 | |
| | 2N1016E | NS 412 | 82 | WHE,STC,SPC,HUG,SEN | 250 | 250 | 25.0 | 7.500 | 150.000 | C | 150J | | .030 | E | 20MA 250 | 18 | 5.000 | |
| | 2N1017 | PG 210 | 5 | ETC | 30 | 10 | 20.0 | .400 | .150 | A | 100J | | 20.000 | B | 25UA 30 | 40 | | |
| | 2N1018 | PG 210 | 5 | ETC | 30 | 8R | 20.0 | | .150 | A | 100J | | 15.000 | B | 25UA 30 | 30 | | |
| | 2N1021 | PG 605 | 3 | DEL,SOL,MOT,TII,ETC,HUG | 100 | 50 | 20.0 | 5.000 | 85.000 | C | 100J | | .200 | G | 2MA 100 | 60 | 5.000 | |
| | 2N1021A | PG 605 | 3 | DEL,TII,SOL,ETC,HUG,KSC | 100 | 50 | 30.0 | 7.000 | 100.000 | C | 100J | | .200 | G | 2MA 100 | 60 | 5.000 | |
| | 2N1022 | PG 605 | 3 | DEL,TIL,MOT,TII,ETC,HUG | 120 | 50 | 20.0 | 5.000 | 85.000 | C | 100J | | .200 | G | 2MA 120 | 60 | 5.000 | |
| | 2N1022A | PG 605 | 3 | DEL,TII,SOL,ETC,HUG,KSC | 120 | 50 | 30.0 | 7.000 | 100.000 | C | 100J | | .200 | G | 2MA 120 | 60 | 5.000 | |
| | 2N1023 | PG 128 | 44 | RCA | 40 | | .5 | .010 | .120 | A | 100J | | 30.000 | B | 12UA 12 | 70 | | |
| | 2N1024 | PS 210 | 5 | SSD,NSC,SOL,HUG,CRY | 18 | 15 | 18.0 | .100 | .250 | A | 175J | | 1.000 | G | 25NA 18 | 20 | | .001 |
| | 2N1025 | PS 210 | 5 | SSD,NSC,SOL,HUG,CRY | 40 | 35 | 40.0 | .100 | .250 | A | 175J | | 1.000 | G | 25NA 40 | 15 | | .001 |
| | 2N1026 | PS 210 | 5 | SSD,NSC,SOL,HUG,CRY | 40 | 35 | 40.0 | .100 | .250 | A | 175J | | 2.000 | G | 25NA 40 | 30 | | .001 |
| | 2N1026A | | | SEE 2N1469 | | | | | | | | | | | | | | |
| | 2N1027 | PS 210 | 5 | SSD,SOL,HUG | 18 | 15 | 18.0 | .100 | .250 | A | 175J | | 4.000 | B | 25NA 15 | 36 | | .001 |
| | 2N1028 | PS 210 | 5 | SSD,SOL,HUG | 12 | 10 | 12.0 | .100 | .250 | A | 175J | | 2.000 | B | 25NA 10 | 26 | | .001 |
| | 2N1031 | PG 607 | 41 | ETC,SOL,HUG | 50 | 20 | | 15.000 | 90.000 | C | 100J | | .004 | E | 2MA 15 | 40 | 10.000 | |
| | 2N1031A | PG 607 | 41 | ETC,SOL,HUG | 60 | 30 | | 15.000 | 90.000 | C | 100J | | .004 | E | 2MA 25 | 40 | 10.000 | |
| | 2N1031B | PG 607 | 41 | ETC,SOL,HUG | 90 | 60 | | 15.000 | 90.000 | C | 100J | | .004 | E | 2MA 60 | 40 | 10.000 | |
| | 2N1031C | PG 607 | 41 | ETC,SOL,HUG | 100 | 70 | | 15.000 | 90.000 | C | 100J | | .004 | E | 2MA 60 | 40 | 10.000 | |
| | 2N1032 | PG 607 | 41 | ETC,SOL,HUG | 50 | 20 | | 15.000 | 90.000 | C | 100J | | .004 | E | 2MA 15 | 74 | 10.000 | |
| | 2N1032A | PG 607 | 41 | ETC,SOL,HUG | 60 | 30 | | 15.000 | 90.000 | C | 100J | | .004 | E | 2MA 25 | 74 | 10.000 | |
| | 2N1032B | PG 607 | 41 | ETC,SOL,HUG | 90 | 60 | | 15.000 | 90.000 | C | 100J | | .004 | E | 2MA 60 | 74 | 10.000 | |
| | 2N1032C | PG 607 | 41 | ETC,SOL,HUG | 100 | 70 | | 15.000 | 90.000 | C | 100J | | .004 | E | 2MA 60 | 74 | 10.000 | |
| | 2N1034 | PS 210 | 5 | SSD,NSC,SOL,CRY | 50 | 40 | 20.0 | .050 | .250 | A | 160J | | .150 | B | 1UA 30 | 150 | .001 | |
| | 2N1035 | PS 210 | 5 | SSD,NSC,SOL,CRY | 50 | 35 | 20.0 | .050 | .250 | A | 160J | | .200 | B | 1UA 30 | 40 | .001 | |
| | 2N1036 | PS 210 | 5 | SSD,NSC,SOL,CRY | 50 | 30 | 20.0 | .050 | .250 | A | 160J | | .300 | B | 1UA 30 | 120 | .001 | |
| | 2N1037 | PS 210 | 5 | SSD,SOL,CRY | 50 | 35 | 20.0 | .050 | .250 | A | 160J | | .150 | B | 1UA 30 | 40 | .001 | |
| | 2N1038 | PG 211 | 5 | SOL,TII,MOT,HUG,KSC | 40 | 30 | 20.0 | 3.000 | 20.000 | C | 100J | | .008 | E | 125UA 20 | 36 | 1.000 | |
| | 2N1038-1 | PG 541 B | | KSC | 40 | 30 | 20.0 | 3.000 | 20.000 | C | 100J | | .008 | E | 125UA 20 | 36 | 1.000 | |
| | 2N1038-2 | PG 541 A | | KSC | 40 | 30 | 20.0 | 3.000 | 20.000 | C | 100J | | .008 | E | 125UA 20 | 36 | 1.000 | |
| | 2N1039 | PG 211 | 5 | SOL,TII,MOT,KSC | 60 | 40 | 20.0 | 3.000 | 20.000 | C | 100J | | .008 | E | 125UA 30 | 36 | 1.000 | |
| | 2N1039-1 | PG 541 B | | KSC | 60 | 40 | 20.0 | 3.000 | 20.000 | C | 100J | | .008 | E | 125UA 30 | 36 | 1.000 | |
| | 2N1039-2 | PG 541 A | | KSC | 60 | 40 | 20.0 | 3.000 | 20.000 | C | 100J | | .008 | E | 125UA 30 | 36 | 1.000 | |
| | 2N1040 | PG 211 | 5 | SOL,TII,MOT,KSC | 80 | 50 | 20.0 | 3.000 | 20.000 | C | 100J | | .008 | E | 125UA 40 | 36 | 1.000 | |
| | 2N1040-1 | PG 541 B | | KSC | 80 | 50 | 20.0 | 3.000 | 20.000 | C | 100J | | .008 | E | 125UA 40 | 36 | 1.000 | |
| | 2N1040-2 | PG 541 A | | KSC | 80 | 50 | 20.0 | 3.000 | 20.000 | C | 100J | | .008 | E | 125UA 40 | 36 | 1.000 | |
| | 2N1041 | PG 211 | 5 | SOL,TII,MOT,KSC | 100 | 60 | 20.0 | 3.000 | 20.000 | C | 100J | | .008 | E | 125UA 50 | 36 | 1.000 | |
| | 2N1041-1 | PG 541 B | | KSC | 100 | 60 | 20.0 | 3.000 | 20.000 | C | 100J | | .008 | E | 125UA 50 | 36 | 1.000 | |
| | 2N1041-2 | PG 541 A | | KSC | 100 | 60 | 20.0 | 3.000 | 20.000 | C | 100J | | .008 | E | 125UA 50 | 36 | 1.000 | |
| | 2N1042 | PG 541 A | | SOL,TII,MOT,KSC | 40 | 30 | 20.0 | 3.000 | 20.000 | C | 100J | | .250 | G | 125UA 20 | 36 | 1.000 | |
| | 2N1042-1 | PG 541 B | | KSC | 40 | 30 | 20.0 | 3.000 | 20.000 | C | 100J | | .008 | E | 125UA 20 | 36 | 1.000 | |
| | 2N1042-2 | PG 211 | 5 | KSC | 40 | 30 | 20.0 | 3.000 | 20.000 | C | 100J | | .008 | E | 125UA 20 | 36 | 1.000 | |
| | 2N1043 | PG 541 A | | SOL,TII,MOT,KSC | 60 | 40 | 20.0 | 3.000 | 20.000 | C | 100J | | .250 | G | 125UA 30 | 36 | 1.000 | |
| | 2N1043-1 | PG 541 B | | KSC | 60 | 40 | 20.0 | 3.000 | 20.000 | C | 100J | | .008 | E | 125UA 30 | 36 | 1.000 | |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Condition | Cutoff $I_{CBO}$ @ $V_{CB}$ | | Gain $h_{FE}$ @ $I_C$(A) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. / Temp. (°C) / Cond. | | | | | | |
| | 2N1043-2 | PG 211 | 5 | KSC | 60 | 40 | 20.0 | 3.000 | 20.000 | C 100J | .008 | E | 125UA | 30 | 36 | 1.000 |
| | 2N1044 | PG 541 A | | SOL,TII,MOT,KSC | 80 | 50 | 20.0 | 3.000 | 20.000 | C 100J | .250 | G | 125UA | 40 | 36 | 1.000 |
| | 2N1044-1 | PG 541 B | | KSC | 80 | 50 | 20.0 | 3.000 | 20.000 | C 100J | .008 | E | 125UA | 40 | 36 | 1.000 |
| | 2N1044-2 | PG 211 | 5 | KSC | 80 | 50 | 20.0 | 3.000 | 20.000 | C 100J | .008 | E | 125UA | 40 | 36 | 1.000 |
| | 2N1045 | PG 541 A | | SOL,TII,MOT,KSC | 100 | 60 | 20.0 | 3.000 | 20.000 | C 100J | .250 | G | 125UA | 50 | 36 | 1.000 |
| | 2N1045-1 | PG 541 B | | KSC | 100 | 60 | 20.0 | 3.000 | 20.000 | C 100J | .008 | E | 125UA | 50 | 36 | 1.000 |
| | 2N1045-2 | PG 211 | 5 | KSC | 100 | 60 | 20.0 | 3.000 | 20.000 | C 100J | .008 | E | 125UA | 50 | 36 | 1.000 |
| | 2N1046 | PG 605 | 3 | TII,ETC,TIL | 100 | 50 | 1.5 | 10.000 | 30.000 | A 100J | .300 | E | 10UA | 100 | 100 | |
| | 2N1046A | PG 605 | 3 | TII,ETC | 130 | 50 | 1.5 | 10.000 | 30.000 | A 100J | .300 | E | 10UA | 130 | 100 | |
| | 2N1046B | PG 605 | 3 | TII,ETC | 130 | 50 | 1.5 | 10.000 | 30.000 | A 100J | .300 | E | 10UA | 130 | 100 | |
| | 2N1047 | NS 461 | 57 | TII,ETC,STC,SEN | 80 | | 6.0 | | 40.000 | C 200J | .200 | E | 15UA | 30 | 24 | |
| | 2N1047A | NS 461 | 57 | ETC,TII,STC,SEN | 80 | 80 | 10.0 | | 40.000 | C 200J | .090 | E | 250UA | 80 | 24 | .500 |
| | 2N1047B | NS 461 | 57 | TII,STC,SEN | 80 | 80 | 6.0 | | 40.000 | C 200J | .125 | E | 50UA | 80 | 24 | |
| | 2N1048 | NS 461 | 57 | TII,ETC,STC,SEN | 120 | | 6.0 | | 40.000 | C 200J | .200 | E | 15UA | 30 | 24 | |
| | 2N1048A | NS 461 | 57 | ETC,TII,STC,SEN | 120 | 120 | 10.0 | | 40.000 | C 200J | .090 | E | 250UA | 80 | 24 | .500 |
| | 2N1048B | NS 461 | 57 | TII,STC,SEN | 120 | 120 | 6.0 | | 40.000 | C 200J | .125 | E | 100UA | 120 | 24 | |
| | 2N1049 | NS 461 | 57 | TII,ETC,STC,SEN | 80 | | 6.0 | | 40.000 | C 200J | .200 | E | 15UA | 30 | 60 | |
| | 2N1049A | NS 461 | 57 | ETC,TII,STC,SEN | 80 | 80 | 10.0 | | 40.000 | C 200J | .090 | E | 250UA | 80 | 60 | .500 |
| | 2N1049B | NS 461 | 57 | TII,STC,SEN | 80 | 80 | 6.0 | | 40.000 | C 200J | .125 | E | 50UA | 80 | 60 | |
| | 2N1050 | NS 461 | 57 | TII,ETC,STC,SEN | 120 | | 6.0 | | 40.000 | C 200J | .200 | E | 15UA | 30 | 60 | |
| | 2N1050A | NS 461 | 57 | ETC,TII,STC,SEN | 120 | 120 | 10.0 | | 40.000 | C 200J | .090 | E | 250UA | 80 | 60 | 1.500 |
| | 2N1050B | NS 461 | 57 | TII,STC,SEN | 120 | 120 | 6.0 | | 40.000 | C 200J | .125 | E | 100UA | 120 | 60 | |
| | 2N1052 | NS 211 | 5 | TEC | 200 | 155 | 6.0 | .200 | .600 | H 200A | 8.000 | G | 10UA | 200 | 40 | .200 |
| | 2N1053 | NS 211 | 5 | TEC | 180 | 135 | 6.0 | .200 | .600 | H 200A | 8.000 | G | 10UA | 180 | 40 | .200 |
| | 2N1054 | NS 211 | 5 | SSP,ETC,TEC | 125 | 115 | 6.0 | .750 | .600 | A 200J | 8.000 | G | 5UA | 125 | 30 | .020 |
| | 2N1055 | NS 210 | 5 | SSP,TEC | 100 | 100 | 6.0 | .200 | .600 | A 200J | 3.000 | G | 15UA | 100 | 50 | |
| | 2N1056 | PG 210 | 5 | ETC | | 50R | 15.0 | .100 | .240 | A 85J | .500 | B | 16UA | 45 | 30 | |
| | 2N1057 | PG 210 | 5 | ETC | | 45R | 5.0 | .300 | .240 | A 85J | .500 | B | 16UA | 45 | 60 | |
| | 2N1057+ | PG 57 B | | GEC | 45 | | 5.0 | .300 | .240 | A 85J | .500 | B | 16UA | 45 | 60 | |
| | 2N1058 | NG 210 | 5 | ETC | | 20R | | .050 | .050 | A 75J | 4.000 | B | 50UA | 18 | 16 | |
| - | 2N1058+ | NG 10 | 22 | SYL | 18 | 18R | | .050 | .150 | A 85J | 4.000 | B | 50UA | 18 | 40 | |
| | 2N1059 | NG 210 | 5 | ETC | 20 | 15R | 10.0 | .500 | .250 | A 85J | .010 | B | 10UA | 10 | 75 | .035 |
| - | 2N1059+ | NG 10 | 22 | SYL | 20 | 15R | 10.0 | .100 | .180 | A 85J | .100 | G | 204A | 20 | 70 | |
| - | 2N1065 | PG 170 | 9 | GTC | 40 | 20 | 1.0 | | .120 | A 100J | 20.000 | B | 8UA | 10 | 50 | |
| | 2N1066 | PG 217 | 33 | AMP,RCA | 40 | | .5 | .010 | .120 | A 100J | 30.000 | B | 12UA | 12 | 70 | |
| | 2N1067 | NS 171 | 8 | STC,SEN | 60 | 30 | 12.0 | .500 | 5.000 | C 175J | .750 | B | 500UA | 60 | 34 | .200 |
| | 2N1068 | NS 171 | 8 | AMF,STC,SEN | 60 | 30 | 12.0 | 1.500 | 10.000 | C 175J | .750 | B | 500UA | 60 | 34 | .200 |
| | 2N1069 | NS 605 | 3 | AMF,ETC,STC | 60 | 45 | 9.0 | 4.000 | 50.000 | C 175J | .500 | B | 1MA | 60 | 24 | |
| | 2N1070 | NS 605 | 3 | AMF,ETC,STC | 60 | 45 | 9.0 | 4.000 | 50.000 | C 175J | .500 | B | 1MA | 60 | 24 | |
| | 2N1073 | PG 607 | 41 | SOL,MOT,ETC,DEL | 40 | 40R | 1.5 | 10.000 | 85.000 | C 110J | .350 | G | 1MA | 25 | 35 | 5.000 |
| | 2N1073A | PG 607 | 41 | SOL,MOT,ETC,DEL | 80 | 80R | 1.5 | 10.000 | 85.000 | C 110J | .350 | G | 1MA | 65 | 35 | 5.000 |
| | 2N1073B | PG 607 | 41 | SOL,MOT,ETC,DEL | 120 | 120R | 1.5 | 10.000 | 85.000 | C 110J | .350 | G | 2MA | 100 | 35 | 5.000 |
| | 2N1079 | NS 731 | 53 | ETC,TEC,HUG | 60 | 60 | 10.0 | 3.000 | 60.000 | C 200J | 10.000 | G | | | 40 | 1.000 |
| | 2N1080 | NS 731 | 53 | ETC,TEC,HUG | 60 | 60 | 10.0 | 3.000 | 60.000 | C 200J | 10.000 | G | | | 40 | 1.000 |
| | 2N1086 | NG 210 | 5 | ETC | 9 | 9 | | .020 | .065 | A 85J | 5.000 | B | 3UA | 5 | 120 | |
| - | 2N1086+ | NG 12 A | | GEC | 9 | 9 | | .020 | .065 | A 85A | 8.000 | B | 3UA | 5 | 40 | |
| | 2N1086A | NG 210 | 5 | ETC | 9 | 9 | | .020 | .065 | A 85J | 5.000 | B | 3UA | 5 | 120 | |
| - | 2N1086A+ | NG 12 A | | GEC | 9 | 9 | | .020 | .065 | A 85A | 8.000 | B | 3UA | 5 | 40 | |
| | 2N1087 | NG 210 | 5 | ETC | 9 | 9 | | .020 | .065 | A 85J | 5.000 | B | 3UA | 5 | 120 | |
| - | 2N1087+ | NG 12 A | | GEC | 9 | 9 | | .020 | .065 | A 85A | 8.000 | B | 3UA | 5 | 40 | |
| | 2N1090 | NG 210 | 5 | ETC | 25 | 15 | 20.0 | .400 | .120 | A 85J | 5.000 | B | 8UA | 12 | 50 | |
| - | 2N1090+ | NG 170 | 9 | RCA | 25 | 15 | 20.0 | .400 | .120 | C 85A | 5.000 | B | 8UA | 12 | 50 | |
| | 2N1091 | NG 210 | 5 | ETC | 25 | 12 | 20.0 | .400 | .120 | A 85J | 10.000 | B | 8UA | 12 | 70 | |
| - | 2N1091+ | NG 170 | 9 | RCA | 25 | 12 | 20.0 | .400 | .120 | C 85A | 10.000 | B | 8UA | 12 | 70 | |
| | 2N1092 | NS 211 | 5 | AMF,ETC | 60 | 30 | 12.0 | .500 | .800 | A 175A | .750 | B | 500UA | 60 | 36 | .200 |
| | 2N1093 | PG 210 | 5 | ETC | 30 | | 15.0 | .250 | .150 | A 100J | .500 | B | 6UA | 30 | 130 | |
| | 2N1097 | PG 212 | 5 | ETC | 18 | 18 | 5.0 | .200 | .200 | A 85A | 1.000 | B | 16UA | 16 | 60 | |
| | 2N1098 | PG 212 | 5 | ETC | 18 | 18 | 5.0 | .200 | .200 | A 85A | 1.000 | B | 16UA | 16 | 50 | |
| | 2N1099 | PG 405 | 36 | DEL,MOT,ETC,SOL,HUG | 80 | 60 | 40.0 | 15.000 | 150.000 | C 100A | .010 | E | 4MA | 80 | 50 | 5.000 |
| | 2N1100 | PG 405 | 36 | MOT,ETC,DEL,SOL,HUG | 100 | 65 | 80.0 | 15.000 | 150.000 | C 100C | .010 | E | 4MA | 100 | 37 | 5.000 |
| | 2N1101 | NG 210 | 5 | ETC | 20 | 15R | 10.0 | .100 | .180 | A 75J | .010 | B | 20UA | 20 | 44 | .035 |
| - | 2N1101+ | NG 10 | 22 | SYL | 20 | 15 | 10.0 | .100 | .180 | A 85J | .010 | B | 20UA | 20 | 44 | |
| | 2N1102 | NG 210 | 5 | ETC | 40 | 25R | 10.0 | .100 | .180 | A 75J | .010 | B | 50UA | 40 | 44 | .035 |
| - | 2N1102+ | NG 10 | 22 | SYL | 40 | 25 | 10.0 | .100 | .180 | A 85J | .010 | B | 50UA | 40 | 44 | |
| | 2N1107 | PG 210 | 5 | ETC | 16 | | 10.0 | .005 | .030 | A 85J | 25.000 | B | 10UA | 12 | | |
| | 2N1108 | PG 210 | 5 | ETC | 16 | | 10.0 | .005 | .030 | A 85J | 20.000 | B | 10UA | 12 | | |
| - | 2N1108+ | PG 10 | 22 | TII | 16 | | | .005 | .030 | A 85J | 35.000 | B | 10UA | 12 | 32 | |
| | 2N1109 | PG 210 | 5 | ETC | 16 | | 10.0 | .005 | .030 | A 85J | 15.000 | B | 10UA | 12 | | |
| - | 2N1109+ | PG 10 | 22 | TII | 16 | | | .005 | .030 | A 85J | 30.000 | B | 10UA | 12 | 20 | |
| | 2N1110 | PG 210 | 5 | ETC | 16 | | 10.0 | .005 | .030 | A 85J | 20.000 | B | 10UA | 12 | | |
| - | 2N1110+ | PG 10 | 22 | TII | 16 | | | .005 | .030 | A 85J | 35.000 | B | 10UA | 12 | 30 | |
| | 2N1111 | PG 210 | 5 | ETC | 20 | | 10.0 | .005 | .030 | A 85J | 20.000 | B | 10UA | 12 | | |
| | 2N1114 | NG 212 | 5 | ETC | 25 | 15 | 15.0 | .200 | .150 | A 100J | 7.000 | B | 30UA | 25 | 90 | |
| | 2N1115 | PG 210 | 5 | ETC | 20 | 15 | 10.0 | .125 | .150 | A 85J | 5.000 | B | 6UA | 20 | 70 | |
| | 2N1116 | NS 210 | 5 | SSP,TEC,HUG,STC,SEN | 60 | 60 | 6.0 | .800 | .600 | A 200J | 6.000 | G | 15UA | 60 | 90 | |
| | 2N1117 | NS 210 | 5 | SSP,TEC,HUG,STC,SEN | 60 | 60 | 6.0 | .800 | .600 | A 200J | 4.000 | G | 15UA | 60 | 100 | |
| | 2N1118 | PS 210 | 5 | SPR,SOL,HUG,CRY | 25 | 25 | 10.0 | .050 | .150 | A 140J | 8.000 | F | 100NA | 25 | 24 | .001 |
| | 2N1118A | PS 210 | 5 | SOL,SPR,HUG,CRY | 25 | 25 | 10.0 | .050 | .150 | A 140J | 8.000 | F | 1UA | 25 | 24 | .001 |
| | 2N1119 | PS 210 | 5 | SPR,SOL,HUG,CRY | 10 | 10 | 10.0 | .050 | .150 | A 140J | 7.200 | G | 100NA | 10 | 24 | .015 |
| | 2N1120 | PG 607 | 41 | MOT,SOL,ETC,HUG | 80 | 40 | 40.0 | 15.000 | 90.000 | C 100J | .003 | E | 15MA | 80 | 32 | 9.999 |
| | 2N1121 | NG 210 | 5 | ETC | 15 | 15R | | .020 | .065 | A 85J | 5.000 | B | 5UA | 15 | 70 | |
| - | 2N1121+ | NG 12 A | | GEC | 15 | 15 | | .020 | .065 | A 85A | 8.000 | B | 5UA | 15 | 60 | |
| | 2N1122 | PG 116 | 24 | SPR | 12 | 11S | | .050 | .025 | A 100J | 40.000 | G | 5UA | 6 | 50 | |
| | 2N1122A | PG 116 | 24 | SPR | 15 | 14S | | .050 | .025 | A 100J | 40.000 | G | 5UA | 6 | 50 | |
| - | 2N1123 | PG 171 | 31 | PHL | 45 | 40S | 45.0 | .500 | .750 | C 100J | 3.000 | B | 25UA | 45 | 70 | |
| | 2N1124 | PG 210 | 5 | ETC | 40 | 35R | 40.0 | .250 | .300 | A 85J | .400 | B | 10UA | 5 | 80 | |
| - | 2N1124+ | PG 105 | 25 | PHL | 40 | | | .150 | .300 | A 85J | .400 | B | 75UA | 40 | 80 | |
| | 2N1125 | PG 210 | 5 | ETC | 40 | 40R | 40.0 | .150 | .300 | A 85J | .750 | B | 75UA | 40 | 100 | |
| - | 2N1125+ | PG 105 | 25 | PHL | 40 | | | .150 | .300 | A 85J | 1.000 | B | 75UA | 40 | 100 | |
| - | 2N1126 | PG 172 A | | PHL | 40 | | | .150 | 1.000 | A 85J | .400 | B | 75UA | 40 | 80 | |
| - | 2N1127 | PG 172 A | | PHL | 40 | | | .150 | 1.000 | A 85J | 1.000 | B | 75UA | 40 | 100 | |
| | 2N1128 | PG 210 | 5 | ETC | 25 | 18R | 5.0 | .250 | .150 | A 85J | 1.000 | B | 15UA | 25 | 90 | |
| - | 2N1128+ | PG 105 | 25 | PHL | 25 | | | .150 | .150 | A 85J | 1.000 | B | 20UA | 10 | 100 | |
| | 2N1129 | PG 210 | 5 | ETC | 25 | 25R | 5.0 | .250 | .150 | A 85J | .500 | B | 15UA | 25 | 150 | |
| - | 2N1129+ | PG 105 | 25 | PHL | 25 | | | .150 | .150 | A 85J | .750 | B | 25UA | 25 | 160 | |
| | 2N1130 | PG 210 | 5 | ETC | 30 | 40R | 5.0 | .250 | .150 | A 85J | .700 | B | 15UA | 30 | 100 | |
| - | 2N1130+ | PG 105 | 25 | PHL | 25 | | | .150 | .150 | A 85J | .750 | B | 25UA | 30 | 110 | |
| | 2N1131 | PS 211 | 5 | TII,MOT,SES,RAY,GIC,TEC | 50 | 35 | 5.0 | .600 | .600 | A 175J | 50.000 | G | 1UA | 30 | 30 | .150 |
| - | 2N1131/51 | PS 909 | 51 | SYL | 50 | 35 | 5.0 | .600 | .600 | A 175J | 50.000 | G | 1UA | 30 | 30 | |
| | 2N1131A | PS 211 | 5 | HUG,TEC | 60 | 40 | 5.0 | .600 | .600 | A 175J | 50.000 | G | 500NA | 45 | 30 | .150 |
| - | 2N1131A/51 | PS 909 | 51 | SYL | 60 | 40 | 5.0 | .600 | .600 | A 175J | 50.000 | G | 500NA | 45 | 30 | |
| | 2N1132 | PS 211 | 5 | HUG,RAY,SES,ETC,TII,MOT | 50 | 35 | 5.0 | .600 | .600 | A 175J | 60.000 | G | 100NA | 50 | 48 | .150 |
| - | 2N1132/51 | PS 909 | 51 | SYL | 50 | 35 | 5.0 | .600 | .600 | A 175J | 60.000 | G | 1UA | 30 | 60 | |
| | 2N1132A | PS 211 | 5 | HUG,MOT,ITT,TEC | 60 | 40 | 5.0 | .600 | .600 | A 175J | 60.000 | G | 500NA | 45 | 60 | .150 |
| - | 2N1132A/51 | PS 909 | 51 | SYL | 60 | 40 | 5.0 | .600 | .600 | A 175J | 60.000 | G | 500NA | 45 | 60 | |
| | 2N1132B | PS 211 | 5 | HUG,TEC | 70 | 45 | 6.0 | .600 | .600 | A 175J | 60.000 | G | 10NA | 50 | 60 | |
| - | 2N1132B/51 | PS 909 | 51 | SYL | 70 | 45 | 6.0 | .600 | .600 | A 175J | 60.000 | G | 10NA | 50 | 60 | |
| | 2N1136 | PG 605 | 3 | SOL,ETC,HUG,KSC | 60 | 30 | 15.0 | 6.000 | 94.000 | C 100J | .004 | E | 1MA | 25 | 75 | 3.000 |
| | 2N1136A | PG 605 | 3 | SOL,ETC,HUG,KSC | 90 | 55 | 15.0 | 6.000 | 94.000 | C 100J | .004 | E | 1MA | 65 | 75 | 3.000 |
| | 2N1136B | PG 605 | 3 | SOL,ETC,HUG,KSC | 100 | 65 | 15.0 | 6.000 | 94.000 | C 100J | .004 | E | 1MA | 65 | 75 | 3.000 |
| | 2N1137 | PG 605 | 3 | SOL,ETC,HUG,KSC | 60 | 30 | 15.0 | 6.000 | 94.000 | C 100J | .004 | E | 1MA | 25 | 112 | 3.000 |
| | 2N1137A | PG 605 | 3 | SOL,ETC,HUG,KSC | 90 | 55 | 15.0 | 6.000 | 94.000 | C 100J | .004 | E | 1MA | 60 | 112 | 3.000 |
| | 2N1137B | PG 605 | 3 | SOL,ETC,HUG,KSC | 100 | 65 | 15.0 | 6.000 | 94.000 | C 100J | .004 | E | 1MA | 60 | 112 | 3.000 |
| | 2N1138 | PG 605 | 3 | SOL,ETC,HUG,KSC | 60 | 30 | 15.0 | 5.000 | 90.000 | C 100J | .004 | E | 200UA | 2 | 150 | 3.000 |
| | 2N1138A | PG 605 | 3 | SOL,ETC,HUG,KSC | 90 | 55 | 15.0 | 5.000 | 90.000 | C 100J | .004 | E | 200UA | 2 | 150 | 3.000 |
| | 2N1138B | PG 605 | 3 | SOL,ETC,HUG,KSC | 100 | 65 | 15.0 | 5.000 | 90.000 | C 100J | .004 | E | 200UA | 2 | 150 | 3.000 |
| | 2N1139 | NS 211 | 5 | TEC,ETC | 15 | 15 | 3.0 | | .500 | A 175J | 100.000 | G | 5UA | 15 | 40 | .010 |
| | 2N1140 | NS 210 | 5 | ETC | 40 | 40 | 5.0 | | .500 | A 200J | 35.000 | G | 15UA | 40 | 30 | .050 |
| | 2N1141 | PG 211 | 5 | TII,MOT,TIL | 35 | | 1.0 | .100 | .300 | A 100J | 750.000 | B | 5UA | 15 | 40 | |
| | 2N1142 | PG 211 | 5 | TII,MOT,TIL | 30 | | .7 | .100 | .300 | A 100J | 600.000 | B | 5UA | 15 | 40 | |
| | 2N1143 | PG 211 | 5 | TII,MOT,TIL | 25 | | .5 | .100 | .300 | A 100J | 480.000 | B | 5UA | 15 | 40 | |
| | 2N1144 | PG 210 | 5 | ETC | 16 | 16R | | .100 | .140 | A 60J | 1.000 | B | 16UA | 16 | 60 | |
| | 2N1144+ | PG 57 B | | SSP | 16 | 16R | 5.0 | .100 | .140 | A 60J | 1.000 | B | 16UA | 16 | 66 | |
| | 2N1145 | PG 210 | 5 | ETC | 16 | 16R | | .100 | .140 | A 60J | 1.000 | B | 16UA | 16 | 60 | |
| - | 2N1145+ | PG 57 B | | GEC | 16 | 16R | 5.0 | .100 | .140 | A 60J | 1.000 | B | 16UA | 16 | 56 | |
| | 2N1146 | PG 605 | 3 | ETC,SOL,HUG,KSC | 40 | 20 | 30.0 | 15.000 | 94.000 | C 100J | .002 | E | 20MA | 40 | 100 | 5.000 |
| | 2N1146A | PG 605 | 3 | ETC,SOL,HUG,KSC | 60 | 30 | 30.0 | 15.000 | 94.000 | C 100J | .002 | E | 20MA | 60 | 100 | 5.000 |
| | 2N1146B | PG 605 | 3 | ETC,SOL,HUG,KSC | 80 | 40 | 30.0 | 15.000 | 94.000 | C 100J | .002 | E | 20MA | 80 | 100 | 5.000 |
| | 2N1146C | PG 605 | 3 | ETC,SOL,HUG,KSC | 100 | 50 | 30.0 | 15.000 | 94.000 | C 100J | .002 | E | 20MA | 100 | 100 | 5.000 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff $I_{CBO}$ @ $V_{CB}$ | | Gain $h_{FE}$ @ $I_C$(A) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) Cond. | | | | | | |
| | 2N1147 | PG 607 | 41 | ETC,SOL,HUG,KSC | 40 | 20 | 30.0 | 15.000 | 94.000 | C | 100J | .002 | E | 40MA | 40 | 100 | 5.000 |
| | 2N1147A | PG 607 | 41 | ETC,SOL,HUG,KSC | 60 | 30 | 30.0 | 15.000 | 94.000 | C | 100J | .002 | E | 40MA | 60 | 100 | 5.000 |
| | 2N1147B | PG 607 | 41 | ETC,SOL,HUG,KSC | 80 | 40 | 30.0 | 15.000 | 94.000 | C | 100J | .002 | E | 40MA | 80 | 100 | 5.000 |
| | 2N1147C | PG 607 | 41 | ETC,SOL,HUG,KSC | 100 | 50 | 30.0 | 15.000 | 94.000 | C | 100J | .002 | E | 40MA | 100 | 100 | 5.000 |
| | 2N1149 | NS 10 | 22 | TEC,TII,ETC,HUG | 45 | | 1.0 | .025 | .150 | A | 175J | 12.000 | B | 2UA | 30 | 16 | |
| | 2N1150 | NS 10 | 22 | TEC,TII,ETC,HUG | 45 | | 1.0 | .025 | .150 | A | 175J | 13.000 | B | 2UA | 30 | 30 | |
| | 2N1151 | NS 10 | 22 | TEC,TII,ETC,HUG | 45 | | 1.0 | .025 | .150 | A | 175J | 14.000 | B | 2UA | 30 | 50 | |
| | 2N1152 | NS 10 | 22 | TEC,TII,ETC,HUG | 45 | | 1.0 | .025 | .150 | A | 175J | 15.000 | B | 2UA | 30 | 60 | |
| | 2N1153 | NS 10 | 22 | TEC,TII,ETC,HUG | 45 | | 1.0 | .025 | .150 | A | 175J | 16.000 | B | 2UA | 30 | 180 | |
| | 2N1154 | NS 10 | 22 | ETC,TII,TEC,HUG | 50 | | 1.0 | .060 | .750 | A | 150J | 1.000 | B | 5UA | 50 | 20 | |
| | 2N1155 | NS 10 | 22 | ETC,TII,TEC,HUG | 80 | | 1.0 | .050 | .750 | A | 150J | 1.000 | B | 6UA | 80 | 20 | |
| | 2N1156 | NS 10 | 22 | ETC,TII,TEC,HUG | 120 | | 1.0 | .040 | .750 | A | 150J | 1.000 | B | 8UA | 100 | 20 | |
| | 2N1157 | PG 480 A | | SOL,HUG | 60 | 45 | 28.0 | 40.000 | 187.000 | C | 100J | .200 | G | 7MA | 60 | 60 | 10.000 |
| | 2N1157A | PG 480 A | | SOL,HUG | 80 | 50 | 28.0 | 40.000 | 187.000 | C | 100J | .200 | G | 20MA | 80 | 60 | 10.000 |
| | 2N1158 | PG 170 | 9 | ETC | 20 | 20S | .5 | .100 | .600 | A | 100J | 28.500 | G | 5UA | 10 | 9 | |
| | 2N1158A | PG 170 | 9 | ETC | 20 | 20S | .5 | .100 | .750 | A | 100J | 45.000 | G | 5UA | 10 | 14 | |
| | 2N1159 | PG 605 | 3 | DEL,ETC,HUG | 80 | 60 | 20.0 | 5.000 | 90.000 | C | 100J | .010 | E | 8MA | 80 | 52 | 3.000 |
| | 2N1160 | PG 605 | 3 | DEL,ETC,HUG | 80 | 60 | 20.0 | 7.000 | 90.000 | C | 100J | .010 | E | 8MA | 80 | 36 | 5.000 |
| | 2N1162 | PG 605 | 3 | MOT,SOL,HUG,KSC | 50 | 35S | 25.0 | 25.000 | 90.000 | C | 100J | .004 | E | 225UA | 2 | 40 | 9.999 |
| | 2N1162A | PG 605 | 3 | MOT,ETC,SOL,HUG,KSC | 50 | 35S | 25.0 | 25.000 | 90.000 | C | 100J | .004 | E | 15MA | 50 | 50 | 25.000 |
| | 2N1163 | PG 607 | 41 | MOT,ETC,SOL,HUG,KSC | 50 | 35S | 25.0 | 25.000 | 90.000 | C | 100J | .004 | E | 225UA | 2 | 40 | 9.999 |
| | 2N1163A | PG 607 | 41 | MOT,ETC,SOL,HUG,KSC | 50 | 35S | 25.0 | 25.000 | 90.000 | C | 100J | .004 | E | 15MA | 50 | 50 | 25.000 |
| | 2N1164 | PG 605 | 3 | MOT,ETC,SOL,HUG,KSC | 80 | 60S | 40.0 | 25.000 | 90.000 | C | 100J | .004 | E | 225UA | 2 | 40 | 9.999 |
| | 2N1164A | PG 605 | 3 | MOT,ETC,SOL,HUG,KSC | 80 | 60S | 40.0 | 25.000 | 90.000 | C | 100J | .004 | E | 15MA | 80 | 50 | 25.000 |
| | 2N1165 | PG 607 | 41 | MOT,ETC,SOL,HUG,KSC | 80 | 60S | 40.0 | 25.000 | 90.000 | C | 100J | .004 | E | 225UA | 2 | 40 | |
| | 2N1165A | PG 607 | 41 | MOT,ETC,SOL,HUG,KSC | 50 | 35S | 40.0 | 25.000 | 90.000 | C | 100J | .004 | E | 15MA | 50 | 50 | 25.000 |
| | 2N1166 | PG 605 | 3 | MOT,ETC,SOL,HUG,KSC | 100 | 75S | 50.0 | 25.000 | 90.000 | C | 100J | .004 | E | 225UA | 2 | 40 | 9.999 |
| | 2N1166A | PG 605 | 3 | MOT,ETC,SOL,HUG,KSC | 100 | 75S | 50.0 | 25.000 | 90.000 | C | 100J | .004 | E | 15MA | 100 | 50 | 25.000 |
| | 2N1167 | PG 607 | 41 | MOT,ETC,SOL,HUG,KSC | 100 | 75S | 50.0 | 25.000 | 100.000 | C | 100J | .004 | E | 225UA | 2 | 64 | 5.000 |
| | 2N1167A | PG 607 | 41 | MOT,ETC,SOL,HUG,KSC | 100 | 75S | 50.0 | 25.000 | 90.000 | C | 100J | .004 | E | 15MA | 100 | 50 | 5.000 |
| | 2N1168 | PG 605 | 3 | SOL,ETC,DEL,HUG,KSC | 50 | 30R | 20.0 | 5.000 | 90.000 | C | 100J | .004 | E | 8MA | 50 | 90 | 3.000 |
| - | 2N1169 | NG 229 | 5 | RCA | 25 | 18 | 25.0 | .400 | .120 | A | 85J | 4.500 | B | 10UA | 12 | 40 | |
| | 2N1171 | PG 210 | 5 | ETC | 30 | 12 | 20.0 | .400 | .150 | A | 85J | 10.000 | B | 5UA | 12 | 60 | .001 |
| - | 2N1172 | PG 631 | 37 | DEL | 40 | 16 | 20.0 | 1.500 | 7.500 | C | 100J | .017 | E | 2MA | 40 | 60 | |
| | 2N1175 | PG 212 | 5 | GEC,MOT | 35 | 25R | 10.0 | .200 | .200 | A | 85J | 1.500 | B | 12MA | 30 | 90 | |
| | 2N1175A | PG 212 | 5 | GEC | 35 | 25R | 10.0 | .200 | .200 | A | 85J | 1.500 | B | 12UA | 30 | 90 | .020 |
| | 2N1176 | PG 210 | 5 | ETC | 15 | 15R | 10.0 | .300 | .200 | A | 100J | .015 | E | 25UA | 10 | 30 | |
| | 2N1176A | PG 210 | 5 | ETC | 40 | 40R | 10.0 | .300 | .200 | A | 100J | .015 | E | 30UA | 25 | 30 | |
| | 2N1176B | PG 210 | 5 | ETC | 60 | 60R | 10.0 | .300 | .200 | A | 100J | .015 | E | 35UA | 45 | 30 | |
| - | 2N1177 | PG 75 | 45 | RCA | 30 | | 1.0 | .010 | .080 | A | 71A | 140.004 | B | 12UA | 12 | 100 | |
| - | 2N1178 | PG 75 | 45 | RCA | 30 | | 1.0 | .010 | .080 | A | 71A | 140.004 | B | 12UA | 12 | 40 | |
| - | 2N1179 | PG 75 | 45 | RCA | 30 | | 1.0 | .010 | .080 | A | 71A | 140.000 | B | 12UA | 12 | 80 | |
| - | 2N1180 | PG 75 | 45 | RCA | 30 | | | .010 | .080 | A | 70J | 100.000 | G | 12UA | | 160 | .001 |
| | 2N1183 | PG 171 | 8 | RCA,KSC | 45 | 20 | 20.0 | 3.000 | 1.000 | A | 100J | .504 | B | 250UA | 45 | 32 | |
| | 2N1183A | PG 171 | 8 | RCA,KSC | 60 | 30 | 20.0 | 3.000 | 1.000 | A | 100J | .504 | B | 250UA | 60 | 32 | |
| | 2N1183B | PG 171 | 8 | RCA,KSC | 80 | 40 | 20.0 | 3.000 | 1.000 | A | 100J | .504 | B | 250UA | 80 | 32 | |
| | 2N1184 | PG 171 | 8 | RCA,KSC | 45 | 20 | 20.0 | 3.000 | 1.000 | A | 100J | .504 | B | 250UA | 45 | 80 | |
| | 2N1184A | PG 171 | 8 | RCA,KSC | 60 | 20 | 20.0 | 3.000 | 1.000 | A | 100J | .504 | B | 250UA | 60 | 80 | |
| | 2N1184B | PG 171 | 8 | RCA,KSC | 80 | 40 | 20.0 | 3.000 | 1.000 | A | 100J | .504 | B | 250UA | 80 | 80 | |
| | 2N1185 | PG 210 | 5 | ETC,MOT | 45 | 30R | 30.0 | .500 | .200 | A | 100J | 1.750 | B | 10UA | 30 | 170 | .010 |
| | 2N1186 | PG 210 | 5 | ETC,MOT | 60 | 45R | 30.0 | .500 | .200 | A | 100J | .750 | B | 10UA | 45 | 44 | .010 |
| | 2N1187 | PG 210 | 5 | ETC,MOT | 60 | 45R | 30.0 | .500 | .200 | A | 100J | 1.000 | B | 10UA | 45 | 75 | .010 |
| | 2N1188 | PG 210 | 5 | MOT,ETC | 60 | 45R | 30.0 | .500 | .200 | A | 100J | 1.250 | B | 10UA | 45 | 115 | .010 |
| | 2N1189 | PG 210 | 5 | MOT | 45 | 30R | 15.0 | .500 | .200 | A | 100J | 1.750 | B | 50UA | 45 | 90 | .010 |
| | 2N1190 | PG 210 | 5 | MOT | 45 | 30R | 15.0 | .500 | .200 | A | 100J | 2.250 | B | 50UA | 45 | 136 | .010 |
| | 2N1191 | PG 210 | 5 | ETC,MOT | 40 | 25R | 25.0 | .200 | .200 | A | 85J | 1.500 | B | 15UA | 25 | 40 | .010 |
| | 2N1192 | PG 210 | 5 | ETC,MOT | 40 | 25R | 25.0 | .200 | .200 | A | 85J | 2.000 | B | 15UA | 25 | 74 | .010 |
| | 2N1193 | PG 210 | 5 | ETC,MOT | 40 | 25R | 25.0 | .200 | .200 | A | 85J | 2.500 | B | 15UA | 25 | 145 | .010 |
| | 2N1194 | PG 210 | 5 | ETC,MOT | 40 | 25R | 25.0 | .200 | .200 | A | 85J | 3.000 | B | 15UA | 25 | 275 | .010 |
| | 2N1195 | PG 211 | 5 | MOT,TII | 30 | | 1.0 | .040 | .225 | A | 100J | 1000.000 | B | 5UA | 20 | 25 | .010 |
| | 2N1198 | NG 210 | 5 | ETC | 25 | 25 | .5 | .075 | .075 | A | 85J | 5.000 | B | 2UA | 15 | 60 | |
| | 2N1199 | NS 211 | 5 | ETC | 20 | 15 | 3.0 | .100 | .300 | A | 150J | 75.000 | G | 700NA | 10 | 27 | .020 |
| | 2N1202 | PG 427 A | | SOL,HUG,KSC | 80 | 60 | 28.0 | 3.500 | 34.000 | C | 100J | .200 | G | 2MA | 80 | 70 | .500 |
| | 2N1203 | PG 427 A | | SOL,HUG,KSC | 120 | 70 | 28.0 | 3.500 | 34.000 | C | 100J | .200 | G | 2MA | 120 | 44 | 2.000 |
| | 2N1204 | PG 210 | 5 | MOT | 20 | 15 | 4.0 | .500 | .300 | A | 100J | 110.000 | G | 7UA | 5 | 35 | .400 |
| | 2N1204A | PG 210 | 5 | MOT | 20 | 15 | 4.0 | .500 | .300 | A | 100J | 110.000 | G | 7UA | 5 | 50 | .200 |
| | 2N1206 | NS 210 | 5 | ETC,TEC,HUG | 60 | 60 | 3.0 | | 1.000 | A | 200J | | | 1UA | 30 | 30 | .050 |
| | 2N1207 | NS 210 | 5 | ETC,TEC,HUG,CRY | 125 | 125 | 3.0 | | 1.000 | A | 200J | | | 1UA | 30 | 30 | .050 |
| | 2N1208 | NS 561 | 61 | TEC,SES,ETC,HUG,STC,CRY | 60 | 60 | 10.0 | 5.000 | 85.000 | C | 200J | 12.000 | B | 10MA | 60 | 30 | 2.000 |
| | 2N1209 | NS 561 | 61 | TEC,SES,ETC,HUG,STC,SEN | 45 | 45 | 5.0 | 5.000 | 85.000 | C | 200J | 12.000 | B | 20MA | 45 | 40 | 2.000 |
| | 2N1210 | NS 731 | 53 | TEC,ETC,HUG,STC | 60 | 60 | 8.0 | 5.000 | 30.000 | C | 200J | 15.000 | B | 1MA | 60 | 35 | 2.000 |
| | 2N1211 | NS 731 | 53 | TEC,ETC,HUG,STC | 80 | 80 | 8.0 | 5.000 | 30.000 | C | 200J | 15.000 | B | 1MA | 80 | 35 | 1.000 |
| | 2N1212 | NS 561 | 61 | TEC,ETC,HUG,STC,SEN | 60 | 60 | 10.0 | 5.000 | 85.000 | C | 200J | 10.000 | B | 10MA | 60 | 22 | 1.000 |
| | 2N1217 | NG 210 | 5 | ETC | 20 | 20 | .5 | .025 | .075 | A | 85J | 6.000 | B | 2UA | 15 | 68 | |
| - | 2N1217+ | NG 12 A | | GEC | 20 | 20 | 5.0 | .025 | .075 | A | 85J | 6.000 | B | 1UA | 15 | 60 | |
| - | 2N1218 | NG 605 | 3 | SYL | 45 | 45 | | 2.000 | 6.000 | C | 85J | .007 | E | 3MA | 45 | 100 | |
| | 2N1219 | PS 210 | 5 | SSD,NSC,SOL,HUG,CRY | 30 | 25 | 20.0 | .100 | .250 | A | 175J | 5.000 | B | 100NA | 10 | 27 | .005 |
| | 2N1220 | PS 210 | 5 | SSD,NSC,SOL,HUG,CRY | 30 | 25 | 20.0 | .100 | .250 | A | 175J | 2.000 | B | 100NA | 10 | 14 | .005 |
| | 2N1221 | PS 210 | 5 | SSD,NSC,SOL,HUG,CRY | 30 | 25 | 10.0 | .100 | .250 | A | 175J | 5.000 | B | 100NA | 10 | 27 | .001 |
| | 2N1222 | PS 210 | 5 | SSD,NSC,SOL,HUG,CRY | 30 | 25 | 10.0 | .100 | .250 | A | 175J | 2.000 | B | 100NA | 10 | 14 | .001 |
| | 2N1223 | PS 210 | 5 | SSD,SOL,HUG,CRY | 40 | 40 | 10.0 | .100 | .250 | A | 175J | 2.000 | B | 100NA | 10 | 10 | .001 |
| | 2N1224 | PG 217 | 33 | AMP,RCA | 40 | | .5 | .010 | .120 | A | 100J | 30.000 | B | 12UA | 12 | 60 | |
| | 2N1225 | PG 217 | 33 | AMP,CSF,RCA | 40 | | .5 | .010 | .120 | A | 100J | 100.000 | B | 12UA | 12 | 60 | |
| | 2N1226 | PG 217 | 33 | AMP,RCA | 60 | | .5 | .010 | .120 | A | 100J | 30.000 | B | 12UA | 12 | 60 | |
| | 2N1227 | PG 605 | 3 | SOL,HUG,KSC | 40 | | 10.0 | 3.000 | 50.000 | C | 100J | .006 | E | | | 100 | .500 |
| | 2N1228 | PS 210 | 5 | HUG,SSD,NSC,SOL,CRY | 15 | 15 | 15.0 | .100 | .400 | A | 160J | 3.000 | B | 100NA | 12 | 22 | .001 |
| | 2N1229 | PS 210 | 5 | HUG,SSD,SOL,CRY | 15 | 15 | 15.0 | .100 | .400 | A | 160J | 4.000 | B | 100NA | 12 | 44 | .001 |
| | 2N1230 | PS 210 | 5 | HUG,SSD,SOL,CRY | 35 | 35 | 35.0 | .100 | .400 | A | 160J | 3.000 | B | 100NA | 30 | 22 | .001 |
| | 2N1231 | PS 210 | 5 | HUG,SSD,NSC,SOL,CRY | 35 | 35 | 35.0 | .100 | .400 | A | 160J | 4.000 | B | 100NA | 30 | 44 | .001 |
| | 2N1232 | PS 210 | 5 | HUG,SSD,NSC,SOL,CRY | 60 | 60 | 60.0 | .100 | .400 | A | 160J | 2.000 | B | 100NA | 50 | 22 | .001 |
| | 2N1233 | PS 210 | 5 | HUG,SSD,NSC,SOL,CRY | 60 | 60 | 60.0 | .100 | .400 | A | 160J | 2.000 | B | 100NA | 50 | 44 | .001 |
| | 2N1234 | PS 210 | 5 | HUG,SSD,SOL,CRY | 110 | 110 | 99.0 | .100 | .400 | A | 160J | 1.000 | B | 100NA | 90 | 22 | .001 |
| | 2N1235 | NS 731 | 53 | HUG | 120 | 120R | 10.0 | 2.000 | 85.000 | C | 200J | .050 | E | 10MA | 120 | 27 | 1.000 |
| | 2N1238 | PS 903 A | | HUG,SOL | 15 | 15 | 15.0 | | 1.000 | A | 160J | .800 | B | 100NA | 12 | 22 | .001 |
| | 2N1239 | PS 903 A | | HUG,SOL | 15 | 15 | 15.0 | | 1.000 | A | 160J | .800 | B | 100NA | 12 | 48 | .001 |
| | 2N1240 | PS 903 A | | HUG,SOL | 35 | 35 | 35.0 | | 1.000 | A | 160C | .800 | B | 100NA | 28 | 22 | .001 |
| | 2N1241 | PS 903 A | | HUG,SOL | 35 | 35 | 35.0 | | 1.000 | A | 160C | .800 | B | 100NA | 28 | 48 | .001 |
| | 2N1242 | PS 903 A | | HUG,SOL | 60 | 60 | 60.0 | | 1.000 | A | 160C | .800 | B | 100NA | 48 | 22 | .001 |
| | 2N1243 | PS 903 A | | HUG,SOL | 60 | 60 | 60.0 | | 1.000 | A | 160C | .800 | B | 100NA | 48 | 48 | .001 |
| | 2N1244 | PS 903 A | | HUG,SOL | 110 | 110 | 99.0 | | 1.000 | A | 160J | .800 | B | 100NA | 88 | 22 | .001 |
| | 2N1247 | NS 210 | 5 | TEC,HUG | 6 | 6 | 2.0 | .005 | .030 | A | 150J | 5.000 | G | 5NA | 10 | 30 | |
| | 2N1248 | NS 210 | 5 | TEC,HUG | 6 | 6 | 1.0 | .005 | .030 | A | 150J | AUD | | 10NA | 6 | 14 | |
| | 2N1249 | NS 210 | 5 | TEC,HUG | 6 | 6 | 1.0 | .005 | .030 | A | 150A | | | 10NA | 3 | 30 | .010 |
| | 2N1250 | NS 730 | 53 | TEC,HUG,STC | 60 | 60 | | 5.000 | 85.000 | C | 200J | .020 | E | 10MA | 60 | 30 | 2.000 |
| | 2N1251 | NG 210 | 5 | ETC | 20 | 15R | 10.0 | .100 | .150 | A | 85J | .600 | B | 50UA | 20 | 225 | |
| - | 2N1251+ | NG 10 | 22 | SYL | 20 | 15R | | .100 | .150 | A | 85J | .350 | G | 50UA | 20 | 150 | |
| | 2N1252 | NS 211 | 5 | SOL,RAY,TEC,HUG,FSC | 30 | 20 | 5.0 | | .600 | A | 175J | 40.000 | G | 100UA | 30 | 30 | .150 |
| | 2N1253 | NS 211 | 5 | SOL,RAY,TEC,HUG,FSC | 30 | 20 | 5.0 | | .600 | A | 175J | 50.000 | G | 100UA | 30 | 60 | .150 |
| | 2N1254 | PS 210 | 5 | HUG,TEC | 30 | 30 | 5.0 | | .275 | A | 175A | 30.000 | G | 200NA | 24 | 25 | |
| | 2N1255 | PS 210 | 5 | HUG,TEC | 30 | 30 | 5.0 | | .275 | A | 175A | 50.000 | G | 200NA | 24 | 25 | |
| | 2N1256 | PS 210 | 5 | HUG,TEC | 40 | 40 | 5.0 | | .275 | A | 175A | 30.000 | G | 200NA | 32 | 25 | |
| | 2N1257 | PS 210 | 5 | HUG,TEC | 40 | 40 | 5.0 | | .275 | A | 175A | 50.000 | G | 200NA | 32 | 40 | |
| | 2N1258 | PS 210 | 5 | HUG,TEC | 30 | 30 | 5.0 | | .275 | A | 175A | 50.000 | G | 200NA | 24 | 75 | |
| | 2N1259 | PS 210 | 5 | HUG,TEC | 50 | 50 | 5.0 | | .275 | A | 175A | 40.000 | G | 200NA | 40 | 25 | |
| | 2N1260 | NS 731 | 53 | HUG | 120 | 120R | 10.0 | 2.000 | 85.000 | C | 200J | .050 | E | 10MA | 120 | 27 | 1.000 |
| | 2N1261 | PG 427 A | | SOL,HUG,KSC | 80 | 45 | 28.0 | 3.500 | 32.000 | C | 95J | .200 | G | 2MA | 80 | 36 | 2.000 |
| | 2N1262 | PG 427 A | | SOL,HUG,KSC | 80 | 45 | 28.0 | 3.500 | 32.000 | C | 95J | .200 | G | 2MA | 80 | 50 | 2.000 |
| | 2N1263 | PG 427 A | | SOL,HUG,KSC | 80 | 45 | 28.0 | 3.500 | 32.000 | C | 95J | .200 | G | 2MA | 80 | 76 | 2.000 |
| - | 2N1264 | PG 75 A | | SYL | 20 | | .1 | .010 | .050 | A | 75J | 10.000 | G | 50UA | 20 | 30 | |
| - | 2N1265 | PG 10 | 22 | SYL | 10 | 10 | | .100 | .050 | A | 85J | .600 | B | 100UA | 10 | 60 | |
| | 2N1265/5 | PG 210 | 5 | ETC | 20 | 10 | 10.0 | .100 | .100 | A | 85J | 1.000 | B | 10UA | 10 | 80 | |
| | 2N1266 | PG 210 | 5 | ETC | | 10R | | | .080 | A | 85J | 3.000 | B | 100UA | 10 | 15 | |
| - | 2N1266+ | PG 10 | 22 | SYL | 10 | 10 | | | .080 | A | 85J | 5.000 | G | 100UA | 10 | 48 | |
| | 2N1267 | NS 211 | 5 | ETC | 20 | 15 | 2.0 | .100 | .300 | A | 150J | 45.000 | G | 700NA | 10 | 10 | |
| | 2N1268 | NS 211 | 5 | ETC | 20 | 15 | 2.0 | .100 | .300 | A | 150J | 45.000 | G | 700NA | 10 | 20 | .002 |
| | 2N1269 | NS 211 | 5 | ETC | 20 | 15 | 2.0 | .100 | .300 | A | 150J | 45.000 | G | 700NA | 10 | 50 | .002 |
| | 2N1270 | NS 211 | 5 | ETC | 20 | 15 | 2.0 | .100 | .300 | A | 150J | 125.000 | G | 700NA | 10 | 10 | .002 |
| | 2N1271 | NS 211 | 5 | ETC | 20 | 15 | 2.0 | .100 | .300 | A | 150J | 125.000 | G | 700NA | 10 | 20 | .002 |
| | 2N1272 | NS 211 | 5 | ETC | 20 | 15 | 2.0 | .100 | .300 | A | 150J | 125.000 | G | 700NA | 10 | 50 | .002 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Condition | Cutoff $I_{CBO}$ @ $V_{CB}$ | | Gain $h_{FE}$ @ $I_C$(A) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. / Temp. (°C) Cond. | | | | | | |
| | 2N1273 | PG 210 | 5 | ETC,TII | 15 | 15 | 10.0 | .150 | .150 | A 85J | 1.000 | B | 14UA | 12 | 100 | .050 |
| | 2N1274 | PG 210 | 5 | ETC,TII | 25 | 25 | 10.0 | .150 | .150 | A 85J | 1.000 | B | 14UA | 12 | 100 | .050 |
| | 2N1275 | NS 210 | 5 | HUG,NSC,SOL,CRY | 100 | 80 | 60.0 | .050 | .250 | A 160J | .100 | B | 1UA | 60 | 15 | |
| | 2N1276 | NS 210 | 5 | ETC,TII,TEC,HUG | 40 | 30 | 1.0 | .025 | .150 | A 150J | 15.000 | B | 1UA | 30 | 14 | |
| | 2N1277 | NS 210 | 5 | ETC,TII,TEC,HUG | 40 | 30 | 1.0 | .025 | .150 | A 150J | 15.000 | B | 1UA | 30 | 29 | |
| | 2N1278 | NS 210 | 5 | ETC,TII,TEC,HUG | 40 | 30 | 1.0 | .025 | .150 | A 150J | 15.000 | B | 1UA | 30 | 60 | |
| | 2N1279 | NS 210 | 5 | ETC,TII,TEC,HUG | 40 | 30 | 1.0 | .025 | .150 | A 150J | 15.000 | B | 1UA | 30 | 150 | |
| | 2N1280 | PG 210 | 5 | ETC | 16 | 16 | 10.0 | .400 | .200 | A 85J | 50.000 | B | 10UA | 10 | 80 | |
| | 2N1281 | PG 210 | 5 | ETC | 16 | 12 | 10.0 | .400 | .200 | A 85J | 7.000 | B | 10UA | 10 | 120 | |
| | 2N1282 | PG 210 | 5 | ETC | 20 | 6 | 10.0 | .400 | .200 | A 85J | 10.000 | B | 10UA | 10 | 140 | |
| | 2N1284 | PG 210 | 5 | ETC | 30 | 20R | 10.0 | .400 | .150 | A 85J | 5.000 | B | 6UA | 20 | 60 | |
| - | 2N1285 | PG 217 | 33 | SYL | 40 | | 2.5 | .010 | .240 | A 100J | 100.000 | B | 12UA | 12 | 60 | |
| - | 2N1289 | NG 217 | 33 | GEC | 25 | 15R | 15.0 | .100 | .075 | A 85J | 40.000 | B | 5UA | 15 | 120 | |
| | 2N1291 | PG 605 | 3 | ETC,KSC | 35 | 30 | 15.0 | 3.000 | 20.000 | C 85J | | | 2MA | 35 | 45 | .500 |
| | 2N1292 | NG 605 | 3 | KSC | 35 | 30S | 15.0 | 3.000 | 25.000 | C 100J | AUD | | 1MA | 35 | 60 | .500 |
| | 2N1293 | PG 605 | 3 | ETC,KSC | 60 | 45S | 15.0 | 3.000 | 20.000 | C 95J | | | 2MA | 60 | 52 | .500 |
| | 2N1294 | NG 605 | 3 | KSC | 60 | 45S | 15.0 | 3.000 | 25.000 | C 100J | AUD | | 2MA | 60 | 60 | .500 |
| | 2N1295 | PG 605 | 3 | ETC,KSC | 80 | 80S | 15.0 | 3.000 | 20.000 | C 95J | | | 2MA | 80 | 60 | .500 |
| | 2N1296 | NG 605 | 3 | KSC | 80 | 60S | 15.0 | 3.000 | 25.000 | C 100J | AUD | | 3MA | 80 | 60 | .500 |
| | 2N1297 | PG 605 | 3 | ETC,KSC | 100 | 80S | 15.0 | 3.000 | 20.000 | C 95J | | | 4MA | 100 | 52 | .500 |
| | 2N1298 | NG 605 | 3 | KSC | 100 | 75 | | 3.000 | 25.000 | C 100J | AUD | | | | 60 | .500 |
| | 2N1299 | NG 212 | 5 | ETC | 40 | 20R | 15.0 | .200 | .200 | A 100J | 4.000 | B | 100UA | 40 | 70 | |
| - | 2N1300 | PG 210 | 5 | RCA | 13 | 12 | 1.0 | .100 | .150 | A 85J | 25.000 | G | 3UA | 6 | 50 | |
| - | 2N1301 | PG 210 | 5 | RCA | 13 | 12 | 4.0 | .100 | .150 | A 85J | 35.000 | G | 3UA | 6 | 50 | |
| | 2N1302 | NG 212 | 5 | RCA,GIC,TII,ETC,AMP,TIL | 25 | 25 | 25.0 | .300 | .150 | A 85A | 3.000 | B | 6UA | 25 | 50 | .010 |
| | 2N1303 | PG 212 | 5 | GEC,RCA,TII,AMP,TAD,ETC | 25 | 25 | 25.0 | .300 | .150 | A 85A | 3.000 | B | 6UA | 25 | 50 | .010 |
| | 2N1304 | NG 212 | 5 | AMP,RCA,TAD,TII,ETC,HUG | 25 | 25 | 25.0 | .300 | .150 | A 85A | 5.000 | B | 6UA | 25 | 70 | .010 |
| | 2N1305 | PG 212 | 5 | GEC,RCA,TAD,AMP,TII,ETC | 25 | 25 | 25.0 | .300 | .150 | A 85A | 5.000 | B | 6UA | 25 | 70 | .010 |
| | 2N1306 | NG 212 | 5 | AMP,RCA,GIC,TAD,TII,ETC | 25 | 25 | 25.0 | .300 | .150 | A 85A | 10.000 | B | 6UA | 25 | 100 | .010 |
| | 2N1307 | PG 212 | 5 | GEC,RCA,GIC,TAD,TII,ETC | 25 | 25 | 25.0 | .300 | .150 | A 85A | 10.000 | B | 6UA | 25 | 100 | .010 |
| | 2N1308 | NG 212 | 5 | AMP,RCA,TAD,TII,ETC,TIL | 25 | 25 | 25.0 | .300 | .150 | A 85A | 15.000 | B | 6UA | 25 | 150 | .010 |
| | 2N1309 | PG 212 | 5 | RCA,TII,TAD,ETC,AMP,TIL | 25 | 25 | 25.0 | .300 | .150 | A 85A | 15.000 | B | 6UA | 25 | 150 | .010 |
| | 2N1310 | NG 210 | 5 | GIC | 90 | | 20.0 | | .120 | A 85J | 2.400 | B | 7UA | 5 | 42 | .005 |
| | 2N1311 | NG 210 | 5 | GIC | 75 | | 20.0 | | .120 | A 85J | 2.200 | B | 7UA | 5 | 38 | .005 |
| | 2N1312 | NG 210 | 5 | GIC | 50 | | 20.0 | | .120 | A 85J | 2.600 | B | 7UA | 5 | 46 | .005 |
| | 2N1313 | PG 210 | 5 | ETC | 30 | 15 | 20.0 | .400 | .175 | A 85J | 6.000 | B | 5UA | 15 | 50 | .400 |
| | 2N1314 | PG 605 | 3 | PHN,RAD | 32 | 16 | 10.0 | 3.500 | 55.000 | A 90J | .004 | E | 100UA | 14 | 50 | |
| | 2N1316 | PG 210 | 5 | ETC | 30 | 15 | 20.0 | .400 | .200 | A 85J | 10.000 | B | 25UA | 30 | 130 | |
| | 2N1317 | PG 210 | 5 | ETC | 20 | 12 | 15.0 | .400 | .200 | A 85J | 10.000 | B | 6UA | 12 | 120 | |
| | 2N1318 | PG 210 | 5 | ETC | 10 | 6 | 8.0 | .400 | .200 | A 85J | 10.000 | B | 20UA | 15 | 100 | |
| - | 2N1319 | PG 229 | 5 | TII | 20 | 20 | 20.0 | .400 | .120 | A 71A | 3.000 | B | 6UA | 12 | 30 | |
| | 2N1321 | NG 430 | 10 | KSC | 35 | 30S | 15.0 | 3.000 | 25.000 | C 100J | A00500 | | 1MA | 35 | 60 | .500 |
| | 2N1323 | NG 430 | 10 | KSC | 60 | 30S | 15.0 | 3.000 | 25.000 | C 100J | AUD | | 2MA | 60 | 60 | .500 |
| | 2N1325 | NG 430 | 10 | KSC | 80 | 60S | 15.0 | 3.000 | 25.000 | C 100J | AUD | | 3MA | 80 | 60 | .500 |
| | 2N1327 | NG 430 | 10 | KSC | 100 | 75 | | 3.000 | 25.000 | C 100J | .008 | E | | | 60 | .500 |
| | 2N1328 | PG 430 | 13 | KSC | 35 | 30 | | 3.000 | 20.000 | C 100J | .008 | E | | | 60 | .500 |
| | 2N1329 | NG 430 | 13 | KSC | 35 | 25 | | 3.000 | 25.000 | C 100J | .008 | E | | | 60 | .500 |
| | 2N1330 | NG 430 | 13 | KSC | 60 | 40 | | 3.000 | 25.000 | C 100J | .008 | E | | | 60 | .500 |
| | 2N1331 | PG 430 | 13 | KSC | 80 | 60 | | 3.000 | 20.000 | C 100J | .008 | E | | | 60 | .500 |
| | 2N1332 | NG 430 | 13 | KSC | 80 | 55 | | 3.000 | 25.000 | C 100J | .008 | E | | | 60 | .500 |
| | 2N1333 | PG 430 | 13 | KSC | 100 | 80 | | 3.000 | 20.000 | C 100J | .008 | E | | | 60 | .500 |
| | 2N1334 | NG 430 | 13 | KSC | 100 | 75 | | 3.000 | 25.000 | C 100J | .008 | E | | | 60 | .500 |
| | 2N1335 | NS 211 | 5 | HUG | 120 | 45 | 4.0 | .300 | .800 | A 175J | 70.000 | G | 1UA | 90 | 50 | .030 |
| | 2N1336 | NS 211 | 5 | TRW,HUG | 120 | 45 | 4.0 | .300 | .800 | A 175J | 70.000 | G | 1UA | 90 | 50 | .030 |
| | 2N1337 | NS 211 | 5 | TRW,HUG | 120 | 45 | 4.0 | .300 | .800 | A 175J | 70.000 | G | 1UA | 90 | 50 | .030 |
| | 2N1338 | NS 211 | 5 | TRW,HUG | 80 | 25 | 3.0 | .300 | .800 | A 175J | 70.000 | G | 10UA | 10 | 50 | .030 |
| | 2N1339 | NS 211 | 5 | TRW,HUG | 120 | 50 | 3.0 | .300 | .800 | A 175J | 70.000 | G | 1UA | 10 | 50 | .030 |
| | 2N1340 | NS 211 | 5 | TRW,HUG | 120 | 50 | 3.0 | .300 | .800 | A 175J | 70.000 | G | 1UA | 10 | 50 | .030 |
| | 2N1341 | NS 211 | 5 | TRW,HUG | 120 | 50 | 3.0 | .300 | .800 | A 175J | 70.000 | G | 1UA | 10 | 50 | .030 |
| | 2N1342 | NS 211 | 5 | TRW,HUG | 150 | 65 | 5.0 | .300 | .800 | A 175J | 70.000 | G | 10UA | 120 | 50 | .030 |
| | 2N1343 | PG 210 | 5 | ETC | 20 | 16 | 10.0 | .400 | .150 | A 85J | 4.000 | B | 6UA | 15 | 30 | |
| | 2N1344 | PG 210 | 5 | ETC | 15 | 10 | 10.0 | .400 | .150 | A 85J | 7.000 | B | 10UA | 15 | 120 | |
| | 2N1345 | PG 210 | 5 | ETC | 12 | 8 | 5.0 | .400 | .150 | A 85J | 10.000 | B | 6UA | 12 | 55 | .400 |
| | 2N1346 | PG 210 | 5 | ETC | 12 | 10 | 8.0 | .400 | .150 | A 85J | 10.000 | B | 5UA | 5 | 160 | |
| | 2N1347 | PG 210 | 5 | ETC | 20 | 12 | 10.0 | .200 | .150 | A 85J | 5.000 | B | 6UA | 12 | 60 | |
| | 2N1348 | PG 210 | 5 | ETC | 40 | 12 | 25.0 | .400 | .200 | A 85J | 5.300 | B | 10UA | 12 | 68 | .010 |
| | 2N1349 | PG 210 | 5 | ETC | 40 | 15 | 25.0 | .400 | .200 | A 85J | 10.000 | B | 10UA | 12 | 75 | .010 |
| | 2N1350 | PG 210 | 5 | ETC | 40 | 20 | 25.0 | .400 | .200 | A 85J | 8.000 | B | 20UA | 30 | 68 | .010 |
| | 2N1351 | PG 210 | 5 | ETC | 40 | 18 | 25.0 | .400 | .200 | A 85J | 8.000 | B | 10UA | 12 | 68 | .010 |
| | 2N1352 | PG 210 | 5 | ETC | 30 | 20 | 15.0 | .200 | .150 | A 85J | 1.250 | B | 5UA | 30 | 70 | |
| | 2N1353 | PG 210 | 5 | ETC | 15 | 10 | 10.0 | .200 | .200 | A 85J | 1.500 | B | 6UA | 10 | 100 | |
| | 2N1354 | PG 210 | 5 | ETC | 30 | 15 | 20.0 | .200 | .200 | A 85J | 3.000 | B | 6UA | 15 | 100 | |
| | 2N1355 | PG 210 | 5 | ETC | 30 | 20 | 20.0 | .200 | .200 | A 85J | 5.000 | B | 6UA | 20 | 100 | |
| | 2N1356 | PG 210 | 5 | ETC | 30 | 20 | 20.0 | .200 | .200 | A 85J | 5.000 | B | 6UA | 20 | 100 | |
| | 2N1357 | PG 210 | 5 | ETC | 30 | 15 | 20.0 | .200 | .200 | A 85J | 10.000 | B | 6UA | 15 | 100 | |
| | 2N1358 | PG 405 | 36 | CSF,DEL,MOT,ETC,SOL,HUG | 80 | 40 | 60.0 | 15.000 | 150.000 | C 100J | .100 | B | 4MA | 80 | 60 | 1.200 |
| | 2N1358A | PG 405 | 36 | DEL,ETC,MOT | 100 | 40 | 60.0 | 15.000 | 150.000 | C 110J | .100 | B | 4MA | 100 | 40 | 5.000 |
| | 2N1359 | PG 605 | 3 | SOL,MOT,HUG,ETC,KSC | 50 | 40S | 12.0 | 3.000 | 90.000 | C 100J | .007 | E | 3MA | 40 | 60 | 1.000 |
| | 2N1360 | PG 605 | 3 | SOL,MOT,ETC,HUG,KSC | 50 | 40S | 12.0 | 3.000 | 90.000 | C 100J | .005 | E | 3MA | 40 | 90 | 1.000 |
| | 2N1362 | PG 605 | 3 | SOL,MOT,ETC,HUG,KSC | 100 | 75S | 12.0 | 3.000 | 90.000 | C 100J | .007 | E | 3MA | 75 | 60 | 1.000 |
| | 2N1363 | PG 605 | 3 | SOL,MOT,ETC,HUG,KSC | 100 | 75S | 12.0 | 3.000 | 90.000 | C 100J | .005 | E | 3MA | 75 | 90 | 1.000 |
| | 2N1364 | PG 605 | 3 | SOL,MOT,ETC,HUG | 120 | 100S | 12.0 | 3.000 | 90.000 | C 100J | .007 | E | 3MA | 100 | 60 | 1.000 |
| | 2N1365 | PG 605 | 3 | SOL,MOT,ETC,HUG | 120 | 100S | 12.0 | 3.000 | 90.000 | C 100J | .005 | E | 3MA | 100 | 90 | 1.000 |
| | 2N1370 | PG 210 | 5 | ETC,TII | 25 | 25R | 10.0 | .200 | .150 | A 85J | 1.000 | B | 14UA | 20 | 100 | .050 |
| | 2N1371 | PG 210 | 5 | ETC,TII | 45 | 45R | 10.0 | .200 | .150 | A 85J | 1.000 | B | 14UA | 20 | 100 | .050 |
| | 2N1372 | PG 210 | 5 | ETC,TAD,TII | 25 | 25 | 15.0 | .200 | .250 | A 100J | .750 | B | 7UA | 20 | 60 | .050 |
| | 2N1373 | PG 210 | 5 | ETC,TAD,TII | 45 | 45 | 25.0 | .200 | .250 | A 100J | .750 | B | 7UA | 20 | 60 | .050 |
| | 2N1374 | PG 210 | 5 | ETC,TAD,TII | 25 | 25 | 15.0 | .200 | .250 | A 100J | 1.000 | B | 7UA | 20 | 90 | .050 |
| | 2N1375 | PG 210 | 5 | ETC,TAD,TII | 45 | 45 | 25.0 | .200 | .250 | A 100J | 1.000 | B | 7UA | 20 | 90 | .050 |
| | 2N1376 | PG 210 | 5 | ETC,TAD,TII | 25 | 25 | 15.0 | .200 | .250 | A 100J | 1.000 | B | 7UA | 20 | 100 | .050 |
| | 2N1377 | PG 210 | 5 | ETC,TAD,TII | 45 | 45 | 25.0 | .200 | .250 | A 100J | 1.000 | B | 7UA | 20 | 100 | .050 |
| | 2N1378 | PG 210 | 5 | ETC,TAD,TII | 12 | 12 | 7.0 | .200 | .250 | A 100J | 1.500 | B | 7UA | 12 | 200 | .050 |
| | 2N1379 | PG 210 | 5 | ETC,TAD,TII | 25 | 25 | 15.0 | .200 | .250 | A 100J | 1.500 | B | 7UA | 20 | 200 | .050 |
| | 2N1380 | PG 210 | 5 | ETC,TAD,TII | 12 | 12 | 7.0 | .200 | .250 | A 100J | 1.500 | B | 14UA | 12 | 200 | .050 |
| | 2N1381 | PG 210 | 5 | ETC,TAD,TII | 25 | 25 | 15.0 | .200 | .250 | A 100J | 1.500 | B | 14UA | 20 | 100 | .050 |
| | 2N1382 | PG 210 | 5 | ETC | 25 | 25 | 15.0 | .200 | .250 | A 85J | 2.000 | B | 14UA | 20 | 90 | .050 |
| | 2N1382+ | PG 170 | 9 | TII | 25 | 25 | 15.0 | .200 | .200 | A 85J | 2.000 | B | 14UA | 20 | 80 | |
| | 2N1383 | PG 210 | 5 | ETC | 25 | 25 | 15.0 | .200 | .200 | A 85J | 1.500 | B | 14UA | 20 | 72 | .050 |
| - | 2N1383+ | PG 170 | 9 | TII | 25 | 25 | 15.0 | .200 | .200 | A 85J | 1.500 | B | 14UA | 20 | 50 | |
| - | 2N1384 | PG 210 | 11 | RCA | 30 | 30 | 1.0 | .500 | .240 | A 85A | 20.000 | G | 8UA | 12 | 50 | |
| | 2N1386 | NS 210 | 5 | ETC | 25 | 25S | 3.0 | .050 | .250 | A 150J | 25.000 | B | 100NA | 6 | 52 | .010 |
| | 2N1387 | NS 210 | 5 | ETC | 30 | 30S | 3.0 | .050 | .250 | A 150J | 25.000 | B | 100NA | 6 | 30 | .010 |
| | 2N1391 | NS 210 | 5 | ETC | 25 | 18 | 15.0 | | .150 | A 100J | 3.000 | B | 4UA | 5 | 80 | .020 |
| | 2N1395 | PG 217 | 33 | AMP,RCA | 40 | | .5 | .010 | .240 | A 100J | 30.000 | B | 12UA | 12 | 90 | |
| | 2N1396 | PG 217 | 33 | AMP,RCA | 40 | | .5 | .010 | .240 | A 100J | 100.000 | B | 12UA | 12 | 90 | |
| | 2N1397 | PG 217 | 33 | RCA | 40 | | .5 | .010 | .240 | A 100J | 30.000 | B | 12UA | 12 | 90 | |
| | 2N1404 | PG 212 | 5 | TII,ETC | 25 | 25 | 20.0 | .300 | .200 | A 85J | 4.000 | B | 5UA | 15 | | |
| - | 2N1405 | PG 217 | 12 | TII | 30 | 20 | 1.0 | .050 | .075 | A 100J | 250.000 | G | 5UA | 12 | 10 | |
| - | 2N1406 | PG 217 | 12 | TII | 30 | 20 | 1.0 | .050 | .075 | A 100J | 250.000 | G | 5UA | 12 | 10 | |
| - | 2N1407 | PG 217 | 12 | TII | 30 | 20 | 1.0 | .050 | .075 | A 100J | 200.000 | G | 5UA | 12 | 10 | |
| | 2N1408 | PG 210 | 5 | MOT,ETC,GIC | 50 | 50S | 10.0 | .200 | .150 | A 85J | AUD | | 7UA | 5 | 20 | |
| | 2N1409 | NS 211 | 5 | TRW,ETC | 30 | 25R | 4.0 | | .600 | C 175J | 50.000 | G | 10UA | 20 | 26 | .150 |
| | 2N1409A | NS 211 | 5 | TRW,ETC | 30 | 25R | 4.0 | | .800 | C 175J | 50.000 | G | 10UA | 20 | 26 | .150 |
| | 2N1410 | NS 211 | 5 | TRW,ETC | 45 | 30R | 4.0 | | .600 | C 175J | 50.000 | G | 10UA | 20 | 52 | .150 |
| | 2N1410A | NS 211 | 5 | TRW,ETC | 45 | 30R | 4.0 | | .800 | C 175J | 50.000 | G | 10UA | 20 | 52 | .150 |
| | 2N1411 | PG 116 | 24 | SPR,HUG | 5 | 5S | | .050 | .025 | A 85J | MS SW | | 5UA | 5 | 32 | .050 |
| | 2N1412 | PG 405 | 36 | SOL,DEL,MOT,RCA,ETC,HUG | 100 | 65 | 80.0 | 15.000 | 150.000 | C 100J | .010 | E | 4MA | 100 | 37 | 5.000 |
| | 2N1413 | PG 212 | 5 | GEC,TAD,ETC,MOT | 35 | 25R | 10.0 | .200 | .200 | A 85J | .800 | B | 12UA | 30 | 36 | |
| | 2N1414 | PG 212 | 5 | GEC,TAD,MOT,ETC | 35 | 25 | 10.0 | .200 | .200 | A 85J | 1.000 | B | 12UA | 30 | 52 | |
| | 2N1415 | PG 212 | 5 | GEC,TAD,ETC,MOT | 35 | 25 | 10.0 | .200 | .200 | A 85J | 1.300 | B | 12UA | 30 | 72 | |
| | 2N1416 | | | M.P.2N223 | | | | | | | | | | | | |
| | 2N1417 | NS 210 | 5 | TEC,HUG | 15 | 15 | 2.0 | .050 | .150 | A 150A | | | 10UA | 30 | 30 | .010 |
| | 2N1418 | NS 210 | 5 | TEC,HUG | 30 | 30 | 2.0 | .050 | .150 | A 150A | | | 1UA | 15 | 30 | .001 |
| | 2N1420 | NS 210 | 5 | MOT,GIC,TRW,TII,SES,ETC | 60 | 30R | 5.0 | | .600 | A 175J | 50.000 | G | 1UA | 30 | 180 | .150 |
| | 2N1420A | NS 211 | 5 | TRW,HUG | 60 | 40R | 7.0 | 1.000 | .800 | A 200J | 60.000 | G | 10NA | 50 | 170 | .150 |
| - | 2N1425 | PG 75 | 7 | RCA | 24 | | .5 | .010 | .080 | A 85J | 33.000 | B | 12UA | 12 | 50 | |
| - | 2N1426 | PG 75 | 7 | RCA | 24 | | .5 | .010 | .080 | A 85J | 33.000 | B | 12UA | 12 | 130 | |
| | 2N1427 | PG 116 | 24 | SPR,HUG | 6 | 6S | 6.0 | .050 | .025 | A 85J | 50.000 | G | 5UA | 6 | 50 | |
| | 2N1429 | NS 210 | 5 | SOL,HUG,CRY | 6 | 6 | 6.0 | | .400 | A | 10.000 | B | 100NA | | 37 | .001 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff $I_{CBO}$ @ $V_{CB}$ | | Gain $h_{FE}$ @ $I_C$(A) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) Cond. | | | | | | |
| | 2N1430 | PG 607 | 41 | SOL | 80 | | | 10.000 | 50.000 | C | 110J | .005 | E | 200UA | 2 | 56 | 5.000 |
| | 2N1431 | NG 210 | 5 | ETC | 20 | 15 | 1.0 | .100 | .180 | A | 75J | .010 | B | 50UA | 20 | 90 | |
| - | 2N1431+ | NG 10 | 22 | SYL | 20 | 15 | 10.0 | .100 | .180 | A | 75J | .200 | G | 50UA | 20 | 110 | |
| | 2N1432 | PG 217 | 33 | SYL | 45 | 45 | .5 | .010 | .100 | A | 100J | 7.000 | G | 15UA | 45 | 60 | |
| - | 2N1433 | PG 427 | 10 | CBS | 80 | 50 | 28.0 | 3.500 | 35.000 | C | 95J | .200 | B | 2MA | 80 | 30 | |
| - | 2N1434 | PG 427 | 10 | CBS | 80 | 50 | 28.0 | 3.500 | | | 95J | .200 | B | 2MA | 80 | 80 | |
| - | 2N1435 | PG 427 | 10 | CBS | 80 | 50 | 28.0 | 3.500 | | | 95J | .200 | B | 2MA | 80 | 50 | |
| | 2N1437 | PG 430 | 13 | KSC | 100 | 90 | | 3.000 | 20.000 | C | 100J | .008 | E | | | 30 | .500 |
| | 2N1438 | PG 430 | 10 | KSC | 100 | 90S | | 3.000 | 20.000 | C | 100J | .008 | E | | | 30 | .500 |
| | 2N1439 | PS 210 | 5 | SOL,HUG,CRY | 50 | 50 | 50.0 | .100 | .400 | A | 200J | .500 | B | 25NA | 15 | 13 | .001 |
| | 2N1440 | PS 210 | 5 | NSC,ETC,SOL,HUG,CRY | 60 | 50 | 60.0 | .100 | .400 | A | 200J | 1.000 | B | 25NA | 60 | 16 | |
| | 2N1441 | PS 210 | 5 | NSC,ETC,SOL,HUG,CRY | 50 | 35 | 50.0 | .100 | .400 | A | 200J | 1.000 | B | 25NA | 50 | 26 | |
| | 2N1442 | PS 210 | 5 | NSC,ETC,SOL,HUG,CRY | 50 | 30 | 50.0 | .100 | .400 | A | 200J | 1.000 | B | 25NA | 50 | 48 | |
| | 2N1443 | PS 210 | 5 | NSC,SOL,HUG,CRY | 50 | 15 | 50.0 | .100 | .400 | A | 200J | 1.000 | B | 25NA | 50 | 70 | |
| | 2N1445 | NS 211 | 5 | HUG | 120 | | 8.0 | .750 | .800 | A | 200J | .075 | E | 10UA | 120 | 40 | .200 |
| | 2N1446 | PG 210 | 5 | ETC | 45 | 25 | 15.0 | .400 | .200 | A | 85J | 1.000 | B | 10UA | 30 | 30 | |
| | 2N1447 | PG 210 | 5 | ETC | 45 | 25 | 15.0 | .400 | .200 | A | 85J | 1.500 | B | 10UA | 30 | 40 | |
| | 2N1448 | PG 210 | 5 | ETC | 45 | 25 | 15.0 | .400 | .200 | A | 85J | 2.000 | B | 10UA | 30 | 60 | |
| | 2N1449 | PG 210 | 5 | ETC | 45 | 25 | 15.0 | .400 | .200 | A | 85J | 2.250 | B | 10UA | 30 | 100 | |
| | 2N1450 | PG 210 | 5 | ETC | 30 | 20 | 1.0 | .100 | .120 | A | 85J | | | 10UA | 7 | 40 | .010 |
| - | 2N1450+ | PG 217 | 33 | SYL | 30 | 20 | 1.0 | .100 | .120 | A | 100J | MS SW | | 100UA | 30 | 40 | |
| | 2N1451 | PG 210 | 5 | ETC | 45 | 20 | 10.0 | .400 | .200 | A | 85J | .750 | B | 15UA | 45 | 40 | |
| | 2N1452 | PG 210 | 5 | ETC | 45 | 20 | 10.0 | .400 | .200 | A | 85J | 1.150 | B | 15UA | 45 | 60 | |
| | 2N1465 | PG 430 | 13 | KSC | 120 | 100 | | 3.000 | 20.000 | C | 100J | .008 | E | | | 30 | .500 |
| | 2N1466 | PG 430 | 10 | KSC | 120 | 100S | | 3.000 | 20.000 | C | 100J | .008 | E | | | 30 | .500 |
| | 2N1469 | PS 210 | 5 | SSD,SOL,HUG,CRY | 40 | 35 | 40.0 | .100 | .250 | A | 175J | 2.000 | B | 25NA | 35 | 50 | |
| | 2N1471 | PG 210 | 5 | ETC | 15 | 12 | 7.0 | .200 | .200 | A | 85J | 3.000 | B | 5UA | 15 | 160 | |
| | 2N1472 | NS 211 | 5 | ETC | 25 | 25 | 3.0 | .100 | .300 | A | 150J | 75.000 | G | 500NA | 10 | 30 | .010 |
| | 2N1473 | NG 212 | 5 | ETC | 40 | 40R | 15.0 | .400 | .250 | A | 85J | 4.000 | B | 50UA | 40 | 38 | .400 |
| | 2N1474 | PS 210 | 5 | SSD,NSC,SOL,HUG,CRY | 60 | 60 | 60.0 | .100 | .250 | A | 175J | 1.000 | B | 50NA | 50 | 30 | .001 |
| | 2N1474A | PS 210 | 5 | SSD,SOL,HUG,CRY | 60 | 60 | 60.0 | .100 | .250 | A | 175J | 2.000 | B | 50NA | 50 | 26 | .001 |
| | 2N1475 | PS 210 | 5 | SSD,NSC,SOL,HUG,CRY | 60 | 60 | 60.0 | .100 | .250 | A | 175J | 1.000 | B | 50NA | 50 | 60 | .001 |
| | 2N1476 | PS 210 | 5 | SSD,NSC,SOL,HUG,CRY | 100 | 100 | 100.0 | .100 | .250 | A | 175J | 1.000 | B | 200NA | 80 | 24 | .001 |
| | 2N1477 | PS 210 | 5 | SSD,SOL,HUG,CRY | 100 | 100 | 100.0 | .100 | .250 | A | 175J | 1.000 | B | 200NA | 80 | 44 | .001 |
| | 2N1478 | PG 211 | 5 | ETC | 30 | 20R | 20.0 | .500 | .250 | A | 100J | 3.000 | B | 25UA | 30 | 60 | .100 |
| | 2N1479 | NS 211 | 5 | AMF,RCA,TEC,HUG,KSC | 60 | 40 | 12.0 | 1.500 | 5.000 | C | 200J | 1.500 | B | 10UA | 30 | 36 | |
| | 2N1480 | NS 211 | 5 | AMF,RCA,TEC,HUG,STC | 100 | 55 | 12.0 | 1.500 | 5.000 | C | 200J | 1.500 | B | 10UA | 30 | 36 | |
| | 2N1481 | NS 211 | 5 | AMF,RCA,TEC,HUG,STC | 60 | 40 | 12.0 | 1.500 | 5.000 | C | 200J | 1.500 | B | 10UA | 30 | 70 | |
| | 2N1482 | NS 211 | 5 | AMF,RCA,TEC,HUG,STC | 100 | 55 | 12.0 | 1.500 | 5.000 | C | 200J | 1.500 | B | 10UA | 30 | 70 | |
| | 2N1483 | NS 171 | 8 | AMF,RCA,ETC,STC,SEN | 60 | 40 | 12.0 | 3.000 | 25.000 | C | 200J | 1.250 | B | 15UA | 30 | 36 | .750 |
| | 2N1484 | NS 171 | 8 | AMF,ETC,STC,SEN,RCA | 100 | 55 | 12.0 | 3.000 | 25.000 | C | 200J | 1.250 | B | 15UA | 30 | 36 | .750 |
| | 2N1485 | NS 171 | 8 | AMF,RCA,ETC,STC,SEN | 60 | 40 | 12.0 | 3.000 | 25.000 | C | 200J | 1.250 | B | 15UA | 30 | 70 | .750 |
| | 2N1486 | NS 171 | 8 | AMF,RCA,ETC,STC,SEN | 100 | 55 | 12.0 | 3.000 | 25.000 | C | 200J | 1.250 | B | 15UA | 30 | 70 | .750 |
| | 2N1487 | NS 605 | 3 | AMF,SOL,RCA,ETC,HUG,STC | 60 | 40 | 10.0 | 6.000 | 75.000 | C | 200J | 1.000 | B | 25UA | 30 | 30 | 1.500 |
| | 2N1488 | NS 605 | 3 | AMF,SOL,ETC,RCA,HUG,STC | 100 | 55 | 10.0 | 6.000 | 75.000 | C | 200J | 1.000 | B | 25UA | 30 | 30 | 1.500 |
| | 2N1489 | NS 605 | 3 | AMF,SOL,RCA,ETC,HUG,STC | 60 | 40 | 10.0 | 6.000 | 75.000 | C | 200J | 1.000 | B | 25UA | 30 | 40 | 1.500 |
| | 2N1490 | NS 605 | 3 | AMF,SOL,RCA,ETC,HUG,STC | 100 | 55 | 10.0 | 6.000 | 75.000 | C | 200J | 1.000 | B | 25UA | 30 | 40 | 1.500 |
| | 2N1491 | NS 217 | 12 | RCA | 30 | | 1.0 | .005 | .500 | A | 175C | 250.000 | B | 10UA | 12 | 60 | |
| | 2N1492 | NS 217 | 12 | RCA | 60 | | 2.0 | .005 | .500 | A | 175C | 275.000 | B | 10UA | 12 | 60 | |
| | 2N1493 | NS 217 | 12 | RCA | 100 | | 4.5 | .005 | .500 | A | 175C | 300.000 | B | 10UA | 12 | | |
| | 2N1494 | PG 211 P | | MOT | 20 | 15 | 4.0 | .500 | .750 | C | 100J | 110.000 | G | 7UA | 5 | 35 | .400 |
| | 2N1494A | PG 211 P | | MOT | 20 | 15 | 4.0 | .500 | .750 | C | 100J | 110.000 | G | 7UA | 5 | 50 | .200 |
| | 2N1495 | PG 210 | 5 | MOT | 40 | 25 | 4.0 | .500 | .300 | A | 100J | 150.000 | G | 7UA | 5 | 50 | .200 |
| | 2N1496 | PG 211 P | | MOT | 40 | 25 | 4.0 | .500 | .750 | C | 100J | 150.000 | G | 7UA | 5 | 50 | .200 |
| | 2N1499 | PG 170 | 9 | ETC,HUG | 20 | 15S | 2.0 | .050 | .025 | A | 85J | | | 100UA | 20 | 30 | .040 |
| | 2N1499A | PG 170 | 9 | SPR,ETC,HUG | 20 | 20S | 2.0 | .100 | .060 | A | 100J | 100.000 | G | 3UA | 5 | 50 | .040 |
| | 2N1499B | PG 170 | 9 | SPR,ETC,HUG | 30 | 20 | 2.0 | .100 | .075 | A | 100J | 150.000 | G | 3UA | 5 | 80 | .010 |
| | 2N1500 | PG 170 | 9 | SPR,ETC,HUG | 15 | 12S | 2.0 | .050 | .060 | A | 100J | 120.000 | G | 5UA | 5 | 50 | |
| | 2N1501 | PG 427 A | | SOL,HUG,KSC | 60 | 40 | 28.0 | 3.500 | 32.000 | C | 100J | .200 | G | 2MA | 60 | 60 | 2.000 |
| | 2N1502 | PG 427 A | | SOL,HUG,KSC | 40 | 40 | 28.0 | 3.500 | 32.000 | C | 100J | .200 | G | 2MA | 40 | 60 | 2.000 |
| | 2N1504 | PG 430 | 10 | KSC | 80 | 60S | | 3.000 | 20.000 | C | 100J | .008 | E | | | 30 | .500 |
| | 2N1505 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N1506 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N1506A | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N1507 | NS 211 | 5 | TRW,TII,RAY,ETC,HUG,TIL | 60 | 25 | 5.0 | | .600 | A | 175J | 50.000 | G | 1UA | 30 | 160 | |
| - | 2N1510 | NG 12 A | | GEC | 75 | 70R | 8.0 | .020 | .075 | A | 85J | | | 5UA | 75 | 50 | |
| | 2N1511 | NS 405 | 36 | HUG | 60 | 40 | 10.0 | 6.000 | 75.000 | C | 200A | 1.000 | B | 25UA | 30 | 30 | |
| | 2N1512 | NS 405 | 36 | HUG | 100 | 55 | 10.0 | 6.000 | 75.000 | C | 200A | 1.000 | B | 25UA | 30 | 30 | |
| | 2N1513 | NS 405 | 36 | HUG | 60 | 40 | 10.0 | 6.000 | 75.000 | C | 200A | 1.000 | B | 25UA | 30 | 50 | |
| | 2N1514 | NS 405 | 36 | HUG | 100 | 55 | 10.0 | 6.000 | 75.000 | C | 200A | 1.000 | B | 25UA | 30 | 50 | |
| | 2N1518 | PG 405 | 36 | DEL,ETC,SOL | 50 | 40 | 30.0 | 25.000 | 150.000 | C | 100J | .004 | E | 4MA | 50 | 30 | 15.000 |
| | 2N1519 | PG 405 | 36 | DEL,ETC,SOL | 80 | 60 | 30.0 | 25.000 | 150.000 | C | 100J | .004 | E | 4MA | 80 | 30 | 15.000 |
| | 2N1520 | PG 405 | 36 | DEL,ETC,SOL | 50 | 40 | 30.0 | 35.000 | 150.000 | C | 100J | .004 | E | 4MA | 50 | 34 | 15.000 |
| | 2N1521 | PG 405 | 36 | DEL,ETC,SOL | 80 | 60 | 30.0 | 35.000 | 150.000 | C | 100J | .004 | E | 4MA | 80 | 34 | 15.000 |
| | 2N1522 | PG 405 | 36 | DEL,ETC,SOL | 50 | 40 | 30.0 | 50.000 | 150.000 | C | 100J | .004 | E | 4MA | 50 | 50 | 15.000 |
| | 2N1523 | PG 405 | 36 | DEL,ETC,SOL | 80 | 60 | 30.0 | 50.000 | 150.000 | C | 100J | .004 | E | 4MA | 80 | 50 | 15.000 |
| | 2N1524 | PG 120 | 1 | RCA | 24 | | .5 | .010 | .080 | A | 71A | 33.000 | B | 16UA | 12 | 60 | |
| - | 2N1525 | PG 55 | 40 | RCA | 24 | | .5 | .010 | .080 | A | 71A | 33.000 | B | 16UA | 12 | 60 | |
| - | 2N1526 | PG 120 | 1 | RCA | 24 | | .5 | .010 | .080 | A | 71A | 33.000 | B | 16UA | 12 | 130 | |
| - | 2N1527 | PG 55 | 40 | RCA | 24 | | .5 | .010 | .080 | A | 71A | 33.000 | B | 16UA | 12 | 130 | |
| | 2N1529 | PG 605 | 3 | SOL,MOT,ETC,TII,HUG,KSC | 40 | 20 | 20.0 | 5.000 | 90.000 | C | 100J | .010 | E | 2MA | 25 | 30 | 3.000 |
| | 2N1529A | PG 605 | 3 | MOT,SOL,HUG,KSC | 40 | 20 | 20.0 | 5.000 | 106.000 | C | 110J | .004 | E | 2MA | 25 | 30 | 3.000 |
| | 2N1530 | PG 605 | 3 | SOL,MOT,ETC,TII,HUG,KSC | 60 | 30 | 30.0 | 5.000 | 90.000 | C | 100J | .010 | E | 2MA | 40 | 30 | 3.000 |
| | 2N1530A | PG 605 | 3 | MOT,SOL,HUG,KSC | 60 | 30 | 30.0 | 5.000 | 106.000 | C | 110J | .004 | E | 2MA | 40 | 30 | 3.000 |
| | 2N1531 | PG 605 | 3 | SOL,MOT,ETC,TII,HUG,KSC | 80 | 40 | 40.0 | 5.000 | 90.000 | C | 100J | .010 | E | 2MA | 55 | 30 | 3.000 |
| | 2N1531A | PG 605 | 3 | MOT,SOL,HUG,KSC | 80 | 40 | 40.0 | 5.000 | 106.000 | C | 110J | .004 | E | 2MA | 55 | 30 | 3.000 |
| | 2N1532 | PG 605 | 3 | SOL,MOT,ETC,TII,HUG,KSC | 100 | 50 | 50.0 | 5.000 | 90.000 | C | 100J | .010 | E | 2MA | 65 | 30 | 3.000 |
| | 2N1532A | PG 605 | 3 | MOT,SOL,HUG,KSC | 100 | 50 | 50.0 | 5.000 | 106.000 | C | 110J | .004 | E | 2MA | 65 | 30 | 3.000 |
| | 2N1533 | PG 605 | 3 | SOL,MOT,ETC,TII,HUG,KSC | 120 | 60 | 60.0 | 5.000 | 90.000 | C | 100J | .010 | E | 2MA | 80 | 30 | 3.000 |
| | 2N1534 | PG 605 | 3 | SOL,DEL,MOT,ETC,TII,HUG | 40 | 20 | 20.0 | 5.000 | 90.000 | C | 100J | .008 | E | 2MA | 25 | 52 | 3.000 |
| | 2N1534A | PG 605 | 3 | MOT,SOL,HUG,KSC | 40 | 20 | 20.0 | 5.000 | 106.000 | C | 110J | .004 | E | 2MA | 25 | 52 | 3.000 |
| | 2N1535 | PG 605 | 3 | SOL,DEL,MOT,ETC,TII,HUG | 60 | 30 | 30.0 | 5.000 | 90.000 | C | 100J | .008 | E | 2MA | 40 | 52 | 3.000 |
| | 2N1535A | PG 605 | 3 | MOT,SOL,HUG,KSC | 60 | 30 | 30.0 | 5.000 | 106.000 | C | 110J | .004 | E | 2MA | 40 | 52 | 3.000 |
| | 2N1536 | PG 605 | 3 | SOL,DEL,MOT,ETC,TII,HUG | 80 | 40 | 40.0 | 5.000 | 90.000 | C | 100J | .008 | E | 2MA | 55 | 52 | 3.000 |
| | 2N1536A | PG 605 | 3 | MOT,SOL,HUG,KSC | 80 | 40 | 40.0 | 5.000 | 106.000 | C | 110J | .004 | E | 2MA | 55 | 52 | 3.000 |
| | 2N1537 | PG 605 | 3 | SOL,MOT,ETC,TII,HUG,KSC | 100 | 50 | 50.0 | 5.000 | 90.000 | C | 100J | .008 | E | 2MA | 65 | 52 | 3.000 |
| | 2N1537A | PG 605 | 3 | MOT,SOL,ETC,HUG,KSC | 100 | 50 | 50.0 | 5.000 | 106.000 | C | 110J | .004 | E | 2MA | 65 | 52 | 3.000 |
| | 2N1538 | PG 605 | 3 | SOL,MOT,ETC,TII,HUG,KSC | 120 | 60 | 60.0 | 5.000 | 90.000 | C | 100J | .008 | E | 2MA | 80 | 52 | 3.000 |
| | 2N1539 | PG 605 | 3 | DEL,MOT,TII,ETC,SOL,HUG | 40 | 20 | 12.0 | 5.000 | 90.000 | C | 100J | .010 | G | 2MA | 25 | 75 | 3.000 |
| | 2N1539A | PG 605 | 3 | MOT,SOL,HUG,KSC | 40 | 20 | 20.0 | 5.000 | 90.000 | C | 100J | .004 | E | 2MA | 25 | 74 | 3.000 |
| | 2N1540 | PG 605 | 3 | DEL,MOT,TII,ETC,SOL,HUG | 60 | 30 | 12.0 | 5.000 | 90.000 | C | 100J | .010 | G | 2MA | 40 | 75 | 3.000 |
| | 2N1540A | PG 605 | 3 | MOT,SOL,HUG,KSC | 60 | 30 | 30.0 | 5.000 | 90.000 | C | 100J | .004 | E | 2MA | 40 | 74 | 3.000 |
| | 2N1541 | PG 605 | 3 | DEL,MOT,TII,ETC,SOL,HUG | 80 | 40 | 12.0 | 5.000 | 90.000 | C | 100J | .010 | G | 2MA | 55 | 75 | 3.000 |
| | 2N1541A | PG 605 | 3 | MOT,SOL,HUG,KSC | 80 | 40 | 40.0 | 5.000 | 90.000 | C | 100J | .004 | E | 2MA | 55 | 74 | 3.000 |
| | 2N1542 | PG 605 | 3 | DEL,MOT,TII,ETC,SOL,HUG | 100 | 50 | 12.0 | 5.000 | 90.000 | C | 100J | .010 | G | 2MA | 65 | 75 | 3.000 |
| | 2N1542A | PG 605 | 3 | MOT,SOL,HUG,KSC | 100 | 50 | 50.0 | 5.000 | 90.000 | C | 100J | .004 | E | 2MA | 65 | 74 | 3.000 |
| | 2N1543 | PG 605 | 3 | DEL,MOT,TII,ETC,SOL,HUG | 120 | 60 | 12.0 | 5.000 | 90.000 | C | 100J | .010 | G | 2MA | 80 | 75 | 3.000 |
| | 2N1544 | PG 605 | 3 | DEL,MOT,ETC,TII,SOL,HUG | 40 | 20 | 12.0 | 5.000 | 90.000 | C | 100J | .002 | E | 2MA | 25 | 110 | 3.000 |
| | 2N1544A | PG 605 | 3 | MOT,SOL,HUG,KSC | 40 | 20 | 20.0 | 5.000 | 90.000 | C | 100J | .004 | E | 2MA | 25 | 100 | 3.000 |
| | 2N1545 | PG 605 | 3 | DEL,MOT,ETC,TII,SOL,HUG | 60 | 30 | 12.0 | 5.000 | 90.000 | C | 100J | .002 | E | 2MA | 40 | 110 | 3.000 |
| | 2N1545A | PG 605 | 3 | MOT,SOL,HUG,KSC | 60 | 30 | 30.0 | 5.000 | 90.000 | C | 100J | .004 | E | 2MA | 40 | 100 | 3.000 |
| | 2N1546 | PG 605 | 3 | DEL,MOT,ETC,TII,SOL,HUG | 80 | 40 | 12.0 | 5.000 | 90.000 | C | 100J | .002 | E | 2MA | 55 | 110 | 3.000 |
| | 2N1546A | PG 605 | 3 | MOT,SOL,HUG,KSC | 80 | 40 | 40.0 | 5.000 | 90.000 | C | 100J | .004 | E | 2MA | 55 | 100 | 3.000 |
| | 2N1547 | PG 605 | 3 | DEL,MOT,ETC,TII,SOL,HUG | 100 | 50 | 12.0 | 5.000 | 90.000 | C | 100J | .002 | E | 2MA | 65 | 110 | 3.000 |
| | 2N1547A | PG 605 | 3 | MOT,SOL,HUG,KSC | 100 | 50 | 50.0 | 5.000 | 90.000 | C | 100J | .004 | E | 2MA | 65 | 100 | 3.000 |
| | 2N1548 | PG 605 | 3 | MOT,ETC,TII,SOL,HUG,KSC | 120 | 60 | 12.0 | 5.000 | 90.000 | C | 100J | .002 | E | 2MA | 80 | 110 | 3.000 |
| | 2N1549 | PG 605 | 3 | MOT,ETC,SOL,HUG,KSC | 40 | 20 | 20.0 | 15.000 | 90.000 | C | 100J | .010 | E | 3MA | 25 | 20 | 9.900 |
| | 2N1549A | PG 605 | 3 | MOT,SOL,HUG,KSC | 40 | 20 | 20.0 | 15.000 | 90.000 | C | 100J | .010 | E | 3MA | 25 | 20 | 9.999 |
| | 2N1550 | PG 605 | 3 | MOT,ETC,SOL,HUG,KSC | 60 | 30 | 30.0 | 15.000 | 90.000 | C | 100J | .010 | E | 3MA | 45 | 20 | 9.900 |
| | 2N1550A | PG 605 | 3 | MOT,SOL,HUG,KSC | 60 | 30 | 30.0 | 15.000 | 90.000 | C | 100J | .010 | E | 3MA | 40 | 20 | 9.999 |
| | 2N1551 | PG 605 | 3 | MOT,ETC,SOL,HUG,KSC | 80 | 40 | 40.0 | 15.000 | 90.000 | C | 100J | .010 | E | 3MA | 55 | 20 | 9.900 |
| | 2N1551A | PG 605 | 3 | MOT,SOL,HUG,KSC | 80 | 40 | 40.0 | 15.000 | 90.000 | C | 100J | .010 | E | 3MA | 55 | 20 | 9.999 |
| | 2N1552 | PG 605 | 3 | MOT,ETC,SOL,HUG,KSC | 100 | 50 | 50.0 | 15.000 | 90.000 | C | 100J | .010 | E | 3MA | 65 | 20 | 9.900 |
| | 2N1552A | PG 605 | 3 | MOT,SOL,HUG,KSC | 100 | 50 | 50.0 | 15.000 | 90.000 | C | 100J | .010 | E | 3MA | 65 | 20 | 9.999 |
| | 2N1553 | PG 605 | 3 | MOT,ETC,SOL,HUG,KSC | 40 | 20 | 12.0 | 15.000 | 90.000 | C | 100J | .006 | E | 3MA | 25 | 44 | 9.900 |
| | 2N1553A | PG 605 | 3 | MOT,SOL,HUG,KSC | 40 | 20 | 20.0 | 15.000 | 90.000 | C | 100J | .006 | E | 3MA | 25 | 44 | 9.999 |
| | 2N1554 | PG 605 | 3 | MOT,ETC,SOL,HUG,KSC | 60 | 30 | 12.0 | 15.000 | 90.000 | C | 100J | .010 | E | 3MA | 40 | 44 | 9.900 |
| | 2N1554A | PG 605 | 3 | MOT,SOL,HUG,KSC | 60 | 30 | 30.0 | 15.000 | 90.000 | C | 100J | .006 | E | 3MA | 40 | 44 | 9.999 |
| | 2N1555 | PG 605 | 3 | MOT,ETC,SOL,HUG,KSC | 80 | 40 | 12.0 | 15.000 | 90.000 | C | 100J | .006 | E | 3MA | 55 | 44 | 9.900 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. / Temp. (°C) / Cond. | | | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ $I_C$(A) | |
| | 2N1555A | PG 605 | 3 | MOT,SOL,HUG,KSC | 80 | 40 | 40.0 | 15.000 | 90.000 | C 100J | .006 | E | 3MA | 55 | 44 | 9.999 |
| | 2N1556 | PG 605 | 3 | MOT,ETC,SOL,HUG,KSC | 100 | 50 | 12.0 | 15.000 | 90.000 | C 100J | .010 | E | 3MA | 65 | 20 | 9.900 |
| | 2N1556A | PG 605 | 3 | MOT,SOL,HUG,KSC | 100 | 50 | 50.0 | 15.000 | 90.000 | C 100J | .006 | E | 3MA | 65 | 44 | 9.999 |
| | 2N1557 | PG 605 | 3 | MOT,ETC,SOL,HUG,KSC | 40 | 20 | 12.0 | 15.000 | 90.000 | C 100J | .005 | E | 3MA | 25 | 70 | 9.900 |
| | 2N1557A | PG 605 | 3 | MOT,SOL,HUG,KSC | 40 | 20 | 20.0 | 15.000 | 90.000 | C 100J | .005 | E | 3MA | 25 | 74 | 9.999 |
| | 2N1558 | PG 605 | 3 | MOT,ETC,SOL,HUG,KSC | 60 | 30 | 12.0 | 15.000 | 90.000 | C 100J | .005 | E | 3MA | 40 | 70 | 9.900 |
| | 2N1558A | PG 605 | 3 | MOT,SOL,HUG,KSC | 60 | 30 | 30.0 | 15.000 | 90.000 | C 100J | .005 | E | 3MA | 40 | 74 | 9.999 |
| | 2N1559 | PG 605 | 3 | MOT,ETC,SOL,HUG,KSC | 80 | 40 | 12.0 | 15.000 | 90.000 | C 100J | .005 | E | 3MA | 55 | 70 | 9.900 |
| | 2N1559A | PG 605 | 3 | MOT,SOL,HUG,KSC | 80 | 40 | 40.0 | 15.000 | 90.000 | C 100J | .005 | E | 3MA | 55 | 74 | 9.999 |
| | 2N1560 | PG 605 | 3 | MOT,ETC,SOL,HUG,KSC | 100 | 50 | 12.0 | 15.000 | 90.000 | C 100J | .005 | E | 3MA | 65 | 70 | 9.900 |
| | 2N1560A | PG 605 | 3 | MOT,SOL,HUG,KSC | 100 | 50 | 50.0 | 15.000 | 90.000 | C 100J | .005 | E | 3MA | 65 | 74 | 9.999 |
| | 2N1561 | PG 171 D | | MOT | 25 | 25 | 3.0 | .250 | .250 | A 100J | 500.000 | G | 10UA | 10 | 3 | .050 |
| | 2N1562 | PG 171 D | | MOT | 25 | 25 | 2.0 | .250 | .250 | A 100J | 450.000 | G | 10UA | 10 | 3 | .050 |
| | 2N1564 | NS 211 | 5 | AMC,CSF,TRW,ETC,NSC,TEC | 60 | 60 | 5.0 | .500 | .600 | A 175J | 30.000 | G | 1UA | 40 | 36 | .005 |
| | 2N1565 | NS 211 | 5 | AMC,CSF,TRW,ETC,NSC,TEC | 80 | 60 | 5.0 | .500 | .600 | A 175J | 30.000 | G | 1UA | 40 | 55 | .005 |
| | 2N1566 | NS 211 | 5 | AMC,TRW,ETC,NSC,TEC | 80 | 60 | 5.0 | .500 | .600 | A 175J | 60.000 | G | 1UA | 40 | 120 | .005 |
| | 2N1566A | NS 211 | 5 | ETC | 80 | 60 | 8.0 | .100 | .600 | A 175J | 100.000 | G | 500NA | 40 | 12 | |
| | 2N1572 | NS 211 | 5 | AMC,CSF,ETC,TEC | 125 | 80 | 5.0 | | .600 | A 175J | 30.000 | G | 1UA | 40 | 28 | .005 |
| | 2N1573 | NS 211 | 5 | AMC,CSF,ETC,TEC | 125 | 80 | 5.0 | | .600 | A 175J | 60.000 | G | 1UA | 40 | 55 | .005 |
| | 2N1574 | NS 211 | 5 | AMC,CSF,ETC,TEC | 125 | 80 | 5.0 | | .600 | A 175J | 60.000 | G | 1UA | 40 | 140 | .005 |
| | 2N1586 | NS 210 | 5 | ETC,TII,TEC,HUG | 15 | | 1.0 | .025 | .125 | A 100J | 4.000 | B | 1UA | 15 | 16 | .001 |
| | 2N1587 | NS 210 | 5 | ETC,TII,TEC,HUG | 30 | | 1.0 | .025 | .125 | A 100J | 4.000 | B | 1UA | 30 | 16 | .001 |
| | 2N1588 | NS 210 | 5 | ETC,TII,TEC,HUG | 60 | | 1.0 | .025 | .125 | A 100J | 4.000 | B | 1UA | 60 | 16 | .001 |
| | 2N1589 | NS 210 | 5 | ETC,TII,TEC,HUG | 15 | | 1.0 | .025 | .125 | A 100J | 5.000 | B | 1UA | 15 | 39 | .001 |
| | 2N1590 | NS 210 | 5 | ETC,TII,TEC,HUG | 30 | | 1.0 | .025 | .125 | A 100J | 5.000 | B | 1UA | 30 | 39 | .001 |
| | 2N1591 | NS 210 | 5 | ETC,TII,TEC,HUG | 60 | | 1.0 | .025 | .125 | A 100J | 5.000 | B | 1UA | 60 | 39 | .001 |
| | 2N1592 | NS 210 | 5 | ETC,TII,TEC,HUG | 15 | | 1.0 | .025 | .125 | A 100J | 6.000 | B | 1UA | 15 | 129 | .001 |
| | 2N1593 | NS 210 | 5 | ETC,TII,TEC,HUG | 30 | | 1.0 | .025 | .125 | A 100J | 6.000 | B | 1UA | 30 | 129 | .001 |
| | 2N1594 | NS 210 | 5 | ETC,TII,TEC,HUG | 60 | | 1.0 | .025 | .125 | A 100J | 6.000 | B | 1UA | 60 | 129 | .001 |
| | 2N1605 | NG 212 | 5 | RCA,TAD,ETC,TII | 25 | 24 | 12.0 | .200 | .150 | A 100J | 4.000 | B | 5UA | 12 | 70 | |
| | 2N1605A | NG 212 | 5 | RCA,TAD,ETC | 40 | | 12.0 | .200 | .200 | A 100J | 4.000 | B | 10UA | 40 | 70 | |
| - | 2N1609 | PG 631 | 37 | DEL | 80 | 60 | 40.0 | 1.500 | 7.500 | C 100J | .017 | E | 100UA | 80 | 50 | |
| - | 2N1610 | PG 631 | 37 | DEL | 80 | 60 | 40.0 | 1.500 | 7.500 | C 100J | .015 | E | 100UA | 80 | 90 | |
| - | 2N1611 | PG 631 | 37 | DEL | 60 | 40 | 20.0 | 1.500 | 7.500 | C 100J | .017 | E | 100UA | 60 | 50 | |
| - | 2N1612 | PG 631 | 37 | DEL | 60 | 40 | 20.0 | 1.500 | 7.500 | C 100J | .015 | E | 100UA | 60 | 90 | |
| | 2N1613 | NS 211 | 5 | AMC,RCA,RAY,TII,MOT,TRW | 75 | 50R | 7.0 | 1.000 | .800 | A 200J | 60.000 | G | 10NA | 60 | 70 | .150 |
| | 2N1613A | NS 211 | 5 | RAY | 75 | 50R | 7.0 | | 1.000 | A 200J | 60.000 | G | 10NA | 60 | 70 | .150 |
| | 2N1613B | NS 211 | 5 | RAY | 125 | 50R | 7.0 | | 1.000 | A 200J | 60.000 | G | 10NA | 60 | 70 | .150 |
| | 2N1614 | PG 210 | 5 | ETC,RCA | 65 | 40R | 12.0 | .300 | .240 | A 85J | 1.500 | B | 25UA | 65 | 30 | |
| - | 2N1614+ | PG 57 B | | GEC | 65 | 40R | 12.0 | .300 | .240 | A 100J | .500 | B | 25UA | 25 | 26 | |
| | 2N1615 | NS 211 | 5 | ETC,TEC,HUG | 100 | 100 | 8.0 | .200 | .600 | A 175J | 2.000 | G | 2UA | 60 | 38 | .005 |
| | 2N1616 | NS 561 | 61 | AMF,TEC,SES,ETC,HUG,STC | 60 | 60 | 8.0 | 5.000 | 60.000 | C 150J | 3.000 | G | 10MA | 60 | 40 | 2.000 |
| | 2N1616A | NS 561 | 61 | SEN,HUG,STC | 60 | 60 | 10.0 | 7.500 | 85.000 | C 200J | 3.000 | G | 1MA | 80 | 35 | 2.000 |
| | 2N1617 | NS 561 | 61 | AMF,TEC,SES,ETC,HUG,STC | 80 | 70 | 8.0 | 5.000 | 60.000 | C 150J | 3.000 | G | 10MA | 80 | 40 | 2.000 |
| | 2N1617A | NS 561 | 61 | TEC,HUG,STC,SEN | 100 | 100 | | 7.500 | 85.000 | C 200J | 3.000 | G | 200UA | 80 | 36 | 2.000 |
| | 2N1618 | NS 561 | 61 | AMF,TEC,SES,ETC,HUG,STC | 100 | 100 | 8.0 | 5.000 | 60.000 | C 175C | 3.000 | G | 10MA | 100 | 36 | 2.000 |
| | 2N1618A | NS 561 | 61 | TEC,HUG,STC,SEN | 100 | 100 | | 7.500 | 85.000 | C 200J | 3.000 | G | 200UA | 100 | 36 | 2.000 |
| | 2N1620 | NS 561 | 61 | TEC,ETC,HUG,STC | 100 | 80 | 8.0 | 5.000 | 60.000 | C 175J | 3.000 | G | 1MA | 100 | 30 | 2.000 |
| | 2N1623 | PS 210 | 5 | HUG,ETC,NSC,SOL,CRY | 50 | 20 | 20.0 | .050 | .250 | A 160J | .100 | B | 1UA | 30 | 24 | .001 |
| | 2N1624 | NG 210 | 5 | ETC | 45 | | 15.0 | | .150 | A 100J | 5.000 | B | 10UA | 25 | 120 | |
| - | 2N1631 | PG 55 | 40 | RCA | 34 | | .5 | .010 | .080 | A 71A | 45.000 | B | 16UA | 12 | 80 | |
| | 2N1632 | PG 120 | 1 | RCA | 34 | | .5 | .010 | .080 | A 71A | 45.000 | B | 16UA | 12 | 80 | |
| - | 2N1633 | PG 55 | 40 | RCA | 134 | | .5 | .010 | .080 | A 71A | 40.000 | B | 16UA | 12 | 75 | |
| - | 2N1634 | PG 120 | 1 | RCA | 34 | | .5 | .010 | .080 | A 71A | 40.000 | B | 16UA | 12 | 75 | |
| - | 2N1635 | PG 55 | 40 | RCA | 34 | | .5 | .010 | .080 | A 71A | 45.000 | B | 16UA | 12 | 75 | |
| - | 2N1636 | PG 120 | 1 | RCA | 34 | | .5 | .010 | .080 | A 71A | 45.000 | B | 16UA | 12 | 75 | |
| | 2N1637 | PG 120 | 1 | RCA | 34 | | 1.5 | .010 | .080 | A 71A | 45.000 | B | 5UA | 12 | 80 | |
| | 2N1638 | PG 120 | 1 | RCA | 34 | | .5 | .010 | .080 | A 71A | 40.000 | B | 7UA | 12 | 75 | |
| | 2N1639 | PG 120 | 1 | RCA | 34 | | .5 | .010 | .080 | A 71A | 45.000 | B | 7UA | 12 | 75 | |
| | 2N1640 | PS 229 | 5 | CRY | 30 | 20 | 30.0 | .050 | .250 | A 160J | .400 | B | 10NA | 30 | 9 | .001 |
| | 2N1641 | PS 229 | 5 | CRY | 30 | 10 | 30.0 | .050 | .250 | A 160J | .800 | B | 10NA | 30 | 15 | .001 |
| | 2N1642 | PS 229 | 5 | CRY | 30 | 6 | 30.0 | .050 | .250 | A 160J | 1.200 | B | 100NA | 30 | 22 | .001 |
| | 2N1643 | NS 210 | 5 | SOL,HUG,CRY | 25 | 25 | 20.0 | | .400 | A | 1.000 | B | 1NA | | 16 | .001 |
| | 2N1644 | NS 211 | 5 | HUG | 60 | 40R | | | 2.000 | C 175J | 50.000 | G | | | 70 | .150 |
| - | 2N1646 | PG 171 S | | SYL | 15 | 12 | 2.0 | .050 | .150 | A 100J | HS SW | | 3UA | 5 | 40 | |
| | 2N1647 | NS 505 A | | TEC,ETC,HUG,STC | 80 | 60 | 6.0 | | 40.000 | C 175J | 10.000 | B | 100UA | 60 | 30 | .500 |
| | 2N1648 | NS 505 A | | TEC,ETC,HUG,STC | 120 | 80 | 6.0 | | 40.000 | C 175J | 10.000 | B | 100UA | 60 | 30 | .500 |
| | 2N1649 | NS 505 A | | TEC,ETC,HUG,STC | 80 | 60 | 6.0 | | 40.000 | C 175J | 10.000 | B | 100UA | 60 | 52 | .500 |
| | 2N1650 | NS 505 A | | TEC,ETC,HUG,STC | 120 | 80 | 6.0 | | 40.000 | C 175J | 10.000 | B | 100UA | 60 | 52 | .500 |
| | 2N1651 | PG 607 | 41 | SOL,ETC,MOT,HUG | 60 | 30 | 1.5 | 25.000 | 100.000 | C 110J | .010 | E | 300UA | 2 | 40 | 9.999 |
| | 2N1652 | PG 607 | 41 | SOL,ETC,MOT | 100 | 80 | 1.5 | 25.000 | 100.000 | C 110J | .010 | E | 300UA | 2 | 40 | 9.999 |
| | 2N1653 | PG 607 | 41 | SOL,ETC,MOT | 120 | 80 | 1.5 | 25.000 | 100.000 | C 110J | .010 | E | 300UA | 2 | 40 | 9.999 |
| | 2N1654 | NS 210 | 5 | SOL,HUG,CRY | 100 | 80 | 100.0 | .050 | .250 | A 160J | .100 | B | 1UA | 80 | 31 | .001 |
| | 2N1655 | NS 210 | 5 | SOL,HUG,CRY | 125 | 100 | 125.0 | .050 | .250 | A 160J | .100 | B | 1UA | 100 | 15 | .001 |
| | 2N1656 | NS 210 | 5 | SOL,HUG,CRY | 125 | 100 | 125.0 | .050 | .250 | A 160J | .100 | B | 1UA | 100 | 31 | .001 |
| - | 2N1658 | PG 490 A | | MHR | 80 | 50 | 40.0 | 3.000 | 15.000 | C 100J | .500 | G | 500UA | 80 | 60 | |
| | 2N1658/13 | PG 430 | 13 | KSC | 80 | 50S | | 1.000 | 15.000 | C 100J | .010 | E | | | 60 | .200 |
| - | 2N1659 | PG 490 A | | MHR | 60 | 40 | 40.0 | 3.000 | 15.000 | C 100J | .500 | G | 500UA | 40 | 60 | |
| | 2N1659/13 | PG 430 | 13 | KSC | 60 | 40S | | 1.000 | 15.000 | C 100J | .010 | E | | | 60 | .200 |
| - | 2N1667 | PG 605 | 3 | AMP | 60 | 48 | 20.0 | 8.000 | 43.000 | A 90J | .125 | B | 100UA | 14 | 90 | |
| - | 2N1668 | PG 605 | 3 | AMP | 60 | 48 | 20.0 | 8.000 | 43.000 | A 90J | .125 | B | 100UA | 14 | 50 | |
| - | 2N1669 | PG 605 | 3 | AMP | 80 | 60 | 40.0 | 8.000 | 43.000 | A 90J | .125 | B | 100UA | 14 | 66 | |
| | 2N1672 | NG 210 | 5 | ETC | 40 | 25 | 10.0 | | .120 | A 85J | 2.000 | B | 25UA | 40 | 30 | .001 |
| | 2N1672A | NG 210 | 5 | ETC | 40 | 25 | 10.0 | | .150 | A 85J | 2.000 | B | 25UA | 40 | 30 | .001 |
| - | 2N1673 | PG 217 | 33 | SYL | 35 | | .5 | .010 | .080 | A 85J | 20.000 | G | 50UA | 40 | 100 | |
| | 2N1674 | NS 210 | 5 | TEC,HUG | 45 | 45 | 2.0 | .025 | .200 | A 200A | 20.000 | G | 500NA | 45 | 75 | |
| | 2N1676 | PS 210 | 5 | SPR,HUG | 4 | 4 | 4.5 | .050 | .100 | A 140J | 16.000 | G | 100NA | 4 | 50 | |
| | 2N1677 | PS 210 | 5 | SPR,HUG | 4 | 4 | 4.5 | .050 | .100 | A 140J | 16.000 | G | 100NA | 4 | 50 | |
| - | 2N1678 | PG 170 | 9 | GTC | 60 | 60S | 4.0 | | .125 | A 85J | 25.000 | B | 5UA | 10 | 40 | |
| | 2N1681 | PG 210 | 5 | ETC | 30 | 15 | 20.0 | .200 | .180 | A 100J | 5.000 | B | 25UA | 30 | 60 | .010 |
| | 2N1683 | PG 210 | 5 | RCA | 13 | 12R | 4.0 | .100 | .150 | A 85J | 50.000 | G | 3UA | 6 | 76 | |
| - | 2N1684 | PG 212 | 47 | SYL | 25 | | 12.0 | .200 | .100 | A 100J | 4.000 | B | 5UA | 12 | | |
| - | 2N1685 | NG 212 | 47 | SYL | 25 | | 15.0 | .200 | .100 | A 100J | 8.000 | B | 10UA | 15 | 100 | |
| | 2N1690 | NS 461 | 57 | STC,SEN,HUG | 80 | 80 | | | 40.000 | C 200J | .090 | E | 250UA | 80 | 35 | .500 |
| | 2N1691 | NS 461 | 57 | STC,SEN,HUG | 120 | 120 | | | 40.000 | C 200J | .090 | E | 250UA | 120 | 35 | .500 |
| | 2N1692 | PG 546 | 102 | MOT | 25 | 25 | 3.0 | .250 | 3.000 | C 100J | 500.000 | G | 10UA | 10 | 3 | .050 |
| | 2N1693 | PG 546 | 102 | MOT | 25 | 25 | 2.0 | .250 | 3.000 | C 100J | 450.000 | G | 10UA | 10 | 3 | .050 |
| - | 2N1694 | NG 12 A | | GEC | 20 | 20 | 10.0 | .075 | .025 | A 85J | 3.000 | B | 1UA | 15 | 25 | |
| - | 2N1699 | NG 212 | 47 | SYL | 25 | 20R | 15.0 | .100 | .200 | A 100J | 8.000 | B | 10UA | 25 | 90 | |
| | 2N1700 | NS 211 | 5 | RCA,ETC,TEC,STC,SEN | 60 | 40 | 6.0 | 1.000 | 5.000 | C 200J | 1.200 | B | 75UA | 30 | 50 | |
| | 2N1701 | NS 171 | 8 | AMF,RCA,ETC,STC,HUG | 60 | 40 | 6.0 | 2.500 | 25.000 | C 200J | 1.000 | B | 100UA | 30 | 50 | |
| | 2N1702 | NS 605 | 3 | RCA,SOL,ETC,STC,HUG | 60 | 40 | 6.0 | 5.000 | 75.000 | C 200J | 1.000 | B | 200UA | 30 | 40 | |
| | 2N1703 | NS 405 | 36 | HUG | 60 | 40 | 6.0 | 5.000 | 75.000 | C 200J | .300 | B | 200UA | 30 | 30 | .800 |
| | 2N1704 | NS 211 | 5 | ETC | 45 | 45 | 5.0 | | .500 | A 100J | 12.500 | G | 10UA | 10 | 100 | .001 |
| | 2N1705 | PG 212 | 5 | MOT,ETC | 18 | 12R | 5.0 | .400 | .200 | A 100J | 4.000 | B | 10UA | 10 | 110 | |
| | 2N1706 | PG 212 | 5 | MOT,ETC | 25 | 18R | 5.0 | .400 | .200 | A 100J | 3.000 | B | 10UA | 10 | 90 | .010 |
| | 2N1707 | PG 212 | 5 | MOT,ETC | 30 | 25R | 10.0 | .400 | .200 | A 100J | 3.000 | B | 15UA | 25 | 90 | .020 |
| | 2N1708 | NS 211 | 46 | ITT,MOT,HUG,FSC | 25 | 12R | 3.0 | 2.000 | 1.000 | H 175C | 200.000 | G | 25NA | 15 | 40 | .010 |
| | 2N1709 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | 2N1710 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | 2N1711 | NS 211 | 5 | AMC,RCA,RAY,TII,MOT,TRW | 75 | 50R | 7.0 | 1.000 | .800 | A 200J | 70.000 | G | 10NA | 60 | 175 | |
| | 2N1711A | NS 211 | 5 | RAY,HUG | 75 | 50R | 7.0 | | 1.000 | A 200J | 70.000 | G | 10NA | 60 | 175 | .150 |
| | 2N1711B | NS 211 | 5 | RAY | 125 | 50R | 7.0 | | 1.000 | A 200J | 70.000 | G | 10NA | 60 | 175 | .150 |
| | 2N1714 | NS 211 | 5 | TII,SSP,TIL,TEC,HUG,SOL | 60 | 60 | 6.0 | .750 | .800 | A 175J | 16.000 | G | 2UA | 60 | 40 | |
| | 2N1715 | NS 211 | 5 | TII,SSP,TEC,HUG,TIL | 100 | 100 | 6.0 | .750 | .800 | A 175J | 16.000 | G | 2UA | 60 | 40 | |
| | 2N1716 | NS 211 | 5 | TII,SSP,TIL,TEC,HUG,SOL | 60 | 60 | 6.0 | .750 | .800 | A 175J | 16.000 | G | 2UA | 60 | 80 | |
| | 2N1717 | NS 211 | 5 | TII,SSP,TEC,HUG,TIL | 100 | 100 | 6.0 | .750 | .800 | A 175J | 16.000 | G | 2UA | 60 | 80 | |
| | 2N1718 | NS 541 D | | TII,SSP,TIL,TEC,HUG,SOL | 60 | 60 | 6.0 | .750 | 10.000 | H 175J | 16.000 | G | 2UA | 60 | 40 | |
| | 2N1719 | NS 541 D | | TII,SSP,TEC,HUG,TIL | 100 | 100 | 6.0 | .750 | 10.000 | H 175J | 16.000 | G | 2UA | 60 | 40 | |
| | 2N1720 | NS 541 D | | TII,SSP,TIL,TEC,HUG,SOL | 60 | 60 | 6.0 | .750 | 10.000 | H 175J | 16.000 | G | 2UA | 60 | 80 | |
| | 2N1721 | NS 541 D | | TII,SSP,TEC,HUG,TIL | 100 | 100 | 6.0 | .750 | 10.000 | H 175J | 16.000 | G | 2UA | 60 | 80 | |
| | 2N1722 | NS 731 | 53 | TII,STC,ETC,TEC,HUG,SEN | 120 | 80 | 10.0 | 5.000 | 50.000 | H 175J | 10.000 | G | 1MA | 60 | 56 | 2.000 |
| | 2N1722A | NS 731 | 53 | TII,STC,TEC,HUG | 180 | 120 | 10.0 | 5.000 | 50.000 | H 175J | 10.000 | G | 1MA | 3 | 60 | 2.000 |
| | 2N1723 | NS 731 | 53 | TII,STC,TEC,HUG | 120 | 80 | 10.0 | 5.000 | 50.000 | H 175J | 10.000 | G | 100NA | 3 | 100 | 2.000 |
| | 2N1724 | NS 561 | 61 | TII,WHE,STC,SES,ETC,FSC | 120 | 80 | 10.0 | 5.000 | 50.000 | H 175J | 10.000 | G | 1MA | 60 | 56 | 2.000 |
| | 2N1724A | NS 561 | 61 | TII,TEC,STC,SES,HUG | 180 | 120 | 10.0 | 5.000 | 50.000 | H 175J | 10.000 | G | 100NA | 3 | 60 | 2.000 |
| | 2N1725 | NS 561 | 61 | TEC,TII,SOL,STC,SES,MOT | 120 | 80 | 10.0 | 5.000 | 50.000 | H 175J | 10.000 | G | 1MA | 60 | 100 | 2.000 |
| | 2N1726 | PG 170 | 9 | SPR,ETC,HUG | 20 | 20S | 1.0 | .050 | .060 | A 100J | 100.000 | G | 10UA | 5 | 100 | |
| | 2N1727 | PG 170 | 9 | SPR,ETC,HUG | 20 | 20S | .5 | .050 | .060 | A 100J | 100.000 | G | 10UA | 5 | 40 | |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) Cond. | | | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ $I_C$(A) | |
| | 2N1728 | PG 170 | 9 | SPR,ETC | 20 | 20S | .5 | .050 | .060 | A | 100J | 100.000 | G | 10UA | 5 | 80 | |
| | 2N1742 | PG 170 | 9 | SPR,ETC,MOT,HUG | 20 | 20S | .5 | .050 | .060 | A | 107J | 980.000 | G | 10UA | 10 | 32 | |
| | 2N1743 | PG 170 | 9 | SPR,ETC,HUG | 20 | 20S | .5 | .050 | .060 | A | 107J | VHF CON | | 10UA | 10 | 32 | |
| | 2N1744 | PG 170 | 9 | SPR,ETC,HUG | 20 | 20S | .5 | .050 | .060 | A | 100J | VHF CON | | 10UA | 10 | 32 | |
| | 2N1745 | PG 170 | 9 | SPR,ETC,HUG | 20 | 20S | .5 | .050 | .060 | A | 100J | 200.000 | F | 10UA | 10 | 32 | |
| | 2N1746 | PG 170 | 9 | SPR,ETC,HUG | 20 | 20S | 1.0 | .050 | .060 | A | 100J | 100.000 | F | 10UA | 10 | 60 | .001 |
| | 2N1747 | PG 170 | 9 | SPR,ETC,HUG | 20 | 20S | .5 | .050 | .060 | A | 100J | FM IF | | 10UA | 10 | 60 | .001 |
| | 2N1748 | PG 170 | 9 | SPR,ETC,HUG | 25 | 25S | 1.0 | .050 | .060 | A | 100J | 80.000 | G | 10UA | 12 | 68 | .001 |
| | 2N1748A | PG 170 | 9 | SPR,ETC,HUG | 25 | 25S | .5 | .050 | .060 | A | 100J | 100.000 | G | 10UA | 12 | 88 | .001 |
| | 2N1749 | PG 170 | 9 | SPR,ETC,HUG | 40 | 40S | 1.0 | .050 | .075 | A | 100J | 80.000 | G | 10UA | 12 | 68 | .001 |
| | 2N1751 | PG 605 | 3 | SOL,MOT | 80 | 60 | 2.5 | 25.000 | 100.000 | C | 110J | 1.500 | B | 5MA | 80 | 60 | 20.000 |
| | 2N1752 | PG 170 | 9 | SPR,ETC,HUG | 12 | 12S | 2.0 | .050 | .060 | A | 100J | 50.000 | G | 10UA | 10 | 125 | |
| | 2N1754 | PG 170 | 9 | SPR,ETC,HUG | 13 | 13S | 2.0 | .100 | .050 | A | 85J | HS SW | | 5UA | 5 | 40 | .040 |
| | 2N1755 | PG 640 A | | KSC | 40 | 25 | 30.0 | 3.000 | 30.000 | C | 100J | .015 | E | 10MA | 38 | 48 | .500 |
| | 2N1756 | PG 640 A | | KSC | 60 | 40 | 30.0 | 3.000 | 30.000 | C | 100J | .015 | E | 10MA | 55 | 48 | .500 |
| | 2N1757 | PG 640 A | | KSC | 80 | 55 | 30.0 | 3.000 | 30.000 | C | 100J | .015 | E | 10MA | 70 | 48 | .500 |
| | 2N1758 | PG 640 A | | KSC | 100 | 65 | 30.0 | 3.000 | 30.000 | C | 100J | .015 | E | 10MA | 80 | 48 | .500 |
| | 2N1759 | PG 640 A | | KSC | 40 | 25 | 30.0 | 3.000 | 30.000 | C | 100J | .015 | E | 10MA | 38 | 98 | .500 |
| | 2N1760 | PG 640 A | | KSC | 60 | 40 | 30.0 | 3.000 | 30.000 | C | 100J | .015 | E | 10MA | 55 | 98 | .500 |
| | 2N1761 | PG 640 A | | KSC | 80 | 55 | 30.0 | 3.000 | 30.000 | C | 100J | .015 | E | 10MA | 70 | 98 | .500 |
| | 2N1762 | PG 640 A | | KSC | 100 | 65 | 30.0 | 3.000 | 30.000 | C | 100J | .015 | E | 10MA | 80 | 98 | .500 |
| | 2N1768 | NS 461 | 57 | TEC,STC,SEN | 60 | 40 | 12.0 | 3.000 | 40.000 | C | 200J | 1.250 | B | 15UA | 15 | 68 | |
| | 2N1769 | NS 461 | 57 | TEC,STC,SEN | 100 | 55 | 12.0 | 3.000 | 40.000 | C | 200J | 1.250 | B | 15UA | 15 | 68 | |
| - | 2N1779 | NG 212 | 54 | SYL | 25 | 20R | 15.0 | .100 | .100 | A | 100J | MS SW | | 10UA | 25 | 40 | |
| - | 2N1780 | NG 212 | 54 | SYL | 25 | 20R | 15.0 | .100 | .100 | A | 100J | 4.000 | B | 10UA | 25 | 70 | |
| - | 2N1781 | NG 212 | 54 | SYL | 25 | | 12.0 | .100 | .100 | A | 100J | 4.000 | B | 5UA | 12 | 80 | |
| - | 2N1782 | PG 212 | 54 | SYL | 30 | 20 | 20.0 | .100 | .100 | A | 100J | 5.000 | B | 6UA | 20 | 90 | |
| - | 2N1783 | PG 212 | 54 | SYL | 30 | 15 | 20.0 | .100 | .100 | A | 100J | 5.000 | B | 5UA | 12 | 60 | |
| - | 2N1784 | PG 212 | 47 | SYL | 30 | 20 | 12.0 | .200 | .100 | A | 100J | 10.000 | B | 25UA | 30 | 100 | |
| | 2N1785 | PG 170 | 9 | SPR,HUG | 10 | 10S | 1.0 | .050 | .045 | A | 100J | 50.000 | F | 10UA | 5 | 60 | .001 |
| | 2N1786 | PG 170 | 9 | SPR,HUG | 10 | 10S | .5 | .050 | .045 | A | 100J | 50.000 | F | 10UA | 5 | 22 | .001 |
| | 2N1787 | PG 170 | 9 | SPR,HUG | 15 | 15S | .5 | .050 | .045 | A | 100J | 50.000 | F | 10UA | 5 | 38 | .001 |
| | 2N1788 | PG 170 | 9 | SPR,HUG | 35 | 35S | 1.0 | .050 | .060 | A | 100J | 100.000 | F | 5UA | 12 | 75 | .001 |
| | 2N1789 | PG 170 | 9 | SPR,HUG | 35 | 35S | .5 | .050 | .060 | A | 100J | 100.000 | F | 7UA | 12 | 30 | .001 |
| | 2N1790 | PG 170 | 9 | SPR,HUG | 35 | 35S | .5 | .050 | .060 | A | 100J | 100.000 | F | 7UA | 12 | 60 | .001 |
| | 2N1808 | NG 212 | 5 | TII | 25 | 25 | 20.0 | .300 | .150 | A | 100J | 4.000 | B | 5UA | 15 | 120 | |
| | 2N1809 | NS 508 | 49 | WHE,SPC,SEN | 50 | 50 | 15.0 | 30.000 | 250.000 | C | 175J | .500 | G | 30MA | 50 | 14 | 10.000 |
| | 2N1810 | NS 508 | 49 | WHE,SPC,SEN | 100 | 100 | 15.0 | 30.000 | 250.000 | C | 175J | .500 | G | 30MA | 100 | 14 | 10.000 |
| | 2N1811 | NS 508 | 49 | WHE,SPC,SEN | 150 | 150 | 15.0 | 30.000 | 250.000 | C | 175J | .500 | G | 30MA | 120 | 14 | 10.000 |
| | 2N1812 | NS 508 | 49 | WHE,SPC,SEN | 200 | 200 | 15.0 | 30.000 | 250.000 | C | 175J | .500 | G | 30MA | 200 | 14 | 10.000 |
| | 2N1813 | NS 508 | 49 | WHE,SPC,SEN | 250 | 250 | 15.0 | 30.000 | 250.000 | C | 175J | .500 | G | 30MA | 250 | 14 | 10.000 |
| | 2N1814 | NS 508 | 49 | WHE,SPC,SEN | 300 | 300 | 15.0 | 30.000 | 250.000 | C | 175J | .500 | G | 30MA | 300 | 14 | 10.000 |
| | 2N1816 | NS 508 | 49 | WHE,SPC,SEN | 50 | 50 | 15.0 | 30.000 | 250.000 | C | 175 | .500 | G | 30MA | 50 | 14 | 15.000 |
| | 2N1817 | NS 508 | 49 | WHE,SPC,SEN | 100 | 100 | 15.0 | 30.000 | 250.000 | C | 175J | .500 | G | 30MA | 100 | 14 | 15.000 |
| | 2N1818 | NS 508 | 49 | WHE,SPC,SEN | 150 | 150 | 15.0 | 30.000 | 250.000 | C | 175J | .500 | G | 30MA | 150 | 14 | 15.000 |
| | 2N1819 | NS 508 | 49 | WHE,SPC,SEN | 200 | 200 | 15.0 | 30.000 | 250.000 | C | 175J | .500 | G | 30MA | 200 | 14 | 15.000 |
| | 2N1820 | NS 508 | 49 | WHE,SPC | 250 | 250 | 15.0 | 30.000 | 250.000 | H | 175J | .500 | G | 30MA | 250 | 14 | 15.000 |
| | 2N1823 | NS 508 | 49 | WHE,SPC,SEN | 50 | 50 | 15.0 | 30.000 | 250.000 | C | 175J | .500 | G | 30MA | 50 | 13 | 20.000 |
| | 2N1824 | NS 508 | 49 | WHE,SPC,SEN | 100 | 100 | 15.0 | 30.000 | 250.000 | C | 175J | .500 | G | 30MA | 100 | 13 | 20.000 |
| | 2N1825 | NS 508 | 49 | WHE,SPC,SEN | 150 | 150 | 15.0 | 30.000 | 250.000 | C | 175J | .500 | G | 30MA | 150 | 13 | 20.000 |
| | 2N1826 | NS 508 | 49 | WHE,SPC,SEN | 200 | 200 | 15.0 | 30.000 | 250.000 | C | 175J | .500 | G | 30MA | 200 | 13 | 20.000 |
| | 2N1830 | NS 508 | 49 | WHE,SPC,SEN | 50 | 50 | 15.0 | 30.000 | 250.000 | C | 175J | .500 | G | 30MA | 50 | 14 | 25.000 |
| | 2N1831 | NS 508 | 49 | WHE,SPC,SEN | 100 | 100 | 15.0 | 30.000 | 250.000 | C | 175J | .500 | G | 30MA | 100 | 14 | 25.000 |
| | 2N1832 | NS 508 | 49 | WHE,SPC,SEN | 150 | 150 | 15.0 | 30.000 | 250.000 | C | 175J | .500 | G | 30MA | 150 | 14 | 25.000 |
| | 2N1833 | NS 508 | 49 | WHE,SPC,SEN | 200 | 200 | 15.0 | 30.000 | 250.000 | C | 175J | .500 | G | 30MA | 200 | 14 | 25.000 |
| | 2N1837 | NS 211 | 5 | TRW,ETC,HUG | 80 | 30 | 8.0 | .500 | .600 | A | 175J | 140.000 | G | 500NA | 30 | 70 | .150 |
| | 2N1837A | NS 211 | 5 | TRW,HUG | 80 | 30 | 8.0 | .500 | .800 | A | 175J | 140.000 | G | 500NA | 30 | 70 | .150 |
| | 2N1838 | NS 211 | 5 | TRW,ETC,HUG | 45 | 30R | 5.0 | .500 | .600 | A | 175J | 90.000 | G | 2UA | 30 | 80 | .100 |
| | 2N1839 | NS 211 | 5 | TRW,HUG | 45 | 30R | 4.5 | | 2.800 | C | | 90.000 | G | 2UA | 30 | 24 | .100 |
| | 2N1840 | NS 211 | 5 | TRW,HUG | 25 | 20R | 5.0 | | 2.000 | C | | 90.000 | G | 300UA | 10 | 20 | .150 |
| - | 2N1853 | PG 210 | 5 | RCA | 18 | 6 | 2.0 | .100 | .150 | A | 85J | LS SW | | 4UA | 15 | 160 | |
| - | 2N1854 | PG 210 | 5 | RCA | 18 | 6 | 2.0 | .100 | .150 | A | 85J | 40.000 | G | 4UA | 15 | 180 | |
| | 2N1864 | PG 170 | 9 | SPR,ETC,HUG | 20 | 20S | .5 | .050 | .060 | A | 100J | 50.000 | F | 10UA | 5 | 20 | |
| | 2N1865 | PG 170 | 9 | SPR,ETC,HUG | 20 | 20S | .5 | .050 | .060 | A | 100J | 180.000 | G | 10UA | 10 | 60 | |
| | 2N1866 | PG 170 | 9 | SPR,ETC,HUG | 35 | 35S | .5 | .050 | .060 | A | 100J | 180.000 | G | 10UA | 10 | 60 | |
| | 2N1867 | PG 170 | 9 | SPR,ETC,HUG | 35 | 35S | .5 | .050 | .060 | A | 100J | 180.000 | G | 10UA | 10 | 20 | |
| | 2N1868 | PG 170 | 9 | SPR,ETC,HUG | 20 | 20S | .5 | .050 | .060 | A | 100J | 400.000 | G | 10UA | 10 | 32 | |
| | 2N1886 | NS 561 | 59 | ETC,TEC,HUG,STC | 60 | 60 | 6.0 | 3.000 | 40.000 | C | 175J | | | 350UA | 60 | 40 | .500 |
| | 2N1889 | NS 211 | 5 | AMC,TII,TRW,SOL,SES,ETC | 100 | 60 | 7.0 | | .800 | A | 200J | 50.000 | G | 10NA | 75 | 80 | .150 |
| | 2N1890 | NS 211 | 5 | AMC,TIL,RAY,TII,TRW,SES | 100 | 60 | 7.0 | | .800 | A | 200J | 60.000 | G | 10NA | 75 | 160 | .150 |
| | 2N1893 | NS 211 | 5 | AMC,RAY,TII,TRW,RCA,SES | 120 | 100R | 7.0 | | .800 | A | 200J | 5.000 | G | 10NA | 90 | 80 | .150 |
| | 2N1893A | NS 211 | 5 | TRW,RAY | 140 | 80 | 7.0 | .500 | .800 | A | 200J | 100.000 | G | 10NA | 90 | 90 | .150 |
| | 2N1899 | NS 414 | 81 | TRW,HUG | 140 | 50 | 5.0 | 10.000 | 125.000 | C | 150J | 50.000 | G | 25MA | 140 | 50 | 5.000 |
| | 2N1900 | NS 414 | 81 | TRW,HUG | 140 | 50 | 5.0 | 10.000 | 125.000 | C | 150J | 50.000 | G | 25MA | 140 | 16 | 10.000 |
| | 2N1901 | NS 414 | 81 | TRW,HUG | 140 | 50 | 5.0 | 10.000 | 125.000 | C | 150J | 50.000 | G | 25MA | 140 | 60 | 7.000 |
| | 2N1902 | NS 560 | 61 | TRW,HUG | 140 | 50 | 5.0 | 10.000 | 125.000 | C | 150J | 50.000 | G | 25MA | 140 | 50 | 5.000 |
| | 2N1903 | NS 560 | 61 | TRW,HUG | 140 | 50 | 5.0 | 10.000 | 125.000 | C | 150J | 50.000 | G | 25MA | 140 | 16 | 10.000 |
| | 2N1904 | NS 560 | 61 | TRW,HUG | 140 | 50 | 5.0 | 10.000 | 125.000 | C | 150J | 50.000 | G | 25MA | 140 | 60 | 7.000 |
| | 2N1905 | PG 605 | 3 | RCA | 60 | 40 | 1.0 | 10.000 | 50.000 | C | 100J | .075 | E | 500UA | 40 | 100 | |
| | 2N1906 | PG 605 | 3 | RCA | 100 | 40 | 1.0 | 10.000 | 50.000 | C | 100J | .075 | E | 500UA | 40 | 130 | |
| | 2N1907 | PG 605 | 3 | TII,TIL | 100 | 40 | 1.5 | 20.000 | 60.000 | C | 100J | 10.000 | G | 10MA | 100 | 100 | |
| | 2N1908 | PG 605 | 3 | TII,TIL | 130 | 50 | 1.5 | 20.000 | 60.000 | C | 100J | 10.000 | G | 10MA | 130 | 100 | |
| | 2N1917 | PS 210 | 5 | SSD,SOL,HUG,CRY | 25 | 8 | 25.0 | .050 | .250 | A | 175J | 16.000 | G | 2NA | 4 | 50 | |
| | 2N1918 | PS 210 | 5 | SSD,SOL,HUG,CRY | 25 | 8 | 25.0 | .050 | .250 | A | 175J | 10.000 | G | 2NA | 4 | 50 | |
| | 2N1919 | PS 210 | 5 | SSD,SOL,HUG,CRY | 40 | 18 | 40.0 | .050 | .250 | A | 150A | 1.000 | B | | | | |
| | 2N1920 | PS 210 | 5 | SSD,SOL,HUG,CRY | 40 | 18 | 40.0 | .050 | .250 | A | 150A | 1.000 | B | | | | |
| | 2N1921 | PS 210 | 5 | SSD,NSC,SOL,HUG,CRY | 50 | 50 | 50.0 | .050 | .250 | A | 150A | 1.000 | B | | | | |
| | 2N1922 | PS 210 | 5 | SSD,SOL,HUG,CRY | 80 | 80 | 80.0 | .050 | .250 | A | 150A | 1.000 | B | | | | |
| | 2N1924 | PG 212 | 5 | CSF,GEC,TAD,ETC,MOT,SES | 60 | 40R | 25.0 | .500 | .225 | A | 85J | 1.000 | B | 10UA | 45 | 50 | |
| | 2N1925 | PG 212 | 5 | CSF,GEC,TAD,ETC,MOT,SES | 60 | 40R | 25.0 | .500 | .225 | A | 85J | 1.300 | B | 10UA | 45 | 70 | |
| | 2N1926 | PG 212 | 5 | CSF,GEC,TAD,ETC,MOT | 60 | 40R | 25.0 | .500 | .225 | A | 85J | 1.500 | B | 10UA | 45 | 96 | |
| | 2N1936 | NS 561 | 63 | TEC,SES,HUG,TII | 125 | 60 | 6.0 | 20.000 | 150.000 | H | 175J | 20.000 | G | 10MA | 120 | 30 | |
| | 2N1937 | NS 561 | 63 | TEC,SES,HUG,TII | 125 | 80 | 6.0 | 20.000 | 150.000 | H | 175J | 20.000 | G | 10MA | 120 | 30 | |
| | 2N1954 | PG 210 | 5 | ETC | 60 | 30 | 20.0 | | .200 | A | 100J | | | 20UA | 30 | 60 | .020 |
| | 2N1955 | PG 210 | 5 | ETC | 60 | 30 | 20.0 | | .200 | A | 100J | | | 20UA | 30 | 100 | .020 |
| | 2N1956 | PG 210 | 5 | ETC | 60 | 45 | 20.0 | | .200 | A | 100J | | | 20UA | 30 | 60 | .020 |
| | 2N1957 | PG 210 | 5 | ETC | 60 | 60 | 20.0 | | .200 | A | 100J | | | 20UA | 30 | 60 | .020 |
| | 2N1958 | NS 211 | 5 | TEC,HUG | 60 | 40R | 5.0 | .500 | .600 | A | 175J | 100.000 | G | 5UA | 30 | 32 | |
| - | 2N1958/18 | NS 211 | 18 | SYL | 60 | 40 | 5.0 | .500 | .300 | A | 175J | 100.000 | G | 500NA | 30 | 32 | |
| | 2N1958A | NS 211 | 5 | TEC,ETC,HUG | 60 | 40R | 5.0 | 1.000 | .600 | A | 175J | 100.000 | G | 200NA | 30 | 40 | .150 |
| - | 2N1958A/51 | NS 909 | 51 | SYL | 60 | 40R | 5.0 | 1.000 | .300 | A | 175J | 100.000 | G | 200NA | 30 | 40 | |
| | 2N1959 | NS 211 | 5 | TEC,GIC,MOT,ETC,HUG | 60 | 40R | 5.0 | .500 | .600 | A | 175J | 100.000 | G | 5UA | 30 | 70 | .150 |
| - | 2N1959/18 | NS 211 | 18 | SYL | 60 | 40 | 5.0 | .500 | .300 | A | 175J | 100.000 | G | 500NA | 30 | 80 | |
| | 2N1959A | NS 211 | 5 | TEC,ETC | 60 | 40R | 5.0 | 1.000 | .600 | A | 175J | 100.000 | G | 200NA | 30 | 80 | .150 |
| - | 2N1959A/51 | NS 909 | 51 | SYL | 60 | 40R | 5.0 | 1.000 | .300 | A | 175J | 100.000 | G | 200NA | 30 | 80 | |
| - | 2N1960 | PG 211 | 46 | SYL | 15 | 15 | 2.5 | 1.200 | .150 | A | 100J | HS SW | | 3UA | 5 | 50 | |
| - | 2N1961 | PG 211 | 46 | SYL | 12 | 12 | 1.0 | .200 | .150 | A | 100J | HS SW | | 3UA | 5 | 40 | |
| - | 2N1962 | NS 211 | 46 | SYL | 40 | 20 | 5.0 | .200 | .400 | A | 175J | 200.000 | G | 250NA | 25 | 40 | |
| - | 2N1963 | NS 211 | 46 | SYL | 30 | 15 | 5.0 | .200 | .400 | A | 175J | 200.000 | G | 250NA | 25 | 50 | |
| - | 2N1964 | NS 211 | 46 | SYL | 60 | 40R | 5.0 | .500 | .400 | A | 175J | 100.000 | G | 500NA | 30 | 32 | |
| - | 2N1965 | NS 211 | 46 | SYL | 60 | 40R | 5.0 | .500 | .400 | A | 175J | 100.000 | G | 500NA | 30 | 80 | |
| - | 2N1969 | PG 210 | 5 | SYL | 30 | 15 | 20.0 | .400 | .150 | A | 100J | 10.000 | B | 25UA | 30 | 120 | |
| | 2N1970 | PG 405 | 36 | DEL,MOT,ETC,SOL,HUG | 100 | 50 | 40.0 | 15.000 | 140.000 | C | 110J | .010 | E | 4MA | 100 | 30 | 5.000 |
| | 2N1971 | PG 605 | 3 | DEL,HUG,SOL | 80 | | 40.0 | 4.000 | 50.000 | C | 100J | .025 | E | 2MA | 60 | 42 | |
| | 2N1972 | NS 211 | 5 | TRW,HUG | 60 | 30R | 5.0 | .150 | .600 | A | 175J | 50.000 | G | 1UA | 30 | 200 | .050 |
| | 2N1973 | NS 211 | 5 | AMC,TII,TRW,NSC,TEC,HUG | 100 | 60 | 7.0 | | .800 | A | 200J | 60.000 | G | 25NA | 75 | 140 | .010 |
| | 2N1974 | NS 211 | 5 | AMC,TII,TRW,SOL,NSC,TEC | 100 | 60 | 7.0 | | .800 | A | 200J | 50.000 | G | 25NA | 75 | 70 | .010 |
| | 2N1975 | NS 211 | 5 | AMC,TII,TRW,SOL,NSC,TEC | 100 | 60 | 7.0 | | .800 | A | 200J | 40.000 | G | 25NA | 75 | 36 | .010 |
| | 2N1980 | PG 405 | 36 | MOT,ETC,SOL,HUG | 50 | 30 | 20.0 | 15.000 | 170.000 | C | 110J | .003 | E | 6MA | 50 | 74 | 5.000 |
| | 2N1981 | PG 405 | 36 | MOT,ETC,SOL,HUG | 70 | 40 | 20.0 | 15.000 | 170.000 | C | 110J | .003 | E | 6MA | 70 | 74 | 5.000 |
| | 2N1982 | PG 405 | 36 | MOT,ETC,SOL,HUG | 90 | 50 | 20.0 | 15.000 | 170.000 | C | 110J | .003 | E | 6MA | 90 | 74 | 5.000 |
| | 2N1983 | NS 211 | 5 | FSC,TEC,TRW,ETC,MOT,HUG | 50 | 25 | 5.0 | 1.000 | .600 | A | 150J | 40.000 | G | 5UA | 30 | 140 | |
| | 2N1984 | NS 211 | 5 | FSC,TEC,TRW,ETC,MOT,HUG | 50 | 25 | 5.0 | 1.000 | .600 | A | 150J | 40.000 | G | 5UA | 30 | 70 | |
| | 2N1985 | NS 211 | 5 | FSC,TEC,TRW,ETC,HUG | 50 | 25 | 5.0 | 1.000 | .600 | A | 150J | 40.000 | G | 5UA | 30 | 30 | |
| | 2N1986 | NS 211 | 5 | FSC,TEC,GIC,TRW,ETC,HUG | 50 | 25 | 5.0 | | .600 | A | 150J | 40.000 | G | 5UA | 30 | 140 | .150 |
| | 2N1987 | NS 211 | 5 | CSF,FSC,TEC,GIC,TRW,ETC | 50 | 25 | 5.0 | | .600 | A | 150J | 40.000 | G | 5UA | 30 | 50 | .150 |
| | 2N1988 | NS 211 | 5 | FSC,TEC,GIC,TRW,ETC,HUG | 100 | 45 | 5.0 | 1.000 | .600 | A | 150J | 40.000 | G | 25UA | 50 | 70 | .030 |
| | 2N1989 | NS 211 | 5 | FSC,TEC,GIC,TRW,ETC,HUG | 100 | 45 | 5.0 | 1.000 | .600 | A | 150J | 40.000 | G | 5UA | 50 | 40 | .030 |
| | 2N1990 | NS 211 | 5 | FSC,RAY,GIC,TRW,AMP,SES | 100 | 45 | 5.0 | 1.000 | .600 | A | 150J | 40.000 | G | 10UA | 75 | 40 | .030 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ $I_C$(A) | |
| - | 2N1990/46 | NS 211 | 46 | SYL | 100 | | 3.0 | | .400 | A | 150 | J | | 10UA | 75 | 40 | .150 |
| | 2N1991 | PS 211 | 5 | HUG,MOT,SES,TEC,FSC,ITT | 30 | 20 | 5.0 | | .600 | A | 150 | J | 40.000 G | 5UA | 10 | 38 | .150 |
| | 2N1993 | NG 210 | 5 | TII | 30 | 18 | 30.0 | .300 | .300 | A | 100 | J | 3.000 B | 10UA | 30 | 150 | |
| | 2N1994 | NG 212 | 5 | TII | 30 | 30 | 30.0 | .300 | .150 | A | 85 | J | 3.000 B | 6UA | 20 | 26 | |
| | 2N1995 | NG 212 | 5 | TII | 25 | 25 | 25.0 | .300 | .150 | A | 85 | J | 5.000 B | 6UA | 20 | 36 | |
| | 2N1996 | NG 212 | 5 | TII | 20 | 20 | 20.0 | .300 | .150 | A | 85 | J | 8.000 B | 6UA | 20 | 50 | |
| | 2N1997 | PG 210 | 5 | TII | 45 | 40 | 45.0 | .500 | .250 | A | 100 | J | 3.000 B | 6UA | 15 | 120 | |
| | 2N1998 | PG 210 | 5 | TII | 35 | 35 | 30.0 | .500 | .250 | A | 100 | J | 5.000 B | 6UA | 15 | 150 | |
| | 2N1999 | PG 210 | 5 | TII | 30 | 20 | 20.0 | .500 | .250 | A | 100 | J | 8.000 B | 6UA | 15 | 220 | |
| | 2N2000 | PG 210 | 5 | TII,ETC | 50 | 20 | 20.0 | 1.000 | .300 | A | 100 | J | 2.000 B | 10UA | 30 | 150 | .100 |
| | 2N2001 | PG 210 | 5 | TII,ETC | 30 | 20 | 20.0 | 1.000 | .300 | A | 100 | J | 6.000 B | 6UA | 15 | 200 | .100 |
| | 2N2002 | PS 210 | 5 | SOL,HUG,CRY | 30 | 5 | 30.0 | .100 | .250 | A | 175 | J | | 10NA | 5 | | |
| | 2N2003 | PS 210 | 5 | SOL,HUG,CRY | 30 | 5 | 30.0 | .100 | .250 | A | 175 | J | | 30NA | 5 | | |
| | 2N2004 | PS 210 | 5 | SOL,HUG,CRY | 50 | 15 | 50.0 | .100 | .250 | A | 175 | J | | 2NA | 10 | | |
| | 2N2005 | PS 210 | 5 | SOL,HUG,CRY | 50 | 15 | 50.0 | .100 | .250 | A | 175 | J | | 50NA | 10 | | |
| | 2N2006 | PS 210 | 5 | SOL,HUG,CRY | 60 | 35 | 60.0 | .100 | .250 | A | 175 | J | | 20NA | 30 | | |
| | 2N2007 | PS 210 | 5 | SOL,HUG,CRY | 60 | 35 | 60.0 | .100 | .250 | A | 175 | J | | 50NA | 30 | | |
| - | 2N2008 | NS 211 | 5 | FSC,HUG | 175 | 110 | 8.0 | .500 | .800 | A | 200 | J | 40.000 G | 50NA | 100 | 80 | |
| | 2N2015 | NS 405 | 36 | RCA | 100 | 50 | 10.0 | 10.000 | 150.000 | C | 200 | J | .012 E | 2MA | 100 | 26 | |
| | 2N2016 | NS 405 | 36 | RCA | 130 | 65 | 10.0 | 10.000 | 150.000 | C | 200 | J | .012 E | 2MA | 130 | 26 | |
| | 2N2017 | NS 211 | 5 | NSC,TEC,HUG | 60 | 60 | 8.0 | | 1.000 | A | 200 | J | AUD | 10UA | 30 | 100 | |
| | 2N2018 | NS 510 A | | TEC,HUG | 150 | 150X | 6.0 | 2.000 | 40.000 | C | 175 | A | 2.000 G | 100UA | 100 | 35 | .500 |
| | 2N2019 | NS 510 A | | TEC,HUG | 200 | 200X | 6.0 | 2.000 | 40.000 | C | 175 | A | 2.000 G | 100UA | 100 | 35 | .500 |
| | 2N2020 | NS 510 A | | TEC,HUG | 150 | 125 | 6.0 | 2.000 | 40.000 | C | 175 | A | 2.000 G | 100UA | 100 | 62 | .500 |
| | 2N2021 | NS 510 A | | TEC,HUG | 200 | 140 | 6.0 | 2.000 | 40.000 | C | 175 | A | 2.000 G | 100UA | 100 | 62 | .500 |
| | 2N2032 | NS 730 | 53 | TEC,HUG,STC,SEN | 45 | 45 | | 5.000 | 85.000 | C | 200 | J | .020 E | 20MA | 45 | 40 | 2.000 |
| | 2N2033 | NS 211 | 5 | SOL,HUG,SEN,STC | 80 | 60 | 10.0 | 3.000 | 5.000 | C | 200 | C | 1.000 G | 150UA | 80 | 35 | .500 |
| | 2N2034 | NS 211 | 5 | SOL,HUG,STC,SEN | 80 | 60 | 10.0 | 3.000 | 5.000 | C | 200 | C | 1.000 G | 150UA | 80 | 35 | .100 |
| | 2N2035 | NS 171 | 8 | AMF,ETC,HUG,STC,SEN | 80 | 60 | 10.0 | 3.000 | 25.000 | C | 200 | J | .020 E | 120UA | 80 | 40 | |
| | 2N2036 | NS 631 | 37 | STC | 80 | 60 | 10.0 | 3.000 | 17.500 | C | 200 | J | LS SW | 150UA | 80 | 40 | |
| | 2N2038 | NS 211 | 5 | TEC,HUG | 45 | 45 | 4.0 | .500 | .600 | H | 200 | A | 2.000 G | 100UA | 45 | 21 | .200 |
| | 2N2039 | NS 211 | 5 | TEC,HUG | 75 | 75 | 4.0 | .500 | .600 | H | 200 | A | 2.000 G | 100UA | 75 | 21 | .200 |
| | 2N2040 | NS 211 | 5 | TEC,HUG | 45 | 45 | 4.0 | .500 | .600 | H | 200 | A | 2.000 G | 100UA | 45 | 52 | .200 |
| | 2N2041 | NS 211 | 5 | TEC,HUG | 75 | 75 | 4.0 | .500 | .600 | H | 200 | A | 2.000 G | 100UA | 75 | 52 | .200 |
| | 2N2042 | PG 210 | 5 | MOT | 105 | 105S | 75.0 | .200 | .200 | A | 100 | J | .500 B | 25UA | 105 | 40 | .001 |
| | 2N2042A | PG 210 | 5 | MOT | 105 | 105S | 75.0 | .200 | .200 | A | 100 | J | .500 B | 25UA | 105 | 40 | .001 |
| | 2N2043 | PG 210 | 5 | MOT | 105 | 105S | 75.0 | .200 | .200 | A | 100 | J | .750 B | 25UA | 105 | 90 | .001 |
| | 2N2043A | PG 210 | 5 | MOT | 105 | 105S | 75.0 | .200 | .200 | A | 100 | J | .750 B | 25UA | 105 | 90 | .001 |
| | 2N2048 | PG 170 | 9 | SPR,ETC,HUG | 20 | 15 | 2.0 | .100 | .150 | A | 100 | J | 150.000 G | 5UA | 5 | 160 | |
| | 2N2049 | NS 211 | 5 | SES,RAY,HUG,FSC | 75 | 50R | 7.0 | | .800 | A | 200 | J | 60.000 G | 10NA | 60 | 160 | .150 |
| | 2N2061 | PG 605 | 3 | ETC | 20 | 15S | 10.0 | 3.000 | 75.000 | C | 100 | J | | 10MA | 20 | 15 | 2.000 |
| | 2N2061A | PG 605 | 3 | ETC | 20 | 15 | 10.0 | 5.000 | 90.000 | C | 100 | J | .005 E | 2MA | 20 | 35 | 2.000 |
| | 2N2062 | PG 605 | 3 | ETC | 20 | 15S | 10.0 | 3.000 | 75.000 | C | 100 | J | | 10MA | 20 | 30 | 2.000 |
| | 2N2062A | PG 605 | 3 | ETC | 20 | 15 | 10.0 | 5.000 | 90.000 | C | 100 | J | .001 E | 2MA | 20 | 85 | 2.000 |
| | 2N2063 | PG 605 | 3 | ETC | 40 | 30S | 20.0 | 3.000 | 75.000 | C | 100 | J | | 20MA | 40 | 15 | 2.000 |
| | 2N2063A | PG 605 | 3 | ETC | 40 | 20 | 20.0 | 5.000 | 90.000 | C | 100 | J | .005 E | 2MA | 40 | 35 | 2.000 |
| | 2N2064 | PG 605 | 3 | ETC | 40 | 30S | 20.0 | 3.000 | 75.000 | C | 100 | J | | 20MA | 40 | 30 | 2.000 |
| | 2N2064A | PG 605 | 3 | ETC | 40 | 20 | 20.0 | 5.000 | 90.000 | C | 100 | J | .001 E | 2MA | 40 | 85 | 2.000 |
| | 2N2065 | PG 605 | 3 | ETC | 80 | 60S | 30.0 | 3.000 | 75.000 | C | 100 | J | | 20MA | 80 | 15 | 2.000 |
| | 2N2065A | PG 605 | 3 | ETC | 80 | 40 | 30.0 | 5.000 | 90.000 | C | 100 | J | .005 E | 5MA | 80 | 35 | 2.000 |
| | 2N2066 | PG 605 | 3 | ETC | 80 | 60S | 30.0 | 3.000 | 75.000 | C | 100 | J | | 20MA | 80 | 30 | 2.000 |
| | 2N2066A | PG 605 | 3 | ETC | 80 | 40 | 30.0 | 5.000 | 90.000 | C | 100 | J | .001 E | 5MA | 80 | 85 | 2.000 |
| | 2N2067 | PG 640 A | | KSC | 40 | 25 | 20.0 | 3.000 | 10.000 | H | 95 | S | .007 E | 3MA | 40 | 45 | .500 |
| | 2N2068 | PG 640 A | | KSC | 80 | 55 | 20.0 | 3.000 | 10.000 | H | 95 | S | .007 E | 3MA | 80 | 45 | .500 |
| | 2N2075 | PG 405 | 36 | MOT,ETC,DEL,SOL,HUG | 80 | 65 | 40.0 | 15.000 | 170.000 | C | 110 | J | .005 E | 15MA | 80 | 50 | 1.200 |
| | 2N2075A | PG 405 | 36 | MOT | 80 | 65 | 40.0 | 15.000 | 170.000 | C | 110 | J | .005 E | 15MA | 80 | 50 | 1.200 |
| | 2N2076 | PG 405 | 36 | MOT,ETC,DEL,SOL,HUG | 70 | 55 | 35.0 | 15.000 | 170.000 | C | 110 | J | .005 E | 15MA | 70 | 50 | 1.200 |
| | 2N2076A | PG 405 | 36 | MOT | 70 | 55 | 35.0 | 15.000 | 170.000 | C | 110 | J | .005 E | 15MA | 70 | 50 | 1.200 |
| | 2N2077 | PG 405 | 36 | MOT,ETC,DEL,SOL,HUG | 50 | 45 | 25.0 | 15.000 | 170.000 | C | 110 | K | .005 E | 15MA | 50 | 50 | 1.200 |
| | 2N2077A | PG 405 | 36 | MOT | 50 | 45 | 25.0 | 15.000 | 170.000 | C | 110 | J | .005 E | 15MA | 50 | 50 | 1.200 |
| | 2N2078 | PG 405 | 36 | MOT,ETC,DEL,SOL,HUG | 40 | 25 | 20.0 | 15.000 | 170.000 | C | 110 | J | .005 E | 15MA | 40 | 50 | 1.200 |
| | 2N2078A | PG 405 | 36 | MOT | 40 | 25 | 20.0 | 15.000 | 170.000 | C | 110 | J | .005 E | 15MA | 40 | 50 | 1.200 |
| | 2N2079 | PG 405 | 36 | MOT,ETC,DEL,SOL,HUG | 80 | 65 | 40.0 | 15.000 | 170.000 | C | 110 | J | .005 E | 15MA | 80 | 80 | 1.200 |
| | 2N2079A | PG 405 | 36 | MOT | 80 | 65 | 40.0 | 15.000 | 170.000 | C | 110 | J | .005 E | 15MA | 80 | 80 | 1.200 |
| | 2N2080 | PG 405 | 36 | MOT,ETC,DEL,SOL,HUG | 70 | 55 | 35.0 | 15.000 | 170.000 | C | 110 | J | .005 E | 15MA | 70 | 80 | 1.200 |
| | 2N2080A | PG 405 | 36 | MOT | 70 | 55 | 35.0 | 15.000 | 170.000 | C | 110 | J | .005 E | 15MA | 70 | 80 | 1.200 |
| | 2N2081 | PG 405 | 36 | MOT,ETC,DEL,SOL,HUG | 50 | 45 | 25.0 | 15.000 | 170.000 | C | 110 | J | .005 E | 15MA | 50 | 80 | 1.200 |
| | 2N2081A | PG 405 | 36 | MOT | 50 | 45 | 25.0 | 15.000 | 170.000 | C | 110 | J | .005 E | 15MA | 50 | 80 | 1.200 |
| | 2N2082 | PG 405 | 36 | MOT,ETC,DEL,SOL,HUG | 40 | 25 | 20.0 | 15.000 | 170.000 | C | 110 | J | .005 E | 15MA | 40 | 80 | 1.200 |
| | 2N2082A | PG 405 | 36 | MOT | 40 | 25 | 20.0 | 15.000 | 170.000 | C | 110 | J | .005 E | 15MA | 40 | 80 | 1.200 |
| | 2N2084 | PG 217 | 33 | AMP | 40 | 40 | 1.0 | .010 | .125 | A | 90 | J | 100.000 B | 8UA | 6 | 140 | |
| | 2N2086 | NS 211 | 5 | ETC | 120 | 80R | 5.0 | .500 | .600 | A | 175 | J | 150.000 G | 2UA | 60 | 30 | .150 |
| | 2N2089 | PG 75 | 7 | AMP | 20 | 20R | 1.0 | .010 | .083 | A | 75 | J | 44.000 G | 8UA | 6 | 150 | |
| - | 2N2090 | PG 75 | 7 | AMP | 20 | 20 | 1.0 | .010 | .083 | A | 75 | J | 44.000 G | 8UA | 6 | 150 | |
| - | 2N2091 | PG 75 | 7 | AMP | 20 | 20 | 1.0 | .010 | .083 | A | 75 | J | 44.000 G | 8UA | 6 | 150 | |
| | 2N2092 | PG 75 | 7 | AMP | 25 | 25R | 1.0 | .010 | .100 | A | 85 | J | 30.000 G | 8UA | 6 | 150 | |
| - | 2N2093 | PG 75 | 7 | AMP | 25 | 25R | 2.0 | .010 | .100 | A | 85 | J | 30.000 G | 8UA | 6 | 150 | |
| | 2N2095 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N2096 | PG 211 P | | MOT | 25 | 25 | 4.0 | .500 | .500 | A | 100 | J | HS SW | 12UA | 12 | 50 | .200 |
| | 2N2097 | PG 211 P | | MOT | 40 | 20 | 4.0 | .500 | .500 | A | 100 | J | 150.000 G | 12UA | 15 | 50 | .400 |
| | 2N2098 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N2099 | PG 210 | 5 | MOT | 25 | 12 | 4.0 | .500 | .300 | A | 100 | J | HS SW | 12UA | 12 | 35 | .400 |
| | 2N2100 | PG 210 | 5 | MOT | 40 | 20 | 4.0 | .500 | .300 | A | 100 | J | HS SW | 12UA | 15 | 50 | .400 |
| | 2N2101 | NS 561 | 61 | SOL,AMF,ETC | 60 | 40 | 10.0 | 3.000 | 75.000 | C | 200 | J | .020 E | 30UA | 1 | 30 | 1.000 |
| | 2N2102 | NS 211 | 5 | RCA,RAY,TII,TRW,TEC,HUG | 120 | 65 | 7.0 | 1.000 | 1.000 | A | 200 | J | 60.000 G | 2NA | 60 | 70 | .150 |
| | 2N2102A | NS 211 | 5 | RAY,TII,HUG | 120 | 65 | 7.0 | | 1.000 | A | 200 | J | 60.000 G | 2NA | 60 | 70 | .150 |
| | 2N2106 | NS 211 | 5 | GEC,TEC,HUG | 60 | 60 | 8.0 | | 1.000 | A | 150 | J | 15.000 B | 200UA | 30 | 30 | |
| | 2N2107 | NS 211 | 5 | GEC,TEC,HUG | 60 | 60 | 8.0 | | 1.000 | A | 150 | J | 15.000 B | 200UA | 30 | 50 | |
| | 2N2108 | NS 211 | 5 | GEC,TEC,HUG | 60 | 60 | 8.0 | | 1.000 | A | 150 | J | 15.000 B | 200UA | 30 | 80 | |
| | 2N2109 | NS 502 A | | WHE,SPC,HUG,SEN | 50 | 50 | 15.0 | 30.000 | 250.000 | C | 175 | J | .500 G | 30MA | 50 | 14 | 10.000 |
| | 2N2110 | NS 502 A | | WHE,SPC,SEN | 100 | 100 | 15.0 | 30.000 | 250.000 | C | 175 | J | .500 G | 30MA | 100 | 14 | 10.000 |
| | 2N2111 | NS 502 A | | WHE,SPC,SEN | 150 | 150 | 15.0 | 30.000 | 250.000 | C | 175 | J | .500 G | 30MA | 150 | 14 | 10.000 |
| | 2N2112 | NS 502 A | | WHE,SPC,SEN | 200 | 200 | 15.0 | 30.000 | 250.000 | C | 175 | J | .500 G | 30MA | 200 | 14 | 10.000 |
| | 2N2113 | NS 502 A | | WHE,SPC,SEN | 250 | 250 | 15.0 | 30.000 | 250.000 | C | 175 | J | .500 G | 30MA | 250 | 14 | 10.000 |
| | 2N2114 | NS 502 A | | WHE,SPC,SEN | 300 | 300 | 15.0 | 30.000 | 250.000 | C | 175 | J | .500 G | 30MA | 300 | 14 | 10.000 |
| | 2N2116 | NS 502 A | | WHE,SPC,SEN | 50 | 50 | 15.0 | 30.000 | 250.000 | C | 175 | J | .500 G | 30MA | 50 | 14 | 15.000 |
| | 2N2117 | NS 502 A | | WHE,SPC,SEN | 100 | 100 | 15.0 | 30.000 | 250.000 | C | 175 | J | .500 G | 30MA | 100 | 14 | 15.000 |
| | 2N2118 | NS 502 A | | WHE,SPC,SEN | 150 | 150 | 15.0 | 30.000 | 250.000 | C | 175 | J | .500 G | 30MA | 150 | 14 | 15.000 |
| | 2N2119 | NS 502 A | | WHE,SPC,SEN | 200 | 200 | 15.0 | 30.000 | 250.000 | C | 175 | J | .500 G | 30MA | 200 | 14 | 15.000 |
| | 2N2120 | NS 502 A | | WHE,SPC | | 250 | 15.0 | 30.000 | 250.000 | H | 175 | J | .500 G | 30MA | 250 | 14 | 15.000 |
| | 2N2123 | NS 502 A | | WHE,SPC,SEN | 50 | 50 | 15.0 | 30.000 | 250.000 | C | 175 | J | .500 G | 30MA | 50 | 13 | 20.000 |
| | 2N2124 | NS 502 A | | WHE,SPC,SEN | 100 | 100 | 15.5 | 30.000 | 250.000 | C | 175 | J | .500 G | 30MA | 100 | 13 | 20.000 |
| | 2N2125 | NS 502 A | | WHE,SPC,SEN | 150 | 150 | 15.5 | 30.000 | 250.000 | C | 175 | J | .500 G | 30MA | 150 | 13 | 20.000 |
| | 2N2126 | NS 502 A | | WHE,SPC,SEN | 200 | 200 | 15.5 | 30.000 | 250.000 | C | 175 | J | .500 G | 30MA | 200 | 13 | 20.000 |
| | 2N2130 | NS 502 A | | WHE,SPC,SEN | 50 | 50 | 15.0 | 30.000 | 250.000 | C | 175 | J | .500 G | 30MA | 50 | 14 | 25.000 |
| | 2N2131 | NS 502 A | | WHE,SPC,SEN | 100 | 100 | 15.0 | 30.000 | 250.000 | C | 175 | J | .500 G | 30MA | 100 | 14 | 25.000 |
| | 2N2132 | NS 502 A | | WHE,SPC,SEN | 150 | 150 | 15.0 | 30.000 | 250.000 | C | 175 | J | .500 G | 30MA | 150 | 14 | 25.000 |
| | 2N2133 | NS 502 A | | WHE,SPC,SEN | 200 | 200 | 15.0 | 30.000 | 250.000 | C | 175 | J | .500 G | 30MA | 200 | 14 | 25.000 |
| | 2N2137 | PG 605 | 3 | MOT,ETC | 30 | 20 | 15.0 | | 70.000 | C | 110 | J | .012 E | 50UA | 2 | 45 | .500 |
| | 2N2137A | PG 605 | 3 | MOT,ETC | 30 | 20 | 15.0 | | 70.000 | C | 110 | J | .012 E | 50UA | 2 | 45 | .500 |
| | 2N2138 | PG 605 | 3 | MOT,ETC,HUG,SOL | 45 | 30 | 25.0 | | 70.000 | C | 110 | J | .012 E | 50UA | 2 | 45 | .500 |
| | 2N2138A | PG 605 | 3 | MOT,ETC,SOL | 45 | 30 | 25.0 | | 70.000 | C | 110 | J | .012 E | 50UA | 2 | 45 | .500 |
| | 2N2139 | PG 605 | 3 | MOT,ETC,HUG,SOL | 60 | 45 | 30.0 | | 70.000 | C | 110 | J | .012 E | 50UA | 2 | 45 | .500 |
| | 2N2139A | PG 605 | 3 | MOT,ETC,SOL | 60 | 45 | 30.0 | | 70.000 | C | 110 | J | .012 E | 50UA | 2 | 45 | .500 |
| | 2N2140 | PG 605 | 3 | MOT,ETC,HUG,SOL | 75 | 60 | 40.0 | | 70.000 | C | 110 | J | .012 E | 50UA | 2 | 45 | .500 |
| | 2N2140A | PG 605 | 3 | MOT,ETC,SOL | 75 | 60 | 40.0 | | 70.000 | C | 110 | J | .012 E | 50UA | 2 | 45 | .500 |
| | 2N2141 | PG 605 | 3 | MOT,ETC,HUG,SOL | 90 | 65 | 45.0 | | 70.000 | C | 110 | J | .012 E | 50UA | 2 | 45 | .500 |
| | 2N2141A | PG 605 | 3 | MOT,ETC,SOL | 90 | 65 | 45.0 | | 70.000 | C | 110 | J | .012 E | 50UA | 2 | 45 | .500 |
| | 2N2142 | PG 605 | 3 | MOT,ETC,HUG,SOL | 30 | 20 | 15.0 | | 70.000 | C | 110 | J | .012 E | 50UA | 2 | 70 | .500 |
| | 2N2142A | PG 605 | 3 | MOT,ETC,SOL | 30 | 20 | 15.0 | | 70.000 | C | 110 | J | .012 E | 50UA | 2 | 70 | .500 |
| | 2N2143 | PG 605 | 3 | MOT,ETC,HUG,SOL | 45 | 30 | 25.0 | | 70.000 | C | 110 | J | .012 E | 50UA | 2 | 70 | .500 |
| | 2N2143A | PG 605 | 3 | MOT,ETC,SOL | 45 | 30 | 25.0 | | 70.000 | C | 110 | J | .012 E | 50UA | 2 | 70 | .500 |
| | 2N2144 | PG 605 | 3 | MOT,ETC,HUG,SOL | 60 | 45 | 30.0 | | 70.000 | C | 110 | J | .012 E | 50UA | 2 | 70 | .500 |
| | 2N2144A | PG 605 | 3 | MOT,ETC,SOL | 60 | 45 | 30.0 | | 70.000 | C | 110 | J | .012 E | 50UA | 2 | 70 | .500 |
| | 2N2145 | PG 605 | 3 | MOT,ETC,HUG,SOL | 75 | 60 | 40.0 | | 70.000 | C | 110 | J | .012 E | 50UA | 2 | 70 | .500 |
| | 2N2145A | PG 605 | 3 | MOT,ETC,SOL | 75 | 60 | 40.0 | | 70.000 | C | 110 | J | .012 E | 50UA | 2 | 70 | .500 |
| | 2N2146 | PG 605 | 3 | MOT,ETC,HUG,SOL | 90 | 65 | 45.0 | | 70.000 | C | 110 | J | .012 E | 50UA | 2 | 70 | .500 |
| | 2N2146A | PG 605 | 3 | MOT,ETC,SOL | 90 | 65 | 45.0 | | 70.000 | C | 110 | J | .012 E | 50UA | 2 | 70 | .500 |
| | 2N2147 | PG 605 | 3 | RCA,ETC | 75 | 50 | 1.5 | 5.000 | 12.500 | A | 100 | J | 4.000 G | 1MA | 40 | 150 | 1.000 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Condition | Cutoff $I_{CBO}$ @ $V_{CB}$ | | Gain $h_{FE}$ @ $I_C$(A) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | | | | |
| | 2N2148 | PG 605 | 3 | RCA,ETC | 60 | 40 | 1.5 | 5.000 | 12.500 | A | 100J | 3.000 | G | 1MA | 40 | 100 1.000 |
| | 2N2150 | NS 581 | 111 | TII,TEC,HUG,TIL | 125 | 80R | 8.0 | 2.000 | 30.000 | H | 175J | 10.000 | G | 10UA | 120 | 40 .500 |
| | 2N2151 | NS 581 | 111 | TII,TEC,HUG,TIL | 125 | 80R | 8.0 | 2.000 | 30.000 | H | 175J | 10.000 | G | 10UA | 120 | 80 |
| | 2N2152 | PG 405 | 36 | MOT,ETC,SOL | 45 | 30 | 25.0 | 30.000 | 170.000 | C | 110J | .002 | E | 4MA | 45 | 76 5.000 |
| | 2N2152A | PG 405 | 36 | MOT,ETC | 45 | 30 | 25.0 | 30.000 | 170.000 | C | 110J | .002 | E | 4MA | 45 | 76 5.000 |
| | 2N2153 | PG 405 | 36 | MOT,ETC,SOL | 60 | 45 | 30.0 | 30.000 | 170.000 | C | 110J | .002 | E | 4MA | 60 | 76 5.000 |
| | 2N2153A | PG 405 | 36 | MOT,ETC | 60 | 45 | 30.0 | 30.000 | 170.000 | C | 110J | .002 | E | 4MA | 60 | 76 5.000 |
| | 2N2154 | PG 405 | 36 | MOT,ETC,SOL | 75 | 60 | 40.0 | 30.000 | 170.000 | C | 110J | .002 | E | 4MA | 75 | 76 5.000 |
| | 2N2154A | PG 405 | 36 | MOT,ETC | 75 | 60 | 40.0 | 30.000 | 170.000 | C | 110J | .002 | E | 4MA | 75 | 76 5.000 |
| | 2N2155 | PG 405 | 36 | ETC,MOT | 90 | 75 | 45.0 | 30.000 | 170.000 | C | 110J | .002 | E | 4MA | 90 | 75 5.000 |
| | 2N2155A | PG 405 | 36 | ETC | 90 | 75 | 45.0 | 30.000 | 170.000 | C | 110J | .002 | E | 4MA | 90 | 75 5.000 |
| | 2N2156 | PG 405 | 36 | MOT,ETC,SOL | 45 | 30 | 25.0 | 30.000 | 170.000 | C | 110J | .002 | E | 4MA | 45 | 106 5.000 |
| | 2N2156A | PG 405 | 36 | MOT,ETC | 45 | 30 | 25.0 | 30.000 | 170.000 | C | 110J | .002 | E | 4MA | 45 | 106 5.000 |
| | 2N2157 | PG 405 | 36 | MOT,ETC,SOL | 60 | 45 | 30.0 | 30.000 | 170.000 | C | 110J | .002 | E | 4MA | 60 | 106 5.000 |
| | 2N2157A | PG 405 | 36 | MOT,ETC | 60 | 45 | 30.0 | 30.000 | 170.000 | C | 110J | .002 | E | 4MA | 60 | 106 5.000 |
| | 2N2158 | PG 405 | 36 | MOT,ETC,SOL,HUG | 75 | 60 | 40.0 | 30.000 | 170.000 | C | 110J | .002 | E | 4MA | 75 | 106 5.000 |
| | 2N2158A | PG 405 | 36 | MOT,ETC | 75 | 60 | 40.0 | 30.000 | 170.000 | C | 110J | .002 | E | 4MA | 75 | 106 5.000 |
| | 2N2159 | PG 405 | 36 | ETC,MOT | 90 | 75 | 45.0 | 30.000 | 170.000 | C | 110J | .002 | E | 4MA | 90 | 106 5.000 |
| | 2N2159A | PG 405 | 36 | ETC | 90 | 75 | 45.0 | 30.000 | 170.000 | C | 110J | .002 | E | 4MA | 90 | 106 5.000 |
| | 2N2162 | PS 210 | 5 | SPR,HUG,CRY | 30 | 30 | 30.0 | .050 | .150 | A | 140A | 14.000 | G | 10NA | 10 | 36 |
| | 2N2163 | PS 210 | 5 | SPR,HUG,CRY | 15 | 15 | 15.0 | .050 | .150 | A | 140A | 14.000 | G | 10NA | 4 | 36 |
| | 2N2164 | PS 210 | 5 | SPR,HUG,CRY | 12 | 8 | 12.0 | .050 | .150 | A | 140A | 24.000 | G | 20NA | 4 | 40 |
| | 2N2165 | PS 210 | 5 | SPR,HUG,CRY | 30 | 30 | 30.0 | .050 | .150 | A | 140A | 10.000 | G | 20NA | 10 | |
| | 2N2166 | PS 210 | 5 | SPR,HUG,CRY | 15 | 15 | 15.0 | .050 | .150 | A | 140A | 10.000 | G | 20NA | 4 | |
| | 2N2167 | PS 210 | 5 | SPR,HUG,CRY | 12 | 8 | 12.0 | .050 | .150 | A | 140A | 16.000 | G | 20NA | 4 | |
| | 2N2168 | PG 170 | 9 | SPR,ETC,HUG | 20 | 15 | 2.0 | .100 | .060 | A | 100J | 450.000 | G | 3UA | 5 | 60 .050 |
| | 2N2169 | PG 170 | 9 | SPR,ETC,HUG | 15 | 15 | 2.0 | .100 | .060 | A | 100J | 450.000 | G | 3UA | 5 | 45 .050 |
| | 2N2170 | PG 170 | 9 | SPR,ETC,HUG | 15 | 10 | 2.0 | .100 | .060 | A | 100J | 350.000 | G | 5UA | 5 | 30 .050 |
| | 2N2171 | PG 212 | 5 | MOT,ETC | 50 | 25R | 20.0 | .500 | .225 | A | 100J | 7.500 | B | 10UA | 25 | 180 .020 |
| | 2N2173 | PG 211 | 5 | TII | 25 | 15 | 3.0 | .750 | .240 | A | 100J | HSSW | | 10UA | 10 | 45 .200 |
| | 2N2175 | PS 210 | 5 | SOL,HUG,CRY | 6 | 6 | 6.0 | .050 | .100 | A | 175J | 1.000 | G | 1NA | 4 | 80 |
| | 2N2176 | PS 210 | 18 | SOL,HUG,CRY | 6 | 6 | 6.0 | .050 | .100 | A | 175J | 1.000 | G | 1NA | 4 | 80 |
| | 2N2177 | PS 210 | 5 | SOL,HUG,CRY | 6 | 6 | 6.0 | .050 | .100 | A | 175J | .800 | B | 5NA | 4 | 70 |
| | 2N2178 | PS 210 | 18 | SOL,CRY | 6 | 6 | 6.0 | .050 | .100 | A | 175J | .800 | B | 5NA | 4 | 70 |
| | 2N2185 | PS 210 | 18 | SPR,HUG,CRY | 30 | 30 | 30.0 | .050 | .150 | A | 140A | 6.500 | G | 1NA | 10 | |
| | 2N2186 | | | M.P.2N2185 | | | | | | | | | | | | |
| | 2N2187 | | | M.P.2N2185 | | | | | | | | | | | | |
| | 2N2188 | PG 120 | 58 | TII | 40 | 25 | 2.0 | | .125 | A | 85J | 60.000 | G | 3UA | 12 | 100 |
| | 2N2189 | PG 120 | 58 | TII | 40 | 25 | 2.0 | | .125 | A | 85J | 100.000 | G | 3UA | 12 | 120 |
| | 2N2190 | PG 120 | 58 | TII | 60 | 25 | 2.0 | | .125 | A | 85J | 60.000 | G | 3UA | 12 | 100 |
| | 2N2191 | PG 120 | 58 | TII | 60 | 25 | 2.0 | | .125 | A | 85J | 100.000 | G | 3UA | 12 | 120 |
| | 2N2192 | NS 211 | 5 | RAY,TII,MOT,GIC,SES,NSC | 60 | 40 | 5.0 | 1.000 | .800 | A | 200J | 50.000 | G | 10NA | 30 | 200 .150 |
| | 2N2192A | NS 211 | 5 | RAY,TII,MOT,GIC,ITT,SES | 60 | 40 | 5.0 | 1.000 | .800 | A | 200J | 50.000 | G | 10NA | 30 | 200 .150 |
| | 2N2192B | NS 211 | 5 | RAY,MOT,GIC,ITT,TEC,HUG | 60 | 40 | 5.0 | 1.000 | .800 | A | 200J | 50.000 | G | 10NA | 30 | 200 .150 |
| | 2N2193 | NS 211 | 390 | RAY,ITT,SES,TII,MOT,SES | 80 | 50 | 8.0 | 1.000 | .800 | A | 200J | 50.000 | G | 10NA | 60 | 80 .150 |
| | 2N2193A | NS 211 | 390 | RAY,TII,MOT,ITT,SES,NSC | 80 | 50 | 8.0 | 1.000 | .800 | A | 200J | 50.000 | G | 10NA | 60 | 80 .150 |
| | 2N2193B | NS 211 | 5 | RAY,ITT,MOT,TEC,HUG,FSC | 80 | 50 | 8.0 | 1.000 | .800 | A | 200J | 50.000 | G | 10NA | 60 | 80 .150 |
| | 2N2194 | NS 211 | 5 | RAY,TII,MOT,ITT,SES,NSC | 60 | 40 | 5.0 | 1.000 | .800 | A | 200J | 50.000 | G | 10NA | 30 | 40 .150 |
| | 2N2194A | NS 211 | 5 | RAY,TII,MOT,ITT,SES,NSC | 60 | 40 | 5.0 | 1.000 | .800 | A | 200J | 50.000 | G | 10NA | 30 | 40 .150 |
| | 2N2194B | NS 211 | 5 | RAY,MOT,ITT,TEC,HUG,FSC | 60 | 40 | 5.0 | 1.000 | .800 | A | 200J | 50.000 | G | 10NA | 30 | 40 .150 |
| | 2N2195 | NS 211 | 5 | RAY,MOT,ITT,SES,NSC,TEC | 45 | 25 | 5.0 | 1.000 | .800 | A | 200J | 50.000 | G | 100NA | 30 | 30 .150 |
| | 2N2195A | NS 211 | 5 | RAY,MOT,ITT,SES,NSC,TEC | 45 | 25 | 5.0 | 1.000 | .800 | A | 200J | 50.000 | G | 100NA | 30 | 30 .150 |
| | 2N2195B | NS 211 | 5 | RAY,MOT,ITT,TEC,HUG,FSC | 45 | 25 | 5.0 | 1.000 | .800 | A | 200J | 50.000 | G | 100NA | 30 | 30 .150 |
| | 2N2196 | NS 635 B | | GEC,SES,TEC,HUG | 80 | 60 | 8.0 | | 15.000 | C | 175J | 15.000 | B | 75UA | 80 | 20 |
| | 2N2197 | NS 635 B | | GEC,SES,TEC,HUG | 80 | 60 | 8.0 | | 15.000 | C | 175J | 15.000 | B | 75UA | 80 | 40 |
| | 2N2199 | PG 170 | 9 | ETC | 15 | 10 | .5 | .100 | .075 | A | 100J | 120.000 | G | 5UA | 10 | 14 .003 |
| | 2N2200 | PG 170 | 9 | ETC | 15 | 10 | .5 | .100 | .075 | A | 100J | 120.000 | G | 5UA | 10 | 14 .003 |
| | 2N2201 | NS 635 B | | TEC,HUG | 120 | 100 | 10.0 | | 15.000 | C | 175J | 20.000 | B | 50UA | 120 | 60 |
| | 2N2202 | NS 670 A | | HUG | 120 | 100 | 10.0 | | 15.000 | C | 175J | 20.000 | B | 50UA | 120 | 60 |
| | 2N2203 | NS 676 A | | HUG | 120 | 100 | 10.0 | | 15.000 | C | 175J | 20.000 | B | 50UA | 120 | 60 |
| | 2N2204 | NS 680 A | | HUG | 120 | 100 | 10.0 | | 15.000 | C | 175J | 20.000 | B | 50UA | 120 | 60 |
| | 2N2205 | NS 211 | 18 | RAY,FSC,ITT | 25 | 12R | 3.0 | .200 | .300 | A | 175J | 200.000 | G | 25NA | 15 | 40 .010 |
| | 2N2206 | NS 211 | 46 | FSC | 25 | 12 | 3.0 | .200 | .300 | A | 175J | 200.000 | G | 25NA | 15 | 70 .010 |
| | 2N2207 | PG 75 | 7 | AMP | 50 | 50R | .5 | .030 | .200 | A | 75J | 140.000 | G | | | 200 |
| | 2N2210 | PG 405 | 36 | ETC | 100 | 65 | 60.0 | 10.000 | 75.000 | C | 100J | .005 | E | 4MA | 100 | 38 5.000 |
| | 2N2212 | PG 607 | 41 | SOL,MOT | 120 | 60 | 1.5 | 10.000 | 60.000 | C | 110J | 1.500 | B | 2MA | 100 | 80 5.000 |
| | 2N2217 | NS 211 | 5 | FSC,RAY,SPR,TII,SES,ITT | 60 | 30 | 5.0 | .800 | .800 | A | 175J | 250.000 | G | 10NA | 50 | 40 .150 |
| | -2N2217/51 | NS 909 | 51 | SYL | 60 | 30 | 5.0 | .800 | .300 | A | 175J | 250.000 | G | 10NA | 50 | 30 |
| | 2N2218 | NS 211 | 5 | FSC,RAY,SPR,SES,ITT,MOT | 60 | 30 | 5.0 | .800 | .800 | A | 175J | 250.000 | G | 10NA | 50 | 80 .150 |
| | -2N2218/51 | NS 909 | 51 | SYL | 60 | 30 | 5.0 | .800 | .300 | A | 175J | 250.000 | G | 10NA | 50 | 50 |
| | 2N2218A | NS 211 | 5 | RAY,FSC,MOT,TRW,ITT,TII | 75 | 40 | 6.0 | .800 | .800 | A | 175J | 250.000 | G | 10NA | 60 | 70 .150 |
| | 2N2219 | NS 211 | 5 | FSC,RAY,SPR,SES,ITT,MOT | 60 | 30 | 5.0 | .800 | .800 | A | 175J | 250.000 | G | 10NA | 50 | 200 .150 |
| | -2N2219/51 | NS 909 | 51 | SYL | 60 | 30 | 5.0 | .800 | .300 | A | 175J | 250.000 | G | 10NA | 50 | 90 |
| | 2N2219A | NS 211 | 5 | RAY,FSC,MOT,GEC,TRW,ITT | 75 | 40 | 6.0 | .800 | .800 | A | 175J | 300.000 | G | 10NA | 60 | 150 .150 |
| | 2N2220 | NS 211 | 18 | FSC,RAY,TII,ITT,SES,GEC | 60 | 30 | 5.0 | .800 | .500 | A | 175J | 250.000 | G | 10NA | 50 | 40 .150 |
| | 2N2221 | NS 211 | 18 | FSC,RAY,TII,ITT,SES,SPR | 60 | 30 | 5.0 | .800 | .500 | A | 175J | 250.000 | G | 10NA | 50 | 80 .150 |
| | 2N2221A | NS 211 | 18 | GEC,MOT,FSC,RAY,TRW,ITT | 75 | 40 | 6.0 | .800 | .500 | A | 200J | 250.000 | G | 10NA | 60 | 80 .150 |
| | 2N2222 | NS 211 | 18 | FSC,RAY,TII,SES,GIC,MOT | 60 | 30 | 5.0 | .800 | .500 | A | 175J | 250.000 | G | 10NA | 50 | 200 .150 |
| | 2N2222A | NS 211 | 18 | GEC,MOT,FSC,RAY,TRW,ITT | 75 | 40 | 6.0 | .800 | .500 | A | 200J | 300.000 | G | 10NA | 60 | 200 .150 |
| | 2N2224 | NS 211 | 5 | MOT | 65 | 40 | 5.0 | .500 | .800 | A | 175J | 160.000 | G | 10UA | 50 | 65 .010 |
| | 2N2226 | NS 412 | 82 | WHE,SPC,HUG,STC,SEN | 50 | 50 | 15.0 | 10.000 | 150.000 | H | 150J | .500 | G | 200UA | 50 | 360 10.000 |
| | 2N2227 | NS 412 | 82 | WHE,SPC,HUG,STC,SEN | 100 | 100 | 15.0 | 10.000 | 150.000 | H | 150J | .500 | G | 200UA | 100 | 360 10.000 |
| | 2N2228 | NS 412 | 82 | WHE,SPC,HUG,SEN | 150 | 150 | 15.0 | 10.000 | 150.000 | H | 150J | .500 | G | 200UA | 150 | 360 10.000 |
| | 2N2229 | NS 412 | 82 | WHE,SPC,HUG,SEN | 200 | 200 | 15.0 | 10.000 | 150.000 | H | 150J | .500 | G | 200UA | 200 | 360 10.000 |
| | 2N2230 | NS 412 | 82 | WHE,SPC,HUG,STC,SEN | 50 | 50 | 15.0 | 10.000 | 150.000 | H | 150J | .500 | G | 200UA | 50 | 500 10.000 |
| | 2N2231 | NS 412 | 82 | WHE,SPC,HUG,STC,SEN | 100 | 100 | 15.0 | 10.000 | 150.000 | H | 150J | .500 | G | 200UA | 100 | 500 10.000 |
| | 2N2232 | NS 412 | 82 | WHE,SPC,HUG,SEN | 150 | 150 | 15.0 | 10.000 | 150.000 | H | 150J | .500 | G | 200UA | 150 | 500 10.000 |
| | 2N2233 | NS 412 | 82 | WHE,SPC,HUG,SEN | 200 | 200 | 15.0 | 10.000 | 150.000 | H | 150J | .500 | G | 200UA | 200 | 500 10.000 |
| | 2N2236 | NS 211 | 5 | RAY | 40 | 20 | 6.0 | .500 | .630 | A | 200J | 50.000 | G | 200NA | 40 | 30 .100 |
| | 2N2237 | NS 211 | 5 | RAY | 40 | 20 | 6.0 | .500 | .600 | A | 200J | 50.000 | G | 200NA | 40 | 72 .100 |
| | 2N2242 | NS 211 | 18 | MOT,ITT | 40 | 15 | | | .360 | A | | 250.000 | G | 100NA | 20 | 70 .010 |
| | 2N2243 | NS 211 | 5 | SES,RAY,TII,NSC,TEC,HUG | 120 | 80 | 7.0 | 1.000 | .800 | A | 200J | 50.000 | G | 10NA | 60 | 80 .150 |
| | 2N2243A | NS 211 | 5 | SES,RAY,TII,NSC,TEC,HUG | 120 | 80 | 7.0 | 1.000 | .800 | A | 200J | 50.000 | G | 10NA | 60 | 80 .150 |
| | -2N2244 | NS 210 | 18 | NSC | 30 | 20 | 6.0 | .100 | .500 | A | 200J | 60.000 | G | 10NA | 30 | 80 |
| | -2N2245 | NS 210 | 18 | NSC | 30 | 20 | 6.0 | .100 | .500 | A | 200J | 60.000 | G | 10NA | 30 | 160 |
| | -2N2246 | NS 210 | 18 | NSC | 30 | 20 | 6.0 | .100 | .500 | A | 200J | 60.000 | G | 10NA | 30 | 300 |
| | -2N2247 | NS 210 | 18 | NSC | 60 | 45 | 6.0 | .100 | .500 | A | 200J | 60.000 | G | 10NA | 60 | 80 |
| | -2N2248 | NS 210 | 18 | NSC | 60 | 45 | 6.0 | .100 | .500 | A | 200J | 60.000 | G | 10NA | 60 | 160 |
| | -2N2249 | NS 210 | 390 | NSC | 60 | 45 | 6.3 | .100 | .500 | A | 200J | 600.000 | G | 10NA | 60 | |
| | -2N2250 | NS 210 | 18 | NSC | 30 | 20 | 6.0 | | .500 | A | 200J | 60.000 | G | 10NA | 30 | 80 |
| | -2N2251 | NS 210 | 18 | NSC | 30 | 20 | 6.0 | | .500 | A | 200J | 60.000 | G | 10NA | 30 | 160 |
| | -2N2252 | NS 210 | 18 | NSC | 30 | 20 | 6.0 | | .500 | A | 200J | 60.000 | G | 10NA | 30 | 300 |
| | -2N2253 | NS 210 | 18 | NSC | 60 | 45 | 6.0 | | .500 | A | 200J | 60.000 | G | 10NA | 60 | 80 |
| | -2N2254 | NS 210 | 18 | NSC | 60 | 45 | 6.0 | | .500 | A | 200J | 60.000 | G | 10NA | 60 | 160 |
| | -2N2255 | NS 210 | 18 | NSC | 60 | 45 | 6.0 | | .500 | A | 200J | 60.000 | G | 10NA | 60 | 300 |
| | 2N2256 | NS 210 | 18 | MOT | 7 | 7 | 1.0 | .100 | .300 | A | 175J | 250.000 | G | 10UA | 6 | 30 .010 |
| | 2N2257 | NS 210 | 18 | MOT | 7 | 7 | 1.0 | .100 | .300 | A | 175J | 250.000 | G | 10UA | 6 | 50 .010 |
| | 2N2258 | PG 210 | 18 | MOT | 7 | 7 | 1.0 | .100 | .150 | A | 100J | 250.000 | G | 10UA | 6 | 30 .010 |
| | 2N2259 | PG 210 | 18 | MOT | 7 | 7 | 1.0 | .100 | .150 | A | 100J | 250.000 | G | 10UA | 6 | 30 .010 |
| | 2N2266 | PG 427 A | | SOL,HUG,KSC | 100 | 55 | 28.0 | 5.000 | 50.000 | C | 125J | .200 | G | 2MA | 80 | 44 2.000 |
| | 2N2267 | PG 427 A | | SOL,HUG,KSC | 120 | 55 | 28.0 | 5.000 | 50.000 | C | 125J | .200 | G | 2MA | 100 | 44 2.000 |
| | 2N2268 | PG 426 A | | SOL,HUG | 100 | 55 | 28.0 | 5.000 | 50.000 | C | 125J | .200 | G | 2MA | 80 | 44 2.000 |
| | 2N2269 | PG 426 A | | HUG | 120 | 55 | 28.0 | 5.000 | 50.000 | C | 125J | .200 | G | 2MA | 100 | 44 2.000 |
| | 2N2270 | NS 211 | 390 | RCA,ETC,RAY,NSC,TII,TEC | 60 | 45 | 7.0 | 1.000 | 1.000 | A | 200J | 60.000 | G | 100NA | 60 | 90 .150 |
| | 2N2271 | PG 210 | 5 | ETC | 20 | 15 | 10.0 | .500 | .250 | A | 100J | .010 | E | 10UA | 10 | 75 .035 |
| | 2N2273 | PG 211 | 18 | MOT | 25 | 15 | 1.0 | .100 | .100 | A | 100J | 90.000 | G | 10UA | 12 | 90 .001 |
| | 2N2274 | PS 210 | 18 | SPR,HUG,CRY | 25 | 25 | 25.0 | .050 | .150 | A | 200J | 6.000 | G | 3NA | 10 | 16 .001 |
| | 2N2275 | | | M.P.2N2274 | | | | | | | | | | | | |
| | 2N2276 | PS 210 | 18 | SPR,HUG,CRY | 15 | 10 | 15.0 | .050 | .150 | A | 140J | 6.000 | G | 3NA | 10 | 16 .001 |
| | 2N2277 | | | M.P.2N2276 | | | | | | | | | | | | |
| | 2N2278 | PS 210 | 18 | SPR,HUG,CRY | 15 | 15 | 15.0 | .050 | .150 | A | 140J | 7.600 | G | 1NA | 10 | |
| | 2N2279 | | | M.P.2N2278 | | | | | | | | | | | | |
| | 2N2280 | PS 210 | 18 | SPR,HUG,CRY | 10 | 6 | 10.0 | .050 | .150 | A | 140J | 16.000 | G | 3NA | 6 | |
| | 2N2281 | | | M.P.2N2280 | | | | | | | | | | | | |
| | 2N2282 | PG 631 | 37 | SOL | 60 | 30 | | 3.000 | 5.000 | C | 110J | 2.500 | B | 100UA | 20 | 60 |
| | 2N2283 | PG 631 | 37 | SOL | 100 | 60 | | 3.000 | 5.000 | C | 110J | 2.500 | B | 100UA | 40 | 60 |
| | 2N2284 | PG 631 | 37 | SOL | 200 | 100 | | 3.000 | 5.000 | C | 110J | 2.500 | B | 150UA | 60 | 60 |
| | 2N2285 | PG 605 | 3 | SOL,ETC,MOT | 60 | 30 | 1.5 | 25.000 | 100.000 | C | 110J | .010 | E | 5MA | 40 | 40 9.999 |
| | 2N2286 | PG 605 | 3 | SOL,ETC,MOT | 100 | 60 | 1.5 | 25.000 | 100.000 | C | 110J | .010 | E | 5MA | 80 | 40 9.999 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | | $I_{CBO}$ @ $V_{CB}$ | $h_{FE}$ @ $I_C$(A) | |
| | 2N2287 | PG 605 | 3 | SOL,ETC,MOT | 120 | 80 | 1.5 | 25.000 | 100.000 | C | 110J | | .010 | E | 5MA 100 | 40 9.999 |
| | 2N2288 | PG 605 | 3 | SOL,ETC,MOT | 40 | 40R | .8 | 10.000 | 85.000 | C | 110J | | 1.500 | B | 5MA 40 | 40 5.000 |
| | 2N2289 | PG 605 | 3 | SOL,ETC,MOT | 80 | 80 | .8 | 10.000 | 85.000 | C | 110J | | 1.500 | B | 5MA 80 | 40 5.000 |
| | 2N2290 | PG 605 | 3 | SOL,ETC,MOT | 120 | 120 | .8 | 10.000 | 85.000 | C | 110J | | 1.500 | B | 5MA 120 | 40 5.000 |
| | 2N2291 | PG 605 | 3 | SOL,ETC,MOT | 40 | 40R | 1.5 | 10.000 | 60.000 | C | 110J | | 1.500 | B | 5MA 40 | 80 5.000 |
| | 2N2292 | PG 605 | 3 | SOL,ETC,MOT | 80 | 80R | 1.5 | 10.000 | 60.000 | C | 110J | | 1.500 | B | 5MA 80 | 80 5.000 |
| | 2N2293 | PG 605 | 3 | SOL,ETC,MOT | 120 | 120R | 1.5 | 10.000 | 60.000 | C | 110J | | 1.500 | B | 5MA 120 | 80 5.000 |
| | 2N2294 | PG 607 | 41 | SOL,ETC | 40 | 40R | | 10.000 | 60.000 | C | 110J | | 1.500 | B | 1MA 25 | 80 5.000 |
| | 2N2295 | PG 607 | 41 | SOL,ETC | 80 | 80R | | 10.000 | 60.000 | C | 110J | | 1.500 | B | 1MA 60 | 80 5.000 |
| | 2N2296 | PG 607 | 41 | SOL,ETC | 120 | 120R | | 10.000 | 60.000 | C | 110J | | 1.500 | B | 2MA 100 | 80 5.000 |
| | 2N2297 | NS 211 | 5 | FSC,RAY,TEC,ITT,HUG | 80 | 35 | 7.0 | | 5.000 | A | 200J | | 60.000 | G | 10NA 60 | 80 |
| - | 2N2297/51 | NS 910 | 51 | SYL | 80 | 35 | 7.9 | | .300 | A | 200J | | 60.000 | G | 10NA 60 | 80 |
| | 2N2303 | PS 211 | 5 | HUG,RAY,MOT,TII,SES,GIC | 50 | 35 | 5.0 | .500 | .600 | A | 175J | | 60.000 | G | 1UA 30 | 130 .150 |
| | 2N2304 | NS 170 | 8 | STC,SEN | 60 | 40 | | 3.000 | 25.000 | C | 200J | | .020 | E | 100UA 30 | 40 .300 |
| | 2N2305 | NS 605 | 3 | SOL,HUG,STC,RCA | 60 | 40 | | 6.000 | 75.000 | C | 200J | | .020 | E | 200UA 30 | 30 .800 |
| | 2N2308 | NS 170 | 8 | ETC,STC,SEN | 100 | 80 | 12.0 | 3.000 | 25.000 | C | 200J | | 1.000 | G | 50UA 40 | 35 1.000 |
| | 2N2309 | NS 211 | 5 | RAY,HUG | 30 | 30 | 5.0 | | .600 | A | 175J | | 40.000 | G | 5NA 4 | 56 .001 |
| | 2N2310 | NS 211 | 46 | RAY,TRW,HUG | 60 | 60 | 8.0 | | .350 | A | 175J | | 50.000 | G | 25NA 60 | 24 .200 |
| | 2N2311 | NS 211 | 46 | RAY,TRW | 100 | 100 | 8.0 | | .350 | A | 175J | | 50.000 | G | 25NA 100 | 24 .200 |
| | 2N2312 | NS 211 | 46 | RAY,TRW,HUG | 60 | 60 | 8.0 | | .350 | A | 175J | | 40.000 | G | 25NA 60 | 60 .200 |
| | 2N2313 | NS 211 | 46 | RAY,TRW,HUG | 100 | 100 | 8.0 | | .350 | A | 175J | | 40.000 | G | 25NA 100 | 60 .200 |
| | 2N2314 | NS 211 | 46 | RAY,TRW,HUG | 60 | 40 | 5.0 | | .350 | A | 175J | | 40.000 | G | 25NA 30 | 40 .150 |
| | 2N2315 | NS 211 | 46 | RAY,TRW,HUG | 60 | 40 | 5.0 | | .350 | A | 175J | | 50.000 | G | 25NA 30 | 80 .150 |
| | 2N2316 | NS 211 | 46 | RAY,TRW,HUG | 120 | 80 | 5.0 | | .350 | A | 175J | | 50.000 | G | 25NA 60 | 80 .150 |
| | 2N2317 | NS 211 | 46 | RAY,TRW,HUG | 75 | 50 | 7.0 | | .350 | A | 175J | | 60.000 | G | 10NA 60 | 80 .150 |
| | 2N2318 | NS 210 | 18 | GIC | 30 | 15 | 5.0 | | .360 | A | 200J | | 300.000 | G | 50NA 20 | 60 .010 |
| | 2N2319 | NS 210 | 46 | GIC | 30 | 15 | 5.0 | | .300 | A | 200J | | 300.000 | G | 50NA 20 | 60 .010 |
| | 2N2320 | NS 210 | 5 | GIC | 30 | 15 | 5.0 | | .600 | A | 200J | | 300.000 | G | 50NA 20 | 60 .001 |
| | 2N2330 | NS 210 | 5 | MOT,HUG | 30 | 20 | 5.0 | | .800 | A | 175J | | 150.000 | G | 1NA 5 | 100 .010 |
| | 2N2331 | NS 210 | 18 | MOT,ETC,HUG | 30 | 20 | 5.0 | | .500 | A | 175J | | 150.000 | G | 1NA 5 | 100 .010 |
| | 2N2332 | PS 210 | 18 | SOL,HUG,CRY | 15 | 5 | 15.0 | | .150 | A | 175J | | | | 50NA 15 | |
| | 2N2333 | PS 210 | 18 | SOL,HUG,CRY | 15 | 5 | 15.0 | | .150 | A | 175J | | | | 50NA 15 | |
| | 2N2334 | PS 210 | 18 | SOL,HUG,CRY | 30 | 15 | 30.0 | | .150 | A | 175J | | | | 50NA 30 | |
| | 2N2335 | PS 210 | 18 | SOL,HUG,CRY | 30 | 15 | 30.0 | | .150 | A | 175J | | | | 50NA 30 | |
| | 2N2336 | PS 210 | 18 | SOL,HUG,CRY | 50 | 35 | 50.0 | | .150 | A | 175J | | | | 100NA 50 | |
| | 2N2337 | PS 210 | 18 | SOL,HUG,CRY | 50 | 35 | 50.0 | | .150 | A | 175J | | | | 100NA 50 | |
| | 2N2338 | NS 405 | 36 | RCA | 60 | 40 | 6.0 | 7.500 | 150.000 | C | 200J | | .015 | E | 200NA 30 | 38 |
| | 2N2339 | NS 461 | 57 | ETC | 60 | 40 | 6.0 | 2.500 | 40.000 | C | 200J | | .700 | G | 100UA 30 | 40 .300 |
| | 2N2349 | NS 210 | 5 | TRW,HUG | 40 | 24 | 1.5 | | 2.500 | C | | | RF AMP | | 1UA 12 | 180 .010 |
| | 2N2350 | NS 211 | 46 | RAY,TRW,ITT,HUG | 60 | 40 | 5.0 | 1.000 | .400 | A | 200J | | 50.000 | G | 10NA 30 | 200 .150 |
| | 2N2350A | NS 211 | 46 | RAY,TRW,ITT,HUG | 60 | 40 | 5.0 | 1.000 | .400 | A | 200J | | 50.000 | G | 10NA 30 | 200 .150 |
| | 2N2351 | NS 211 | 46 | RAY,TRW,ITT,HUG,FSC | 80 | 50 | 8.0 | 1.000 | .400 | A | 200J | | 50.000 | G | 10NA 60 | 80 .150 |
| | 2N2351A | NS 211 | 46 | RAY,TRW,ITT,HUG,FSC | 80 | 50 | 8.0 | 1.000 | .400 | A | 200J | | 50.000 | G | 10NA 60 | 80 .150 |
| | 2N2352 | NS 211 | 46 | RAY,TRW,ITT,HUG | 60 | 40 | 5.0 | 1.000 | .400 | A | 200J | | 50.000 | G | 10NA 30 | 40 .150 |
| | 2N2352A | NS 211 | 46 | RAY,TRW,ITT,HUG | 60 | 40 | 5.0 | 1.000 | .400 | A | 200J | | 50.000 | G | 10NA 30 | 40 .150 |
| | 2N2353 | NS 211 | 46 | RAY,TRW,ITT,HUG | 45 | 25 | 5.0 | 1.000 | .350 | A | 200J | | 50.000 | G | 100NA 30 | 40 .150 |
| | 2N2353A | NS 211 | 46 | RAY,TRW,ITT,HUG | 45 | 25 | 5.0 | 1.000 | .350 | A | 200J | | 50.000 | G | 100NA 30 | 40 .150 |
| | 2N2357 | PG 607 | 41 | SOL,MOT | 60 | 30 | 2.5 | 50.000 | 170.000 | C | 110J | | .010 | E | 5MA 40 | 60 |
| | 2N2358 | PG 607 | 41 | SOL,MOT | 100 | 60 | 2.5 | 50.000 | 170.000 | C | 110J | | .010 | E | 5MA 80 | 60 |
| | 2N2359 | PG 607 | 41 | SOL,MOT | 120 | 80 | 2.5 | 50.000 | 170.000 | C | 110J | | .010 | E | 5MA 100 | 60 |
| | 2N2360 | PG 217 | 12 | SPR,HUG | 20 | 20S | .5 | .050 | .060 | A | 125J | | 980.000 | F | 10UA 10 | 32 |
| | 2N2361 | PG 217 | 12 | SPR,HUG | 20 | 20S | .5 | .050 | .060 | A | 125J | | VHFCON | | 10UA 10 | 32 |
| | 2N2362 | PG 217 | 12 | SPR,HUG | 20 | 20S | .5 | .050 | .060 | A | 100J | | VHFOSC | | 10UA 10 | 32 |
| - | 2N2363 | PG 217 | 72 | TII | 30 | 20 | .5 | .050 | .075 | A | 100J | | 800.000 | G | 5UA 12 | 100 |
| | 2N2364 | NS 211 | 46 | RAY,TRW,HUG | 120 | 80 | 7.0 | | .400 | A | 200J | | 5.000 | G | 10NA 60 | 80 .150 |
| | 2N2364A | NS 211 | 46 | RAY,TRW,HUG | 120 | 80 | 7.0 | | .400 | A | 200J | | 5.000 | G | 10NA 60 | 80 .150 |
| | 2N2368 | NS 211 | 18 | FSC,RAY,TII,SES,ITT,MOT | 40 | 15 | 4.5 | .500 | .360 | A | 200J | | 400.000 | G | 400NA 20 | 40 .010 |
| | 2N2369 | NS 211 | 18 | FSC,RAY,TII,SES,ITT,MOT | 40 | 15 | 4.5 | .500 | .360 | A | 200J | | 500.000 | G | 400NA 20 | 80 .010 |
| | 2N2369A | NS 211 | 18 | FSC,RCA,RAY,ITT,TII,NSC | 40 | 15 | 4.5 | .200 | .360 | A | 200J | | 500.000 | G | 400NA 20 | 80 .100 |
| | 2N2370 | PS 210 | 5 | HUG,CRY | 15 | 15 | 15.0 | .100 | .200 | A | 200A | | | | 5NA 15 | 15 |
| | 2N2371 | PS 210 | 5 | HUG,CRY | 15 | 15 | 15.0 | .100 | .200 | A | 200A | | | | 5NA 15 | 20 |
| | 2N2372 | PS 210 | 18 | HUG,CRY | 15 | 15 | 15.0 | .100 | .150 | A | 200A | | | | 5NA 15 | 15 |
| | 2N2373 | PS 210 | 18 | HUG,CRY | 15 | 15 | 15.0 | .100 | .150 | A | 200A | | | | 5NA 15 | 20 |
| | 2N2374 | PG 210 | 5 | ETC | 35 | 35S | 35.0 | .500 | .250 | A | 100J | | 15.000 | B | 7UA 15 | 175 .100 |
| | 2N2375 | PG 210 | 5 | ETC | 35 | 35S | 35.0 | .500 | .250 | A | 100J | | 9.000 | B | 7UA 15 | 65 .100 |
| | 2N2376 | | | M.P.2N2375 | | | | | | | | | | | | |
| | 2N2377 | PS 210 | 18 | SPR,HUG,CRY | 25 | 25 | | .050 | .150 | A | 140J | | 8.000 | G | 1UA 25 | 26 .005 |
| | 2N2378 | PS 210 | 18 | SPR,HUG,CRY | 10 | 10 | 10.0 | .050 | .150 | A | 140J | | 7.200 | G | 100NA 10 | 26 |
| | 2N2380 | NS 211 | 5 | RAY | 80 | 40 | 5.0 | .500 | .600 | A | 200J | | 100.000 | G | 200NA 50 | 70 .150 |
| | 2N2380A | NS 211 | 5 | RAY | 80 | 40 | 5.0 | | .600 | A | 200J | | 100.000 | G | 200NA 50 | 70 .150 |
| | 2N2381 | PG 210 | 5 | MOT | 30 | 15 | 4.0 | .500 | .300 | A | 100J | | 300.000 | G | 25UA 15 | 30 .400 |
| | 2N2382 | PG 210 | 5 | MOT | 45 | 20 | 4.0 | .500 | .300 | A | 100J | | 300.000 | G | 15UA 15 | 50 .400 |
| | 2N2387 | NS 909 | 50 | TII | 45 | 45 | 5.0 | .030 | .300 | A | 175J | | 30.000 | G | 10NA 45 | 60 .001 |
| | 2N2388 | NS 909 | 50 | TII | 45 | 45 | 5.0 | .030 | .300 | A | 175J | | 30.000 | G | 10NA 45 | 200 .001 |
| | 2N2389 | NS 909 | 50 | TII | 75 | 50R | 7.0 | .500 | .450 | A | 200J | | 60.000 | G | 10NA 60 | 60 |
| | 2N2390 | NS 909 | 50 | TII | 75 | 50R | 7.0 | .500 | .450 | A | 200J | | 70.000 | G | 10NA 60 | 100 |
| | 2N2393 | PS 909 | 50 | TII | 50 | 35 | 5.0 | .300 | .450 | A | 175J | | 50.000 | G | 1UA 30 | 30 |
| | 2N2394 | PS 909 | 50 | TII | 50 | 35 | 5.0 | .300 | .450 | A | 175J | | 60.000 | G | 1UA 30 | 60 |
| | 2N2395 | NS 909 | 50 | TII | 60 | 40 | 5.0 | .300 | .450 | A | 200J | | 40.000 | G | 10NA 30 | 40 |
| | 2N2396 | NS 909 | 50 | TII | 60 | 40 | 5.0 | .300 | .450 | A | 200J | | 50.000 | G | 10NA 30 | 80 |
| - | 2N2397 | NS 910 | 51 | SYL | 35 | 15 | 5.0 | .200 | .300 | A | 200J | | 200.000 | G | 100NA 15 | 75 |
| | 2N2398 | PG 217 | 12 | SPR,HUG | 20 | 20S | .5 | .050 | .060 | A | 100J | | 990.000 | F | 101A 10 | 32 |
| | 2N2399 | PG 217 | 12 | SPR,HUG | 20 | 20S | .5 | .050 | .060 | A | 100J | | VHFCON | | 101A 10 | 32 |
| | 2N2400 | PG 210 | 18 | SPR,HUG | 12 | 7 | 1.0 | .100 | .150 | A | 100J | | 150.000 | G | 3UA 5 | 60 |
| | 2N2401 | PG 210 | 18 | SPR,HUG | 15 | 10 | 1.5 | .100 | .150 | A | 100J | | 200.000 | G | 2UA 5 | 100 |
| | 2N2402 | PG 210 | 18 | SPR,HUG | 18 | 12 | 2.0 | .100 | .150 | A | 100J | | 250.000 | G | 2UA 5 | 120 |
| | 2N2405 | NS 211 | 5 | TRW,RCA,RAY,MOT,HUG | 120 | 90 | 7.0 | | 2.000 | C | | | 40.000 | G | 10NA 90 | 110 .150 |
| | 2N2410 | NS 211 | 5 | MOT,SES,RAY,TEC,HUG | 60 | 30 | 5.0 | .800 | .800 | A | 200J | | 20.000 | G | 300NA 30 | 75 .150 |
| - | 2N2410/51 | NS 910 | 51 | SYL | 60 | 30 | 5.0 | .800 | .800 | A | 200J | | 20.000 | G | 300NA 30 | 70 |
| | 2N2411 | PS 211 | 18 | TII,TEC,HUG,TIL | 25 | 20 | 5.0 | .100 | .300 | A | 200J | | 140.000 | G | 10NA 25 | 40 |
| | 2N2412 | PS 211 | 18 | TII,TEC,HUG,TIL | 25 | 20 | 5.0 | .100 | .300 | A | 200J | | 140.000 | G | 10NA 25 | 80 |
| - | 2N2413 | NS 211 | 18 | TII | 40 | 18 | 5.0 | .200 | .300 | A | 175J | | 300.000 | G | 100NA 20 | 76 |
| | 2N2415 | PG 217 | 72 | TII,MOT | 15 | 10 | .3 | .020 | .075 | A | 100J | | 500.000 | G | 5UA 10 | 80 |
| | 2N2416 | PG 217 | 72 | TII,MOT | 15 | 10 | .3 | .020 | .075 | A | 100J | | 400.000 | G | 5UA 10 | 50 |
| | 2N2423 | PG 605 | 3 | SOL | 100 | 60 | 30.0 | 5.000 | 90.000 | C | 100J | | .004 | E | 5MA 100 | 46 2.000 |
| | 2N2424 | PS 210 | 5 | CRY | 40 | 5 | 20.0 | .050 | .375 | A | 160J | | .015 | E | 100NA 30 | 80 .005 |
| | 2N2425 | PS 210 | 5 | CRY | 50 | 10 | 30.0 | .050 | .375 | A | 160J | | .010 | E | 100NA 30 | 48 .005 |
| | 2N2427 | NS 211 | 18 | TEC,HUG | 40 | 40 | 4.0 | .050 | .500 | A | 200A | | 50.000 | G | 500NA 40 | 35 .001 |
| | 2N2428 | PG 120 | 1 | AMP | 32 | 12 | 1.0 | .100 | .165 | A | 75J | | 1.300 | G | 10UA 10 | 130 |
| | 2N2429 | PG 120 | 1 | AMP | 32 | 32S | 10.0 | .100 | .165 | A | 75J | | 1.700 | G | 10UA 10 | 140 |
| | 2N2430 | NG 120 | 1 | AMP | 32 | 12 | 10.0 | .300 | .135 | A | 75J | | 1.500 | G | 15UA 10 | 120 |
| | 2N2431 | PG 120 | 1 | AMP | 32 | 32 | 10.0 | 1.000 | .165 | A | 100J | | 1.000 | G | 10UA 10 | 90 |
| | 2N2432 | NS 211 | 18 | TII,NSC,TEC,HUG,CRY,TIL | 30 | 30 | 15.0 | .100 | .300 | A | 175J | | 20.000 | G | 10NA 25 | 80 |
| | 2N2432A | NS 211 | 18 | TII,TEC,HUG,CRY,TIL | 45 | 45 | 18.0 | .100 | .300 | A | 175J | | 20.000 | G | 10NA 40 | 100 .001 |
| | 2N2433 | NS 211 | 46 | TRW | 75 | 45 | 7.0 | | 2.000 | C | | | 80.000 | G | 1NA 60 | 70 .150 |
| | 2N2434 | NS 211 | 46 | TRW | 75 | 45 | 7.0 | | 2.000 | C | | | 90.000 | G | 1NA 60 | 170 .150 |
| | 2N2435 | NS 211 | 46 | TRW | 120 | 80 | 7.0 | | 2.000 | C | | | 80.000 | G | 1NA 90 | 70 .150 |
| | 2N2436 | NS 211 | 46 | TRW | 120 | 80 | 7.0 | | 2.000 | C | | | 90.000 | G | 1NA 90 | 170 .150 |
| | 2N2437 | NS 211 | 46 | TRW | 100 | 75 | 7.0 | | 2.000 | C | | | 70.000 | G | 1NA 75 | 30 .010 |
| | 2N2438 | NS 211 | 46 | TRW | 100 | 75 | 7.0 | | 2.000 | C | | | 80.000 | G | 1NA 75 | 70 .010 |
| | 2N2439 | NS 211 | 46 | TRW | 100 | 75 | 7.0 | | 2.000 | C | | | 90.000 | G | 1NA 75 | 150 .010 |
| | 2N2440 | NS 211 | 5 | TRW,HUG | 120 | 80 | 7.0 | | 3.000 | C | | | 90.000 | G | 1NA 90 | 170 .150 |
| | 2N2443 | NS 211 | 5 | TRW,HUG,FSC | 120 | 100 | 7.0 | | .800 | A | 200J | | 5.000 | G | 10NA 90 | 90 |
| | 2N2444 | PG 605 | 3 | SOL | 80 | 80 | 1.0 | 10.000 | 85.000 | C | 100J | | 4.500 | G | 20MA 80 | 105 3.000 |
| | 2N2445 | PG 607 | 41 | SOL,HUG | 100 | 50 | 50.0 | 15.000 | 90.000 | C | 100J | | .004 | E | 200UA 2 | 46 9.900 |
| - | 2N2448 | PG 315 A | | RAY | 45 | 24 | 12.0 | .100 | .075 | A | 85A | | 1.000 | B | 10UA 20 | 50 |
| - | 2N2449 | PG 295 A | | RAY | 35 | 20 | 12.0 | .100 | .075 | A | 85A | | 1.200 | B | 10UA 20 | 100 |
| - | 2N2450 | PG 315 A | | RAY | 35 | 20 | 12.0 | .100 | .075 | A | 85A | | 1.200 | B | 10UA 20 | 100 |
| | 2N2451 | PG 116 | 24 | SPR,HUG | 6 | 6S | | .050 | .025 | A | 100J | | HS SW | | 5UA 6 | 50 .010 |
| - | 2N2455 | PG 211 | 18 | SYL | 15 | 8R | 2.5 | .200 | .150 | A | 100J | | 600.000 | G | 2UA 6 | 60 |
| - | 2N2456 | PG 211 | 18 | SYL | 15 | 8 | 2.5 | .200 | .150 | A | 100J | | 900.000 | G | 2UA 6 | 90 |
| | 2N2459 | NS 210 | 46 | SSD,SOL | 100 | 60 | 8.0 | | .400 | A | 200J | | 175.000 | G | 2NA 80 | 60 .005 |
| | 2N2460 | NS 210 | 46 | SSD,SOL,HUG | 100 | 60 | 8.0 | | .400 | A | 200J | | 200.000 | G | 2NA 80 | 102 .005 |
| | 2N2461 | NS 210 | 46 | SSD,SOL,HUG | 100 | 60 | 8.0 | | .400 | A | 200J | | 225.000 | G | 2NA 80 | 150 .005 |
| | 2N2462 | NS 210 | 46 | SSD,SOL,HUG | 100 | 60 | 8.0 | | .400 | A | 200J | | 250.000 | G | 2NA 80 | 200 .005 |
| | 2N2463 | NS 210 | 18 | SOL,HUG | 100 | 60 | 8.0 | | .400 | A | 200J | | 100.000 | G | 2NA 80 | 50 .005 |
| | 2N2464 | NS 210 | 18 | SSD,SOL,HUG | 100 | 60 | 8.0 | | .400 | A | 200J | | 200.000 | G | 2NA 80 | 70 |
| | 2N2465 | NS 210 | 18 | SSD,SOL,HUG | 100 | 60 | 8.0 | | .400 | A | 200J | | 225.000 | G | 2NA 80 | 150 .005 |
| | 2N2466 | NS 210 | 18 | SSD,SOL,HUG | 100 | 60 | 8.0 | | .400 | A | 200J | | 250.000 | G | 2NA 80 | 200 .005 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff $I_{CBO}$ @ $V_{CB}$ | | Gain $h_{FE}$ @ $I_C$(A) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) Cond. | | | | | | |
| | 2N2467 | PG 211 | 5 | SOL | 60 | 30 | | 3.000 | 5.000 | C | 110J | 2.500 | B | 100UA | 20 | 60 | |
| | 2N2468 | PG 211 | 5 | SOL | 100 | 60 | | 3.000 | 5.000 | C | 110J | 2.500 | B | 100UA | 40 | 60 | |
| | 2N2469 | PG 211 | 5 | SOL | 200 | 100 | | 3.000 | 5.000 | C | 110J | 2.500 | B | 150UA | 60 | 60 | |
| | 2N2474 | PS 229 | 5 | CRY | 30 | 15 | 30.0 | .050 | .250 | A | 160J | .500 | B | 100NA | 30 | 12 | .001 |
| | 2N2475 | NS 211 | 18 | RCA,TEC,FSC,HUG | 15 | 6 | 4.0 | | .300 | A | 200J | 600.000 | G | 50NA | 5 | 70 | .020 |
| - | 2N2475/46 | NS 210 | 46 | SYL | 15 | 6 | 4.0 | | .300 | A | 200J | 600.000 | G | 50NA | 5 | 70 | |
| - | 2N2475/51 | NS 909 | 51 | SYL | 15 | 6 | 4.0 | | .300 | A | 200J | 600.000 | G | 50NA | 5 | 70 | |
| | 2N2476 | NS 210 | 5 | RCA,SPR,RAY,MOT,HUG,FSC | 60 | 20 | 5.0 | | .600 | A | 200A | 250.000 | G | 200NA | 30 | 20 | .150 |
| | 2N2477 | NS 210 | 5 | RCA,SPR,RAY,MOT,HUG,FSC | 60 | 20 | 5.0 | | .600 | A | 200A | 250.000 | G | 200NA | 30 | 40 | .150 |
| - | 2N2478 | NS 211 | 5 | PHL | 120 | 40 | 5.0 | | .630 | A | 175J | 275.000 | B | 2UA | 60 | 70 | |
| | 2N2479 | NS 211 | 5 | RAY | 80 | 40 | 5.0 | .500 | .600 | A | 200J | 150.000 | G | 1NA | 50 | 60 | .150 |
| | 2N2481 | NS 211 | 18 | ITT,RAY,MOT,TII,HUG | 40 | 15 | 5.0 | .500 | .360 | A | 200J | 300.000 | G | 50NA | 20 | 70 | .010 |
| - | 2N2482 | NG 211 | 18 | RCA | 20 | 12 | 3.0 | .100 | .150 | A | 100J | 600.000 | G | 5UA | 6 | 100 | |
| | 2N2483 | NS 211 | 18 | FSC,RAY,GIC,TII,SES,NSC | 60 | 60 | 6.0 | .050 | .360 | A | 200J | 60.000 | G | 10NA | 45 | 70 | .001 |
| | 2N2484 | NS 211 | 18 | FSC,RAY,GEC,TII,SES,GIC | 60 | 60 | 6.0 | .050 | .360 | A | 200J | 60.000 | G | 10NA | 45 | 175 | .001 |
| | 2N2484A | NS 211 | 18 | RAY,SOL | 60 | 60 | 6.0 | | .360 | A | 200J | 60.000 | G | 10NA | 45 | 225 | .001 |
| | 2N2487 | PG 210 | 18 | SPR,HUG | 15 | 10 | | .100 | .060 | A | 100J | 360.000 | G | 3UA | | 40 | .010 |
| | 2N2488 | PG 210 | 18 | SPR,HUG | 15 | 10 | | .100 | .060 | A | 100J | 360.000 | G | 3UA | | 40 | .050 |
| | 2N2489 | PG 210 | 18 | SPR,HUG | 20 | 15 | | .100 | .060 | A | 100J | 300.000 | G | 3UA | | 40 | .010 |
| | 2N2490 | PG 405 | 36 | DEL,MOT,SOL | 70 | 50 | 40.0 | 15.000 | 85.000 | C | 110J | .005 | E | 200UA | 2 | 30 | 5.000 |
| | 2N2491 | PG 405 | 36 | DEL,MOT,ETC,SOL | 60 | 40 | 30.0 | 15.000 | 85.000 | C | 110J | .005 | E | 3MA | 60 | 50 | 5.000 |
| | 2N2492 | PG 405 | 36 | DEL,MOT,ETC,SOL | 80 | 65 | 60.0 | 15.000 | 85.000 | C | 110J | .005 | E | 2MA | 80 | 36 | 5.000 |
| | 2N2493 | PG 405 | 36 | DEL,MOT,ETC | 100 | 75 | 80.0 | 15.000 | 85.000 | C | 110J | .005 | E | 3MA | 100 | 36 | 5.000 |
| | 2N2495 | PG 217 | 33 | AMP | 35 | | .5 | .010 | .100 | A | 85J | 135.000 | G | 6UA | 12 | 60 | |
| | 2N2496 | PG 218 | 72 | AMP | 35 | | .5 | .010 | .100 | A | 85J | 135.000 | G | 6UA | 12 | 60 | |
| | 2N2501 | NS 210 | 18 | GIC,TEC,MOT | 40 | 20 | 6.0 | | .360 | A | 200J | 350.000 | G | 25NA | 20 | 86 | .010 |
| | 2N2509 | NS 211 | 18 | AMC,GIC,ITT,RAY,NSC,TEC | 125 | 80 | 7.0 | | .360 | A | 200J | 45.000 | G | 5NA | 100 | 80 | .010 |
| | 2N2510 | NS 211 | 18 | AMC,GIC,ITT,RAY,NSC,TEC | 100 | 65 | 7.0 | | .360 | A | 200J | 45.000 | G | 5NA | 80 | 300 | .010 |
| | 2N2511 | NS 211 | 18 | AMC,GIC,ITT,RAY,NSC,TEC | 80 | 50 | 7.0 | | .360 | A | 200J | 45.000 | G | 5NA | 60 | 500 | .010 |
| - | 2N2512 | PG 217 | 33 | AMP | 70 | 70S | | .050 | .260 | A | 75J | 125.000 | G | 5UA | 1 | 200 | .010 |
| | 2N2514 | NS 211 | 46 | SOL | 80 | 60 | 6.0 | .100 | .400 | A | 200J | 30.000 | G | 5NA | 50 | 28 | .005 |
| | 2N2515 | NS 210 | 46 | SSD,SOL,HUG | 80 | 60 | 6.0 | | .400 | A | 200J | 175.000 | G | 5NA | 50 | 60 | .005 |
| | 2N2516 | NS 210 | 46 | SSD,SOL,HUG | 80 | 60 | 8.0 | | .400 | A | 200J | 200.000 | G | 5NA | 50 | 130 | .005 |
| | 2N2517 | NS 211 | 46 | SOL | 125 | 80 | 8.0 | .050 | .400 | A | 200J | 30.000 | G | 5NA | 80 | 27 | .005 |
| | 2N2518 | NS 210 | 46 | SSD,SOL,HUG | 125 | 80 | 8.0 | | .400 | A | 200J | 175.000 | G | 5NA | 80 | 60 | .005 |
| | 2N2519 | NS 210 | 46 | SSD,SOL,HUG | 125 | 80 | 8.0 | | .400 | A | 200J | 200.000 | G | 5NA | 80 | 120 | .005 |
| | 2N2520 | NS 211 | 46 | SOL,SSD,HUG | 60 | 60 | 8.0 | .100 | .400 | A | 200J | 50.000 | G | 5NA | 45 | 18 | .001 |
| | 2N2521 | NS 210 | 46 | SSD,SOL,HUG | 60 | 60 | 8.0 | | .400 | A | 200J | 175.000 | G | 5NA | 45 | 58 | .001 |
| | 2N2522 | NS 210 | 46 | SSD,SOL,HUG | 60 | 60 | 8.0 | | .400 | A | 200J | 200.000 | G | 5NA | 45 | 160 | .001 |
| | 2N2523 | NS 210 | 46 | SSD,SOL,HUG | 60 | 45 | 6.0 | | .400 | A | 200J | 60.000 | G | 2NA | 45 | 70 | .001 |
| | 2N2524 | NS 210 | 46 | SSD,SOL,HUG | 60 | 45 | 6.0 | | .400 | A | 200J | 60.000 | G | 2NA | 45 | 175 | .001 |
| | 2N2525 | NS 561 | 61 | TRW | 100 | 80 | 5.0 | 1.000 | 19.000 | C | J | 35.000 | G | 5UA | 28 | | |
| | 2N2526 | PG 605 | 3 | MOT | 80 | 80 | 5.0 | 10.000 | 85.000 | C | 110J | .010 | E | 3MA | 80 | 36 | 3.000 |
| | 2N2527 | PG 605 | 3 | MOT | 120 | 120 | 5.0 | 10.000 | 85.000 | C | 110J | .010 | E | 3MA | 120 | 36 | 3.000 |
| | 2N2528 | PG 605 | 3 | MOT | 160 | 160 | 5.0 | 10.000 | 85.000 | C | 110J | .010 | E | 3MA | 160 | 36 | 3.000 |
| - | 2N2529 | NS 210 | 18 | TII | 45 | 40 | 2.0 | .025 | .150 | A | 175J | 6.000 | B | 50NA | 30 | 14 | .010 |
| - | 2N2530 | NS 210 | 18 | TII | 45 | 40 | 2.0 | .025 | .150 | A | 175J | 10.000 | B | 50NA | 30 | 24 | .010 |
| - | 2N2531 | NS 210 | 18 | TII | 45 | 40 | 2.0 | .025 | .150 | A | 175J | 12.000 | B | 50NA | 30 | 50 | .010 |
| - | 2N2532 | NS 210 | 18 | TII | 45 | 40 | 2.0 | .025 | .150 | A | 175J | 16.000 | B | 50NA | 30 | 60 | .001 |
| - | 2N2533 | NS 210 | 18 | TII | 45 | 40 | 2.0 | .025 | .150 | A | 175J | 10.000 | B | 50NA | 30 | 50 | .010 |
| - | 2N2534 | NS 210 | 18 | TII | 45 | 40 | 2.0 | .025 | .150 | A | 175J | 20.000 | B | 50NA | 30 | 90 | .010 |
| | 2N2537 | NS 211 | 5 | TII,TRW,MOT,TEC,HUG,TIL | 60 | 30 | 5.0 | .800 | .800 | A | 200J | 250.000 | G | 250NA | 40 | 100 | .150 |
| | 2N2538 | NS 211 | 5 | TII,TRW,MOT,TEC,HUG,TIL | 60 | 30 | 5.0 | .800 | .800 | A | 200J | 250.000 | G | 250NA | 40 | 200 | .150 |
| | 2N2539 | NS 211 | 18 | TII,TRW,MOT,TEC,HUG,TIL | 60 | 30 | 5.0 | .800 | .500 | A | 200J | 250.000 | G | 250NA | 40 | 100 | .150 |
| | 2N2540 | NS 211 | 18 | TII,TRW,MOT,TEC,HUG,TIL | 60 | 30 | 5.0 | .800 | .500 | A | 200J | 250.000 | G | 250NA | 40 | 200 | .150 |
| | 2N2551 | NS 210 | 5 | SOL | 150 | 150 | 150.0 | | .400 | A | 200J | .800 | B | 100NA | 100 | 26 | .100 |
| | 2N2552 | PG 541 B | | SOL,TII,MOT,KSC | 40 | 30 | 20.0 | 3.000 | 20.000 | C | 100J | .225 | G | 125UA | 20 | 40 | 1.000 |
| | 2N2553 | PG 541 B | | SOL,TII,MOT,KSC | 60 | 40 | 20.0 | 3.000 | 20.000 | C | 100J | .225 | G | 125UA | 30 | 40 | 1.000 |
| | 2N2554 | PG 541 B | | SOL,TII,MOT,KSC | 80 | 50 | 20.0 | 3.000 | 20.000 | C | 100J | .225 | G | 125UA | 20 | 40 | 1.000 |
| | 2N2555 | PG 541 B | | SOL,TII,MOT,KSC | 100 | 60 | 20.0 | 3.000 | 20.000 | C | 100J | .225 | G | 125UA | 50 | 40 | 1.000 |
| | 2N2556 | PG 541 A | | SOL,TII,MOT,KSC | 40 | 30 | 20.0 | 3.000 | 20.000 | C | 100J | .225 | G | 125UA | 20 | 40 | 1.000 |
| | 2N2557 | PG 541 A | | SOL,TII,MOT,KSC | 60 | 40 | 20.0 | 3.000 | 20.000 | C | 100J | .225 | G | 125UA | 30 | 40 | 1.000 |
| | 2N2558 | PG 541 A | | SOL,TII,MOT,KSC | 80 | 50 | 20.0 | 3.000 | 20.000 | C | 100J | .225 | G | 125UA | 40 | 40 | 1.000 |
| | 2N2559 | PG 541 A | | SOL,TII,MOT,KSC | 100 | 60 | 20.0 | 3.000 | 20.000 | C | 100J | .225 | G | 125UA | 50 | 40 | 1.000 |
| | 2N2560 | PG 541 B | | SOL,TII,MOT,KSC | 40 | 30 | 20.0 | 3.500 | 20.000 | C | 100J | .225 | G | 125UA | 20 | 40 | 3.000 |
| | 2N2561 | PG 541 B | | SOL,TII,MOT,KSC | 60 | 40 | 20.0 | 3.500 | 20.000 | C | 100J | .225 | G | 125UA | 30 | 40 | 3.000 |
| | 2N2562 | PG 541 B | | SOL,TII,MOT,KSC | 80 | 50 | 20.0 | 3.500 | 20.000 | C | 100J | .225 | G | 125UA | 40 | 40 | 3.000 |
| | 2N2563 | PG 541 B | | SOL,TII,MOT,KSC | 100 | 60 | 20.0 | 3.500 | 20.000 | C | 100J | .225 | G | 125UA | 50 | 40 | 3.000 |
| | 2N2564 | PG 211 | 5 | SOL,TII,MOT,KSC | 40 | 30 | 20.0 | 3.500 | 20.000 | C | 100J | .250 | G | 125UA | 20 | 40 | 3.000 |
| | 2N2565 | PG 211 | 5 | SOL,TII,MOT,KSC | 60 | 40 | 20.0 | 3.500 | 20.000 | C | 100J | .250 | G | 125UA | 30 | 40 | 3.000 |
| | 2N2566 | PG 211 | 5 | SOL,TII,MOT,KSC | 80 | 50 | 20.0 | 3.500 | 20.000 | C | 100J | .250 | G | 125UA | 40 | 40 | 3.000 |
| | 2N2567 | PG 211 | 5 | SOL,TII,MOT,KSC | 100 | 60 | 20.0 | 3.500 | 20.000 | C | 100J | .250 | G | 125UA | 50 | 40 | 3.000 |
| | 2N2569 | NS 210 | 18 | AMP | 20 | 15 | 5.0 | .100 | .300 | A | 175J | 100.000 | G | 10NA | 15 | 100 | |
| | 2N2570 | NS 210 | 18 | AMP | 20 | 15 | 5.0 | .100 | .300 | A | 175J | 100.000 | G | 10NA | 15 | 100 | |
| | 2N2580 | NS 405 | 36 | DEL | 400 | 400 | 5.0 | 10.000 | 150.000 | H | 150J | 2.000 | G | 250UA | 400 | 10 | 10.000 |
| | 2N2580M | NS 405 | 36 | DEL | 400 | 400 | 5.0 | 10.000 | 150.000 | H | | 2.500 | G | 5MA | 400 | 20 | 5.000 |
| | 2N2581 | NS 405 | 36 | DEL | 400 | 400 | 5.0 | 10.000 | 150.000 | H | 150J | 2.000 | G | 250UA | 400 | 16 | 10.000 |
| | 2N2582 | NS 405 | 36 | DEL | 500 | 500 | 5.0 | 10.000 | 150.000 | H | 150J | 2.000 | G | 250UA | 500 | 10 | 10.000 |
| | 2N2583 | NS 405 | 36 | DEL | 500 | 500 | 5.0 | 10.000 | 150.000 | H | 150J | 2.000 | G | 250UA | 500 | 16 | 10.000 |
| | 2N2586 | NS 211 | 18 | ITT,TII,RAY,NSC,SOL,TEC | 60 | 45 | 6.0 | .030 | .300 | A | 175J | 45.000 | G | 2NA | 45 | 300 | .010 |
| | 2N2590 | PS 211 | 46 | SOL,SSD,HUG | 100 | 60 | 7.0 | .050 | .400 | A | 200J | 50.000 | G | 25NA | 80 | 30 | .001 |
| | 2N2591 | PS 211 | 46 | SOL,SSD,HUG | 100 | 60 | 7.0 | .050 | .400 | A | 200J | 70.000 | G | 25NA | 80 | 53 | .001 |
| | 2N2592 | PS 211 | 46 | SOL,SSD,HUG | 100 | 60 | 7.0 | .050 | .400 | A | 200J | 90.000 | G | 25NA | 80 | 105 | .001 |
| | 2N2593 | PS 211 | 46 | SOL,SSD,HUG | 100 | 60 | 7.0 | .050 | .400 | A | 200J | 110.000 | G | 25NA | 80 | 150 | .001 |
| | 2N2594 | NS 211 | 5 | TRW,TEC,HUG | 80 | 80 | 7.0 | 1.000 | 5.000 | C | 200J | 40.000 | G | 100NA | 60 | 86 | .100 |
| | 2N2595 | PS 211 | 46 | SOL,HUG | 80 | 60 | 6.0 | .050 | .400 | A | 200J | 30.000 | G | 25NA | 50 | 30 | .005 |
| | 2N2596 | PS 211 | 46 | SOL,SSD,HUG | 80 | 60 | 6.0 | .050 | .400 | A | 200J | 40.000 | G | 25NA | 50 | 60 | .005 |
| | 2N2597 | PS 211 | 46 | SOL,SSD,HUG | 80 | 60 | 6.0 | .050 | .400 | A | 200J | 60.000 | G | 25NA | 50 | 120 | .005 |
| | 2N2598 | PS 210 | 46 | SES,SOL,TEC,HUG | 125 | 80 | 7.0 | .050 | .400 | A | 200J | 30.000 | G | 25NA | 80 | 30 | .005 |
| | 2N2599 | PS 210 | 46 | SES,SOL,SSD,TEC,HUG | 125 | 80 | 7.0 | .050 | .400 | A | 200J | 40.000 | G | 25NA | 80 | 60 | .005 |
| | 2N2599A | PS 211 | 46 | SOL,SSD,HUG | 125 | 100 | 7.0 | .050 | .400 | A | 200J | 40.000 | G | 25NA | 80 | 60 | .005 |
| | 2N2600 | PS 210 | 46 | SES,SOL,SSD,TEC,HUG | 125 | 80 | 7.0 | .050 | .400 | A | 200J | 60.000 | G | 25NA | 80 | 120 | .005 |
| | 2N2600A | PS 211 | 46 | SOL,SSD,HUG | 125 | 100 | 7.0 | .050 | .400 | A | 200J | 60.000 | G | 25NA | 80 | 120 | .005 |
| | 2N2601 | PS 211 | 46 | SOL,SSD,HUG | 60 | 60 | 6.0 | .050 | .400 | A | 200J | 20.000 | G | 25NA | 45 | 18 | .001 |
| | 2N2602 | PS 211 | 46 | SOL,SSD,HUG | 60 | 60 | 6.0 | .050 | .400 | A | 200J | 40.000 | G | 25NA | 45 | 38 | .001 |
| | 2N2603 | PS 211 | 46 | SOL,SSD,HUG | 60 | 60 | 6.0 | .050 | .400 | A | 200J | 60.000 | G | 25NA | 45 | 75 | .001 |
| | 2N2604 | PS 211 | 46 | TII,GIC,NSC,SOL,SSD,TEC | 60 | 45 | 6.0 | .030 | .400 | A | 200J | 30.000 | G | 10NA | 45 | 80 | .010 |
| | 2N2605 | PS 211 | 46 | RAY,TII,GIC,NSC,SOL,SSD | 60 | 45 | 6.0 | .030 | .400 | A | 200J | 30.000 | G | 10NA | 45 | 200 | .010 |
| | 2N2605A | PS 211 | 46 | SOL,SSD,HUG | 60 | 45 | 6.0 | .030 | .400 | A | 200J | 45.000 | G | 2NA | 45 | 225 | .001 |
| | 2N2610 | NS 10 F | | TEC,HUG | 45 | 40 | 1.0 | .025 | .150 | A | 150A | | | 2UA | 30 | 14 | .001 |
| - | 2N2611 | NS 635 B | | GEC | 120 | 100 | 1.0 | | 15.000 | C | 175J | 4.000 | G | 50UA | 120 | 22 | .200 |
| | 2N2612 | PG 605 | 3 | SOL | 65 | 65 | 30.0 | 15.000 | 90.000 | C | 100J | .004 | E | 15MA | 65 | 147 | 10.000 |
| | 2N2613 | PG 210 | 5 | ETC | 30 | 25R | 25.0 | .050 | .120 | A | 100J | 10.000 | B | 5UA | 20 | 200 | |
| | 2N2613+ | PG 120 | 1 | RCA | 30 | 25R | 25.0 | .050 | .120 | A | 100J | 10.000 | B | 5NA | 20 | 200 | |
| | 2N2614 | PG 120 | 1 | RCA | 40 | 35R | 25.0 | .050 | .120 | A | 100J | 10.000 | B | 5NA | 20 | 110 | |
| | 2N2615 | NS 211 | 18 | HUG | 30 | 15 | 3.0 | | .300 | A | 200J | 500.000 | G | 1NA | 15 | 70 | .010 |
| | 2N2616 | NS 211 | 18 | HUG,FSC | 30 | 15 | 3.0 | .050 | .300 | A | 200J | 600.000 | G | 10NA | 15 | 50 | .003 |
| | 2N2618 | NS 211 | 5 | TRW | 60 | 40 | 7.0 | .750 | .600 | A | 250J | 200.000 | G | 250NA | 25 | 50 | |
| - | 2N2618/46 | NS 211 | 46 | SYL | 60 | 40 | 7.0 | .750 | .600 | A | 250J | 200.000 | G | 250NA | 25 | 50 | |
| | 2N2631 | SEE RF POWER SECTION | | | | | | | | | | | | | | | |
| | 2N2632 | NS 560 | 62 | SOL,HUG | 90 | 60 | 8.0 | 5.000 | 40.000 | C | 200J | 60.000 | G | 100NA | 60 | 80 | 1.000 |
| | 2N2633 | NS 560 | 62 | SOL,HUG | 120 | 80 | 8.0 | 5.000 | 40.000 | C | 200J | 60.000 | G | 100NA | 60 | 80 | 1.000 |
| | 2N2634 | NS 560 | 62 | SOL,HUG | 150 | 100 | 8.0 | 5.000 | 40.000 | C | 200J | 60.000 | G | 100NA | 60 | 80 | 1.000 |
| | 2N2635 | PG 210 | 18 | TII,MOT | 30 | 15 | 2.5 | .100 | .150 | A | 100J | 150.000 | G | 5UA | 25 | 160 | .050 |
| | 2N2636 | PG 607 | 41 | SOL | 100 | 100S | | 25.000 | 100.000 | C | 110J | .010 | E | 10MA | 100 | 80 | |
| | 2N2637 | PG 607 | 41 | SOL | 100 | | | 25.000 | 100.000 | C | 110J | .010 | E | 300UA | 2 | 40 | 9.999 |
| | 2N2638 | PG 607 | 41 | SOL | 100 | 100S | | 25.000 | 100.000 | C | 110J | .010 | E | 10MA | 100 | 80 | |
| | 2N2645 | NS 211 | 18 | SES,RAY,FSC | 75 | 50R | 7.0 | | .500 | A | 200J | 60.000 | G | 10NA | 60 | 160 | .150 |
| - | 2N2648 | PG 211 | 5 | GTC | 35 | 10 | 30.0 | | .300 | A | 100J | 10.000 | G | 5UA | 15 | 300 | |
| - | 2N2651 | NS 211 | 18 | FSC | 40 | 20 | 5.0 | .500 | .360 | A | 200J | 350.000 | G | 30NA | 20 | 37 | .010 |
| | 2N2654 | PG 217 | 12 | AMP | 32 | 32S | .5 | .010 | .150 | A | 85J | 125.000 | G | 8UA | 10 | 50 | |
| | 2N2656 | NS 210 | 18 | TRW | 25 | 15 | 5.0 | .200 | .360 | A | 200J | 250.000 | G | 500NA | 15 | 66 | .001 |
| | 2N2657 | NS 211 | 5 | SOL,SSP,STC,NSC,HUG | 80 | 60 | 8.0 | 5.000 | 1.250 | A | 200J | 20.000 | G | 100NA | 60 | 80 | 1.000 |
| | 2N2658 | NS 211 | 5 | SOL,SSP,STC,NSC,HUG | 100 | 80 | 8.0 | 5.000 | 1.250 | A | 200J | 20.000 | G | 100NA | 60 | 80 | 1.000 |
| | 2N2659 | PG 211 | 11 | TII,KSC | 50 | 50 | 20.0 | 3.000 | 15.000 | A | 100A | .280 | G | 125UA | 25 | 70 | |
| | 2N2660 | PG 211 | 11 | TII,KSC | 70 | 70 | 20.0 | 3.000 | 15.000 | A | 100A | .280 | G | 125UA | 35 | 70 | |
| | 2N2661 | PG 211 | 11 | TII,KSC | 50 | 50 | 20.0 | 3.000 | 15.000 | A | 100A | .300 | G | 125UA | 25 | 110 | |
| | 2N2662 | PG 541 B | | TII,KSC | 50 | 50 | 20.0 | 3.000 | 15.000 | A | 100A | .280 | G | 125UA | 45 | 70 | |
| | 2N2663 | PG 541 B | | TII,KSC | 70 | 70 | 20.0 | 3.000 | 15.000 | A | 100A | .280 | G | 125UA | 35 | 70 | |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) Cond. | | | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ $I_C$(A) | |
| | 2N2664 | PG 541 B | | TII,KSC | 90 | 90 | 20.0 | 3.000 | 15.000 | A | 100A | .280 | G | 125UA | 45 | 70 | |
| | 2N2665 | PG 211 | 11 | TII,KSC | 70 | 70 | 20.0 | 3.000 | 15.000 | A | 100A | .300 | G | 125UA | 35 | 110 | |
| | 2N2666 | PG 211 | 11 | TII,KSC | 90 | 90 | 20.0 | 3.000 | 15.000 | A | 100A | .300 | G | 125UA | 45 | 110 | |
| | 2N2667 | PG 211 | 11 | TII,KSC | 90 | 90 | 20.0 | 3.000 | 15.000 | A | 100A | .300 | G | 125UA | 45 | 110 | |
| | 2N2668 | PG 541 B | | TII,KSC | 50 | 50 | 20.0 | 3.000 | 15.000 | A | 100A | .300 | G | 125UA | 25 | 110 | |
| | 2N2669 | PG 541 B | | TII,KSC | 70 | 70 | 20.0 | 3.000 | 15.000 | A | 100A | .300 | G | 125UA | 35 | 110 | |
| | 2N2670 | PG 541 B | | TII,KSC | 90 | 90 | 20.0 | 3.000 | 15.000 | A | 100A | .300 | G | 125UA | 45 | 110 | |
| | 2N2671 | PG 217 | 12 | AMP | 32 | 14 | 1.0 | .010 | .100 | A | 75J | 44.000 | G | 8UA | 6 | 140 | |
| | 2N2672 | PG 210 | 39 | AMP | 32 | 14 | 1.0 | .010 | .100 | A | 85J | 44.000 | G | 8UA | 6 | 140 | |
| - | 2N2673 | NS 210 | 46 | GEC | 60 | 45 | 3.0 | .025 | .250 | A | 175J | 2.500 | B | 100NA | 30 | 16 | |
| - | 2N2674 | NS 210 | 46 | GEC | 60 | 45 | 3.0 | .025 | .250 | A | 175J | 5.000 | B | 100NA | 30 | 32 | |
| - | 2N2675 | NS 210 | 46 | GEC | 60 | 45 | 3.0 | .025 | .250 | A | 175J | 10.000 | B | 100NA | 30 | 46 | |
| - | 2N2676 | NS 210 | 46 | GEC | 60 | 45 | 3.0 | .025 | .250 | A | 175J | 10.000 | B | 100NA | 30 | 150 | |
| - | 2N2677 | NS 210 | 46 | GEC | 45 | 35 | 2.0 | .025 | .250 | A | 175J | 10.000 | B | 100NA | 330 | 38 | |
| - | 2N2678 | NS 210 | 46 | GEC | 45 | 35 | 2.0 | .025 | .250 | A | 175J | 20.000 | B | 100NA | 30 | 100 | |
| | 2N2691 | PG 607 | 41 | SOL | 100 | | | 50.000 | 100.000 | C | 110J | .010 | E | 5MA | 100 | 55 | 20.000 |
| | 2N2691A | PG 607 | 41 | SOL | 120 | | | 50.000 | 170.000 | C | 110J | .010 | E | 5MA | 120 | 75 | 20.000 |
| - | 2N2692 | NS 211 | 18 | TII | 45 | 30 | 10.0 | .050 | .300 | A | 175J | 42.000 | G | 10NA | 25 | 200 | |
| - | 2N2693 | NS 211 | 18 | TII | 45 | 30 | 10.0 | .050 | .300 | A | 175J | 42.000 | G | 10NA | 25 | 120 | |
| - | 2N2694 | NS 211 | 18 | TII | 45 | 20 | 10.0 | .050 | .300 | A | 175J | 42.000 | G | 10NA | 25 | 60 | |
| | 2N2695 | PS 211 | 46 | RAY,TEC,MOT,HUG,FSC,TIL | 25 | 25 | 4.0 | .500 | .360 | A | 200J | 100.000 | G | 25NA | 10 | 80 | |
| | 2N2696 | PS 211 | 18 | RAY,TEC,HUG,FSC,ITT,TIL | 25 | 25 | 4.0 | .500 | .360 | A | 200J | 100.000 | G | 25NA | 10 | 80 | .050 |
| | 2N2697 | NS 490 A | | SOL,HUG | 80 | 60 | 8.0 | 5.000 | 20.000 | C | 200J | 60.000 | G | 100NA | 60 | 80 | 1.000 |
| | 2N2698 | NS 490 A | | SOL,HUG | 100 | 80 | 8.0 | 5.000 | 20.000 | C | 200J | 60.000 | G | 100NA | 60 | 80 | 1.000 |
| | 2N2706 | PG 120 | 1 | AMP | 32 | 32S | 10.0 | .200 | .165 | A | 75J | 1.300 | G | 200UA | 32 | 120 | |
| | 2N2707 | | | M.P.2N2706,2N2430 | | | | | | | | | | | | | |
| | 2N2708 | NS 217 | 72 | RCA,RAY,GIC,HUG | 35 | 20 | 3.0 | .500 | .100 | A | 200J | 700.000 | G | 10NA | 15 | 100 | .002 |
| | 2N2710 | NS 211 | 18 | MOT | 40 | 20 | 5.0 | .500 | .360 | A | 200J | 500.000 | G | 30NA | 20 | 60 | .010 |
| | 2N2711 | NS 45 | 98 | GEC,SPR,HUG | 18 | 18 | 5.0 | .100 | .200 | A | 100J | 200.000 | G | 500UA | 18 | 60 | |
| | 2N2712 | NS 45 | 98 | SPR,HUG | 18 | 18 | 5.0 | .100 | .200 | A | 100J | 300.000 | G | 500UA | 18 | 150 | |
| | 2N2713 | NS 45 | 98 | GEC,SPR,SES,HUG | 18 | 18 | 5.0 | .200 | .200 | A | 100J | 150.000 | G | 500NA | 18 | 60 | |
| | 2N2714 | NS 45 | 98 | GEC,SPR,SES,HUG | 18 | 18 | 5.0 | .200 | .200 | A | 100J | 200.000 | G | 500UA | 18 | 150 | |
| - | 2N2715 | NS 45 | 98 | GEC | 18 | 18 | 5.0 | .025 | .200 | A | 100J | 100.000 | G | 500UA | 18 | 60 | |
| - | 2N2716 | NS 45 | 98 | GEC | 18 | 18 | 5.0 | .025 | .200 | A | 100J | 150.000 | G | 500UA | 18 | 150 | |
| | 2N2726 | NS 211 | 5 | TEC,HUG,GEC | 200 | 200R | 10.0 | | 1.000 | A | 200J | 15.000 | G | 1UA | 100 | 60 | .200 |
| | 2N2727 | NS 211 | 5 | TEC,HUG | 200 | 200R | 10.0 | | 1.000 | A | 200J | 15.000 | G | 1UA | 100 | 120 | .200 |
| | 2N2728 | PG 405 | 36 | MOT | 15 | 5 | 15.0 | 50.000 | 170.000 | C | 110J | .003 | E | 10MA | 15 | 74 | 9.999 |
| | 2N2729 | NS 211 | 46 | FSC | 30 | 15 | 3.0 | .050 | .300 | A | 200J | 600.000 | G | 10NA | 15 | 50 | .003 |
| | 2N2730 | PG 405 | 36 | SOL,HUG | 80 | 60 | 30.0 | 65.000 | 170.000 | C | 110J | .350 | G | 5MA | 80 | 70 | 25.000 |
| | 2N2731 | PG 405 | 36 | SOL,HUG | 60 | 45 | 30.0 | 65.000 | 170.000 | C | 110J | .350 | G | 5MA | 60 | 70 | 25.000 |
| | 2N2732 | PG 405 | 36 | SOL,HUG | 40 | 30 | 20.0 | 65.000 | 170.000 | C | 110J | .350 | G | 5MA | 40 | 70 | 25.000 |
| | 2N2733 | PG 176 E | | SOL,HUG | 80 | 60 | 30.0 | 65.000 | 140.000 | C | 110J | .350 | G | 5MA | 80 | 70 | 25.000 |
| | 2N2734 | PG 176 E | | SOL,HUG | 60 | 45 | 30.0 | 65.000 | 140.000 | C | 110J | .350 | G | 5MA | 60 | 70 | 25.000 |
| | 2N2735 | PG 176 E | | SOL | 40 | 30 | 20.0 | 65.000 | 140.000 | C | 110J | .350 | G | 5MA | 40 | 70 | 25.000 |
| | 2N2736 | PG 571 A | | SOL,HUG | 80 | 60 | 3.0 | 65.000 | 140.000 | C | 110J | .350 | G | 5MA | 80 | 70 | 25.000 |
| | 2N2737 | PG 571 A | | SOL,HUG | 60 | 45 | 3.0 | 65.000 | 140.000 | C | 110J | .350 | G | 5MA | 60 | 70 | 25.000 |
| | 2N2738 | PG 571 A | | SOL,HUG | 40 | 30 | 3.0 | 65.000 | 140.000 | C | 110J | .350 | G | 5MA | 40 | 70 | 25.000 |
| | 2N2739 | NS 412 | 82 | WHE,ETC,SPC,SEN | 50 | 50 | 15.0 | 20.000 | 200.000 | C | 175J | .200 | G | 5MA | 50 | 15 | 10.000 |
| | 2N2740 | NS 412 | 82 | WHE,ETC,SPC,SEN | 100 | 100 | 15.0 | 20.000 | 200.000 | C | 175J | .200 | G | 5MA | 100 | 15 | 10.000 |
| | 2N2741 | NS 412 | 82 | WHE,ETC,SPC,SEN | 150 | 150 | 15.0 | 20.000 | 200.000 | C | 175J | .200 | G | 5MA | 150 | 15 | 10.000 |
| | 2N2742 | NS 412 | 82 | WHE,ETC,SPC,SEN | 200 | 200 | 15.0 | 20.000 | 200.000 | C | 175J | .200 | G | 5MA | 200 | 15 | 10.000 |
| | 2N2745 | NS 412 | 82 | WHE,SPC,SEN | 50 | 50 | 15.0 | 20.000 | 200.000 | C | 175J | .200 | G | 30MA | 50 | 15 | 15.000 |
| | 2N2746 | NS 412 | 82 | WHE,SPC,SEN | 100 | 100 | 15.0 | 20.000 | 200.000 | C | 175J | .200 | G | 30MA | 100 | 15 | 15.000 |
| | 2N2747 | NS 412 | 82 | WHE,SPC,SEN | 150 | 150 | 15.0 | 20.000 | 200.000 | C | 175J | .200 | G | 30MA | 150 | 15 | 15.000 |
| | 2N2748 | NS 412 | 82 | WHE,SPC,SEN | 200 | 200 | 15.0 | 20.000 | 200.000 | C | 175J | .200 | G | 30MA | 200 | 15 | 15.000 |
| | 2N2751 | NS 412 | 82 | WHE,SPC,SEN | 50 | 50 | 15.0 | 20.000 | 200.000 | C | 175J | .200 | G | 30MA | 50 | 15 | 20.000 |
| | 2N2752 | NS 412 | 82 | WHE,SPC,SEN | 100 | 100 | 15.0 | 20.000 | 200.000 | C | 175J | .200 | G | 30MA | 100 | 15 | 20.000 |
| | 2N2753 | NS 412 | 82 | WHE,SPC,SEN | 150 | 150 | 15.0 | 20.000 | 200.000 | C | 175J | .200 | G | 30MA | 150 | 15 | 20.000 |
| | 2N2754 | NS 412 | 82 | WHE,SPC,SEN | 200 | 200 | 15.0 | 20.000 | 200.000 | C | 175J | .200 | G | 30MA | 200 | 15 | 20.000 |
| | 2N2757 | NS 561 F | | WHE,SPC,SEN | 50 | 50 | 15.0 | 30.000 | 200.000 | C | 175J | .200 | G | 30MA | 50 | 14 | 10.000 |
| | 2N2758 | NS 561 F | | WHE,SPC,SEN | 100 | 100 | 15.0 | 30.000 | 200.000 | C | 175J | .200 | G | 30MA | 150 | 14 | 10.000 |
| | 2N2759 | NS 561 F | | WHE,SPC,SEN | 150 | 150 | 15.0 | 30.000 | 200.000 | C | 175J | .200 | G | 30MA | 150 | 14 | 10.000 |
| | 2N2760 | NS 561 F | | WHE,SPC,SEN | 200 | 200 | 15.0 | 30.000 | 200.000 | C | 175J | .200 | G | 30MA | 150 | 14 | 10.000 |
| | 2N2761 | NS 561 F | | WHE,SPC,SEN | 250 | 250 | 15.0 | 30.000 | 200.000 | C | 175J | .200 | G | 30MA | 150 | 14 | 10.000 |
| | 2N2763 | NS 561 F | | WHE,SPC,SEN | 50 | 50 | 15.0 | 30.000 | 200.000 | C | 175J | .200 | G | 30MA | 50 | 14 | 15.000 |
| | 2N2764 | NS 561 F | | WHE,SPC,SEN | 100 | 100 | 15.0 | 30.000 | 200.000 | C | 175J | .200 | G | 30MA | 100 | 14 | 15.000 |
| | 2N2765 | NS 561 F | | WHE,SPC,SEN | 150 | 150 | 15.0 | 30.000 | 200.000 | C | 175J | .200 | G | 30MA | 150 | 14 | 15.000 |
| | 2N2766 | NS 561 F | | WHE,SPC,SEN | 200 | 200 | 15.0 | 30.000 | 200.000 | C | 175J | .200 | G | 30MA | 200 | 14 | 15.000 |
| | 2N2769 | NS 561 F | | WHE,SPC,SEN | 50 | 50 | 15.0 | 30.000 | 200.000 | C | 175J | .200 | G | 30MA | 50 | 13 | 20.000 |
| | 2N2770 | NS 561 F | | WHE,SPC,SEN | 100 | 100 | 15.0 | 30.000 | 200.000 | C | 175J | .200 | G | 30MA | 100 | 13 | 20.000 |
| | 2N2771 | NS 561 F | | WHE,SPC,SEN | 150 | 150 | 15.0 | 30.000 | 200.000 | C | 175J | .200 | G | 30MA | 150 | 13 | 20.000 |
| | 2N2772 | NS 561 F | | WHE,SPC,SEN | 200 | 200 | 15.0 | 30.000 | 200.000 | C | 175J | .200 | G | 30MA | 200 | 13 | 20.000 |
| | 2N2775 | NS 561 F | | WHE,SPC,SEN | | 50 | 15.0 | 30.000 | 200.000 | H | 175J | .200 | G | 30MA | 50 | 12 | 25.000 |
| | 2N2776 | NS 561 F | | WHE,SPC,SEN | | 100 | 15.0 | 30.000 | 200.000 | H | 175J | .200 | G | 30MA | 100 | 12 | 25.000 |
| | 2N2777 | NS 561 F | | WHE,SPC,SEN | | 150 | 15.0 | 30.000 | 200.000 | H | 175J | .200 | G | 30MA | 150 | 12 | 25.000 |
| | 2N2778 | NS 561 F | | WHE,SPC,SEN | | 200 | 15.0 | 30.000 | 200.000 | H | 175J | .200 | G | 30MA | 200 | 12 | 25.000 |
| | 2N2781 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N2782 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N2783 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N2784 | NS 211 | 18 | TEC,HUG | 15 | 6 | 4.0 | | .300 | A | 200J | 990.000 | G | 5NA | 5 | 80 | .010 |
| - | 2N2784/46 | NS 210 | 46 | SYL | 15 | 6 | 4.0 | | .300 | A | 200J | 990.000 | G | 5NA | 5 | 80 | |
| - | 2N2784/51 | NS 910 | 51 | SYL | 15 | 6 | 4.0 | | .300 | A | 200J | 990.000 | G | 5NA | 5 | 80 | |
| - | 2N2786 | PG 211 | 39 | AMP | 35 | 32 | | .150 | .260 | A | 90J | 225.000 | G | 10UA | 10 | 80 | |
| - | 2N2786A | PG 211 | 39 | AMP | 35 | 34S | | .150 | 1.500 | A | 90J | 225.000 | G | 10UA | 10 | 66 | |
| - | 2N2787 | NS 210 | 5 | SPR | 75 | 35 | | .800 | .280 | A | 175J | 250.000 | G | 10NA | 50 | 40 | |
| - | 2N2788 | NS 210 | 5 | GIC | 75 | 35 | 5.0 | .800 | .800 | C | 175J | 250.000 | G | 10NA | 50 | 80 | |
| - | 2N2789 | NS 210 | 5 | GIC | 75 | 35 | 5.0 | .800 | .800 | C | 175J | 250.000 | G | 10NA | 50 | 200 | |
| - | 2N2790 | NS 210 | 18 | SPR | 75 | 35 | | .800 | .500 | C | 175J | 250.000 | G | 10NA | 50 | 40 | |
| - | 2N2791 | NS 210 | 18 | GIC | 75 | 35 | | .800 | .500 | C | 175J | 250.000 | G | 10NA | 50 | 80 | |
| - | 2N2792 | NS 210 | 18 | GIC | 75 | 35 | | .800 | .500 | C | 175J | 250.000 | G | 10NA | 50 | 200 | |
| | 2N2795 | PG 210 | 18 | SPR,HUG | 25 | 25S | 2.5 | .100 | .075 | C | 100J | 300.000 | G | 3UA | 15 | 100 | |
| | 2N2796 | PG 210 | 18 | SPR,HUG | 20 | 12 | 2.0 | .100 | .075 | A | 100J | 300.000 | G | 3UA | 15 | 60 | |
| - | 2N2797 | PG 170 | 9 | SPR | 40 | 20 | 2.5 | .100 | .075 | A | 100J | 150.000 | G | 2UA | 15 | 80 | |
| - | 2N2798 | PG 170 | 9 | SPR | 60 | 25 | 2.5 | .100 | .075 | A | 100J | 120.000 | G | 3UA | 15 | 50 | |
| - | 2N2799 | PG 170 | 9 | SPR | 30 | 15 | 2.0 | .100 | .075 | A | 100J | 120.000 | G | 3UA | 15 | 50 | |
| | 2N2800 | PS 211 | 5 | RAY,MOT,HUG | 50 | 35 | 5.0 | .800 | .800 | A | 200J | 120.000 | G | 100NA | 25 | 50 | .150 |
| | 2N2801 | PS 211 | 5 | RAY,MOT,HUG | 50 | 35 | 5.0 | .800 | .800 | A | 200J | 120.000 | G | 100NA | 25 | 120 | .150 |
| | 2N2811 | NS 561 | 61 | WHE,SOL,HUG | 80 | 60 | 8.0 | 10.000 | 40.000 | H | 200J | 20.000 | G | 100NA | 60 | 40 | 5.000 |
| | 2N2812 | NS 561 | 61 | WHE,SOL,HUG | 80 | 60 | 8.0 | 10.000 | 40.000 | H | 200J | 30.000 | G | 100NA | 60 | 80 | 5.000 |
| | 2N2813 | NS 561 | 61 | WHE,SOL,HUG | 120 | 80 | 8.0 | 10.000 | 40.000 | H | 200J | 20.000 | G | 100NA | 60 | 40 | 5.000 |
| | 2N2814 | NS 561 | 61 | WHE,SOL,HUG | 120 | 80 | 8.0 | 10.000 | 40.000 | H | 200J | 30.000 | G | 100NA | 60 | 80 | 5.000 |
| | 2N2815 | NS 561 | 63 | SES,SPC,STC | 80 | 80 | 10.0 | 20.000 | 200.000 | C | 200J | .600 | G | 2MA | 80 | 22 | 10.000 |
| | 2N2816 | NS 561 | 63 | ETC,SES,SPC,STC | 100 | 100 | 10.0 | 20.000 | 200.000 | C | 200J | .600 | G | 2MA | 100 | 22 | 10.000 |
| | 2N2817 | NS 561 | 63 | SES,SPC,STC | 150 | 150 | 10.0 | 20.000 | 200.000 | C | 200J | .600 | G | 2MA | 150 | 22 | 10.000 |
| | 2N2818 | NS 561 | 63 | ETC,SES,SPC,STC | 200 | 200 | 10.0 | 20.000 | 200.000 | C | 200J | .600 | G | 2MA | 100 | 22 | 10.000 |
| | 2N2819 | NS 561 | 63 | SES,SPC,STC | 80 | 80 | 10.0 | 25.000 | 200.000 | C | 200C | .600 | G | 2MA | 80 | 22 | 15.000 |
| | 2N2820 | NS 561 | 63 | SES,SPC,STC | 100 | 100 | 10.0 | 25.000 | 200.000 | C | 200C | .600 | G | 2MA | 100 | 22 | 15.000 |
| | 2N2821 | NS 561 | 63 | SES,SPC,STC | 150 | 150 | 10.0 | 25.000 | 200.000 | C | 200C | .600 | G | 2MA | 150 | 22 | 15.000 |
| | 2N2822 | NS 561 | 63 | SES,SPC,STC | 200 | 200 | 10.0 | 25.000 | 200.000 | C | 200C | .600 | G | 2MA | 200 | 22 | 15.000 |
| | 2N2823 | NS 561 | 63 | SES,SPC,STC | 80 | 80 | 10.0 | 30.000 | 200.000 | C | 200C | .600 | G | 2MA | 80 | 20 | 20.000 |
| | 2N2824 | NS 561 | 63 | SES,SPC,STC | 100 | 100 | 10.0 | 30.000 | 200.000 | C | 200C | .600 | G | 2MA | 100 | 20 | 20.000 |
| | 2N2825 | NS 561 | 63 | SES,SPC,STC | 150 | 150 | 10.0 | 30.000 | 200.000 | C | 200C | .600 | G | 2MA | 150 | 20 | 20.000 |
| - | 2N2826 | PG 631 | 37 | DEL | 25 | 15 | 15.0 | .500 | 7.500 | C | 100J | .017 | E | 200UA | 25 | 130 | |
| - | 2N2827 | PG 631 | 37 | DEL | 40 | 30 | 20.0 | .500 | 7.500 | C | 100J | .017 | E | 200UA | 40 | 130 | |
| | 2N2828 | NS 561 | 59 | STC | | 60 | | 3.000 | 40.000 | C | | | | 150UA | 80 | 35 | .500 |
| | 2N2829 | NS 561 | 59 | STC | | 60 | | 3.000 | 40.000 | C | | | | 150UA | 80 | 35 | 1.000 |
| | 2N2831 | NS 211 | 18 | TRW | 40 | 12 | 3.0 | | 1.200 | C | | 250.000 | G | 30NA | 15 | 50 | .010 |
| | 2N2832 | PG 605 | 3 | MOT | 80 | 50 | 2.0 | 20.000 | 85.000 | C | 110J | 10.000 | G | 10MA | 80 | 75 | 1.000 |
| | 2N2833 | PG 605 | 3 | MOT | 120 | 75 | 2.0 | 20.000 | 85.000 | C | 110J | 10.000 | G | 10MA | 120 | 75 | 1.000 |
| | 2N2834 | PG 605 | 3 | MOT | 140 | 100 | 2.0 | 20.000 | 85.000 | C | 110J | 10.000 | G | 10MA | 140 | 75 | 1.000 |
| | 2N2836 | PG 605 | 3 | AMP | 55 | 55 | 20.0 | 3.500 | 35.000 | C | 75J | .350 | G | 50UA | 1 | 60 | |
| | 2N2837 | PS 211 | 18 | RAY,MOT,GIC,HUG | 50 | 35 | 5.0 | .800 | .500 | A | 200J | 120.000 | G | 100NA | 25 | 60 | .150 |
| | 2N2838 | PS 211 | 18 | RAY,MOT,ITT,GIC,HUG | 50 | 35 | 5.0 | .800 | .500 | A | 200J | 120.000 | G | 100NA | 25 | 150 | .150 |
| | 2N2845 | NS 211 | 18 | FSC,MOT,TEC,HUG | 60 | 30 | 5.0 | .800 | .360 | A | 200J | 250.000 | G | 100NA | 50 | 70 | .150 |
| | 2N2846 | NS 211 | 5 | FSC,MOT,TEC,HUG | 60 | 30 | 5.0 | .800 | .800 | A | 200J | 250.000 | G | 100NA | 50 | 70 | .150 |
| | 2N2847 | NS 211 | 18 | FSC,MOT,TEC,HUG | 60 | 20 | 5.0 | | .360 | A | 200J | 250.000 | G | 100NA | 50 | 90 | .150 |
| | 2N2848 | NS 211 | 5 | FSC,MOT,TEC,HUG | 60 | 20 | 5.0 | | .800 | A | 200J | 250.000 | G | 100NA | 50 | 90 | .150 |
| | 2N2849 | NS 211 B | | SSP,HUG | 100 | 80 | 5.0 | 3.000 | .850 | A | 200J | 40.000 | G | 100NA | 80 | 90 | |
| | 2N2849-1 | NS 211 | 5 | SSP | 100 | 80 | 5.0 | 3.000 | .850 | A | 200J | 40.000 | G | 100NA | 80 | 90 | |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Condition | Cutoff $I_{CBO}$ @ $V_{CB}$ | | Gain $h_{FE}$ @ $I_C$(A) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | | | | |
| | 2N2849-2 | NS 581 B | | SSP | 100 | 80 | 5.0 | 3.000 | 5.000 | H | 200 | J | 40.000 | G | 100NA | 80 | 90 | |
| | 2N2849-3 | NS 546 A | | SSP | 100 | 80 | 5.0 | 3.000 | 5.000 | H | 200 | J | 40.000 | G | 100NA | 80 | 90 | |
| | 2N2850 | NS 211 B | | SSP,HUG | 100 | 80 | 5.0 | 3.000 | .850 | A | 200 | J | 30.000 | G | 100NA | 80 | 50 | |
| | 2N2850-1 | NS 211 | 5 | SSP | 100 | 80 | 5.0 | 3.000 | .850 | A | 200 | J | 30.000 | G | 100NA | 80 | 50 | |
| | 2N2850-2 | NS 581 B | | SSP | 100 | 80 | 5.0 | 3.000 | 5.000 | H | 200 | J | 30.000 | G | 100NA | 80 | 50 | |
| | 2N2850-3 | NS 546 A | | SSP | 100 | 80 | 5.0 | 3.000 | 5.000 | H | 200 | J | 30.000 | G | 100NA | 80 | 50 | |
| | 2N2851 | NS 211 B | | SSP,HUG | 100 | 80 | 5.0 | 3.000 | .850 | A | 200 | J | 30.000 | G | 100NA | 80 | 50 | |
| | 2N2851-1 | NS 211 | 5 | SSP | 100 | 80 | 5.0 | 3.000 | .850 | A | 200 | J | 30.000 | G | 100NA | 80 | 50 | |
| | 2N2851-2 | NS 581 B | | SSP | 100 | 80 | 5.0 | 3.000 | 5.000 | H | 200 | J | 30.000 | G | 100NA | 80 | 50 | |
| | 2N2851-3 | NS 546 A | | SSP | 100 | 80 | 5.0 | 3.000 | 5.000 | H | 200 | J | 30.000 | G | 100NA | 80 | 50 | |
| | 2N2852 | NS 211 B | | SSP,HUG | 100 | 80 | 5.0 | 3.000 | .850 | A | 200 | J | 20.000 | G | 100NA | 80 | 25 | |
| | 2N2852-1 | NS 211 | 5 | SSP | 100 | 80 | 5.0 | 3.000 | .850 | A | 200 | A | 20.000 | G | 100NA | 80 | 25 | |
| | 2N2852-2 | NS 581 B | | SSP | 100 | 80 | 5.0 | 3.000 | 5.000 | H | 200 | J | 20.000 | G | 100NA | 80 | 25 | |
| | 2N2852-3 | NS 546 A | | SSP | 100 | 80 | 5.0 | 3.000 | 5.000 | H | 200 | J | 20.000 | G | 100NA | 80 | 25 | |
| | 2N2853 | NS 211 B | | SSP,HUG | 60 | 40 | 5.0 | 3.000 | .850 | A | 200 | J | 30.000 | G | 100NA | 40 | 80 | |
| | 2N2853-1 | NS 211 | 5 | SSP | 60 | 40 | 5.0 | 3.000 | .850 | A | 200 | J | 30.000 | G | 100NA | 40 | 80 | |
| | 2N2853-2 | NS 581 B | | SSP | 60 | 40 | 5.0 | 3.000 | 5.000 | H | 200 | J | 30.000 | G | 100NA | 40 | 80 | |
| | 2N2853-3 | NS 546 A | | SSP | 60 | 40 | 5.0 | 3.000 | 5.000 | H | 200 | J | 30.000 | G | 100NA | 40 | 80 | |
| | 2N2854 | NS 211 B | | SSP,HUG | 60 | 40 | 5.0 | 3.000 | .850 | A | 200 | J | 40.000 | G | 100NA | 40 | 90 | |
| | 2N2854-1 | NS 211 | 5 | SSP | 60 | 40 | 5.0 | 3.000 | .850 | A | 200 | J | 40.000 | G | 100NA | 40 | 90 | |
| | 2N2854-2 | NS 581 B | | SSP | 60 | 40 | 5.0 | 3.000 | 5.000 | H | 200 | J | 40.000 | G | 100NA | 40 | 90 | |
| | 2N2854-3 | NS 546 A | | SSP | 60 | 40 | 5.0 | 3.000 | 5.000 | H | 200 | J | 40.000 | G | 100NA | 40 | 90 | |
| | 2N2855 | NS 211 B | | SSP,HUG | 60 | 40 | 5.0 | 3.000 | .850 | A | 200 | J | 30.000 | G | 100NA | 40 | 50 | |
| | 2N2855-1 | NS 211 | 5 | SSP | 60 | 40 | 5.0 | 3.000 | .850 | A | 200 | J | 30.000 | G | 100NA | 40 | 50 | |
| | 2N2855-2 | NS 581 B | | SSP | 60 | 40 | 5.0 | 3.000 | 5.000 | H | 200 | J | 30.000 | G | 100NA | 40 | 50 | |
| | 2N2855-3 | NS 546 A | | SSP | 60 | 40 | 5.0 | 3.000 | 5.000 | H | 200 | J | 30.000 | G | 100NA | 40 | 50 | |
| | 2N2856 | NS 211 B | | SSP,HUG | 60 | 40 | 5.0 | 3.000 | .850 | A | 200 | J | 20.000 | G | 100NA | 40 | 25 | |
| | 2N2856-1 | NS 211 | 5 | SSP | 60 | 40 | 5.0 | 3.000 | .850 | A | 200 | J | 20.000 | G | 100NA | 40 | 25 | |
| | 2N2856-2 | NS 581 B | | SSP | 60 | 40 | 5.0 | 3.000 | 5.000 | H | 200 | J | 20.000 | G | 100NA | 40 | 25 | |
| | 2N2856-3 | NS 546 A | | SSP | 60 | 40 | 5.0 | 3.000 | 5.000 | H | 200 | J | 20.000 | G | 100NA | 40 | 25 | |
| | 2N2857 | NS 217 | 72 | RCA,AMP,MOT,HUG | 30 | 15 | 2.5 | .020 | .300 | A | 200 | J | 900.000 | G | 10NA | 15 | 68 | .003 |
| | 2N2858 | NS 211 | 5 | STC,SEN | 100 | 80 | 10.0 | 3.000 | 8.750 | C | 200 | J | 1.000 | G | 150UA | 100 | 35 | 1.000 |
| | 2N2859 | NS 211 | 5 | STC,SEN | 120 | 100 | 10.0 | 3.000 | 8.750 | C | 200 | J | 1.000 | G | 150UA | 120 | 35 | 1.000 |
| | 2N2861 | PS 211 | 18 | TII,RAY,TEC,HUG | 25 | 20 | 5.0 | .100 | .300 | A | 200 | J | 60.000 | G | 10NA | 25 | 70 | .001 |
| | 2N2862 | PS 211 | 18 | TII,RAY,TEC,HUG | 25 | 20 | 5.0 | .100 | .300 | A | 200 | J | 45.000 | G | 10NA | 25 | 42 | .001 |
| - | 2N2863 | NS 211 | 5 | TII | 60 | 25 | 5.0 | 1.000 | .800 | A | 200 | J | 150.000 | G | 500NA | 30 | 110 | |
| - | 2N2864 | NS 211 | 5 | TII | 60 | 25 | 5.0 | 1.000 | .800 | A | 200 | J | 150.000 | G | 500NA | 30 | 110 | |
| | 2N2865 | NS 217 | 72 | RAY,HUG,TIL | 25 | 13 | 3.0 | .050 | .200 | A | 200 | J | 600.000 | G | 10NA | 15 | 110 | |
| | 2N2866 | NS 561 | 59 | HUG | 120 | 80 | | | 40.000 | C | 175 | J | .010 | G | | | 35 | .500 |
| | 2N2867 | NS 561 | 59 | HUG | 120 | 80 | | | 40.000 | C | 175 | J | .010 | G | | | 70 | .500 |
| | 2N2868 | NS 211 | 5 | ITT,SES,RAY,HUG,FSC | 60 | 40 | 7.0 | 1.000 | .800 | A | 200 | J | 50.000 | G | 10NA | 30 | 80 | .150 |
| | 2N2869 | PG 605 | 3 | ETC,HUG | 60 | 50 | 10.0 | 10.000 | 30.000 | C | 100 | J | .200 | G | 500UA | 30 | 90 | 1.000 |
| | 2N2869/2N301 | PG 605 | 3 | RCA,SOL | 60 | 50 | 10.0 | 10.000 | 30.000 | C | 100 | J | .200 | G | 500UA | 30 | 100 | 1.000 |
| | 2N2870 | PG 605 | 3 | ETC | 80 | 50 | 10.0 | 10.000 | 30.000 | C | 100 | J | .200 | G | 500UA | 30 | 90 | 1.000 |
| | 2N2870/2N301A | PG 605 | 3 | RCA,SOL | 80 | 50 | 10.0 | 10.000 | 30.000 | C | 100 | J | .200 | G | 500UA | 30 | 100 | 1.000 |
| | 2N2874 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2N2875 | PS 585 A | | TEC,HUG | 60 | 50 | 5.0 | 2.000 | 20.000 | C | 200 | C | 25.000 | G | 1UA | 30 | 30 | .050 |
| | 2N2876 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2N2877 | NS 581 | 111 | STC,SOL,TEC,HUG | 80 | 60 | 8.0 | 5.000 | 30.000 | H | 200 | J | 30.000 | G | 100NA | 60 | 40 | 1.000 |
| | 2N2878 | NS 581 | 111 | STC,SOL,NSC,TEC,HUG | 80 | 60 | 8.0 | 5.000 | 30.000 | H | 200 | J | 50.000 | G | 100NA | 60 | 80 | 1.000 |
| | 2N2879 | NS 581 | 111 | STC,SOL,TEC,HUG | 100 | 80 | 8.0 | 5.000 | 30.000 | H | 200 | J | 30.000 | G | 100NA | 60 | 40 | 1.000 |
| | 2N2880 | NS 581 | 111 | STC,SOL,NSC,TEC,HUG | 100 | 80 | 8.0 | 5.000 | 30.000 | H | 200 | J | 50.000 | G | 100NA | 60 | 80 | 1.000 |
| | 2N2881 | PS 211 | 5 | STC,CRY | 60 | 60 | 10.0 | 2.000 | 8.750 | C | 200 | J | .800 | G | 75UA | 60 | 35 | .500 |
| | 2N2882 | PS 211 | 5 | STC,CRY | 100 | 100 | 10.0 | 2.000 | 8.750 | C | 200 | J | .800 | G | 75UA | 100 | 35 | .500 |
| | 2N2883 | NS 211 | 5 | TIL | 40 | 20 | 4.0 | .300 | .800 | A | 200 | J | 400.000 | G | 500NA | 20 | 40 | .100 |
| | 2N2884 | NS 211 | 5 | TIL | 40 | 20 | 4.0 | .300 | .800 | A | 200 | J | 400.000 | G | 500NA | 20 | 40 | .100 |
| | 2N2886 | NS 211 | 5 | TRW | 50 | 40 | 5.0 | | .800 | A | | | AUD | | 100NA | 30 | 34 | .005 |
| | 2N2887 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2N2890 | NS 211 | 5 | FSC,SES,NSC,TEC,HUG | 100 | 80 | 5.0 | | .800 | A | 200 | J | 30.000 | G | 100NA | 60 | 56 | 1.000 |
| | 2N2891 | NS 211 | 5 | FSC,SES,NSC,TEC,HUG | 100 | 80 | 5.0 | | .800 | A | 200 | J | 30.000 | G | 100NA | 60 | 80 | 1.000 |
| | 2N2892 | NS 561 | 59 | FSC,NSC,TEC,HUG | 100 | 80 | 5.0 | | 30.000 | C | 200 | J | 30.000 | G | 100NA | 60 | 56 | 1.000 |
| | 2N2893 | NS 561 | 59 | FSC,NSC,TEC,HUG | 100 | 80 | 5.0 | | 30.000 | C | 200 | J | 30.000 | G | 100NA | 60 | 80 | 1.000 |
| | 2N2894 | NS 211 | 18 | MOT,TII,RAY,TEC,HUG,FSC | 12 | 12 | 4.0 | .200 | .360 | A | 200 | J | 400.000 | G | 10UA | 6 | 90 | .030 |
| | 2N2894A | PS 211 | 18 | FSC,TEC,HUG,ITT | 12 | 12 | 4.5 | | .360 | A | 200 | J | 800.000 | G | 50NA | 10 | 55 | .100 |
| | 2N2895 | NS 211 | 18 | RCA,RAY,TEC,MOT | 120 | 65 | 7.0 | 1.000 | .500 | A | 200 | J | 120.000 | G | 2NA | 60 | 80 | .150 |
| | 2N2896 | NS 211 | 18 | RCA,RAY,TEC,MOT | 140 | 90 | 7.0 | 1.000 | .500 | A | 200 | J | 120.000 | G | 10NA | 90 | 110 | .150 |
| | 2N2897 | NS 211 | 18 | RCA,RAY,TEC,MOT | 60 | 45 | 7.0 | 1.000 | .500 | A | 200 | J | 100.000 | G | 50NA | 60 | 110 | .150 |
| | 2N2898 | NS 211 | 46 | RAY,TEC | 120 | 65 | 7.0 | 1.000 | .500 | A | 200 | J | 120.000 | G | 2NA | 60 | 70 | .150 |
| | 2N2899 | NS 211 | 46 | RAY,TEC | 140 | 90 | 7.0 | 1.000 | .500 | A | 200 | J | 120.000 | G | 10NA | 90 | 110 | .150 |
| | 2N2900 | NS 211 | 46 | RAY,TEC | 60 | 45 | 7.0 | 1.000 | .500 | A | 200 | J | 100.000 | G | 50NA | 60 | 100 | .150 |
| - | 2N2902 | NS 461 | 57 | TII | 120 | 120 | 10.0 | .750 | 40.000 | C | 200 | C | 2.000 | G | 250UA | 120 | 52 | .500 |
| | 2N2904 | PS 211 | 5 | RAY,TII,SPR,MOT,FSC,GIC | 60 | 40 | 5.0 | .600 | .600 | A | 200 | J | 200.000 | G | 20NA | 50 | 80 | .150 |
| | 2N2904A | PS 211 | 5 | TII,GIC,SPR,RAY,MOT,FSC | 60 | 60 | 5.0 | .600 | .600 | A | 200 | J | 200.000 | G | 10NA | 50 | 80 | .150 |
| | 2N2905 | PS 211 | 5 | RAY,SPR,MOT,FSC,GIC,TII | 60 | 40 | 5.0 | .600 | .600 | A | 200 | J | 200.000 | G | 20NA | 50 | 200 | .150 |
| | 2N2905A | PS 211 | 5 | TII,SPR,RAY,MOT,FSC,GIC | 60 | 60 | 5.0 | .600 | .600 | A | 200 | J | 200.000 | G | 10NA | 50 | 200 | .150 |
| | 2N2906 | PS 211 | 18 | RAY,SPR,MOT,FSC,GIC,TII | 60 | 40 | 5.0 | .600 | .400 | A | 200 | J | 200.000 | G | 20NA | 50 | 80 | .150 |
| | 2N2906A | PS 211 | 18 | TII,SPR,RAY,MOT,FSC,GIC | 60 | 60 | 5.0 | .600 | .400 | A | 200 | J | 200.000 | G | 10NA | 50 | 80 | .150 |
| | 2N2907 | PS 211 | 18 | RAY,SPR,MOT,FSC,GIC,TII | 60 | 40 | 5.0 | .600 | .400 | A | 200 | J | 200.000 | G | 20NA | 50 | 200 | .150 |
| | 2N2907A | PS 211 | 18 | TII,SPR,RAY,MOT,FSC,GIC | 60 | 60 | 5.0 | .600 | .400 | A | 200 | J | 200.000 | G | 10NA | 50 | 200 | .150 |
| | 2N2909 | NS 211 | 46 | TRW | 60 | 40 | 7.0 | | 2.000 | C | | | 50.000 | G | 10NA | 15 | 70 | .150 |
| | 2N2911 | NS 211 | 5 | STC,SEN | 150 | 125 | 10.0 | 3.000 | 8.750 | C | 200 | J | 1.000 | G | 150UA | 150 | 35 | 1.000 |
| | 2N2912 | PG 171 L | | MOT | 15 | 5 | 1.5 | 25.000 | 75.000 | C | 110 | J | 10.000 | G | 10MA | 15 | 400 | 5.000 |
| | 2N2921 | NS 43 | 98 | SES | 25 | 25 | 5.0 | .100 | .200 | A | 100 | J | 200.000 | G | 500NA | 25 | 36 | .002 |
| | 2N2922 | NS 43 | 98 | SES | 25 | 25 | 5.0 | .100 | .200 | A | 100 | J | 200.000 | G | 500NA | 25 | 62 | .002 |
| | 2N2923 | NS 45 | 98 | GEC,SPR,SES,HUG | 25 | 25 | 5.0 | .100 | .200 | A | 100 | J | 160.000 | G | 500NA | 25 | 116 | .002 |
| | 2N2924 | NS 45 | 98 | GEC,SPR,SES,HUG | 25 | 25 | 5.0 | .100 | .200 | A | 100 | J | 160.000 | G | 500NA | 25 | 156 | .002 |
| | 2N2925 | NS 45 | 98 | GEC,SPR,SES,HUG | 25 | 25 | 5.0 | .100 | .200 | A | 100 | J | 160.000 | G | 500NA | 25 | 216 | .002 |
| | 2N2926-BRN | NS 45 | 98 | GEC,SPR,SES | 18 | 18 | 5.0 | .100 | .200 | A | 100 | J | 150.000 | G | 500NA | 18 | 50 | |
| | 2N2926-GRN | NS 45 | 98 | GEC,SPR,SES | 18 | 18 | 5.0 | .100 | .200 | A | 100 | J | 150.000 | G | 500NA | 18 | 350 | |
| | 2N2926-ORG | NS 45 | 98 | GEC,SPR,SES | 18 | 18 | 5.0 | .100 | .200 | A | 100 | J | 150.000 | G | 500NA | 18 | 135 | |
| | 2N2926-RED | NS 45 | 98 | GEC,SPR,SES | 18 | 18 | 5.0 | .100 | .200 | A | 100 | J | 150.000 | G | 500NA | 18 | 74 | |
| | 2N2926-YEL | NS 45 | 98 | GEC,SPR,SES | 18 | 18 | 5.0 | .100 | .200 | A | 100 | J | 150.000 | G | 530NA | 18 | 225 | |
| | 2N2927 | PS 211 | 5 | HUG,FSC | 25 | 25 | 4.0 | .500 | .800 | A | 200 | J | 100.000 | G | 25NA | 10 | 80 | .050 |
| | 2N2929 | PG 211 | 5 | MOT | 25 | 10 | .7 | .100 | .300 | A | 100 | J | 800.000 | G | 5UA | 10 | 30 | .010 |
| - | 2N2938 | NS 211 | 52 | RCA | 25 | 13 | 5.0 | .500 | .300 | A | 175 | C | 500.000 | G | | | 75 | |
| - | 2N2939 | NS 211 | 5 | BEN | 75 | 60 | 7.0 | 1.000 | 5.000 | C | 200 | J | 150.000 | G | 25NA | 60 | 140 | |
| - | 2N2940 | NS 211 | 5 | BEN | 120 | 80 | 7.0 | 1.000 | 5.000 | C | 200 | J | 150.000 | G | 25NA | 90 | 140 | |
| - | 2N2941 | NS 211 | 5 | BEN | 150 | 100 | 7.0 | 1.000 | 5.000 | C | 200 | J | 150.000 | G | 25NA | 100 | 140 | |
| - | 2N2942 | PG 170 | 9 | SPR | 50 | 25 | 2.5 | .100 | .150 | A | 100 | J | 150.000 | G | 2UA | 25 | 80 | |
| - | 2N2943 | PG 170 | 9 | SPR | 30 | 15 | 2.0 | .100 | .150 | A | 100 | J | 120.000 | G | 3UA | 15 | 50 | |
| | 2N2944 | PS 211 | 46 | RAY,SPR,TII,SOL,SSD,TEC | 15 | 10 | 15.0 | .100 | .400 | A | 200 | J | 10.000 | G | 1NA | 15 | 200 | .001 |
| | 2N2944A | PS 211 | 46 | TII,RAY,TEC,CRY,TIL | 15 | 10 | 15.0 | .100 | .400 | A | 200 | J | 15.000 | G | 1NA | 15 | 200 | .001 |
| | 2N2945 | PS 211 | 46 | RAY,SPR,TII,NSC,SOL,SSD | 25 | 20 | 25.0 | .100 | .400 | A | 200 | J | 5.000 | G | 1NA | 25 | 100 | .001 |
| | 2N2945A | PS 211 | 46 | TII,RAY,TEC,TIL,CRY | 25 | 20 | 25.0 | .100 | .400 | A | 200 | J | 10.000 | G | 1NA | 25 | 140 | .001 |
| | 2N2946 | PS 211 | 46 | RAY,SPR,TII,NSC,SOL,SSD | 40 | 35 | 40.0 | .100 | .400 | A | 200 | J | 3.000 | G | 1NA | 40 | 70 | .001 |
| | 2N2946A | PS 211 | 46 | TII,RAY,TEC,TIL,CRY | 40 | 35 | 40.0 | .100 | .400 | A | 200 | J | 5.000 | G | 1NA | 40 | 100 | .001 |
| | 2N2947 | NS 605 | 3 | MOT | 60 | 60S | 3.0 | 1.500 | 25.000 | C | 175 | J | 100.000 | G | 1UA | 50 | 21 | .400 |
| | 2N2948 | NS 605 | 3 | MOT | 40 | 40S | 2.0 | 1.500 | 25.000 | C | 175 | J | 100.000 | G | 1UA | 30 | 30 | .400 |
| | 2N2949 | NS 171 D | | MOT | 60 | 60S | 3.0 | .700 | .500 | A | 175 | J | 100.000 | G | 100NA | 50 | 30 | .040 |
| | 2N2950 | NS 546 | 102 | MOT | 60 | 60S | 3.0 | .700 | 6.000 | C | 175 | J | 100.000 | G | 100NA | 50 | 30 | .040 |
| | 2N2951 | NS 210 | 5 | MOT,TRW,SES,SPR,HUG | 60 | 60S | 5.0 | .250 | .800 | A | 175 | J | 200.000 | G | 100NA | 50 | 60 | .010 |
| | 2N2952 | NS 210 | 18 | MOT,TRW,SPR,HUG | 60 | 60S | 5.0 | .250 | .500 | A | 175 | J | 200.000 | G | 100NA | 50 | 60 | .010 |
| | 2N2953 | PG 120 | 1 | RCA | 30 | 25R | 25.0 | .150 | .120 | A | 100 | J | 1.000 | B | 5UA | 20 | 150 | |
| | 2N2955 | PG 210 | 18 | MOT | 40 | 25 | 3.5 | .100 | .150 | A | 100 | J | 200.000 | G | 10UA | 25 | 43 | .010 |
| | 2N2956 | PG 210 | 18 | MOT | 40 | 20 | 3.5 | .100 | .150 | A | 100 | J | 250.000 | G | 10UA | 25 | 64 | .010 |
| | 2N2957 | PG 210 | 18 | MOT | 40 | 18 | 3.5 | .100 | .150 | A | 100 | J | 300.000 | G | 10UA | 25 | 105 | .010 |
| | 2N2958 | NS 210 | 5 | SPR,MOT,TRW,RAY,HUG | 60 | 20 | 5.0 | .600 | .600 | A | 200 | J | 250.000 | G | 25NA | 50 | 80 | .150 |
| | 2N2959 | NS 210 | 5 | SPR,MOT,TRW,RAY,HUG | 60 | 20 | 5.0 | .600 | .600 | A | 200 | J | 250.000 | G | 25NA | 50 | 170 | .150 |
| | 2N2960 | NS 211 | 5 | TRW,RAY | 60 | 30 | 5.0 | | .600 | A | | | 500.000 | G | 25NA | 50 | 170 | .150 |
| | 2N2961 | NS 211 | 5 | TRW,RAY | 60 | 30 | 5.0 | | .600 | A | | | 500.000 | G | 25NA | 50 | 170 | .150 |
| - | 2N2962 | PG 546 C | | SPR | 40 | 18 | 1.5 | .300 | 3.000 | C | 100 | A | 700.000 | G | 5UA | 10 | | |
| - | 2N2963 | PG 546 C | | SPR | 40 | 18 | 1.0 | .300 | 3.000 | C | 100 | A | 700.000 | G | 5UA | 10 | | |
| - | 2N2964 | PG 546 C | | SPR | 30 | 15 | 1.5 | .300 | 3.000 | C | 100 | A | 700.000 | G | 5UA | 10 | | |
| - | 2N2965 | PG 546 C | | SPR | 30 | 15 | 1.0 | .300 | 3.000 | C | 100 | A | 700.000 | G | 5UA | 10 | | |
| | 2N2968 | PS 210 | 5 | SPR,HUG | 30 | 10 | 30.0 | .050 | .150 | A | 140 | J | 10.000 | G | 10NA | 15 | 30 | .001 |
| | 2N2969 | PS 210 | 18 | SPR,HUG | 30 | 10 | 30.0 | .050 | .150 | A | 140 | J | 10.000 | G | 10NA | 15 | 30 | .001 |
| | 2N2970 | PS 210 | 5 | SPR,HUG | 30 | 20 | 30.0 | .050 | .150 | A | 140 | J | 8.000 | G | 10NA | 15 | 20 | .001 |
| | 2N2971 | PS 210 | 18 | SPR,HUG | 30 | 20 | 30.0 | .050 | .150 | A | 140 | J | 8.000 | G | 10NA | 15 | 20 | .001 |
| | 2N2983 | NS 211 | 5 | HUG | 155 | 80 | 8.0 | 3.000 | 15.000 | H | 175 | J | 18.000 | G | 10UA | 150 | 35 | .500 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff $I_{CBO}$ @ $V_{CB}$ | | Gain $h_{FE}$ @ $I_C$(A) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | | | | | |
| | 2N2984 | NS 211 | 5 | HUG | 185 | 120 | 8.0 | 3.000 | 15.000 | H | 175J | | 18.000 | G | 10UA | 180 | 35 .500 |
| | 2N2985 | NS 211 | 5 | HUG | 155 | 80 | 8.0 | 3.000 | 15.000 | H | 175J | | 18.000 | G | 10UA | 150 | 70 .500 |
| | 2N2986 | NS 211 | 5 | HUG | 185 | 120 | 8.0 | 3.000 | 15.000 | H | 175J | | 18.000 | G | 10UA | 180 | 70 .500 |
| | 2N2987 | NS 211 | 5 | TII,TEC,HUG,SOL | 95 | 80 | 7.0 | 1.000 | 15.000 | H | 175J | | 30.000 | G | 25NA | 90 | 50 .200 |
| | 2N2988 | NS 211 | 5 | TII,TEC,HUG,SOL | 155 | 100 | 7.0 | 1.000 | 15.000 | H | 175J | | 30.000 | G | 25NA | 150 | 50 .200 |
| | 2N2989 | NS 211 | 5 | TII,TEC,HUG,SOL | 95 | 80 | 7.0 | 1.000 | 15.000 | H | 175J | | 30.000 | G | 25NA | 90 | 90 .200 |
| | 2N2990 | NS 211 | 5 | TII,TEC,HUG,SOL | 155 | 100 | 7.0 | 1.000 | 15.000 | H | 175J | | 30.000 | G | 25NA | 150 | 90 .200 |
| | 2N2991 | NS 541 D | | TII,TEC,HUG,SOL | 95 | 80 | 7.0 | 1.000 | 15.000 | H | 175J | | 30.000 | G | 25NA | 150 | 50 .200 |
| | 2N2992 | NS 541 D | | TII,TEC,HUG,SOL | 155 | 100 | 7.0 | 1.000 | 15.000 | H | 175J | | 30.000 | G | 25NA | 150 | 50 .200 |
| | 2N2993 | NS 541 D | | TII,TEC,HUG,SOL | 95 | 80 | 7.0 | 1.000 | 15.000 | H | 175J | | 30.000 | G | 25NA | 150 | 90 .200 |
| | 2N2994 | NS 541 D | | TII,TEC,HUG,SOL | 155 | 100 | 7.0 | 1.000 | 15.000 | H | 175J | | 30.000 | G | 25NA | 150 | 90 .200 |
| | 2N2996 | PG 217 | 72 | TII | 15 | 10 | .3 | .050 | .075 | A | 100J | | 400.000 | G | 5UA | 10 | 250 |
| | 2N2997 | PG 217 | 72 | TII | 30 | 15 | .3 | .050 | .075 | A | 100J | | 400.000 | G | 5UA | 12 | 250 |
| | 2N2998 | PG 217 | 72 | TII | 15 | 12 | .3 | .050 | .075 | A | 100J | | 600.000 | G | 5UA | 10 | 140 |
| | 2N2999 | PG 217 | 72 | TII | 15 | 10 | .2 | .050 | .075 | A | 100A | | 990.000 | G | 5UA | 10 | 20 |
| | 2N3009 | NS 211 | 52 | FSC,MOT,HUG,ITT | 40 | 15 | 4.0 | .200 | .360 | A | 200J | | 350.000 | G | 500NA | 20 | 80 .030 |
| | 2N3010 | NS 211 | 18 | TII,FSC,RAY,TEC,MOT,HUG | 15 | 6 | 4.0 | .050 | .300 | A | 200J | | 600.000 | G | 10UA | 11 | 56 .010 |
| | 2N3011 | NS 211 | 18 | TII,FSC,RAY,ITT,TEC,MOT | 30 | 12 | 5.0 | .200 | .360 | A | 200J | | 400.000 | G | 400NA | 20 | 60 .010 |
| | 2N3012 | PS 211 | 18 | FSC,TII,RAY,ITT,TEC,HUG | 12 | 12 | 4.0 | .200 | .360 | A | 200J | | 550.000 | G | 80NA | 6 | 60 .030 |
| | 2N3013 | NS 211 | 52 | FSC,TII,ITT,SES,TEC,MOT | 40 | 15 | 5.0 | .200 | .360 | A | 200J | | 350.000 | G | 300NA | 20 | 80 .030 |
| | 2N3014 | NS 211 | 52 | FSC,TII,ITT,TEC,MOT,HUG | 40 | 20 | 5.0 | .200 | .360 | A | 200J | | 350.000 | G | 300NA | 20 | 80 .030 |
| | 2N3015 | NS 211 | 5 | TII,FSC,MOT,TEC | 60 | 30 | 5.0 | | .800 | A | 200J | | 250.000 | G | 200NA | 30 | 76 .150 |
| - | 2N3016 | NS 210 | 5 | BEN | 100 | 50 | 4.0 | 2.500 | 5.000 | C | 150J | | 250.000 | G | 1UA | 60 | 100 |
| - | 2N3017 | NS 541 B | | BEN | 100 | 50 | 4.0 | 5.000 | 10.000 | C | 150J | | 250.000 | G | 1UA | 60 | 60 |
| - | 2N3018 | NS 560 | 61 | BEN | 100 | 50 | 4.0 | 10.000 | 25.000 | C | 150J | | 250.000 | G | 1UA | 60 | 80 |
| | 2N3019 | NS 211 | 5 | FSC,MOT,TRW,RAY,NSC,TEC | 140 | 80 | 7.0 | 1.000 | .800 | A | 200J | | 100.000 | G | 10NA | 90 | 200 .150 |
| | 2N3020 | NS 211 | 5 | FSC,RAY,NSC,TEC,MOT,TRW | 140 | 80 | 7.0 | 1.000 | .800 | A | 200J | | 80.000 | G | 10NA | 90 | 80 .150 |
| | 2N3021 | PS 605 | 3 | MOT,SOL | 30 | 30 | 4.0 | 3.000 | 25.000 | C | 175J | | 60.000 | G | 200UA | 25 | 36 1.000 |
| | 2N3022 | PS 605 | 3 | MOT,SOL | 45 | 45 | 4.0 | 3.000 | 25.000 | C | 175J | | 60.000 | G | 200UA | 40 | 36 1.000 |
| | 2N3023 | PS 605 | 3 | MOT,SOL | 60 | 60 | 4.0 | 3.000 | 25.000 | C | 175J | | 60.000 | G | 200UA | 54 | 36 1.000 |
| | 2N3024 | PS 605 | 3 | MOT,SOL | 30 | 30 | 4.0 | 3.000 | 25.000 | C | 175J | | 60.000 | G | 200UA | 25 | 96 1.000 |
| | 2N3025 | PS 605 | 3 | MOT,SOL | 45 | 45 | 4.0 | 3.000 | 25.000 | C | 175J | | 60.000 | G | 200UA | 40 | 96 1.000 |
| | 2N3026 | PS 605 | 3 | MOT,SOL | 60 | 60 | 4.0 | 3.000 | 25.000 | C | 175J | | 60.000 | G | 200UA | 54 | 96 1.000 |
| | 2N3033 | NS 211 | 18 | NSC | 100 | 100R | 4.0 | .200 | .300 | A | 175J | | | | 5UA | 85 | |
| - | 2N3034 | NS 211 | 18 | TII | 70 | 70R | 4.0 | .200 | .300 | A | 175J | | | | 5UA | 55 | |
| - | 2N3035 | NS 211 | 18 | TII | 50 | 50R | 4.0 | .200 | .300 | A | 175J | | | | 5UA | 35 | |
| | 2N3036 | NS 211 | 5 | TII,RAY,TRW,TIL | 120 | 80 | 7.0 | 1.200 | .800 | A | 200J | | 50.000 | G | 10NA | 60 | 100 |
| | 2N3037 | NS 909 | 50 | TII | 120 | 70 | 7.0 | .500 | .360 | A | 175J | | 50.000 | G | 10NA | 60 | 80 |
| | 2N3038 | NS 909 | 50 | TII | 100 | 60 | 7.0 | .500 | .360 | A | 175J | | 50.000 | G | 10NA | 60 | 160 |
| | 2N3039 | PS 909 | 50 | TII | 50 | 35 | 5.0 | .500 | .360 | A | 175J | | 50.000 | G | 25NA | 30 | 40 |
| | 2N3040 | PS 909 | 50 | TII | 40 | 30 | 5.0 | .500 | .360 | A | 175J | | 50.000 | G | 25NA | 30 | 100 |
| | 2N3053 | NS 211 | 5 | RCA,ETC,NSC,TII,TEC,MOT | 60 | 40 | 5.0 | .700 | 1.000 | A | 200J | | 100.000 | G | 250NA | 30 | 150 .150 |
| | 2N3054 | NS 605 | 66 | RCA,STC,TEC,MOT,WHE,HUG | 90 | 55 | 7.0 | 4.000 | 25.000 | C | 200J | | AUD | | 1MA | 90 | 60 .500 |
| | 2N3054A | NS 605 | 66 | MOT | 90 | 60R | 7.0 | 4.000 | 75.000 | C | 200C | | .030 | F | 1MA | 90 | 50 .500 |
| | 2N3055 | NS 605 | 3 | RCA,STC,SOL,WHE,ETC,SES | 100 | 60 | 7.0 | 15.000 | 115.000 | C | 200J | | .010 | F | 5MA | 100 | 44 5.000 |
| | 2N3056 | NS 211 | 46 | RAY,TRW,TEC,HUG,FSC,ITT | 100 | 60 | 7.0 | 1.000 | .400 | A | 200J | | 80.000 | G | 10NA | 60 | 70 .150 |
| | 2N3056A | NS 211 | 46 | RAY,TEC,HUG,FSC,ITT | 140 | 80 | 7.0 | 1.000 | .400 | A | 200J | | 80.000 | G | 10NA | 90 | 70 .150 |
| | 2N3057 | NS 211 | 46 | RAY,TRW,TEC,HUG,FSC,ITT | 100 | 60 | 7.0 | 1.000 | .400 | A | 200J | | 100.000 | G | 10NA | 60 | 200 .150 |
| | 2N3057A | NS 211 | 46 | RAY,TEC,HUG,FSC,ITT | 140 | 80 | 7.0 | 1.000 | .400 | A | 200J | | 100.000 | G | 10NA | 90 | 200 .150 |
| | 2N3058 | PS 211 | 46 | SPR,HUG,CRY | 6 | 6 | 6.0 | .100 | .400 | A | 200J | | 6.000 | G | 1NA | 3 | 120 |
| | 2N3059 | PS 211 | 46 | SPR,HUG,CRY | 10 | 10 | 10.0 | .100 | .400 | A | 200J | | 6.000 | G | 1NA | 3 | 200 |
| | 2N3060 | PS 211 | 46 | SPR,RAY,NSC,HUG,CRY | 70 | 60 | 30.0 | .100 | .400 | A | 200J | | .600 | G | 5NA | 60 | 60 .001 |
| | 2N3061 | PS 211 | 46 | SPR,RAY,NSC,HUG,CRY | 70 | 60 | 30.0 | .100 | .400 | A | 200J | | 1.200 | G | 5NA | 60 | 120 .001 |
| | 2N3062 | PS 211 | 46 | NSC,CRY | 90 | 80 | 40.0 | .100 | .400 | A | 200J | | .400 | G | 5NA | 80 | 60 .001 |
| | 2N3063 | PS 211 | 46 | NSC,CRY | 90 | 80 | 40.0 | .100 | .400 | A | 200J | | 1.000 | G | 5NA | 80 | 100 .001 |
| | 2N3064 | PS 211 | 46 | CRY | 110 | 100 | 50.0 | .100 | .400 | A | 200J | | 2.000 | G | 5NA | 100 | 30 .001 |
| | 2N3065 | PS 211 | 46 | CRY | 110 | 100 | 50.0 | .100 | .400 | A | 200J | | 3.000 | G | 5NA | 100 | 60 .001 |
| | 2N3072 | PS 211 | 5 | RAY,HUG,FSC,ITT | 60 | 60 | 4.0 | | .800 | A | 200J | | 130.000 | G | 20NA | 50 | 62 .050 |
| | 2N3073 | PS 211 | 18 | RAY,HUG,FSC,ITT | 60 | 60 | 4.0 | | .360 | A | 200J | | 130.000 | G | 20NA | 50 | 62 .050 |
| - | 2N3074 | PG 217 | 12 | AMP | 25 | 25R | | .020 | .140 | A | 75J | | RF AMP | | 10UA | 10 | |
| - | 2N3075 | PG 217 | 12 | AMP | 30 | 30R | | .020 | .140 | A | 75J | | RF AMP | | 10UA | 10 | |
| | 2N3076 | NS 414 | 81 | TRW | 140 | 100R | 5.0 | | 125.000 | C | | | 50.000 | G | 25MA | 100 | 52 7.000 |
| | 2N3077 | NS 210 | 18 | TEC,HUG | 80 | 60 | 7.0 | .050 | .360 | A | 200J | | 60.000 | G | 10NA | 45 | 120 .001 |
| | 2N3078 | NS 210 | 18 | TEC,HUG | 80 | 60 | 7.0 | .050 | .360 | A | 200J | | 60.000 | G | 10NA | 45 | 38 .001 |
| | 2N3079 | NS 405 | 36 | DEL | | 200 | 5.0 | 10.000 | | | 150J | | 2.500 | G | | | 22 5.000 |
| | 2N3080 | NS 405 | 36 | DEL | | 300 | 5.0 | 10.000 | | | 150J | | 2.500 | G | | | 22 5.000 |
| | 2N3081 | PS 211 | 5 | RAY | 70 | 50 | 6.0 | .600 | .600 | A | 175J | | 150.000 | G | 10NA | 50 | 60 .150 |
| | 2N3107 | NS 211 | 5 | FSC,ITT,RAY,HUG | 100 | 60 | 7.0 | | .800 | A | 200J | | 70.000 | G | 10NA | 60 | 90 .500 |
| | 2N3108 | NS 211 | 5 | FSC,ITT,RAY,NSC,TEC,HUG | 100 | 60 | 7.0 | | .800 | A | 200J | | 60.000 | G | 10NA | 60 | 50 .500 |
| | 2N3109 | NS 211 | 5 | FSC,ITT,RAY,NSC,HUG | 80 | 40 | 7.0 | | .800 | A | 200J | | 70.000 | G | 10NA | 60 | 90 .500 |
| | 2N3110 | NS 211 | 5 | FSC,ITT,RAY,NSC,TEC,HUG | 80 | 40 | 7.0 | | .800 | A | 200J | | 60.000 | G | 10NA | 60 | 50 .500 |
| | 2N3114 | NS 211 | 5 | MOT,TII,TRW,TEC,FSC | 150 | 150 | 5.0 | .200 | .800 | A | 200J | | 40.000 | G | 10NA | 100 | 60 .030 |
| | 2N3115 | NS 210 | 18 | SPR,MOT,TRW,RAY,HUG | 60 | 20 | 5.0 | .600 | .400 | A | 200J | | 250.000 | G | 25NA | 50 | 70 .150 |
| | 2N3116 | NS 210 | 18 | SPR,MOT,TRW,RAY,TEC,HUG | 60 | 20 | 5.0 | .600 | .400 | A | 200J | | 250.000 | G | 25NA | 50 | 200 .150 |
| | 2N3117 | NS 211 | 18 | TII,RAY,NSC,SOL,SSD,TEC | 60 | 60 | 6.0 | .050 | .360 | A | 200J | | 60.000 | G | 10NA | 45 | 400 .001 |
| | 2N3118 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N3119 | NS 211 | 5 | RCA,HUG | 100 | 80 | 4.0 | .500 | 1.000 | A | 200J | | 250.000 | G | 50NA | 60 | 90 .100 |
| | 2N3120 | PS 211 | 5 | RAY,HUG,ITT,FSC | 45 | 45 | 4.0 | | .800 | A | 200J | | 130.000 | G | 20NA | 45 | 62 .050 |
| | 2N3121 | PS 211 | 18 | RAY,HUG,ITT,FSC | 45 | 45 | 4.0 | | .360 | A | 200J | | 130.000 | G | 20NA | 45 | 62 .050 |
| | 2N3122 | NS 211 | 5 | RAY | 50 | 30 | 5.0 | | .800 | A | 200J | | 60.000 | G | 10NA | 60 | 50 .300 |
| | 2N3123 | NS 211 | 5 | TRW | 60 | 30 | 5.0 | | 3.000 | C | | | 400.000 | G | 10NA | 50 | 170 .150 |
| | 2N3127 | PG 217 | 72 | MOT | 25 | 20 | .7 | .050 | .100 | A | 100J | | 400.000 | G | 3UA | 10 | 46 .003 |
| | 2N3133 | PS 210 | 5 | MOT,GIC,RAY,ITT,NSC,SPR | 50 | 35 | 4.0 | .600 | .600 | A | 200J | | 200.000 | G | 50NA | 30 | 70 .150 |
| | 2N3134 | PS 210 | 5 | MOT,GIC,RAY,NSC,SPR,TEC | 50 | 35 | 4.0 | .600 | .600 | A | 200J | | 200.000 | G | 50NA | 30 | 170 .150 |
| | 2N3135 | PS 210 | 18 | MOT,GIC,RAY,ITT,NSC,SPR | 50 | 35 | 4.0 | .600 | .400 | A | 200J | | 200.000 | G | 50NA | 30 | 70 .150 |
| | 2N3136 | PS 210 | 18 | MOT,GIC,ETC,RAY,NSC,SPR | 50 | 35 | 4.0 | .600 | .400 | A | 200J | | 200.000 | G | 50NA | 30 | 170 .150 |
| | 2N3137 | NS 211 | 39 | FSC,SES,MOT,HUG | 40 | 20 | 4.0 | | .600 | A | 200J | | 500.000 | G | 50NA | 20 | 70 |
| | 2N3139 | NS 560 | 62 | HUG | 65 | 65 | | | 20.000 | C | 200J | | 100.000 | G | | | 15 1.000 |
| | 2N3140 | NS 560 | 62 | HUG | 65 | 65 | | | 20.000 | C | 200J | | 100.000 | G | | | 15 1.000 |
| | 2N3141 | NS 560 | 62 | HUG | 140 | 140 | | | 20.000 | C | 200J | | 100.000 | G | | | 15 1.000 |
| | 2N3142 | NS 560 | 62 | HUG | 65 | 65 | | | 25.000 | C | 200J | | 100.000 | G | | | 15 1.000 |
| | 2N3143 | NS 560 | 62 | HUG | 140 | 140 | | | 25.000 | C | 200J | | 100.000 | G | | | 15 1.000 |
| | 2N3144 | NS 560 | 62 | HUG | 65 | 65 | | | 25.000 | C | 200J | | 100.000 | G | | | 15 1.000 |
| | 2N3145 | NS 560 | 62 | HUG | 140 | 140 | | | 25.000 | C | 200J | | 100.000 | G | | | 15 1.000 |
| | 2N3146 | PG 605 | 3 | TII | 150 | 65 | 60.0 | 15.000 | 150.000 | C | 100J | | .200 | G | 10MA | 150 | 60 |
| | 2N3147 | PG 605 | 3 | TII | 180 | 75 | 80.0 | 15.000 | 150.000 | C | 100J | | .200 | G | 10MA | 180 | 600 |
| | 2N3149 | NS 561 | 114 | STC,SOL,TEC,SPC,HUG | 80 | 80 | 10.0 | 70.000 | 300.000 | C | 200J | | .100 | G | 2MA | 80 | 20 50.000 |
| | 2N3150 | NS 561 | 114 | STC,SOL,TEC,SPC,HUG | 100 | 100 | 10.0 | 70.000 | 300.000 | C | 200J | | .100 | G | 2MA | 100 | 20 50.000 |
| | 2N3151 | NS 561 | 114 | STC,SOL,TEC,SPC,HUG | 150 | 150 | 10.0 | 70.000 | 300.000 | C | 200J | | .100 | G | 2MA | 150 | 20 50.000 |
| | 2N3153 | NS 211 | 18 | CRY | 15 | 15 | 15.0 | .100 | .300 | A | 200J | | 30.000 | E | 10NA | 15 | 3 .001 |
| | 2N3154 | PG 640 A | | KSC | 40 | 25 | 30.0 | 3.000 | 37.500 | C | 100J | | .015 | E | 10MA | 38 | 105 .500 |
| | 2N3155 | PG 640 A | | KSC | 60 | 40 | 30.0 | 3.000 | 37.500 | C | 100J | | .015 | E | 10MA | 50 | 105 .500 |
| | 2N3156 | PG 640 A | | KSC | 80 | 55 | 30.0 | 3.000 | 37.500 | C | 100J | | .015 | E | 10MA | 60 | 105 .500 |
| | 2N3157 | PG 640 A | | KSC | 100 | 65 | 30.0 | 3.000 | 37.500 | C | 100J | | .015 | E | 10MA | 75 | 105 .500 |
| | 2N3158 | PG 640 A | | KSC | 40 | 25 | 30.0 | 3.000 | 37.500 | C | 100J | | .010 | E | 10MA | 38 | 48 .500 |
| | 2N3159 | PG 640 A | | KSC | 60 | 40 | 30.0 | 3.000 | 37.500 | C | 100J | | .010 | E | 10MA | 50 | 48 .500 |
| | 2N3160 | PG 640 A | | KSC | 80 | 55 | 30.0 | 3.000 | 37.500 | C | 100J | | .010 | E | 10MA | 60 | 48 .500 |
| | 2N3161 | PG 640 A | | KSC | 100 | 65 | 30.0 | 3.000 | 37.500 | C | 100J | | .010 | E | 10MA | 75 | 48 .500 |
| | 2N3163 | PS 561 | 61 | STC,SOL | 40 | 40 | 10.0 | 3.000 | 85.000 | C | 200J | HF | AMP | | 1MA | 40 | 20 1.000 |
| | 2N3164 | PS 561 | 61 | STC,SOL | 60 | 60 | 10.0 | 3.000 | 85.000 | C | 200J | HF | AMP | | 1MA | 60 | 20 1.000 |
| | 2N3165 | PS 561 | 61 | STC,SOL | 80 | 80 | 10.0 | 3.000 | 85.000 | C | 200J | HF | AMP | | 1MA | 80 | 20 1.000 |
| | 2N3166 | PS 561 | 61 | STC,SOL | 100 | 100 | 10.0 | 3.000 | 85.000 | C | 200J | HF | AMP | | 1MA | 100 | 20 1.000 |
| | 2N3167 | PS 731 | 53 | STC | 40 | 40 | 10.0 | 3.000 | 85.000 | C | 200J | HF | AMP | | 1MA | 40 | 20 1.000 |
| | 2N3168 | PS 731 | 53 | STC | 60 | 60 | 10.0 | 3.000 | 85.000 | C | 200J | HF | AMP | | 1MA | 60 | 20 1.000 |
| | 2N3169 | PS 731 | 53 | STC | 80 | 80 | 10.0 | 3.000 | 85.000 | C | 200J | HF | AMP | | 1MA | 80 | 20 1.000 |
| | 2N3170 | PS 731 | 53 | STC | 100 | 100 | 10.0 | 3.000 | 85.000 | C | 200J | HF | AMP | | 1MA | 100 | 20 1.000 |
| | 2N3171 | PS 605 | 3 | STC,SOL | 40 | 40 | 10.0 | 3.000 | 75.000 | C | 200J | HF | AMP | | 1MA | 40 | 20 1.000 |
| | 2N3172 | PS 605 | 3 | STC,SOL | 60 | 60 | 10.0 | 3.000 | 75.000 | C | 200J | HF | AMP | | 1MA | 60 | 20 1.000 |
| | 2N3173 | PS 605 | 3 | STC,SOL | 80 | 80 | 10.0 | 3.000 | 75.000 | C | 200J | HF | AMP | | 1MA | 80 | 20 1.000 |
| | 2N3174 | PS 605 | 3 | STC,SOL | 100 | 100 | 10.0 | 3.000 | 75.000 | C | 200J | HF | AMP | | 1MA | 100 | 20 1.000 |
| | 2N3175 | PS 561 | 61 | STC,SOL | 40 | 40 | 10.0 | 5.000 | 85.000 | C | 200J | HF | AMP | | 1MA | 40 | 16 2.000 |
| | 2N3176 | PS 561 | 61 | STC,SOL | 60 | 60 | 10.0 | 5.000 | 85.000 | C | 200J | HF | AMP | | 1MA | 60 | 16 2.000 |
| | 2N3177 | PS 561 | 61 | STC,SOL | 80 | 80 | 10.0 | 5.000 | 85.000 | C | 200J | HF | AMP | | 1MA | 80 | 16 2.000 |
| | 2N3178 | PS 561 | 61 | STC,SOL | 100 | 100 | 10.0 | 5.000 | 85.000 | C | 200J | HF | AMP | | 1MA | 100 | 16 2.000 |
| | 2N3179 | PS 731 | 53 | STC | 40 | 40 | 10.0 | 5.000 | 85.000 | C | 200J | HF | AMP | | 1MA | 40 | 16 2.000 |
| | 2N3180 | PS 731 | 53 | STC | 60 | 60 | 10.0 | 5.000 | 85.000 | C | 200J | HF | AMP | | 1MA | 60 | 16 2.000 |
| | 2N3181 | PS 731 | 53 | STC | 80 | 80 | 10.0 | 5.000 | 85.000 | C | 200J | HF | AMP | | 1MA | 80 | 16 2.000 |
| | 2N3182 | PS 731 | 53 | STC | 100 | 100 | 10.0 | 5.000 | 85.000 | C | 200J | HF | AMP | | 1MA | 100 | 16 2.000 |
| | 2N3183 | PS 605 | 3 | STC,SOL | 40 | 40 | 10.0 | 5.000 | 75.000 | C | 200J | HF | AMP | | 1MA | 40 | 16 2.000 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Condition | Cutoff $I_{CBO}$ @ $V_{CB}$ | | Gain $h_{FE}$ @ $I_C$(A) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. Temp. (°C) Cond. | | | | | | |
| | 2N3184 | PS 605 | 3 | STC,SOL | 60 | 60 | 10.0 | 5.000 | 75.000 C | 200J | HF AMP | | 1MA | 60 | 16 | 2.000 |
| | 2N3185 | PS 605 | 3 | STC,SOL | 80 | 80 | 10.0 | 5.000 | 75.000 C | 200J | HF AMP | | 1MA | 80 | 16 | 2.000 |
| | 2N3186 | PS 605 | 3 | STC,SOL | 100 | 100 | 10.0 | 5.000 | 75.000 C | 200J | HF AMP | | 1MA | 100 | 16 | 2.000 |
| | 2N3187 | PS 561 | 61 | STC,SOL | 40 | 40 | 10.0 | 5.000 | 85.000 C | 200J | HF AMP | | 1MA | 40 | 16 | 3.000 |
| | 2N3188 | PS 561 | 61 | STC,SOL | 60 | 60 | 10.0 | 5.000 | 85.000 C | 200J | HF AMP | | 1MA | 60 | 16 | 3.000 |
| | 2N3189 | PS 561 | 61 | STC,SOL | 80 | 80 | 10.0 | 5.000 | 85.000 C | 200J | HF AMP | | 1MA | 80 | 16 | 3.000 |
| | 2N3190 | PS 561 | 61 | STC,SOL | 100 | 100 | 10.0 | 5.000 | 85.000 C | 200J | HF AMP | | 1MA | 100 | 16 | 3.000 |
| | 2N3191 | PS 731 | 53 | STC | 40 | 40 | 10.0 | 5.000 | 85.000 C | 200J | HF AMP | | 1MA | 40 | 16 | 3.000 |
| | 2N3192 | PS 731 | 53 | STC | 60 | 60 | 10.0 | 5.000 | 85.000 C | 200J | HF AMP | | 1MA | 60 | 16 | 3.000 |
| | 2N3193 | PS 731 | 53 | STC | 80 | 80 | 10.0 | 5.000 | 85.000 C | 200J | HF AMP | | 1MA | 80 | 16 | 3.000 |
| | 2N3194 | PS 731 | 53 | STC | 100 | 100 | 10.0 | 5.000 | 85.000 C | 200J | HF AMP | | 1MA | 100 | 16 | 3.000 |
| | 2N3195 | PS 605 | 3 | STC,SOL | 40 | 40 | 10.0 | 5.000 | 75.000 C | 200J | HF AMP | | 1MA | 40 | 16 | 3.000 |
| | 2N3196 | PS 605 | 3 | STC,SOL | 60 | 60 | 10.0 | 5.000 | 75.000 C | 200J | HF AMP | | 1MA | 60 | 16 | 3.000 |
| | 2N3197 | PS 605 | 3 | STC,SOL | 80 | 80 | 10.0 | 5.000 | 75.000 C | 200J | HF AMP | | 1MA | 80 | 16 | 3.000 |
| | 2N3198 | PS 605 | 3 | STC,SOL | 100 | 100 | 10.0 | 5.000 | 75.000 C | 200J | HF AMP | | 1MA | 100 | 16 | 3.000 |
| | 2N3199 | PS 561 | 59 | STC,CRY | 40 | 40 | 10.0 | 2.000 | 40.000 C | 200J | .800 | G | 75UA | 40 | 35 | 1.000 |
| | 2N3200 | PS 561 | 59 | STC,CRY | 60 | 60 | 10.0 | 2.000 | 40.000 C | 200J | .800 | G | 75UA | 60 | 35 | 1.000 |
| | 2N3201 | PS 561 | 59 | STC,CRY | 80 | 80 | 10.0 | 2.000 | 40.000 C | 200J | .800 | G | 75UA | 80 | 35 | 1.000 |
| | 2N3202 | PS 211 | 5 | STC,CRY,SOL | 40 | 40 | 10.0 | 2.000 | 8.750 C | 200J | .800 | G | 75UA | 40 | 35 | 1.000 |
| | 2N3203 | PS 211 | 5 | STC,CRY,SOL | 60 | 60 | 10.0 | 2.000 | 8.750 C | 200J | .800 | G | 75UA | 60 | 35 | 1.000 |
| | 2N3204 | PS 211 | 5 | STC,CRY,SOL | 80 | 80 | 10.0 | 2.000 | 8.750 C | 200J | .800 | G | 75UA | 80 | 35 | 1.000 |
| | 2N3205 | PS 561 | 59 | STC,CRY | 40 | 40 | 10.0 | 2.000 | 40.000 C | 200J | .800 | G | 75UA | 40 | 35 | .500 |
| | 2N3206 | PS 561 | 59 | STC,CRY | 60 | 60 | 10.0 | 2.000 | 40.000 C | 200J | .800 | G | 75UA | 60 | 35 | .500 |
| | 2N3207 | PS 561 | 59 | STC,CRY | 100 | 100 | 10.0 | 2.000 | 40.000 C | 200J | .800 | G | 75UA | 100 | 35 | .500 |
| | 2N3208 | PS 211 | 5 | STC,CRY | 40 | 40 | 10.0 | 2.000 | 8.750 C | 200J | .800 | G | 75UA | 40 | 35 | .500 |
| | 2N3209 | PS 211 | 18 | RAY,ITT,FSC | 20 | 20 | 4.0 | | .360 A | 200J | 400.000 | G | | | 60 | .030 |
| | 2N3210 | NS 211 | 18 | RAY,MOT | 40 | 15 | 5.0 | | .360 A | 200J | 400.000 | G | | | 60 | .010 |
| | 2N3211 | NS 210 | 18 | MOT | 40 | 15 | 6.0 | .500 | .360 A | 200J | 350.000 | G | 25NA | 20 | 88 | .010 |
| | 2N3212 | PG 631 | 37 | DEL | | 100X | 2.0 | 5.000 | | | .600 | G | 1MA | 100 | 52 | 3.000 |
| | 2N3213 | PG 631 | 37 | DEL | | 80X | 2.0 | 5.000 | | | .600 | G | 1MA | 80 | 52 | 3.000 |
| | 2N3214 | PG 631 | 37 | DEL | | 60X | 2.0 | 5.000 | | | .600 | G | 1MA | 60 | 52 | 3.000 |
| | 2N3215 | PG 631 | 37 | DEL | | 40X | 2.0 | 5.000 | | | .600 | G | 1MA | 40 | 50 | 3.000 |
| | 2N3217 | PS 211 | 46 | RAY,SPR,NSC,SOL,SSD,HUG | 15 | 10 | 15.0 | .100 | .400 A | 200J | 1.000 | G | 1NA | 15 | 60 | .001 |
| | 2N3218 | PS 211 | 46 | RAY,SPR,NSC,SOL,SSD,HUG | 25 | 20 | 25.0 | .100 | .400 A | 200J | 1.000 | G | 1NA | 25 | 60 | .001 |
| | 2N3219 | PS 211 | 46 | RAY,SPR,NSC,SOL,SSD,HUG | 40 | 35 | 40.0 | .100 | .400 A | 200J | 1.000 | G | 1NA | 40 | 40 | .001 |
| | 2N3224 | PS 211 | 5 | HUG | 100 | 100 | | | .700 A | 200J | 60.000 | G | | | 70 | .050 |
| | 2N3225 | PS 211 | 5 | HUG | 100 | 100 | | | .700 A | 200J | 80.000 | G | | | 80 | .020 |
| | 2N3226 | NS 605 | 3 | SOL,ETC | 35 | 35 | | 5.000 | 75.000 C | 200J | .020 | E | 2MA | 35 | 32 | 2.000 |
| | 2N3227 | NS 210 | 18 | MOT,RAY | 40 | 20 | 6.0 | .500 | .360 A | 200J | 500.000 | G | 200NA | 20 | 180 | .010 |
| | 2N3229 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | 2N3232 | NS 605 | 3 | SCL,WHE,MOT,SEN | 60 | 60 | 6.0 | 7.500 | 117.000 C | 200J | 1.000 | G | 5MA | 80 | 84 | 3.000 |
| | 2N3233 | NS 605 | 3 | WHE,SEN | 100 | 100 | 6.0 | 7.500 | 117.000 C | 200J | 1.000 | G | 5MA | 110 | 84 | 3.000 |
| | 2N3234 | NS 605 | 3 | WHE,SEN | 160 | 160 | 6.0 | 7.500 | 117.000 C | 200J | 1.000 | G | 5MA | 160 | 84 | 3.000 |
| | 2N3235 | NS 605 | 3 | MOT,SEN | 55 | 55 | 7.0 | 15.000 | 117.000 C | 200J | HF AMP | | 5MA | 65 | 46 | |
| | 2N3236 | NS 605 | 3 | WHE,SOL | 100 | 90 | 7.0 | 15.000 | 150.000 C | 200J | HF AMP | | 5MA | 90 | 40 | |
| | 2N3237 | NS 605 | 3 | WHE,SOL | 90 | 75 | 7.0 | 20.000 | 200.000 C | 200J | HF AMP | | 5MA | 75 | 24 | |
| | 2N3238 | NS 605 | 3 | WHE,SOL | 80 | 80 | 8.0 | 15.000 | 150.000 C | 200J | HF AMP | | 5MA | 80 | 16 | |
| | 2N3239 | NS 605 | 3 | WHE,SOL | 80 | 80 | 8.0 | 15.000 | 150.000 C | 200J | HF AMP | | 5MA | 80 | 16 | |
| | 2N3240 | NS 605 | 3 | WHE,SOL | 160 | 160R | 8.0 | 15.000 | 150.000 C | 200A | HF AMP | | 5MA | 160 | 16 | |
| | 2N3241A | NS 211 | 104 | RCA | 30 | 25 | 7.5 | | .500 A | 175J | 175.000 | G | 100NA | 25 | 150 | .010 |
| | 2N3242A | NS 211 | 104 | RCA | 40 | 40 | 8.0 | | .500 A | 175J | 175.000 | G | 10NA | 25 | 200 | .010 |
| | 2N3244 | PS 211 | 5 | RAY,MOT,TII,HUG | 40 | 40 | 5.0 | 1.000 | 1.000 A | 200J | 175.000 | G | 50NA | 30 | 90 | .500 |
| | 2N3245 | PS 211 | 5 | RAY,MOT,TII,HUG | 50 | 50 | 5.0 | 1.000 | 1.000 A | 200J | 150.000 | G | 50NA | 50 | 50 | .500 |
| | 2N3248 | PS 210 | 18 | MOT,TEC,HUG | 15 | 12 | 5.0 | | .360 A | 200J | 250.000 | G | 50NA | 10 | 80 | .010 |
| | 2N3249 | PS 210 | 18 | MOT,TEC,HUG | 15 | 12 | 5.0 | | .360 A | 200J | 300.000 | G | 50NA | 10 | 180 | .010 |
| | 2N3250 | PS 211 | 18 | MOT,RAY,FSC,TII,ITT,TEC | 50 | 40 | 5.0 | .200 | .360 A | 200J | 250.000 | G | 20NA | 40 | 90 | .010 |
| | 2N3250A | PS 211 | 18 | MOT,RAY,TII,TEC,HUG,FSC | 60 | 60 | 5.0 | .200 | .360 A | 200J | 250.000 | G | 20NA | 40 | 90 | .010 |
| | 2N3251 | PS 211 | 18 | MOT,RAY,FSC,TII,ITT,TEC | 50 | 40 | 5.0 | .200 | .360 A | 200J | 300.000 | G | 20NA | 40 | 200 | .010 |
| | 2N3251A | PS 211 | 18 | MOT,RAY,TII,TEC,HUG,FSC | 60 | 60 | 5.0 | .200 | .360 A | 200J | 300.000 | G | 20NA | 40 | 200 | .010 |
| | 2N3252 | NS 211 | 5 | FSC,TII,RAY,MOT,ITT,TEC | 60 | 30 | 5.0 | 1.000 | 1.000 A | 200J | 200.000 | G | 500NA | 40 | 50 | .500 |
| | 2N3253 | NS 211 | 5 | FSC,TII,RAY,MOT,ITT,TEC | 75 | 40 | 5.0 | 1.000 | 1.000 A | 200J | 175.000 | G | 500NA | 60 | 40 | .375 |
| | 2N3261 | NS 211 | 52 | RCA | 40 | 15 | 6.0 | .500 | .300 A | 175J | 300.000 | G | 25NA | 15 | 50 | .100 |
| | 2N3262 | NS 211 | 39 | RCA | 100 | 80 | 4.0 | 1.500 | 1.000 A | 175J | 150.000 | G | 100NA | 30 | 80 | .500 |
| | 2N3263 | NS 913 A | | RCA | 150 | 90 | 7.0 | 25.000 | 84.000 C | 200J | 20.000 | G | 4MA | 80 | 44 | 15.000 |
| | 2N3264 | NS 913 A | | RCA | 120 | 60 | 7.0 | 25.000 | 84.000 C | 200J | 20.000 | G | 10MA | 60 | 40 | 15.000 |
| | 2N3265 | NS 561 | 63 | RCA,SOL | 150 | 90 | 7.0 | 25.000 | 125.000 C | 200J | 20.000 | G | 4MA | 80 | 44 | 15.000 |
| | 2N3266 | NS 561 | 63 | RCA,SOL | 120 | 60 | 7.0 | 25.000 | 125.000 C | 200J | 20.000 | G | 10MA | 60 | 40 | 15.000 |
| | 2N3268 | NS 210 | 5 | TRW | 45 | 45 | 1.0 | | 2.500 C | | 12.500 | G | 500NA | 30 | 32 | .010 |
| | 2N3279 | PG 217 | 72 | MOT | 30 | 20 | 1.0 | .050 | .100 A | 100J | 400.000 | G | 5UA | 10 | 30 | .003 |
| | 2N3280 | PG 217 | 72 | MOT | 30 | 20 | 1.0 | .050 | .100 A | 100J | 400.000 | G | 5UA | 10 | 30 | .003 |
| | 2N3281 | PG 217 | 72 | MOT | 30 | 15 | .5 | .050 | .100 A | 100J | 300.000 | G | 5UA | 10 | 40 | .003 |
| | 2N3282 | PG 217 | 72 | MOT | 30 | 15 | .5 | .050 | .100 A | 100J | 300.000 | G | 5UA | 10 | 40 | .003 |
| | 2N3283 | PG 217 | 72 | MOT | 25 | 25S | .5 | .050 | .100 A | 100J | 400.000 | G | 10UA | 10 | 30 | .003 |
| | 2N3284 | PG 217 | 72 | MOT | 25 | 25S | .5 | .050 | .100 A | 100J | 400.000 | G | 10UA | 10 | 30 | .003 |
| | 2N3285 | PG 217 | 72 | MOT | 20 | 20S | .5 | .050 | .100 A | 100J | 400.000 | G | 10UA | 10 | 15 | .003 |
| | 2N3286 | PG 217 | 72 | MOT | 20 | 20S | .5 | .050 | .100 A | 100J | 400.000 | G | 10UA | 10 | 15 | .003 |
| | 2N3287 | NS 217 | 72 | MOT | 40 | 20 | 3.0 | .050 | .200 A | 200J | 350.000 | G | 10NA | 15 | 40 | .002 |
| | 2N3288 | NS 217 | 72 | MOT | 40 | 20 | 3.0 | .050 | .200 A | 200J | 350.000 | G | 10NA | 15 | 40 | .002 |
| | 2N3289 | NS 217 | 72 | MOT | 30 | 15 | 3.0 | .050 | .200 A | 200J | 300.000 | G | 10NA | 15 | 40 | .002 |
| | 2N3290 | NS 217 | 72 | MOT | 30 | 15 | 3.0 | .050 | .200 A | 200J | 300.000 | G | 10NA | 15 | 40 | .002 |
| | 2N3291 | NS 217 | 72 | MOT | 25 | 25S | 3.0 | .050 | .200 A | 200J | 250.000 | G | 100NA | 10 | 20 | .002 |
| | 2N3292 | NS 217 | 72 | MOT | 25 | 25S | 3.0 | .050 | .200 A | 200J | 250.000 | G | 100NA | 10 | 20 | .002 |
| | 2N3293 | NS 217 | 72 | MOT | 20 | 20S | 3.0 | .050 | .200 A | 200J | 250.000 | G | 100NA | 10 | 20 | .002 |
| | 2N3294 | NS 217 | 72 | MOT | 20 | 20S | 3.0 | .050 | .200 A | 200J | 250.000 | G | 100NA | 10 | 20 | .002 |
| | 2N3295 | NS 210 | 5 | MOT | 60 | 60S | 5.0 | .250 | .800 A | 175J | 200.000 | G | 100NA | 50 | 36 | .010 |
| | 2N3296 | NS 546 | 102 | MOT | 60 | 60S | 3.0 | .700 | 6.000 C | 175J | 100.000 | G | 100NA | 50 | 18 | .040 |
| | 2N3297 | NS 605 | 3 | MOT | 60 | 60S | 3.0 | 1.500 | 25.000 C | 175J | 100.000 | G | 1UA | 50 | 21 | .400 |
| | 2N3298 | NS 210 | 18 | MOT,TRW | 25 | 25S | 3.0 | .100 | .300 A | 175J | 200.000 | G | 500NA | 10 | 90 | .010 |
| | 2N3299 | NS 211 | 5 | FSC,ITT,RAY,NSC,MOT,HUG | 60 | 30 | 5.0 | | .800 A | 200J | 250.000 | G | 10NA | 50 | 76 | .150 |
| | 2N3300 | NS 211 | 5 | FSC,ITT,RAY,NSC,MOT,HUG | 60 | 30 | 5.0 | | .800 A | 200J | 250.000 | G | 10NA | 50 | 220 | .150 |
| | 2N3301 | NS 211 | 18 | FSC,ITT,RAY,NSC,MOT,HUG | 60 | 30 | 5.0 | | .360 A | 200J | 250.000 | G | 10NA | 50 | 76 | .150 |
| | 2N3302 | NS 211 | 18 | FSC,ITT,RAY,NSC,MOT,HUG | 60 | 30 | 5.0 | | .360 A | 200J | 250.000 | G | 10NA | 50 | 220 | .150 |
| | 2N3303 | NS 211 | 5 | MOT,ITT,TEC,FSC | 25 | 12 | 4.0 | 1.000 | .600 A | 200J | 450.000 | G | 100UA | 15 | 60 | .300 |
| | 2N3304 | PS 211 | 18 | MOT,FSC,TII | 6 | 6 | 4.0 | | .300 A | 200J | 500.000 | G | 10NA | 3 | 60 | .010 |
| | 2N3307 | PS 217 | 72 | MOT | 40 | 35 | 3.0 | .050 | .200 A | 200J | 300.000 | G | 10UA | 15 | 100 | .002 |
| | 2N3308 | PS 217 | 72 | MOT | 30 | 25 | 3.0 | .050 | .200 A | 200J | 300.000 | G | 10UA | 15 | 90 | .002 |
| | 2N3309 | NS 210 | 5 | MOT | 50 | 50S | 3.0 | .500 | 1.000 A | 175J | 300.000 | G | 500NA | 25 | 30 | .030 |
| | 2N3311 | PG 405 | 36 | MOT,ETC,HUG | 30 | 20 | 20.0 | 5.000 | 170.000 C | 110J | .001 | E | 5MA | 30 | 90 | 3.000 |
| | 2N3312 | PG 405 | 36 | MOT,ETC,HUG | 45 | 30 | 25.0 | 5.000 | 170.000 C | 110J | .001 | E | 5MA | 45 | 90 | 3.000 |
| | 2N3313 | PG 405 | 36 | MOT,ETC,HUG | 60 | 40 | 30.0 | 5.000 | 170.000 C | 110J | .001 | E | 5MA | 60 | 90 | 3.000 |
| | 2N3314 | PG 405 | 36 | MOT,ETC,HUG | 30 | 20 | 20.0 | 5.000 | 170.000 C | 110J | .001 | E | 5MA | 30 | 150 | 3.000 |
| | 2N3315 | PG 405 | 36 | MOT,ETC,HUG | 45 | 30 | 25.0 | 5.000 | 170.000 C | 110J | .001 | E | 5MA | 45 | 150 | 3.000 |
| | 2N3316 | PG 405 | 36 | MOT,ETC,HUG | 60 | 40 | 30.0 | 5.000 | 170.000 C | 110J | .001 | E | 5MA | 60 | 150 | 3.000 |
| | 2N3317 | PS 170 J | | SPR,HUG | 30 | 30 | 30.0 | .050 | .150 A | 140A | 6.400 | G | 1NA | 10 | | |
| | 2N3318 | PS 170 J | | SPR,HUG | 15 | 15 | 15.0 | .050 | .150 A | 140A | 7.600 | G | 1NA | 10 | | |
| | 2N3319 | PS 170 J | | SPR,HUG | 10 | 6 | 10.0 | .050 | .150 A | 140A | 12.000 | G | 3NA | 6 | | |
| | 2N3320 | PG 210 | 18 | HUG | 15 | 10 | 2.0 | .100 | .075 A | 100A | 600.000 | G | 5NA | 10 | 80 | .020 |
| | 2N3321 | PG 210 | 18 | HUG | 12 | 7 | 2.0 | .100 | .075 A | 100A | 600.000 | G | 5NA | 6 | 140 | .020 |
| | 2N3322 | PG 210 | 18 | HUG | 12 | 7 | 2.0 | .100 | .075 A | 100A | 600.000 | G | 5NA | 6 | 54 | .020 |
| | 2N3323 | PG 210 | 18 | MOT | 35 | 35S | 3.0 | .100 | .150 A | 100J | 200.000 | G | 10UA | 10 | 80 | .003 |
| | 2N3324 | PG 210 | 18 | MOT | 35 | 35S | 3.0 | .100 | .150 A | 100J | 200.000 | G | 10UA | 10 | 80 | .003 |
| | 2N3325 | PG 210 | 18 | MOT | 35 | 35S | 3.0 | .100 | .150 A | 100J | 200.000 | G | 10UA | 10 | 80 | .003 |
| | 2N3326 | NS 211 | 5 | TRW,RAY,HUG | 60 | 45 | 5.0 | | .800 A | 200J | 500.000 | G | 10NA | 50 | 70 | .150 |
| | 2N3337 | NS 217 | 72 | FSC | 40 | 40 | 4.0 | | .300 A | 200J | 400.000 | G | 25NA | 20 | 45 | .004 |
| | 2N3338 | NS 217 | 72 | FSC | 40 | 40 | 4.0 | | .300 A | 200J | 400.000 | G | 25NA | 20 | 45 | .004 |
| | 2N3339 | NS 217 | 72 | FSC | 40 | 40 | 4.0 | | .300 A | 200J | 400.000 | G | 25NA | 20 | 45 | .004 |
| | 2N3340 | NS 211 | 46 | SOL,SSD,HUG | 30 | 20 | 5.0 | .030 | .400 A | 175J | 70.000 | G | 1NA | 24 | 60 | .001 |
| | 2N3341 | PS 211 | 46 | SOL,SSD,HUG | 30 | 20 | 5.0 | .030 | .400 A | 175J | 50.000 | G | 10NA | 24 | 60 | .001 |
| | 2N3342 | PS 210 | 5 | SOL,SSD,HUG | 20 | 8 | 20.0 | .050 | .250 A | 175J | 2.000 | B | 20NA | | 60 | .005 |
| | 2N3343 | PS 210 | 5 | SOL,HUG | 25 | 8 | 20.0 | .050 | .250 A | 175J | 2.000 | B | 3NA | 6 | 30 | .001 |
| | 2N3344 | PS 210 | 5 | SOL,SSD,HUG | 30 | 30 | 25.0 | .050 | .250 A | 175J | 2.000 | G | 2NA | 25 | 38 | .001 |
| | 2N3345 | PS 210 | 5 | SOL,SSD,HUG | 50 | 50 | 50.0 | .050 | .250 A | 175J | 2.000 | G | 5NA | 30 | 23 | .001 |
| | 2N3346 | PS 210 | 5 | SOL,SSD,HUG | 50 | 50 | 50.0 | .050 | .250 A | 175J | 2.000 | G | 5NA | 40 | 38 | .001 |
| | 2N3371 | PG 211 | 18 | TII | 25 | 10 | .3 | .100 | .150 A | 100A | 300.000 | G | 7UA | 6 | 100 | .012 |
| | 2N3375 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | 2N3388 | NS 211 | 5 | RAY,STC | 125 | 100 | 6.0 | .002 | .600 A | 175A | 36.000 | G | 2UA | 110 | 90 | .002 |
| | 2N3389 | NS 211 | 5 | STC | 195 | 160 | 6.0 | .007 | .600 A | 175A | 36.000 | G | 2UA | 180 | 90 | .007 |
| | 2N3390 | NS 45 | 98 | GEC,SES | 25 | 25 | 5.0 | .100 | .200 A | 100J | AUD | | 100NA | 18 | 600 | |
| | 2N3391 | NS 45 | 98 | GEC,SPR,SES,HUG | 25 | 25 | 5.0 | .100 | .200 A | 100J | 90.000 | G | 100NA | 25 | 375 | |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | | | | |
| | 2N3391A | NS 45 | 98 | GEC,SPR,SES,HUG | 25 | 25 | 5.0 | .100 | .200 | A | 100J | | 90.000 | G | 100NA 25 | 375 | |
| | 2N3392 | NS 45 | 98 | GEC,SPR,SES,HUG | 25 | 25 | 5.0 | .100 | .200 | A | 100J | | 80.000 | G | 100NA 25 | 225 | |
| | 2N3393 | NS 45 | 98 | GEC,SPR,SES,HUG | 25 | 25 | 5.0 | .100 | .200 | A | 100J | | 80.000 | G | 100NA 25 | 135 | |
| | 2N3394 | NS 45 | 98 | GEC,SPR,SES,HUG | 25 | 25 | 5.0 | .100 | .200 | A | 100J | | 80.000 | G | 100NA 25 | 82 | |
| | 2N3395-WHT | NS 45 | 98 | GEC,SPR,SES | 25 | 25 | 5.0 | .100 | .200 | A | 100J | | AUD | | 100NA 18 | 375 | |
| | 2N3395-YEL | NS 45 | 98 | GEC,SPR,SES | 25 | 25 | 5.0 | .100 | .200 | A | 100J | | AUD | | 100NA 18 | 225 | |
| | 2N3396-ORG | NS 45 | 98 | GEC,SPR,SES | 25 | 25 | 5.0 | .100 | .135 | A | 100J | | AUD | | 100NA 18 | 135 | |
| | 2N3396-WHT | NS 45 | 98 | GEC,SPR,SES | 25 | 25 | 5.0 | .100 | .135 | A | 100J | | AUD | | 100NA 18 | 375 | |
| | 2N3396-YEL | NS 45 | 98 | GEC,SPR,SES | 25 | 25 | 5.0 | .100 | .135 | A | 100J | | AUD | | 100NA 18 | 225 | |
| | 2N3397-ORG | NS 45 | 98 | GEC,SPR,SES | 25 | 25 | 5.0 | .100 | .135 | A | 100J | | AUD | | 100NA 18 | 135 | |
| | 2N3397-RED | NS 45 | 98 | GEC,SPR,SES | 25 | 25 | 5.0 | .100 | .135 | A | 100J | | AUD | | 100NA 18 | 82 | |
| | 2N3397-WHT | NS 45 | 98 | GEC,SPR,SES | 25 | 25 | 5.0 | .100 | .135 | A | 100J | | AUD | | 100NA 18 | 375 | |
| | 2N3397-YEL | NS 45 | 98 | GEC,SPR,SES | 25 | 25 | 5.0 | .100 | .135 | A | 100J | | AUD | | 100NA 18 | 225 | |
| | 2N3398-BLU | NS 45 | 98 | GEC,SPR,SES | 25 | 25 | 5.0 | .100 | .135 | A | 100J | | AUD | | 100NA 18 | 600 | |
| | 2N3398-ORG | NS 45 | 98 | GEC,SPR,SES | 25 | 25 | 5.0 | .100 | .135 | A | 100J | | AUD | | 100NA 18 | 135 | |
| | 2N3398-RED | NS 45 | 98 | GEC,SPR,SES | 25 | 25 | 5.0 | .100 | .135 | A | 100J | | AUD | | 100NA 18 | 82 | |
| | 2N3398-WHT | NS 45 | 98 | GEC,SPR,SES | 25 | 25 | 5.0 | .100 | .135 | A | 100J | | AUD | | 100NA 18 | 375 | |
| | 2N3399 | PG 217 | 72 | AMP | 20 | | .3 | .007 | .080 | A | 90J | | 300.000 | G | 8UA 20 | 40 | |
| | 2N3401 | PS 210 | 5 | SOL | 25 | 25 | 25.0 | .100 | .250 | A | 150J | | .100 | B | 100NA 20 | 30 | .001 |
| | 2N3402 | NS 45 B | | GEC,SES,SPR,HUG | 25 | 25 | 5.0 | .500 | .560 | A | 150J | | MS SW | | 100NA 25 | 150 | |
| | 2N3403 | NS 45 B | | GEC,SES,SPR,HUG | 25 | 25 | 5.0 | .500 | .560 | A | 150J | | MS SW | | 100NA 25 | 360 | |
| | 2N3404 | NS 45 B | | GEC,SES,SPR,HUG | 50 | 50 | 5.0 | .500 | .560 | A | 150J | | MS SW | | 100NA 50 | 150 | |
| | 2N3405 | NS 45 B | | GEC,SES,SPR,HUG | 50 | 50 | 5.0 | .500 | .560 | A | 150J | | MS SW | | 100NA 50 | 360 | |
| | 2N3412 | PG 210 | 5 | ETC,HUG | 20 | 20S | 2.0 | .100 | .060 | A | 100J | | 100.000 | G | 3UA 5 | 80 | .010 |
| | 2N3414 | NS 45 | 98 | GEC,SPR,SES,HUG | 25 | 25 | 5.0 | .500 | .360 | A | 150J | | MS SW | | 100NA 25 | 150 | |
| | 2N3415 | NS 45 | 98 | GEC,SPR,SES,HUG | 25 | 25 | 5.0 | .500 | .360 | A | 150J | | MS SW | | 100NA 25 | 360 | |
| | 2N3416 | NS 45 | 98 | GEC,SPR,SES,HUG | 50 | 50 | 5.0 | .500 | .360 | A | 150J | | MS SW | | 100NA 50 | 150 | |
| | 2N3417 | NS 45 | 98 | GEC,SPR,SES,HUG | 50 | 50 | 5.0 | .500 | .360 | A | 150J | | MS SW | | 100NA 50 | 360 | |
| | 2N3418 | NS 211 | 5 | TII,TEC,TIL,HUG | 85 | 60 | 8.0 | 3.000 | .800 | A | 125C | | 40.300 | G | 30NA 80 | 40 | |
| | 2N3419 | NS 211 | 5 | TII,TIL,TEC,HUG | 125 | 80 | 8.0 | 3.000 | .800 | A | 125C | | 40.000 | G | 30NA 120 | 40 | |
| | 2N3420 | NS 211 | 5 | TII,TIL,TEC,HUG | 85 | 60 | 8.0 | 3.000 | .800 | A | 125C | | 40.000 | G | 30NA 80 | 80 | |
| | 2N3421 | NS 211 | 5 | TII,TIL,TEC,HUG | 125 | 80 | 8.0 | 3.000 | .800 | A | 125C | | 40.000 | G | 30NA 120 | 80 | |
| | 2N3426 | NS 211 K | | FSC,ITT | 25 | 12 | 4.0 | 1.000 | .600 | A | 200J | | 200.300 | G | 100UA 15 | 60 | .300 |
| | 2N3427 | PG 210 | 5 | MOT | 45 | 30R | 30.0 | .500 | .200 | A | 100J | | 4.000 | B | 50UA 45 | 210 | .100 |
| | 2N3428 | PG 210 | 5 | MOT,HUG | 45 | 30R | 30.0 | .500 | .200 | A | 100J | | 5.000 | B | 50UA 45 | 260 | .100 |
| | 2N3429 | NS 560 E | | WHE,SEN | | 50 | 25.0 | 7.500 | 150.000 | H | 175J | | .250 | G | 2MA 50 | 20 | 5.000 |
| | 2N3430 | NS 560 E | | WHE,SEN | | 100 | 25.0 | 7.500 | 150.000 | H | 175J | | .250 | G | 2MA 50 | 20 | 5.000 |
| | 2N3431 | NS 560 E | | WHE,SEN | | 150 | 25.0 | 7.500 | 150.000 | H | 175J | | .250 | G | 2MA 150 | 20 | 5.000 |
| | 2N3432 | NS 560 E | | WHE,SEN | | 200 | 25.0 | 7.500 | 150.000 | H | 175J | | .250 | G | 2MA 200 | 20 | 5.000 |
| | 2N3433 | NS 560 E | | WHE,SEN | | 250 | 25.0 | 7.500 | 150.000 | H | 175J | | .250 | G | 2MA 250 | 20 | 5.000 |
| | 2N3439 | NS 211 | 5 | RCA,MOT,HUG | 450 | 350 | 7.0 | 1.000 | 10.000 | C | 200J | | 15.000 | G | 20UA 300 | 80 | .020 |
| | 2N3440 | NS 211 | 5 | RCA,MOT,HUG | 300 | 250 | 7.0 | 1.000 | 10.000 | C | 200J | | 15.000 | G | 50UA 200 | 80 | .020 |
| | 2N3441 | NS 605 | 66 | STC,RCA,TEC,WHE,HUG | 160 | 140 | 7.0 | 3.000 | 25.000 | C | 200J | | 150.000 | G | 5MA 140 | 50 | .500 |
| | 2N3442 | NS 605 | 3 | RCA,WHE,STC,HUG,SEN,KER | 160 | 140 | 7.0 | 10.000 | 117.000 | C | 200J | | AUD | | 1MA 140 | 38 | 2.000 |
| | 2N3444 | NS 211 | 5 | TII,FSC,ITT,RAY,TEC,MOT | 80 | 50 | 5.0 | 1.000 | 1.000 | A | 200J | | 150.000 | G | 500NA 60 | 34 | .500 |
| | 2N3445 | NS 605 | 3 | MOT,SEN,SOL | 80 | 60 | 6.0 | 7.500 | 115.000 | C | 200J | | 10.000 | G | 100UA 60 | 40 | 3.000 |
| | 2N3446 | NS 605 | 3 | MOT,SEN,SOL | 100 | 80 | 10.0 | 7.500 | 115.000 | C | 200J | | 10.000 | G | 100UA 60 | 40 | 3.000 |
| | 2N3447 | NS 605 | 3 | MOT,SEN,SOL | 80 | 60 | 6.0 | 7.500 | 115.000 | C | 200J | | 10.000 | G | 100UA 60 | 75 | 5.000 |
| | 2N3448 | NS 605 | 3 | MOT,SEN,SOL | 100 | 80 | 10.0 | 7.500 | 115.000 | C | 200J | | 10.000 | G | 100UA 80 | 75 | 5.000 |
| - | 2N3461 | PG 211 | 5 | BEN | 60 | 30 | 1.5 | 3.000 | 5.000 | C | 110C | | .010 | F | 3MA 60 | 128 | .500 |
| | 2N3467 | NS 211 | 5 | RAY,MOT,FSC,TII,HUG,ITT | 40 | 40 | 5.0 | 1.000 | 1.000 | A | 200J | | 175.000 | G | 100NA 30 | 70 | .500 |
| | 2N3468 | NS 211 | 5 | TII,MOT,FSC,RAY,ITT | 50 | 50 | 5.0 | 1.000 | 1.000 | A | 200J | | 150.000 | G | 100NA 30 | 40 | .500 |
| | 2N3469 | NS 211 | 5 | HUG | 35 | 25 | 8.0 | | 4.000 | H | 200J | | 70.000 | G | 100NA 35 | 200 | 1.000 |
| | 2N3470 | NS 561 F | | WHE,SEN | 50 | 50 | 15.0 | 10.000 | 150.000 | H | 150J | | .500 | G | 200UA 50 | 360 | 10.000 |
| | 2N3471 | NS 561 F | | WHE,SEN | 100 | 100 | 15.0 | 10.000 | 150.000 | H | 150J | | .500 | G | 200UA 100 | 360 | 10.000 |
| | 2N3472 | NS 561 F | | WHE,SEN | 150 | 150 | 15.0 | 10.000 | 150.000 | H | 150J | | .500 | G | 200UA 150 | 360 | 10.000 |
| | 2N3473 | NS 561 F | | WHE,SEN | 200 | 200 | 15.0 | 10.000 | 150.000 | H | 150J | | .500 | G | 200UA 200 | 360 | 10.000 |
| | 2N3474 | NS 561 F | | WHE,SEN | 50 | 50 | 15.0 | 10.000 | 150.000 | H | 150J | | .500 | G | 200UA 50 | 500 | 10.000 |
| | 2N3475 | NS 561 F | | WHE,SEN | 100 | 100 | 15.0 | 10.000 | 150.000 | H | 150J | | .500 | G | 200UA 100 | 500 | 10.000 |
| | 2N3476 | NS 561 F | | WHE,SEN | 150 | 150 | 15.0 | 10.000 | 150.000 | H | 150J | | .500 | G | 200UA 150 | 500 | 10.000 |
| | 2N3477 | NS 561 F | | WHE,SEN | 200 | 200 | 15.0 | 10.000 | 150.000 | H | 150J | | .500 | G | 200UA 200 | 500 | 10.000 |
| | 2N3478 | NS 193 | 104 | RCA | 30 | 15 | 2.0 | | .200 | A | 200J | | 750.000 | G | 20NA 1 | 90 | .002 |
| | 2N3485 | PS 211 | 46 | FSC,TII,MOT,RAY,HUG | 60 | 40 | 5.0 | .600 | .360 | A | 200J | | 200.000 | G | 20NA 50 | 70 | .150 |
| | 2N3485A | PS 211 | 46 | FSC,TII,MOT,RAY,HUG | 60 | 60 | 5.0 | .600 | .360 | A | 200J | | 200.000 | G | 10NA 50 | 70 | .150 |
| | 2N3486 | PS 211 | 46 | FSC,TII,MOT,RAY,HUG | 60 | 40 | 5.0 | .600 | .360 | A | 200J | | 200.000 | G | 20NA 50 | 160 | .150 |
| | 2N3486A | PS 211 | 46 | FSC,TII,MOT,RAY,HUG | 60 | 60 | 5.0 | .600 | .360 | A | 200J | | 200.000 | G | 10NA 50 | 160 | .150 |
| | 2N3487 | NS 561 | 61 | MOT,SEN | 80 | 60 | 10.0 | 7.500 | 15.000 | C | 200C | | 10.000 | G | 100UA 80 | 35 | 3.000 |
| | 2N3488 | NS 561 | 61 | MOT,SEN | 100 | 80 | 10.0 | 7.500 | 115.000 | C | 200C | | 10.000 | G | 100UA 100 | 35 | 3.000 |
| | 2N3489 | NS 561 | 61 | MOT,SEN | 120 | 100 | 10.0 | 7.500 | 115.000 | C | 200C | | 10.000 | G | 100UA 120 | 26 | 3.000 |
| | 2N3490 | NS 561 | 61 | MOT,SEN | 80 | 60 | 10.0 | 7.500 | 115.000 | C | 200C | | 10.000 | G | 100UA 80 | 70 | 5.000 |
| | 2N3491 | NS 561 | 61 | MOT,SEN | 100 | 80 | 10.0 | 7.500 | 115.000 | C | 200C | | 10.000 | G | 100UA 100 | 70 | 5.000 |
| | 2N3492 | NS 561 | 61 | MOT,SEN | 120 | 100 | 10.0 | 7.500 | 115.000 | C | 200C | | 10.000 | G | 100UA 120 | 52 | 5.000 |
| | 2N3493 | NS 217 | 72 | MOT | 12 | 8 | 5.0 | | .150 | A | 200J | | 400.000 | G | 5NA 6 | 70 | .001 |
| | 2N3494 | PS 210 | 5 | MOT,TII,TEC,HUG | 80 | 80 | 4.5 | .100 | .600 | A | 200J | | 200.000 | G | 100NA 50 | 80 | .010 |
| | 2N3495 | PS 210 | 5 | MOT,TII,TEC | 120 | 120 | 4.5 | .100 | .600 | A | 200J | | 150.000 | G | 100NA 90 | 80 | .010 |
| | 2N3496 | PS 210 | 18 | MOT,TII,TEC | 80 | 80 | 4.5 | .100 | .400 | A | 200J | | 200.000 | G | 100NA 50 | 80 | .010 |
| | 2N3497 | PS 210 | 18 | MOT,TII,TEC | 120 | 120 | 4.5 | .100 | .400 | A | 200J | | 150.000 | G | 100NA 90 | 80 | .010 |
| | 2N3498 | NS 210 | 5 | MOT,TRW,TEC,HUG | 100 | 100 | 6.0 | .500 | 1.000 | A | 200J | | 150.000 | G | 50NA 50 | 70 | .150 |
| | 2N3499 | NS 210 | 5 | MOT,TRW,TEC,HUG | 100 | 100 | 6.0 | .500 | 1.000 | A | 200J | | 150.000 | G | 50NA 50 | 180 | .150 |
| | 2N3500 | NS 210 | 5 | MOT,TEC | 150 | 150 | 6.0 | .300 | 1.000 | A | 200J | | 150.000 | G | 50NA 75 | 70 | .150 |
| | 2N3501 | NS 210 | 5 | MOT,TEC | 150 | 150 | 6.0 | .300 | 1.000 | A | 200J | | 150.000 | G | 50NA 75 | 180 | .150 |
| | 2N3502 | PS 211 | 5 | FSC,TII,RAY,ITT,NSC,TEC | 45 | 45 | 5.0 | .600 | .700 | A | 200J | | 200.000 | G | 10NA 30 | 150 | .150 |
| | 2N3503 | PS 211 | 5 | FSC,TII,RAY,ITT,NSC,TEC | 60 | 60 | 5.0 | .600 | .700 | A | 200J | | 200.000 | G | 10NA 50 | 150 | .150 |
| | 2N3504 | PS 211 | 18 | FSC,TII,RAY,ITT,NSC,TEC | 45 | 45 | 5.0 | .600 | .400 | A | 200J | | 200.000 | G | 10NA 30 | 150 | .150 |
| | 2N3505 | PS 211 | 18 | FSC,TII,RAY,ITT,NSC,TEC | 60 | 60 | 5.0 | .600 | .400 | A | 200J | | 200.000 | G | 10NA 50 | 150 | .150 |
| | 2N3506 | NS 210 | 5 | MOT,HUG | 60 | 40 | 5.0 | 3.000 | 1.000 | A | 200J | | 60.000 | G | 1UA 40 | 90 | 1.500 |
| | 2N3507 | NS 210 | 5 | MOT,HUG | 80 | 50 | 5.0 | 3.000 | 1.000 | A | 200J | | 60.000 | G | 1UA 60 | 68 | 1.500 |
| | 2N3508 | NS 210 | 46 | MOT | 40 | 20 | 6.0 | .500 | .400 | A | 200J | | 50.000 | G | 200NA 20 | 70 | .010 |
| | 2N3509 | NS 210 | 46 | MOT | 40 | 20 | 6.0 | .500 | .400 | A | 200J | | 50.000 | G | 200NA 20 | 180 | .010 |
| | 2N3510 | NS 210 | 52 | MOT,ITT | 40 | 20 | 6.0 | .500 | .360 | A | 200J | | 350.000 | G | 25NA 10 | 60 | .150 |
| | 2N3511 | NS 210 | 46 | MOT,ITT | 40 | 15 | 6.0 | .500 | .360 | A | 200J | | 450.000 | G | 25NA 10 | 68 | .150 |
| | 2N3512 | NS 211 | 5 | RCA | 60 | 35 | 5.0 | | .800 | A | 200J | | 250.000 | G | 500NA 30 | 20 | |
| | 2N3527 | PS 211 | 46 | CRY | 30 | 30 | 10.0 | .100 | .400 | A | 200J | | 5.000 | G | 100PA 20 | 150 | .001 |
| | 2N3543 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N3544 | NS 210 | 18 | MOT | 25 | 25S | 3.0 | .100 | .300 | A | 175J | | 600.000 | G | 100NA 15 | 50 | .010 |
| | 2N3545 | PS 211 | 18 | RAY | 20 | 20 | 5.0 | | .360 | A | 200J | | 250.000 | G | | 70 | .010 |
| | 2N3546 | PS 210 | 18 | MOT,RAY | 15 | 12 | 4.5 | | .360 | A | 200J | | 700.000 | G | 10NA 10 | 60 | .010 |
| | 2N3547 | PS 211 | 18 | NSC | 60 | 60 | 6.0 | .100 | .400 | A | 200J | | 45.000 | G | 25NA 45 | 225 | .001 |
| | 2N3548 | PS 211 | 18 | NSC | 60 | 45 | 6.0 | .100 | .400 | A | 200J | | 60.000 | G | 10NA 45 | 300 | .010 |
| | 2N3549 | PS 211 | 18 | NSC | 60 | 60 | 6.0 | .100 | .400 | A | 200J | | 60.000 | G | 10NA 45 | 400 | .010 |
| | 2N3550 | PS 211 | 18 | NSC | 60 | 45 | 6.0 | .100 | .400 | A | 200J | | 60.000 | G | 1NA 45 | 500 | .010 |
| | 2N3551 | NS 911 A | | TII | 115 | 60 | 7.0 | 12.000 | 1.200 | A | 175J | | 40.000 | G | 10MA 110 | 44 | |
| | 2N3552 | NS 911 A | | TII | 140 | 80 | 7.0 | 12.000 | 1.200 | A | 175J | | 40.000 | G | 10MA 135 | 44 | |
| | 2N3553 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N3554 | NS 211 | 5 | TII,RAY | 60 | 30 | 5.0 | 1.200 | .800 | A | 200J | | 150.000 | G | 500NA 40 | 50 | .750 |
| | 2N3563 | NS 173 | 106 | FSC,NSC,GIC,TEC,HUG | 30 | 12 | 2.0 | | .200 | A | 125J | | 600.000 | G | 50NA 30 | 70 | .008 |
| | 2N3564 | NS 173 | 106 | FSC,NSC,GIC,HUG | 30 | 15 | 4.0 | | .200 | A | 125J | | 400.000 | G | 100UA 30 | 70 | .015 |
| | 2N3565 | NS 173 | 106 | FSC,NSC,GIC,TEC,PHF,HUG | 30 | 25 | 6.0 | | .200 | A | 125J | | 40.000 | G | 50NA 30 | 300 | .001 |
| | 2N3566 | NS 173 | 105 | FSC,NSC,PHF,HUG | 40 | 30 | 5.0 | | .300 | A | 125J | | 40.000 | G | 50NA 40 | 300 | .010 |
| | 2N3567 | NS 173 | 105 | FSC,NSC,HUG | 80 | 40 | 5.0 | .500 | .300 | A | 125J | | 60.000 | G | 50UA 40 | 70 | .120 |
| | 2N3568 | NS 173 | 105 | FSC,HUG | 80 | 60 | 5.0 | .500 | .300 | A | 125J | | 60.000 | G | 50UA 40 | 70 | .120 |
| | 2N3569 | NS 173 | 105 | NSC,FSC,HUG | 80 | 40 | 5.0 | .500 | .300 | A | 125J | | 60.000 | G | 50UA 40 | 175 | .300 |
| | 2N3570 | NS 217 | 72 | TII,TIL | 30 | 15 | 3.0 | .050 | .200 | A | 200J | | 1500.000 | G | 10NA 6 | 58 | .005 |
| | 2N3571 | NS 217 | 72 | TII,TIL | 25 | 15 | 3.0 | .050 | .200 | A | 200J | | 1200.000 | G | 10NA 6 | 70 | .005 |
| | 2N3572 | NS 217 | 72 | TII,TIL | 25 | 13 | 3.0 | .050 | .200 | A | 200J | | 1000.000 | G | 10NA 6 | 95 | .005 |
| | 2N3576 | PS 211 | 18 | TII,RAY,TIL | 20 | 15 | 5.0 | .200 | .360 | A | 175J | | 400.000 | G | 10NA 15 | 70 | .010 |
| | 2N3579 | PS 211 | 46 | SOL,SSD,HUG | 80 | 60 | 6.0 | .030 | .400 | A | 200J | | 80.000 | G | 50NA 40 | 60 | .001 |
| | 2N3580 | PS 211 | 46 | SOL,SSD,HUG | 80 | 60 | 6.0 | .030 | .400 | A | 200J | | 80.000 | G | 50NA 40 | 120 | .001 |
| | 2N3581 | PS 211 | 46 | SOL,SSD,HUG | 50 | 40 | 6.0 | .030 | .400 | A | 200J | | 100.000 | G | 20NA 30 | 100 | .001 |
| | 2N3582 | PS 211 | 46 | SOL,SSD,HUG | 50 | 40 | 6.0 | .030 | .400 | A | 200J | | 100.000 | G | 20NA 30 | 200 | .001 |
| | 2N3583 | NS 605 | 66 | RCA | 250 | 175 | 6.0 | 5.000 | 35.000 | C | 200J | | 100.000 | G | 1MA 225 | 80 | .100 |
| | 2N3584 | NS 605 | 66 | RCA | 375 | 250 | 6.0 | 5.000 | 35.000 | C | 200J | | 100.000 | G | 1MA 300 | 80 | .100 |
| | 2N3585 | NS 605 | 66 | RCA | 500 | 300 | 6.0 | 5.000 | 35.000 | C | 200J | | 100.000 | G | 1MA 400 | 80 | .100 |
| | 2N3588 | PG 218 E | | AMP | 25 | | .3 | .010 | .100 | A | 85J | | 270.000 | G | 5UA 12 | 66 | .003 |
| - | 2N3589 | NS 635 B | | GEC | 200 | 200R | 10.0 | | 15.000 | C | 175J | | 15.000 | G | 1UA 100 | 50 | .200 |
| - | 2N3590 | NS 635 B | | GEC | 200 | 200 | 10.0 | | 15.000 | C | 175J | | 15.000 | G | 1UA 100 | 100 | .200 |
| - | 2N3591 | NS 676 A | | GEC | 200 | 200 | 10.0 | | 15.000 | C | 175J | | 15.000 | G | 1UA 100 | 50 | .200 |
| - | 2N3592 | NS 676 A | | GEC | 200 | 200 | 10.0 | | 15.000 | C | 175J | | 15.000 | G | 1UA 100 | 100 | .200 |
| - | 2N3593 | NS 530 B | | GEC | 200 | 200 | 10.0 | | 7.000 | C | 175J | | 15.000 | G | 1UA 100 | 50 | .200 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | | | $h_{FE}$ @ $I_C$(A) | |
| - | 2N3594 | NS 530 B | | GEC | 200 | 200 | 10.0 | | 7.000 | C | 175J | | 15.000 | G | | |
| - | 2N3595 | NS 530 A | | GEC | 200 | 200 | 10.0 | | 15.000 | C | 175J | | 15.000 | G | 1UA 100 | 50 .200 |
| - | 2N3596 | NS 530 A | | GEC | 200 | 200R | 10.0 | | 15.000 | C | 175J | | 15.000 | G | 1UA 100 | 100 .200 |
| | 2N3597 | NS 561 | 63 | SOL,TEC,HUG | 60 | 40 | 8.0 | 20.000 | 100.000 | H | 200J | | 30.000 | G | 100NA 30 | 70 10.000 |
| | 2N3598 | NS 561 | 63 | SOL,TEC,HUG | 80 | 60 | 8.0 | 20.000 | 100.000 | H | 200J | | 30.000 | G | 100NA 30 | 70 10.000 |
| | 2N3599 | NS 561 | 63 | SOL,TEC,HUG | 100 | 80 | 8.0 | 20.000 | 100.000 | H | 200J | | 30.000 | G | 100NA 30 | 70 10.000 |
| | 2N3600 | NS 217 | 72 | RCA,AMP | 30 | 15 | 3.0 | | .200 | A | 200J | | 850.000 | G | 10NA 15 | 80 .003 |
| | 2N3605 | NS 45 | 98 | GEC,SES | 18 | 14 | 5.0 | .200 | .200 | A | 100J | | 300.000 | G | 500NA 18 | 65 .010 |
| | 2N3605A | NS 45 | 98 | GEC | 40 | 15 | 5.0 | .200 | .330 | A | 125J | | 300.000 | G | 25NA 20 | 60 .010 |
| | 2N3606 | NS 45 | 98 | GEC,SES | 18 | 14 | 5.0 | .200 | .200 | A | 100J | | 300.000 | G | 500NA 18 | 65 .010 |
| | 2N3606A | NS 45 | 98 | GEC | 40 | 15 | 5.0 | .200 | .330 | A | 125J | | 300.000 | G | 25NA 20 | 60 .010 |
| | 2N3607 | NS 45 | 98 | GEC,SES | 18 | 14 | 5.0 | .200 | .200 | A | 100J | | 300.000 | G | 500NA 18 | 65 .010 |
| | 2N3611 | PG 605 | 3 | MOT,SOL,ETC,HUG | 40 | 25 | 20.0 | 7.000 | 85.000 | C | 110J | | .300 | G | 5MA 40 | 50 3.000 |
| | 2N3612 | PG 605 | 3 | MOT,SOL,ETC,HUG | 60 | 35 | 30.0 | 7.000 | 85.000 | C | 110J | | .300 | G | 5MA 60 | 50 3.000 |
| | 2N3613 | PG 605 | 3 | MOT,SOL,ETC,HUG | 40 | 25 | 20.0 | 7.000 | 85.000 | C | 110J | | .300 | G | 5MA 40 | 80 3.000 |
| | 2N3614 | PG 605 | 3 | MOT,SOL,ETC,HUG | 60 | 35 | 30.0 | 7.000 | 85.000 | C | 110J | | .300 | G | 5MA 60 | 80 3.000 |
| | 2N3615 | PG 605 | 3 | MOT,SOL,ETC,HUG | 80 | 50 | 40.0 | 7.000 | 85.000 | C | 110J | | .300 | G | 5MA 80 | 40 3.000 |
| | 2N3616 | PG 605 | 3 | MOT,SOL,ETC,HUG | 100 | 60 | 50.0 | 7.000 | 85.000 | C | 110J | | .300 | G | 5MA 100 | 40 3.000 |
| | 2N3617 | PG 605 | 3 | MOT,SOL,ETC,HUG | 80 | 50 | 40.0 | 7.000 | 85.000 | C | 110J | | .300 | G | 5MA 80 | 60 3.000 |
| | 2N3618 | PG 605 | 3 | MOT,SOL,ETC,HUG | 100 | 60 | 50.0 | 7.000 | 85.000 | C | 110J | | .300 | G | 5MA 100 | 60 3.000 |
| - | 2N3619 | NS 210 | 5 | BEN | 75 | 40 | 4.0 | 2.500 | 7.500 | C | 175J | | 200.000 | G | 25UA 15 | 80 1.000 |
| | 2N3620 | NS 540 B | | SOL | 75 | 40 | 4.0 | 5.000 | 7.500 | C | 175J | | 200.000 | G | 25UA 15 | 80 1.000 |
| | 2N3621 | NS 560 | 61 | SOL | 75 | 40 | 4.0 | 10.000 | 15.000 | C | 175J | | 200.000 | G | 25UA 15 | 80 1.000 |
| | 2N3622 | NS 561 | 61 | SOL | 75 | 40 | 4.0 | 10.000 | 15.000 | C | 175J | | 200.000 | G | 25UA 15 | 80 1.000 |
| - | 2N3623 | NS 210 | 5 | BEN | 75 | 40 | 4.0 | 2.500 | 7.500 | C | 175J | | 200.000 | G | 1UA 15 | 80 1.000 |
| | 2N3624 | NS 540 B | | SOL | 75 | 40 | 4.0 | 5.000 | 7.500 | C | 175J | | 200.000 | G | 1UA 15 | 80 1.000 |
| | 2N3625 | NS 560 | 61 | SOL | 75 | 40 | 4.0 | 10.000 | 15.000 | C | 175J | | 200.000 | G | 1UA 15 | 80 1.000 |
| | 2N3626 | NS 561 | 61 | SOL | 75 | 40 | 4.0 | 10.000 | 15.000 | C | 175J | | 200.000 | G | 1UA 15 | 80 1.000 |
| - | 2N3627 | NS 210 | 5 | BEN | 100 | 50 | 4.0 | 2.500 | 7.500 | C | 175J | | 200.000 | G | 1UA 30 | 80 1.000 |
| - | 2N3628 | NS 540 B | | BEN | 100 | 50 | 4.0 | 5.000 | 7.500 | C | 175J | | 200.000 | G | 1UA 30 | 80 1.000 |
| | 2N3629 | NS 560 | 61 | SOL | 100 | 50 | 4.0 | 10.000 | 20.000 | C | 175J | | 200.000 | G | 1UA 30 | 80 1.000 |
| | 2N3630 | NS 561 | 61 | SOL | 100 | 50 | 4.0 | 10.000 | 20.000 | C | 175J | | 200.000 | G | 1UA 30 | 80 1.000 |
| | 2N3632 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | 2N3633 | NS 211 | 18 | TEC,HUG | 15 | 60 | 4.0 | .050 | .300 | A | 200J | | 1300.000 | G | 5NA 5 | 88 .010 |
| | 2N3634 | PS 211 | 5 | MOT,TEC | 140 | 140 | 5.0 | 1.000 | 1.000 | A | 200J | | 150.000 | G | 100NA 100 | 86 .050 |
| | 2N3635 | PS 211 | 5 | MOT,TEC | 140 | 140 | 5.0 | 1.000 | 1.000 | A | 200J | | 200.000 | G | 100NA 100 | 130 .050 |
| | 2N3636 | PS 211 | 5 | MOT,TEC | 175 | 175 | 5.0 | 1.000 | 1.000 | A | 200J | | 150.000 | G | 100NA 100 | 86 .050 |
| | 2N3637 | PS 211 | 5 | MOT,TEC | 175 | 175 | 5.0 | 1.000 | 1.000 | A | 200J | | 200.000 | G | 100NA 100 | 130 .050 |
| | 2N3638 | PS 170 G | | FSC,GIC,NSC,HUG | 25 | 25 | 4.0 | .500 | .300 | A | 125J | | 100.000 | G | 35NA 15 | 67 .050 |
| | 2N3638A | PS 170 G | | FSC,NSC,HUG | 25 | 25 | 4.0 | .500 | .300 | A | 125J | | 150.000 | G | 35NA 15 | 130 .050 |
| | 2N3639 | PS 170 F | | HUG,FSC | 12 | 12 | 4.0 | | .200 | A | 125J | | 350.000 | G | 50NA 3 | 60 |
| | 2N3640 | PS 170 F | | HUG,FSC | 12 | 12 | 4.0 | | .200 | A | 125J | | 400.000 | G | 50NA 6 | 60 |
| | 2N3641 | NS 170 G | | FSC,NSC,HUG | 60 | 30 | 5.0 | | .500 | A | 125J | | 150.000 | G | 50NA 50 | 70 |
| | 2N3642 | NS 170 G | | FSC,NSC,HUG | 60 | 30 | 5.0 | | .500 | A | 125J | | 150.000 | G | 50NA 50 | 70 |
| | 2N3643 | NS 170 G | | FSC,NSC,HUG | 60 | 45 | 5.0 | | .500 | A | 125J | | 250.000 | G | 50NA 50 | 140 |
| | 2N3644 | PS 173 | 105 | NSC,FSC,HUG | 45 | 45 | 5.0 | .500 | .300 | A | 125J | | 200.000 | G | 35NA 30 | 140 .150 |
| | 2N3645 | PS 173 | 105 | NSC,FSC,HUG | 60 | 60 | 5.0 | .500 | .300 | A | 125J | | 200.000 | G | 35NA 50 | 140 .150 |
| | 2N3646 | NS 170 F | | FSC,HUG | 40 | 15 | 5.0 | | .200 | A | 125J | | 400.000 | G | 500NA 20 | 60 |
| | 2N3647 | NS 211 | 46 | MOT,HUG,FSC | 40 | 10 | 6.0 | .500 | .400 | A | 200J | | 350.000 | G | 25NA 10 | 70 .550 |
| | 2N3648 | NS 211 | 46 | MOT,HUG,FSC | 40 | 15 | 6.0 | .500 | .400 | A | 200J | | 450.000 | G | 25NA 10 | 60 .150 |
| | 2N3659 | NS 211 | 5 | TRW,HUG | 220 | 170 | 5.0 | .500 | 4.000 | C | 200J | | 50.000 | G | 10NA 120 | 30 .010 |
| | 2N3660 | PS 211 | 5 | TEC,HUG,SOL | 40 | 30 | 5.0 | 1.500 | 5.000 | C | 200A | | 25.000 | G | 100NA 20 | 50 .500 |
| | 2N3661 | PS 211 | 5 | TEC,HUG,SOL | 60 | 50 | 5.0 | 1.500 | 5.000 | C | 200A | | 25.000 | G | 100NA 30 | 50 .500 |
| | 2N3662 | NS 45 | 98 | GEC,SES | 18 | 12 | 3.0 | .025 | .200 | A | 100J | | 700.000 | G | 500NA 15 | 40 .008 |
| | 2N3663 | NS 45 | 98 | GEC,SES | 30 | 12 | 3.0 | .025 | .200 | A | 100J | | 700.000 | G | 500NA 15 | 40 .008 |
| | 2N3664 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | 2N3665 | NS 211 | 5 | ITT,NSC,TEC,HUG,FSC,SOL | 120 | 80 | 10.0 | 1.000 | 5.000 | C | 200J | | 60.000 | G | 50NA 60 | 70 .150 |
| | 2N3666 | NS 211 | 5 | ITT,NSC,TEC,HUG,FSC,SOL | 120 | 80 | 10.0 | 1.000 | 5.000 | C | 200J | | 60.000 | G | 50NA 60 | 150 .150 |
| | 2N3667 | NS 605 | 3 | SOL | 50 | 50 | 5.0 | 15.000 | 117.000 | C | 200J | | .500 | G | 5MA 50 | 30 8.000 |
| | 2N3671 | PS 211 | 5 | FSC,RAY,ITT,MOT,HUG | 60 | 50 | 5.0 | .600 | .600 | A | 200J | | 200.000 | G | 10NA 50 | 120 .150 |
| | 2N3672 | PS 211 | 18 | FSC,RAY,ITT,MOT,HUG | 60 | 50 | 5.0 | .600 | .400 | A | 200J | | 200.000 | G | 10NA 50 | 120 .150 |
| | 2N3673 | PS 211 | 46 | FSC,RAY,MOT,HUG | 60 | 50 | 5.0 | .600 | .350 | A | 200J | | 200.000 | G | 10NA 50 | 120 .150 |
| | 2N3675 | NS 211 | 5 | HUG | 90 | 55 | 7.0 | 3.000 | 8.750 | C | 200C | | 1.000 | G | 5MA 90 | 27 1.000 |
| | 2N3676 | NS 211 | 5 | HUG | 90 | 90 | 7.0 | 3.000 | 8.750 | C | 200C | | 1.000 | G | 5MA 90 | 27 1.000 |
| | 2N3677 | PS 211 | 46 | CRY | 30 | 20 | 30.0 | .100 | .400 | A | 200J | | 5.000 | G | 1NA 30 | 8 .001 |
| | 2N3678 | NS 211 | 5 | FSC,ITT,TRW | 75 | 55 | 6.0 | .800 | .800 | A | 200J | | 250.000 | G | 10NA 60 | 70 .150 |
| - | 2N3681 | NS 217 | 72 | RAY | 10 | 7 | 2.0 | | .200 | A | 200J | | 1000.000 | G | 10NA 60 | 100 .002 |
| | 2N3688 | NS 170 F | | FSC,GIC | 40 | 40 | 4.0 | | .200 | A | 125J | | 400.000 | G | 50NA 20 | 70 .004 |
| | 2N3689 | NS 170 F | | FSC,GIC | 40 | 40 | 4.0 | | .200 | A | 125J | | 400.000 | G | 50NA 20 | 70 .004 |
| | 2N3690 | NS 170 F | | FSC,GIC | 40 | 40 | 4.0 | | .200 | A | 125J | | 400.000 | G | 50NA 20 | 70 .004 |
| | 2N3691 | NS 170 F | | FSC,NSC,PHF | 35 | 25 | 4.0 | | .200 | A | 125J | | 200.000 | G | 50NA 30 | 80 .010 |
| | 2N3692 | NS 170 F | | FSC,NSC,PHF,HUG | 35 | 25 | 4.0 | | .200 | A | 125J | | 200.000 | G | 50NA 30 | 200 .010 |
| | 2N3693 | NS 170 F | | FSC,NSC,GIC | 45 | 45 | 4.0 | | .200 | A | 125J | | 200.000 | G | 50NA 35 | 80 .010 |
| | 2N3694 | NS 170 F | | FSC,NSC,GIC | 45 | 45 | 4.0 | | .200 | A | 125J | | 200.000 | G | 50NA 35 | 200 .010 |
| | 2N3700 | NS 211 | 18 | RAY,TRW,TEC,HUG,FSC,ITT | 140 | 80 | 7.0 | 1.000 | .500 | A | 200J | | 100.000 | G | 10NA 90 | 160 .150 |
| | 2N3701 | NS 211 | 18 | ITT,TEC,HUG,FSC | 140 | 80 | 7.0 | 1.000 | .500 | A | 200J | | 80.000 | G | 10NA 90 | 70 .150 |
| | 2N3702 | PS 43 | 92 | TII,TIL | 40 | 25 | 5.0 | .200 | .300 | A | 125J | | 100.000 | G | 100NA 20 | 150 .050 |
| | 2N3703 | PS 43 | 92 | TII,TIL | 50 | 30 | 5.0 | .200 | .300 | A | 125J | | 100.000 | G | 100NA 20 | 75 .050 |
| | 2N3704 | NS 43 | 92 | TII,TIL | 50 | 30 | 5.0 | .800 | .360 | A | 150J | | 100.000 | G | 100NA 20 | 160 .050 |
| | 2N3705 | NS 43 | 92 | TII,TIL | 50 | 30 | 5.0 | .800 | .360 | A | 150J | | 100.000 | G | 100NA 20 | 80 .050 |
| | 2N3706 | NS 43 | 92 | TII,TIL | 40 | 20 | 5.0 | .800 | .360 | A | 150J | | 100.000 | G | 100NA 20 | 300 .050 |
| | 2N3707 | NS 43 | 92 | TII,TIL | 30 | 30 | 6.0 | .030 | .250 | A | 125J | | .090 | G | 100NA 20 | 200 .001 |
| | 2N3708-BLU | NS 43 | 92 | TII | 30 | 30 | 6.0 | .030 | .250 | A | 125J | | .090 | G | 100NA 20 | 350 .001 |
| | 2N3708-BRN | NS 43 | 92 | TII | 30 | 30 | 6.0 | .030 | .250 | A | 125J | | .090 | G | 100NA 20 | 65 .001 |
| | 2N3708-GRN | NS 43 | 92 | TII | 30 | 30 | 6.0 | .030 | .250 | A | 125J | | .090 | G | 100NA 20 | 250 .001 |
| | 2N3708-ORG | NS 43 | 92 | TII | 30 | 30 | 6.0 | .030 | .250 | A | 125J | | .090 | G | 100NA 20 | 128 .001 |
| | 2N3708-RED | NS 43 | 92 | TII | 30 | 30 | 6.0 | .030 | .250 | A | 125J | | .090 | G | 100NA 20 | 88 .001 |
| | 2N3708-VIO | NS 43 | 92 | TII | 30 | 30 | 6.0 | .030 | .250 | A | 125J | | .090 | G | 100NA 20 | 510 .001 |
| | 2N3708-YEL | NS 43 | 92 | TII | 30 | 30 | 6.0 | .030 | .250 | A | 125J | | .090 | G | 100NA 20 | 178 .001 |
| | 2N3709 | NS 43 | 92 | TII,TIL | 30 | 30 | 6.0 | .030 | .250 | A | 125J | | .090 | G | 100NA 20 | 80 .001 |
| | 2N3710 | NS 43 | 92 | TII,TIL | 30 | 30 | 6.0 | .030 | .250 | A | 125J | | .180 | G | 100NA 20 | 160 .001 |
| | 2N3711 | NS 43 | 92 | TII,TIL | 30 | 30 | 6.0 | .030 | .250 | A | 125J | | .360 | G | 100NA 20 | 330 .001 |
| | 2N3712 | NS 211 | 5 | TII,MOT | 150 | 150 | 5.0 | .200 | .800 | A | 175J | | 40.000 | G | 100NA 75 | 70 .030 |
| | 2N3713 | PG 605 | 3 | MOT,TII,SEN,TIL,SOL | 80 | 60 | 7.0 | 10.000 | 150.000 | C | 200J | | 4.000 | G | 1MA 80 | 48 1.000 |
| | 2N3714 | PG 605 | 3 | MOT,TII,HUG,SEN,TIL,SOL | 100 | 80 | 7.0 | 10.000 | 150.000 | C | 200J | | 4.000 | G | 1MA 100 | 48 1.000 |
| | 2N3715 | PG 605 | 3 | MOT,TII,HUG,SEN,TIL,SOL | 80 | 60 | 7.0 | 10.000 | 150.000 | C | 200J | | 4.000 | G | 1MA 80 | 86 1.000 |
| | 2N3716 | NS 605 | 3 | MOT,TII,HUG,SEN,SOL,TIL | 100 | 80 | 7.0 | 10.000 | 150.000 | C | 200J | | 4.000 | G | 1MA 100 | 86 1.000 |
| | 2N3719 | PS 211 | 5 | MOT,TEC,SOL | 40 | 40 | 4.0 | 3.000 | 1.000 | A | 200J | | 60.000 | G | 10UA 40 | 70 1.000 |
| | 2N3720 | PS 211 | 5 | MOT,TEC,SOL | 60 | 60 | 4.0 | 3.000 | 1.000 | A | 200J | | 60.000 | G | 10UA 60 | 70 1.000 |
| | 2N3721 | NS 45 | 98 | SPR,GEC | 18 | 18 | 5.0 | .100 | .360 | A | 150J | | AUD | | 500NA 18 | 160 .002 |
| | 2N3722 | NS 211 | 5 | FSC,RAY | 80 | 60 | 6.0 | 1.000 | .800 | A | 200J | | 300.000 | G | 500NA 40 | 70 .100 |
| | 2N3723 | NS 211 | 5 | FSC | 100 | 80 | 6.0 | 1.000 | .800 | A | 200J | | 300.000 | G | 500NA 50 | 70 .100 |
| | 2N3724 | NS 211 | 5 | FSC,TII,ITT,TEC,RAY,HUG | 50 | 30 | 6.0 | 1.000 | .800 | A | 200J | | 250.000 | G | 2UA 40 | 60 .010 |
| | 2N3724A | NS 211 | 5 | TII,RAY,TIL | 50 | 30 | 6.0 | 1.200 | 1.000 | A | 200J | | 300.000 | G | 500NA 40 | 98 .100 |
| | 2N3725 | NS 211 | 5 | FSC,TII,ITT,TEC,RAY,HUG | 80 | 50 | 6.0 | 1.000 | .800 | A | 200J | | 250.000 | G | 2UA 60 | 60 .010 |
| | 2N3725A | NS 211 | 5 | TII,RAY,TIL | 80 | 50 | 6.0 | 1.200 | 1.000 | A | 200J | | 300.000 | G | 500NA 60 | 98 .100 |
| | 2N3730 | PG 605 | 3 | RCA | 200 | | .5 | 3.000 | 10.000 | C | 85J | | .015 | G | 200UA 10 | |
| | 2N3731 | PG 605 | 3 | RCA | 320 | | 2.0 | 10.000 | 5.000 | C | 85J | | .015 | G | 200UA 10 | |
| | 2N3732 | PG 605 | 3 | RCA | 100 | | .5 | 3.000 | 3.000 | C | 85J | | .015 | G | 200NA 10 | |
| | 2N3733 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | 2N3734 | NS 211 | 5 | MOT,FSC,RAY | 50 | 30 | 5.0 | 1.500 | 1.000 | A | 200J | | 250.000 | G | 200NA 25 | 60 1.000 |
| | 2N3735 | NS 211 | 5 | MOT,RAY | 75 | 50 | 5.0 | 1.500 | .500 | A | 200J | | 250.000 | G | 20NA 40 | 40 1.000 |
| | 2N3736 | NS 211 | 46 | MOT,FSC,ITT | 50 | 30 | 5.0 | 1.500 | 1.000 | A | 200J | | 250.000 | G | 200NA 25 | 60 1.000 |
| | 2N3737 | NS 211 | 46 | MOT | 75 | 50 | 5.0 | 1.500 | .500 | A | 200J | | 250.000 | G | 20NA 40 | 40 1.000 |
| | 2N3738 | NS 605 | 66 | MOT | 250 | 225 | 6.0 | .250 | 20.000 | C | 175J | | 10.000 | G | 100UA 250 | 100 .100 |
| | 2N3739 | NS 605 | 66 | MOT | 325 | 300 | 6.0 | .250 | 20.000 | C | 175J | | 10.000 | G | 100UA 325 | 100 .100 |
| | 2N3740 | PS 605 | 66 | MOT,TEC,SOL | 60 | 60 | 7.0 | 4.000 | 25.000 | C | 200J | | 4.000 | G | 100UA 60 | 50 .250 |
| | 2N3740A | PS 605 | 66 | MOT | 60 | 60 | 7.0 | 4.000 | 25.000 | C | 200J | | 4.000 | G | 100NA 60 | 55 .250 |
| | 2N3741 | PS 605 | 66 | MOT,TEC,SOL | 80 | 80 | 7.0 | 4.000 | 25.000 | C | 200J | | 4.000 | G | 100UA 80 | 50 .250 |
| | 2N3741A | PS 605 | 66 | MOT | 80 | 80 | 7.0 | 4.000 | 25.000 | C | 200J | | 4.000 | G | 100NA 80 | 55 .250 |
| | 2N3742 | NS 211 | 5 | MOT,STC | 300 | 300 | 10.0 | .050 | 1.000 | A | 200J | | 30.000 | G | 200NA 200 | 70 .030 |
| | 2N3743 | PS 211 | 5 | MOT | 300 | 300 | 5.0 | .050 | 1.000 | A | 200J | | 30.000 | G | 300NA 200 | 90 .030 |
| | 2N3744 | NS 568 | 111 | SOL,TEC,HUG,STC | 60 | 40 | 7.0 | 5.000 | 30.000 | C | 200J | | 30.000 | G | 100NA 30 | 35 1.000 |
| | 2N3745 | NS 568 | 111 | SOL,TEC,HUG,STC | 80 | 60 | 8.0 | 5.000 | 30.000 | C | 200J | | 30.000 | G | 100NA 60 | 35 1.000 |
| | 2N3746 | NS 568 | 111 | SOL,TEC,HUG,STC | 100 | 80 | 8.0 | 5.000 | 30.000 | C | 200J | | 30.000 | G | 100NA 60 | 35 1.000 |
| | 2N3747 | NS 568 | 111 | SOL,TEC,HUG,STC | 60 | 40 | 7.0 | 5.000 | 30.000 | C | 200J | | 40.000 | G | 100NA 30 | 70 1.000 |
| | 2N3748 | NS 568 | 111 | SOL,TEC,HUG,STC | 80 | 60 | 8.0 | 5.000 | 30.000 | C | 200J | | 40.000 | G | 100NA 60 | 70 1.000 |
| | 2N3749 | NS 568 | 111 | SOL,TEC,HUG,STC | 100 | 80 | 8.0 | 5.000 | 30.000 | C | 200J | | 40.000 | G | 100NA 60 | 70 1.000 |
| | 2N3750 | NS 568 | 111 | SOL,TEC,HUG,STC | 60 | 40 | 7.0 | 5.000 | 30.000 | C | 200J | | 50.000 | G | 100NA 30 | 175 1.000 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) Cond. | | | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ $I_C$(A) | |
| | 2N3751 | NS 568 | 111 | SOL,TEC,HUG,STC | 80 | 60 | 8.0 | 5.000 | 30.000 | C | 200J | 50.000 | G | 100NA | 60 | 175 | 1.000 |
| | 2N3752 | NS 568 | 111 | SOL,TEC,HUG,STC | 100 | 80 | 8.0 | 5.000 | 30.000 | C | 200J | 50.000 | G | 100NA | 60 | 175 | 1.000 |
| | 2N3762 | PS 211 | 5 | MOT | 40 | 40 | 5.0 | 1.500 | 1.000 | A | 200J | 180.000 | G | 100NA | 20 | 60 | 1.000 |
| | 2N3763 | PS 211 | 5 | MOT | 60 | 60 | 5.0 | 1.500 | 1.000 | A | 200J | 150.000 | G | 100NA | 30 | 40 | 1.000 |
| | 2N3764 | PS 211 | 46 | MOT | 40 | 40 | 5.0 | 1.500 | .500 | A | 200J | 180.000 | G | 100NA | 20 | 60 | 1.000 |
| | 2N3765 | PS 211 | 46 | MOT | 60 | 60 | 5.0 | 1.500 | .500 | A | 200J | 150.000 | G | 100NA | 30 | 40 | 1.000 |
| | 2N3766 | NS 605 | 66 | MOT,TEC,HUG,SOL | 80 | 60 | 6.0 | 4.000 | 20.000 | C | 175J | 10.000 | G | 100UA | 60 | 80 | .500 |
| | 2N3767 | NS 605 | 66 | MOT,TEC,HUG,SOL | 100 | 80 | 6.0 | 4.000 | 20.000 | C | 175J | 10.000 | G | 100UA | 80 | 80 | .500 |
| | 2N3771 | NS 605 | 3 | RCA,SOL,WHE,STC,MOT,HUG | 50 | 40 | 5.0 | 30.000 | 150.000 | C | 200J | .200 | G | 2MA | 50 | 30 | 15.000 |
| | 2N3772 | NS 605 | 3 | RCA,SOL,WHE,STC,MOT,HUG | 100 | 60 | 7.0 | 30.000 | 150.000 | C | 200J | .200 | G | 5MA | 100 | 30 | 15.000 |
| | 2N3773 | NS 605 | 3 | RCA,SOL,WHE,STC,MOT,HUG | 160 | 140 | 7.0 | 30.000 | 150.000 | C | 200J | AUD | | 2MA | 140 | 30 | 8.000 |
| | 2N3774 | PS 211 | 5 | STC | 40 | 40 | 8.0 | 1.000 | 8.750 | C | 200J | HF AMP | | 500UA | 40 | 30 | .200 |
| | 2N3775 | PS 211 | 5 | STC,CRY,SOL | 60 | 60 | 8.0 | 1.000 | 8.750 | C | 200J | HF AMP | | 500UA | 60 | 30 | .200 |
| | 2N3776 | PS 211 | 5 | STC,CRY,SOL | 80 | 80 | 8.0 | 1.000 | 8.750 | C | 200J | HF AMP | | 500UA | 80 | 30 | .200 |
| | 2N3777 | PS 211 | 5 | STC,CRY,SOL | 100 | 100 | 8.0 | 1.000 | 8.750 | C | 200J | HF AMP | | 500UA | 100 | 30 | .200 |
| | 2N3778 | PS 211 | 5 | STC,CRY,SOL | 40 | 40 | 8.0 | 1.000 | 8.750 | C | 200J | HF AMP | | 500UA | 40 | 20 | .200 |
| | 2N3779 | PS 211 | 5 | STC,CRY,SOL | 60 | 60 | 8.0 | 1.000 | 8.750 | C | 200J | HF AMP | | 500UA | 60 | 20 | .200 |
| | 2N3780 | PS 211 | 5 | STC,CRY,SOL | 80 | 80 | 8.0 | 1.000 | 8.750 | C | 200J | HF AMP | | 500UA | 80 | 20 | .200 |
| | 2N3781 | PS 211 | 5 | STC,CRY,SOL | 100 | 100 | 8.0 | 1.000 | 8.750 | C | 200J | HF AMP | | 500UA | 100 | 20 | .200 |
| | 2N3782 | NS 211 | 5 | STC,CRY,SOL | 40 | 40 | 8.0 | 1.000 | 8.750 | C | 200J | HF AMP | | 500UA | 40 | 20 | 1.000 |
| | 2N3783 | PG 217 | 72 | MOT | 30 | 30S | 20.0 | .020 | .150 | A | 100J | 800.000 | G | 5UA | 10 | 70 | .003 |
| | 2N3784 | PG 217 | 72 | MOT | 30 | 30S | 20.0 | .020 | .150 | A | 100J | 700.000 | G | 5UA | 10 | 70 | .003 |
| | 2N3785 | PG 217 | 72 | MOT | 15 | 15S | 12.0 | .020 | .150 | A | 100J | 700.000 | G | 5UA | 10 | 66 | .003 |
| | 2N3788 | NS 605 | 3 | SOL,MOT | 400 | 325 | 5.0 | 3.000 | 100.000 | C | | | | | | 6 | 2.500 |
| | 2N3789 | PS 605 | 3 | MOT,TII,SOL,TIL | 60 | 60 | 7.0 | 10.000 | 150.000 | C | 200J | 4.000 | G | 1MA | 60 | 50 | 1.000 |
| | 2N3790 | PS 605 | 3 | MOT,TII,SOL,TIL | 80 | 80 | 7.0 | 10.000 | 150.000 | C | 200J | 4.000 | G | 1MA | 60 | 50 | 1.000 |
| | 2N3791 | PS 605 | 3 | MOT,TII,SOL,TIL | 60 | 60 | 7.0 | 10.000 | 150.000 | C | 200J | 4.000 | G | 1MA | 80 | 80 | 1.000 |
| | 2N3792 | PS 605 | 3 | MOT,TII,SOL,TIL | 80 | 80 | 7.0 | 10.000 | 150.000 | C | 200J | 4.000 | G | 1MA | 80 | 80 | 1.000 |
| | 2N3793 | NS 51 A | | NSC | 40 | 20 | 5.0 | .500 | .250 | A | 125J | 100.000 | G | 500NA | 15 | 50 | .010 |
| | 2N3794 | NS 51 A | | NSC | 40 | 20 | 5.0 | .500 | .250 | A | 125J | 100.000 | G | 500NA | 15 | 250 | .010 |
| | 2N3798 | PS 211 | 18 | MOT,TII,TIL | 60 | 60 | 5.0 | .050 | .360 | A | 200J | 100.000 | G | 10NA | 50 | 260 | .001 |
| | 2N3798A | PS 211 | 18 | MOT | 90 | 90 | 5.0 | .050 | .360 | A | 200S | 30.000 | G | 10NA | 50 | 225 | .001 |
| | 2N3799 | PS 211 | 18 | MOT,TII,TIL | 60 | 60 | 5.0 | .050 | .360 | A | 200J | 100.000 | G | 10NA | 50 | 570 | .001 |
| | 2N3799A | PS 211 | 18 | MOT | 90 | 90 | 5.0 | .050 | .360 | A | 200J | 30.000 | G | 10NA | 50 | 450 | .001 |
| | 2N3818 | NS 540 | 60 | MOT | 60 | 60 | 4.0 | 1.000 | 25.000 | C | 175J | 150.000 | G | 1UA | 50 | 17 | .400 |
| | 2N3825 | NS 43 | 92 | TIL | 30 | 15 | 4.0 | .100 | .250 | A | | 200.000 | G | | | 30 | .002 |
| | 2N3826 | NS 43 | 92 | TIL | 60 | 45 | 4.0 | .030 | .200 | A | | 200.000 | G | | | 80 | .010 |
| | 2N3827 | NS 43 | 92 | TIL | 60 | 45 | 4.0 | .030 | .200 | A | | 200.000 | G | | | 200 | .010 |
| - | 2N3828 | NS 43 | 92 | TII | 40 | 40 | 3.0 | .100 | .300 | A | 125J | 360.000 | G | 100NA | 20 | 100 | .012 |
| | 2N3829 | PS 211 | 52 | TII,TIL | 35 | 20 | 5.0 | .500 | .360 | A | 175J | 350.000 | G | 300NA | 20 | 60 | .030 |
| | 2N3830 | NS 211 | 5 | RAY,TIL | 80 | 50 | 5.0 | 1.200 | 1.000 | A | 200J | 200.000 | G | 500NA | 40 | 30 | .500 |
| | 2N3831 | NS 211 | 5 | RAY,TIL | 70 | 40 | 5.0 | 1.200 | 1.000 | A | 200J | 200.000 | G | 500NA | 40 | 35 | .500 |
| - | 2N3832 | NS 217 | 72 | TII | 15 | 10 | 6.0 | .035 | .200 | A | 200J | 800.000 | G | 10NA | 8 | 60 | .002 |
| | 2N3833 | NS 907 A | | TII | 25 | 15 | 1.0 | .100 | 1.000 | A | | 1000.000 | G | 20NA | 12 | 30 | .012 |
| | 2N3834 | NS 907 A | | TII | 25 | 15 | 1.0 | .100 | 1.000 | A | | 1000.000 | G | 20NA | 12 | 30 | .012 |
| | 2N3835 | NS 907 A | | TII | 25 | 15 | 1.0 | .100 | 1.000 | A | | 1000.000 | G | 20NA | 12 | 30 | .012 |
| | 2N3839 | NS 217 | 72 | RCA,MOT | 30 | 15 | 2.5 | .040 | .200 | A | 200J | 1000.000 | G | 10NA | 15 | 68 | .003 |
| | 2N3840 | PS 211 | 46 | NSC,SPR,MOT,HUG,CRY | 50 | 50 | 50.0 | .100 | .400 | A | 200J | 6.000 | G | 1NA | 40 | 75 | .001 |
| | 2N3841 | PS 210 | 18 | NSC,HUG | 100 | 100 | 80.0 | .100 | .300 | A | 175J | 1.500 | G | 2NA | 50 | 43 | .001 |
| | 2N3842 | PS 210 | 18 | NSC,HUG | 120 | 120 | 120.0 | .100 | .300 | A | 175J | 1.000 | G | 20NA | 50 | 20 | .001 |
| | 2N3843 | NS 45 | 98 | GEC,SPR,HUG | 30 | 30 | 4.0 | .100 | .200 | A | 100J | 60.000 | G | 500NA | 18 | 30 | .002 |
| | 2N3843A | NS 45 | 98 | GEC,SPR,HUG | 30 | 30 | 4.0 | .100 | .200 | A | 100J | 60.000 | G | 500NA | 18 | 30 | .002 |
| | 2N3844 | NS 45 | 98 | GEC,SPR,HUG | 30 | 30 | 4.0 | .100 | .200 | A | 100J | 90.000 | G | 500NA | 18 | 52 | .002 |
| | 2N3844A | NS 45 | 98 | GEC,SPR,HUG | 30 | 30 | 4.0 | .100 | .200 | A | 100J | 90.000 | G | 500NA | 18 | 52 | .002 |
| | 2N3845 | NS 45 | 98 | GEC,SPR,HUG | 30 | 30 | 4.0 | .100 | .200 | A | 100J | 120.000 | G | 500NA | 18 | 90 | .002 |
| | 2N3845A | NS 45 | 98 | GEC,SPR,HUG | 30 | 30 | 4.0 | .100 | .200 | A | 100J | 120.000 | G | 500NA | 18 | 90 | .002 |
| | 2N3846 | NS 560 | 63 | TII,TIL | 300 | 200 | 10.0 | 20.000 | 150.000 | C | 175C | 10.000 | G | 2MA | 300 | 25 | 10.000 |
| | 2N3847 | NS 560 | 63 | TII,TIL | 400 | 300 | 10.0 | 20.000 | 150.000 | C | 175C | 10.000 | G | 2MA | 300 | 25 | 15.000 |
| | 2N3850 | NS 561 | 59 | SSP,TEC,SOL | 100 | 80 | | | 30.000 | C | | 40.000 | G | 100NA | 80 | 30 | 2.000 |
| | 2N3851 | NS 561 | 59 | SSP,TEC,SOL | 100 | 80 | | | 30.000 | C | | 30.000 | G | 100NA | 80 | 20 | 2.000 |
| | 2N3852 | NS 561 | 59 | SSP,SOL,TEC | 60 | 40 | | | 30.000 | C | | 40.000 | G | 100NA | 40 | 30 | 2.000 |
| | 2N3853 | NS 561 | 59 | SSP,TEC,SOL | 60 | 40 | | | 30.000 | C | | 30.000 | G | 100NA | 40 | 20 | 2.000 |
| | 2N3854 | NS 45 | 98 | GEC,SPR,SES,HUG | 18 | 18 | 4.0 | .100 | .200 | A | 100J | 100.000 | G | 500NA | 18 | 50 | .002 |
| | 2N3854A | NS 45 | 98 | GEC,SPR,SES,HUG | 30 | 30 | 4.0 | .100 | .200 | A | 100J | 100.000 | G | 500NA | 18 | 50 | .002 |
| | 2N3855 | NS 45 | 98 | GEC,SPR,SES,HUG | 18 | 18 | 4.0 | .100 | .200 | A | 100J | 130.000 | G | 500NA | 18 | 80 | .002 |
| | 2N3855A | NS 45 | 98 | GEC,SPR,SES,HUG | 30 | 30 | 4.0 | .100 | .200 | A | 100J | 130.000 | G | 500NA | 18 | 80 | .002 |
| | 2N3856 | NS 45 | 98 | GEC,SPR,SES,HUG | 18 | 18 | 4.0 | .100 | .200 | A | 100J | 140.000 | G | 500NA | 18 | 140 | .002 |
| | 2N3856A | NS 45 | 98 | GEC,SPR,SES,HUG | 30 | 30 | 4.0 | .100 | .200 | A | 100J | 140.000 | G | 500NA | 18 | 140 | .002 |
| | 2N3857 | PS 210 | 5 | NSC | 45 | 45 | 30.0 | .500 | .600 | A | 200J | 4.000 | G | 5NA | 40 | 100 | .001 |
| | 2N3858 | NS 45 | 98 | GEC,SPR,HUG | 30 | 30 | 4.0 | .100 | .120 | A | 100J | 90.000 | G | 500NA | 18 | 80 | .002 |
| | 2N3858A | NS 45 | 98 | GEC,SPR | 60 | 60 | 6.0 | .100 | .120 | A | 100J | 90.000 | G | 100NA | 60 | 80 | .002 |
| | 2N3859 | NS 45 | 98 | GEC,SPR,HUG | 30 | 30 | 4.0 | .100 | .120 | A | 100J | 90.000 | G | 500NA | 18 | 140 | .002 |
| | 2N3859A | NS 45 | 98 | GEC,SPR,HUG | 60 | 60 | 6.0 | .100 | .120 | A | 100J | 90.000 | G | 100NA | 60 | 140 | .002 |
| | 2N3860 | NS 45 | 98 | GEC,SPR,HUG | 30 | 30 | 4.0 | .100 | .120 | A | 100J | 90.000 | G | 500NA | 18 | 200 | .002 |
| | 2N3861 | NS 635 B | | STC | 530 | 530X | 5.0 | .250 | 15.000 | C | 175J | 50.000 | G | 100UA | 530 | 80 | .025 |
| | 2N3862 | NS 211 | 18 | TEC,HUG | 50 | 20 | 4.5 | .200 | .360 | A | 300J | 600.000 | G | 50NA | 20 | 88 | .010 |
| - | 2N3863 | NS 605 | 3 | STC,SOL | 70 | 50 | 7.0 | 7.500 | 117.000 | C | 200C | .500 | G | 1MA | 50 | 52 | 3.000 |
| | 2N3864 | NS 605 | 3 | SOL | 110 | 90 | 7.0 | 7.500 | 117.000 | C | 200C | .500 | G | 1MA | 90 | 52 | 3.000 |
| - | 2N3865 | NS 605 | 3 | BEN | 160 | 150 | 7.0 | 7.500 | 117.000 | C | 200C | .500 | G | 1MA | 150 | 52 | 3.000 |
| | 2N3866 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N3867 | PS 211 | 5 | TEC,MOT | 45 | 40 | 4.0 | 3.000 | 1.000 | A | 200A | 60.000 | G | 1UA | 40 | 90 | 1.500 |
| | 2N3868 | PS 211 | 5 | TEC,MOT | 65 | 60 | 4.0 | 3.000 | 1.000 | A | 200A | 60.000 | G | 1UA | 60 | 68 | 1.500 |
| | 2N3877 | NS 45 | 98 | GEC,SPR,HUG | 70 | 70 | 4.0 | .050 | .200 | A | 100J | 160.000 | G | 500NA | 70 | 40 | .002 |
| | 2N3877A | NS 45 | 98 | GEC,SPR,HUG | 85 | 85 | 4.0 | .050 | .200 | A | 100J | 160.000 | G | 500NA | 70 | 40 | .002 |
| | 2N3878 | NS 605 | 66 | RCA,TEC,SOL | 120 | 50 | 7.0 | 7.000 | 35.000 | C | 200J | 40.000 | G | 5MA | 40 | 100 | .500 |
| | 2N3879 | NS 605 | 66 | RCA,WHE,SOL | 120 | 75 | 7.0 | 7.000 | 35.000 | C | 200J | 40.000 | G | 5MA | 40 | 40 | 4.000 |
| | 2N3883 | PG 211 | 5 | MOT | 25 | 15 | 3.0 | .300 | .300 | A | 100J | 100.000 | G | 100UA | 15 | 60 | .200 |
| | 2N3900 | NS 45 | 98 | GEC,SPR,HUG | 18 | 18 | 5.0 | .100 | .120 | A | 100J | 160.000 | G | 100NA | 18 | 300 | .002 |
| | 2N3900A | NS 45 | 98 | GEC,SPR,HUG | 18 | 18 | 5.0 | .100 | .120 | A | 100J | 160.000 | G | 100NA | 18 | 300 | .002 |
| | 2N3901 | NS 45 | 98 | GEC | 18 | 18 | 5.0 | .100 | .120 | A | 100J | 200.000 | G | 10NA | 15 | 450 | .002 |
| | 2N3902 | NS 605 | 3 | DEL,SOL,MOT | 400 | 400 | 5.0 | 3.500 | 100.000 | H | 150J | 4.000 | G | 250UA | 400 | 53 | 1.000 |
| | 2N3903 | NS 41 | 92 | MOT,SPR | 60 | 40 | 6.0 | .200 | .310 | A | 135J | 250.000 | G | 50NA | 40 | 100 | .010 |
| | 2N3904 | NS 41 | 92 | MOT,SPR | 60 | 40 | 6.0 | .200 | .310 | A | 135J | 300.000 | G | 50NA | 40 | 160 | .010 |
| | 2N3905 | PS 41 | 92 | MOT,SPR | 40 | 40 | 5.0 | .200 | .310 | A | 135J | 200.000 | G | 50NA | 40 | 100 | .010 |
| | 2N3906 | PS 41 | 92 | MOT,SPR | 40 | 40 | 5.0 | .200 | .310 | A | 135J | 250.000 | G | 50NA | 40 | 160 | .010 |
| | 2N3910 | PS 211 | 46 | RAY,MOT,HUG,CRY | 60 | 50 | 50.0 | | .500 | A | 200J | 4.000 | G | 1NA | 50 | 80 | .001 |
| | 2N3911 | PS 211 | 46 | RAY,MOT,HUG,CRY | 60 | 40 | 40.0 | | .500 | A | 200J | 8.000 | G | 1NA | 40 | 120 | .001 |
| | 2N3912 | PS 211 | 46 | RAY,HUG,HUG,CRY | 60 | 30 | 30.0 | | .500 | A | 200J | 10.000 | G | 1NA | 30 | 180 | .001 |
| | 2N3913 | PS 210 | 18 | RAY,HUG,CRY | 60 | 50 | 50.0 | | .400 | A | 200J | 4.000 | G | 1NA | 50 | 80 | .001 |
| | 2N3914 | PS 210 | 18 | RAY,HUG,CRY | 60 | 40 | 40.0 | | .400 | A | 200J | 8.000 | G | 1NA | 40 | 120 | .001 |
| | 2N3915 | PS 210 | 18 | RAY,HUG,CRY | 60 | 30 | 30.0 | | .400 | A | 200J | 10.000 | G | 1NA | 30 | 180 | .001 |
| | 2N3916 | NS 635 B | | HUG | 150 | 150 | 5.0 | .150 | 5.000 | C | 150J | 50.000 | G | 1MA | 250 | 90 | .150 |
| | 2N3917 | NS 605 | 3 | HUG | 80 | 40 | 6.0 | | 20.000 | C | 150J | 50.000 | G | 100UA | 30 | 60 | 1.000 |
| | 2N3918 | NS 605 | 3 | HUG | 80 | 40 | 6.0 | 2.000 | 20.000 | C | 150J | 50.000 | G | 1MA | 80 | 175 | 1.000 |
| | 2N3919 | NS 605 | 3 | HUG | 120 | 60 | 6.0 | | 15.000 | C | 150J | 80.000 | G | 10UA | 60 | 85 | 2.000 |
| | 2N3920 | NS 605 | 3 | HUG | 120 | 60 | 6.0 | | 15.000 | C | 150J | 80.000 | G | 10UA | 60 | 210 | 2.000 |
| | 2N3923 | NS 211 | 5 | FSC | 150 | 150 | 6.0 | .100 | .800 | A | 200J | 40.000 | G | 10NA | 100 | 100 | .025 |
| | 2N3924 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N3925 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N3926 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N3927 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N3928 | NS 211 | 5 | SOL | 80 | 40 | 4.0 | 3.000 | 5.000 | H | 175C | 200.000 | G | 1MA | 80 | 95 | 1.500 |
| | 2N3929 | NS 561 | 59 | SOL | 80 | 40 | 4.0 | 3.000 | 2.000 | H | 175C | 200.000 | G | 1MA | 80 | 95 | 1.500 |
| | 2N3930 | PS 211 | 39 | FSC | 180 | 180 | 6.0 | .100 | .400 | A | 200A | 40.000 | G | 10NA | 100 | 155 | .010 |
| | 2N3931 | PS 211 | 39 | FSC | 180 | 180 | 6.0 | .100 | .700 | A | 200A | 40.000 | G | 10NA | 100 | 155 | .010 |
| | 2N3932 | NS 217 | 104 | RCA | 30 | 20 | 2.5 | | .200 | A | 200J | 750.000 | G | 10NA | 15 | 78 | .002 |
| | 2N3933 | NS 217 | 104 | RCA | 40 | 30 | 2.5 | | .200 | A | 200J | 750.000 | G | 10NA | 15 | 110 | .002 |
| | 2N3945 | NS 211 | 5 | NSC,HUG,ITT | 70 | 50 | 8.0 | 1.000 | 5.000 | C | 200J | 60.000 | G | 40NA | 60 | 82 | .150 |
| | 2N3946 | NS 211 | 18 | MOT | 60 | 40 | 6.0 | .200 | .360 | A | 200J | 250.000 | G | 10NA | 40 | 80 | .010 |
| | 2N3947 | NS 211 | 18 | MOT | 60 | 40 | 6.0 | .200 | .360 | A | 200J | 300.000 | G | 10NA | 40 | 160 | .010 |
| | 2N3948 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N3950 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N3959 | NS 210 | 18 | MOT | 20 | 12 | 4.5 | | .400 | A | 200J | 1000.000 | G | 5NA | 10 | 90 | .010 |
| | 2N3960 | NS 210 | 18 | MOT | 20 | 12 | 4.5 | | .400 | A | 200J | 1200.000 | G | 5NA | 10 | 90 | .010 |
| | 2N3961 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N3962 | PS 211 | 18 | FSC,TII,ITT,NSC,IMG,HUG | 60 | 60 | 6.0 | .200 | .360 | A | 200J | 40.000 | G | 10NA | 50 | 260 | .001 |
| | 2N3963 | PS 211 | 18 | FSC,TII,ITT,NSC,IMG,HUG | 80 | 80 | 6.0 | .200 | .360 | A | 200J | 40.000 | G | 10NA | 70 | 260 | .001 |
| | 2N3964 | PS 211 | 18 | FSC,TII,ITT,NSC,IMG,HUG | 45 | 45 | 6.0 | .200 | .360 | A | 200J | 50.000 | G | 10NA | 40 | 330 | .001 |
| | 2N3965 | PS 211 | 18 | FSC,TII,ITT,NSC,HUG,TIL | 60 | 60 | 6.0 | .200 | .360 | A | 200J | 50.000 | G | 10NA | 50 | 330 | .001 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) Cond. | | | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ $I_C$(A) | |
| | 2N3973 | NS 45 | 98 | GEC, HUG | 60 | 30 | 5.0 | .400 | .360 | A | 150J | 200.000 | G | 500NA | 40 | 60 | .150 |
| | 2N3974 | NS 45 | 98 | GEC, HUG | 60 | 30 | 5.0 | .400 | .360 | A | 150J | 200.000 | G | 500NA | 40 | 100 | .150 |
| | 2N3975 | NS 45 | 98 | GEC, SPR, HUG | 60 | 30 | 5.0 | .400 | .360 | A | 150J | 200.000 | G | 500NA | 40 | 60 | .150 |
| | 2N3976 | NS 45 | 98 | GEC, SPR, HUG | 60 | 30 | 5.0 | .400 | .360 | A | 150J | 200.000 | G | 500NA | 40 | 100 | .150 |
| | 2N3977 | PS 210 | 46 | SPR, NSC, MOT | 15 | 10 | 15.0 | .100 | .400 | A | 200J | 1.000 | G | 1NA | 15 | 80 | .005 |
| | 2N3978 | PS 210 | 46 | SPR, NSC, MOT, HUG | 25 | 20 | 25.0 | .100 | .400 | A | 200J | 1.000 | G | 1NA | 25 | 60 | .005 |
| | 2N3979 | PS 210 | 46 | SPR, NSC, HUG | 40 | 35 | 40.0 | .100 | .400 | A | 200J | 1.000 | G | 1NA | 40 | 40 | .005 |
| | 2N3983 | NS 43 | 92 | TIL | 30 | 12 | 3.0 | .030 | .200 | A | 150S | 300.000 | G | 100NA | 10 | 45 | .004 |
| | 2N3984 | NS 43 | 92 | TIL | 30 | 12 | 3.0 | .030 | .200 | A | 150S | 300.000 | G | 100NA | 10 | 30 | .004 |
| | 2N3985 | NS 43 | 92 | TIL | 30 | 12 | 3.0 | .030 | .200 | A | 150S | 300.000 | G | 100NA | 10 | 30 | .004 |
| | 2N3995 | PG 211 | 39 | TII | 20 | 12 | .5 | .100 | .300 | A | 100J | 600.000 | G | 3UA | 6 | 240 | .025 |
| | 2N3996 | NS 568 | 111 | TII, TEC, SOL, TIL | 100 | 80 | 8.0 | 5.000 | 30.000 | C | 200J | 40.000 | G | 5UA | 90 | 70 | 1.000 |
| | 2N3997 | NS 568 | 111 | TII, TEC, TIL, SOL | 100 | 80 | 8.0 | 5.000 | 30.000 | C | 200J | 40.000 | G | 5UA | 90 | 140 | 1.000 |
| | 2N3998 | NS 581 | 111 | TII, TEC, SOL, TIL | 100 | 80 | 8.0 | 5.000 | 30.000 | C | 200J | 40.000 | G | 5UA | 90 | 70 | 1.000 |
| | 2N3999 | NS 581 | 111 | TII, TEC, TIL, SOL | 100 | 80 | 8.0 | 5.000 | 30.000 | C | 200J | 40.000 | G | 5UA | 90 | 140 | 1.000 |
| | 2N4000 | NS 211 | 5 | TII, SOL, TEC, HUG, TIL | 100 | 80 | 8.0 | 1.000 | 1.000 | A | 200J | 40.000 | G | 10UA | 60 | 60 | .500 |
| | 2N4001 | NS 211 | 5 | TII, TEC, HUG, SOL, TIL | 120 | 100 | 8.0 | 1.000 | 1.000 | A | 200J | 40.000 | G | 10UA | 80 | 70 | .500 |
| | 2N4002 | NS 561 | 63 | TII, TEC, WHE, SOL, TIL | 100 | 80 | 8.0 | 30.000 | 100.000 | C | 200J | 30.000 | G | 1MA | 90 | 40 | 15.000 |
| | 2N4003 | NS 561 | 63 | TII, TEC, WHE, SOL, TIL | 120 | 100 | 8.0 | 30.000 | 100.000 | C | 200J | 30.000 | G | 1MA | 110 | 40 | 15.000 |
| | 2N4004 | NS 913 A | | TII | 100 | 80 | 8.0 | 20.000 | 40.000 | H | 200J | 30.000 | G | 2MA | 40 | 68 | 10.000 |
| | 2N4005 | NS 913 A | | TII | 120 | 100 | 8.0 | 20.000 | 40.000 | H | 200J | 30.000 | G | 2MA | 50 | 68 | 10.000 |
| | 2N4006 | PS 211 | 46 | TEC, CRY | 10 | 6 | 10.0 | .100 | .400 | A | 200J | 20.000 | G | 1NA | 10 | 60 | .001 |
| | 2N4007 | PS 211 | 46 | TEC, CRY | 20 | 15 | 20.0 | .100 | .400 | A | 200J | 15.000 | G | 1NA | 20 | 45 | .001 |
| | 2N4008 | PS 211 | 46 | TEC, CRY | 35 | 35 | 30.0 | .100 | .400 | A | 200J | 15.000 | G | 3NA | 45 | 30 | .001 |
| | 2N4012 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N4013 | NS 211 | 18 | TEC, HUG, ITT, SPR | 50 | 30 | 6.0 | 1.000 | .360 | A | 200J | 300.000 | G | 2UA | 40 | 90 | .100 |
| | 2N4014 | NS 211 | 18 | TEC, HUG, ITT, SPR | 80 | 50 | 6.0 | 1.000 | .360 | A | 200J | 300.000 | G | 2UA | 60 | 90 | .100 |
| | 2N4026 | PS 211 | 18 | FSC | 60 | 60 | 5.0 | 1.000 | .500 | A | 200J | 100.000 | G | 50NA | 50 | 70 | .100 |
| | 2N4027 | PS 211 | 18 | FSC | 80 | 80 | 5.0 | 1.000 | .500 | A | 200J | 100.000 | G | 50NA | 60 | 70 | .100 |
| | 2N4028 | PS 211 | 18 | FSC | 60 | 60 | 5.0 | 1.000 | .500 | | 200J | 150.000 | G | 50NA | 50 | 175 | .100 |
| | 2N4029 | PS 211 | 18 | FSC | 80 | 80 | 5.0 | 1.000 | .500 | A | 200J | 150.000 | G | 50NA | 60 | 175 | .100 |
| | 2N4030 | PS 211 | 5 | RAY, FSC, IMG | 60 | 60 | 5.0 | 1.000 | .800 | A | 200J | 100.000 | G | 50NA | 50 | 70 | .100 |
| | 2N4031 | PS 211 | 5 | FSC, IMG | 80 | 80 | 5.0 | 1.000 | .800 | A | 200J | 100.000 | G | 50NA | 60 | 175 | .100 |
| | 2N4032 | PS 211 | 5 | RAY, FSC, IMG | 60 | 60 | 5.0 | 1.000 | .800 | A | 200J | 150.000 | G | 50NA | 50 | 70 | .100 |
| | 2N4033 | PS 211 | 5 | FSC, IMG | 80 | 80 | 5.0 | 1.000 | .800 | A | 200J | 150.000 | G | 50NA | 60 | 175 | .100 |
| | 2N4034 | PS 211 | 18 | FSC, ITT, HUG | 40 | 40 | 5.0 | .100 | .360 | A | 200J | 400.000 | G | 15NA | 30 | 150 | .010 |
| | 2N4035 | PS 211 | 18 | FSC | 40 | 40 | 5.0 | .100 | .360 | A | 200J | 450.000 | G | 15NA | 30 | 200 | .010 |
| | 2N4036 | PS 210 | 5 | RCA | 90 | 65 | 7.0 | 1.000 | 1.000 | A | 200J | 60.000 | G | 2NA | 60 | 76 | .150 |
| | 2N4037 | PS 210 | 5 | RCA | 60 | 40 | 7.0 | 1.000 | 1.000 | A | 200J | 60.000 | G | 2NA | 60 | 112 | .150 |
| | 2N4040 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N4041 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N4046 | NS 211 | 5 | FSC, ITT, RAY, TEC | 50 | 30 | 6.0 | .500 | .800 | A | 200J | 250.000 | G | 2UA | 40 | 90 | .100 |
| | 2N4047 | NS 211 | 5 | FSC, ITT, RAY, TEC | 80 | 50 | 6.0 | .500 | .800 | A | 200J | 250.000 | G | 2UA | 60 | 90 | .100 |
| | 2N4048 | PG 403 | 68 | MOT, SOL | 45 | 30 | 25.0 | 60.000 | 170.000 | C | 110J | .002 | E | 4MA | 45 | 90 | 15.000 |
| | 2N4049 | PG 403 | 68 | MOT, SOL | 60 | 45 | 30.0 | 60.000 | 170.000 | C | 110J | .002 | E | 4MA | 60 | 90 | 15.000 |
| | 2N4050 | PG 403 | 68 | MOT, SOL | 75 | 60 | 40.0 | 60.000 | 170.000 | C | 110J | .002 | E | 4MA | 75 | 90 | 15.000 |
| | 2N4051 | PG 40 | 68 | MOT, SOL | 45 | 30 | 25.0 | 60.000 | 170.000 | C | 110J | .002 | E | 4MA | 45 | 124 | 15.000 |
| | 2N4052 | PG 403 | 68 | MOT, SOL | 60 | 45 | 30.0 | 60.000 | 170.000 | C | 110J | .002 | E | 4MA | 60 | 124 | 15.000 |
| | 2N4053 | PG 403 | 68 | MOT, SOL | 75 | 60 | 40.0 | 60.000 | 170.000 | C | 110J | .002 | E | 4MA | 75 | 124 | 15.000 |
| - | 2N4054 | NS 52 A | | GEC | 300 | 300 | 7.0 | .100 | 4.000 | C | 150J | 25.000 | G | 100UA | 300 | 52 | .050 |
| - | 2N4055 | NS 52 A | | GEC | 250 | 250 | 7.0 | .100 | 4.000 | C | 150J | 25.000 | G | 100UA | 250 | 52 | .050 |
| - | 2N4056 | NS 52 A | | GEC | 200 | 200 | 7.0 | .100 | 4.000 | C | 150J | 25.000 | G | 100UA | 200 | 52 | .050 |
| - | 2N4057 | NS 52 A | | GEC | 150 | 150 | 7.0 | .100 | 4.000 | C | 150J | 25.000 | G | 100UA | 150 | 52 | .050 |
| | 2N4058 | PS 43 | 92 | TII, TIL | 30 | 30 | 6.0 | .030 | .250 | A | 125A | .100 | G | 100NA | 20 | 200 | |
| | 2N4059 | PS 43 | 92 | TII, TIL | 30 | 30 | 6.0 | .030 | .250 | A | 125A | .045 | G | 100NA | 20 | 210 | .001 |
| | 2N4060 | PS 43 | 92 | TII, TIL | 30 | 30 | 6.0 | .030 | .250 | A | 125A | .045 | G | 100NA | 20 | 90 | .001 |
| | 2N4061 | PS 43 | 92 | TII, TIL | 30 | 30 | 6.0 | .030 | .250 | A | 125A | .090 | G | 100NA | 20 | 170 | .001 |
| | 2N4062 | PS 43 | 92 | TII, TIL | 30 | 30 | 6.0 | .030 | .250 | A | 125A | .180 | G | 100NA | 20 | 350 | .001 |
| | 2N4063 | NS 635 B | | RCA | 450 | 350 | 7.0 | 1.000 | 10.000 | C | 200J | 8.000 | G | 20UA | 300 | 80 | .020 |
| | 2N4064 | NS 635 B | | RCA | 300 | 250 | 7.0 | 1.000 | 10.000 | C | 200J | 8.000 | G | 50UA | 200 | 80 | .020 |
| | 2N4068 | NS 211 L | | RCA | 150 | | 5.0 | .200 | .500 | A | 175J | 50.000 | G | 50NA | 120 | 70 | .030 |
| | 2N4069 | NS 211 M | | RCA | 150 | | 5.0 | .200 | 1.000 | A | 175J | 50.000 | G | 50NA | 120 | 70 | .030 |
| | 2N4070 | NS 605 | 3 | SOL, HUG | 120 | 100 | 8.0 | 10.000 | 65.000 | H | 200J | 60.000 | G | 100NA | 60 | 70 | 5.000 |
| | 2N4071 | NS 605 | 3 | SOL, HUG | 200 | 150 | 8.0 | 10.000 | 65.000 | H | 200J | 60.000 | G | 100NA | 100 | 70 | 5.000 |
| | 2N4072 | NS 211 | 18 | MOT | 40 | 20 | 4.0 | .100 | .350 | A | 200J | 275.000 | G | 100NA | 15 | 10 | .025 |
| | 2N4073 | NS 211 | 39 | MOT | 40 | 20 | 4.0 | .150 | 1.500 | C | 200J | 275.000 | G | 100NA | 15 | 10 | .025 |
| | 2N4074 | NS 211 L | | RCA | | 40 | 8.0 | .300 | .400 | A | 175J | 50.000 | G | 10NA | 25 | 150 | .010 |
| | 2N4075 | NS 560 | 59 | FSC | 100 | 80 | 5.0 | 3.000 | 30.000 | C | 200J | 30.000 | G | 100NA | 60 | 55 | 1.000 |
| | 2N4076 | NS 560 | 59 | FSC | 100 | 80 | 5.0 | 3.000 | 30.000 | C | 200J | 30.000 | G | 100NA | 60 | 80 | 1.000 |
| | 2N4077 | NG 605 F | | AMP | 32 | 20 | 10.0 | 1.000 | 7.500 | H | 90J | 1.000 | G | 3MA | 32 | 150 | .500 |
| | 2N4078 | PG 605 F | | AMP | 32 | 20 | 10.0 | 1.000 | 7.500 | H | 90J | 1.000 | G | 2MA | 32 | 150 | .500 |
| | 2N4080 | PS 217 | 72 | RAY, HUG | 20 | 15 | 3.0 | | .200 | C | 200J | 1000.000 | G | 10NA | 15 | 40 | .003 |
| - | 2N4081 | NS 218 | 104 | RCA | 40 | 40 | 3.0 | | .200 | A | 200J | 600.000 | G | 20NA | 10 | 86 | .002 |
| | 2N4104 | NS 211 | 5 | TII, GIC | 60 | 60 | 1.0 | .050 | .300 | A | 175J | 90.000 | G | 10NA | 45 | 600 | .001 |
| | 2N4106 | PG 120 | 1 | AMP | 25 | | | 1.000 | 1.600 | C | | 1.500 | G | | | 300 | .500 |
| | 2N4111 | NS 605 | 3 | SOL | 100 | 60 | 8.0 | | 30.000 | C | 150J | 70.000 | G | 50UA | 30 | 64 | 2.000 |
| | 2N4112 | NS 605 | 3 | SOL | 100 | 60 | 8.0 | | 30.000 | C | 150J | 80.000 | G | 50UA | 40 | 140 | 2.000 |
| | 2N4113 | NS 605 | 3 | SOL | 120 | 80 | 8.0 | | 30.000 | C | 150J | 70.000 | G | 50UA | 30 | 64 | 2.000 |
| - | 2N4114 | NS 605 | 3 | BEN | 120 | 80 | 8.0 | | 30.000 | C | 150J | 80.000 | G | 50UA | 40 | 140 | 2.000 |
| | 2N4115 | NS 560 | 59 | FSC | 120 | 80 | 8.0 | | 37.000 | C | 200J | 70.000 | G | 10UA | 60 | 64 | 2.000 |
| | 2N4116 | NS 560 | 59 | FSC | 120 | 80 | 8.0 | | 37.000 | C | 200J | 80.000 | G | 10UA | 60 | 140 | 2.000 |
| | 2N4121 | PS 170 F | | FSC, TEC, HUG | 40 | 40 | 5.0 | .100 | .200 | C | 125J | 400.000 | G | 25NA | 30 | 150 | .010 |
| | 2N4122 | PS 170 F | | TEC, HUG | 40 | 40 | 5.0 | .100 | .200 | C | 125J | 450.000 | G | 25NA | 30 | 200 | .010 |
| | 2N4123 | NS 41 | 92 | MOT, SPR | 40 | 30 | 5.0 | .200 | .310 | A | 135J | 250.000 | G | 50NA | 20 | 80 | .002 |
| | 2N4124 | NS 41 | 92 | MOT, SPR | 30 | 25 | 5.0 | .200 | .310 | A | 135J | 300.000 | G | 50NA | 20 | 200 | .002 |
| | 2N4125 | PS 41 | 92 | MOT, SPR | 30 | 30 | 4.0 | .200 | .310 | A | 135J | 200.000 | G | 50NA | 20 | 80 | .002 |
| | 2N4126 | PS 41 | 92 | MOT, SPR | 25 | 25 | 4.0 | .200 | .310 | A | 135J | 250.000 | G | 50NA | 20 | 200 | .002 |
| | 2N4127 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N4128 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N4130 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N4131 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N4132 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N4133 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N4134 | NS 217 | 72 | FSC | 30 | 30 | 3.0 | | .200 | A | 200J | 350.000 | G | 50NA | 10 | 80 | .004 |
| | 2N4135 | NS 217 | 72 | FSC | 30 | 30 | 3.0 | | .200 | A | 200J | 425.000 | G | 50NA | 10 | 80 | .004 |
| | 2N4137 | NS 210 | 18 | FSC, RAY | 40 | 20 | 4.5 | .200 | .360 | A | 200J | 500.000 | G | 400NA | 20 | 66 | .010 |
| | 2N4138 | NS 211 | 46 | TII, CRY, TIL | 30 | 30 | 15.0 | | .300 | A | 175C | 20.000 | G | 10NA | 25 | 100 | .001 |
| | 2N4140 | NS 173 | 106 | GIC, NSC, HUG | 60 | 30 | 5.0 | .200 | .300 | A | 125J | 250.000 | G | 50NA | 40 | 70 | .150 |
| | 2N4141 | NS 173 | 106 | GIC, NSC, HUG | 60 | 30 | 5.0 | .200 | .300 | A | 125J | 250.000 | G | 50NA | 40 | 175 | .150 |
| | 2N4142 | PS 173 | 106 | GIC, NSC, HUG | 60 | 40 | 5.0 | .200 | .300 | A | 125J | 200.000 | G | 50NA | 30 | 70 | .150 |
| | 2N4143 | PS 173 | 106 | GIC, NSC, HUG | 60 | 40 | 5.0 | .200 | .300 | A | 125J | 200.000 | G | 50NA | 30 | 175 | .150 |
| | 2N4150 | NS 211 | 5 | HUG | 100 | 80 | 5.0 | 10.000 | 5.000 | H | 200J | 15.000 | G | 100NA | 60 | 70 | 5.000 |
| | 2N4207 | PS 211 | 18 | FSC | 6 | 6 | 4.5 | .050 | .350 | A | 200J | 650.000 | G | 10NA | 3 | 80 | .010 |
| | 2N4208 | PS 211 | 18 | FSC | 12 | 12 | 4.5 | .050 | .350 | A | 200J | 700.000 | G | 10NA | 6 | 60 | .010 |
| | 2N4209 | PS 211 | 18 | FSC | 15 | 15 | 4.5 | .050 | .350 | A | 200J | 850.000 | G | 10NA | 8 | 80 | .010 |
| | 2N4210 | NS 561 | 63 | TEC, HUG, SOL | 80 | 60 | 10.0 | 20.000 | 100.000 | H | 200J | 10.000 | G | 500UA | 80 | 45 | 10.000 |
| | 2N4211 | NS 561 | 63 | TEC, HUG, SOL | 100 | 80 | 10.0 | 20.000 | 100.000 | H | 200J | 10.000 | G | 500UA | 100 | 45 | 10.000 |
| | 2N4225 | NS 211 | 5 | SOL | 80 | 40 | 6.0 | 3.000 | 5.000 | C | 175J | 150.000 | G | 100NA | 30 | 50 | 2.000 |
| | 2N4226 | NS 211 | 5 | SOL | 100 | 60 | 6.0 | 3.000 | 5.000 | C | 175J | 150.000 | G | 100NA | 30 | 40 | 2.000 |
| | 2N4227 | NS 173 | 106 | GIC, NSC, HUG | 60 | 30 | 5.0 | .200 | .300 | A | 125J | 250.000 | G | 50NA | 40 | 113 | .150 |
| | 2N4228 | PS 173 | 106 | NSC, NSC, HUG | 60 | 40 | 5.0 | .200 | .300 | A | 125J | 200.000 | G | 50NA | 30 | 113 | .150 |
| | 2N4231 | NS 605 | 66 | MOT, SOL | 50 | 40 | 5.0 | 5.000 | 35.000 | C | 200J | 4.000 | G | 50UA | 50 | 50 | 1.500 |
| | 2N4231A | NS 605 | 66 | MOT | 40 | 40 | 5.0 | 3.000 | 75.000 | C | 200J | 4.000 | G | 100UA | 40 | 50 | 1.500 |
| | 2N4232 | NS 605 | 66 | MOT, SOL | 70 | 60 | 5.0 | 5.000 | 35.000 | C | 200J | 4.000 | G | 50UA | 70 | 50 | 1.500 |
| | 2N4232A | NS 605 | 66 | MOT | 60 | 60 | 5.0 | 3.000 | 75.000 | C | 200J | 4.000 | G | 100UA | 60 | 50 | 1.500 |
| | 2N4233 | NS 605 | 66 | MOT, SOL | 90 | 80 | 5.0 | 5.000 | 35.000 | C | 200J | 4.000 | G | 50UA | 90 | 50 | 1.500 |
| | 2N4233A | NS 605 | 66 | MOT | 80 | 80 | 5.0 | 3.000 | 75.000 | C | 200J | 4.000 | G | 100UA | 80 | 50 | 1.500 |
| | 2N4234 | PS 211 | 5 | MOT, TEC, SOL | 40 | 40 | 7.0 | 3.000 | 1.000 | A | 200J | 3.000 | G | 100UA | 40 | 66 | .250 |
| | 2N4235 | PS 211 | 5 | MOT, TEC, SOL | 60 | 60 | 7.0 | 3.000 | 1.000 | A | 200J | 3.000 | G | 100UA | 60 | 66 | .250 |
| | 2N4236 | PS 211 | 5 | MOT, TEC, FSC, SOL | 80 | 80 | 7.0 | 3.000 | 1.000 | A | 200J | 3.000 | G | 100UA | 80 | 66 | .250 |
| | 2N4237 | NS 211 | 5 | FSC, TEC, SOL, MOT, HUG | 50 | 40 | 6.0 | 1.000 | .800 | A | 200J | 1.000 | G | 100UA | 50 | 68 | .250 |
| | 2N4238 | NS 211 | 5 | FSC, TEC, SOL, MOT, HUG | 80 | 60 | 6.0 | 1.000 | .800 | A | 200J | 1.000 | G | 100UA | 80 | 68 | .250 |
| | 2N4239 | NS 211 | 5 | FSC, TEC, SOL, MOT, HUG | 100 | 80 | 6.0 | 1.000 | .800 | A | 200J | 1.000 | G | 100UA | 100 | 68 | .250 |
| | 2N4240 | NS 605 | 66 | RCA | 500 | 300 | 6.0 | 2.000 | 35.000 | C | 200J | 15.000 | G | 5MA | 150 | 70 | .750 |
| | 2N4241 | PG 605 | 3 | AMP | 32 | 20 | 20.0 | 5.000 | 37.500 | C | 100C | .005 | E | 45UA | 1 | 132 | .300 |
| | 2N4242 | PG 605 | 3 | SOL, HUG | 80 | 70S | 40.0 | 10.000 | 106.000 | C | 110J | .300 | G | 2MA | 80 | 60 | 5.000 |
| | 2N4243 | PG 605 | 3 | SOL, HUG | 60 | 55S | 30.0 | 10.000 | 106.000 | C | 110J | .300 | G | 2MA | 60 | 60 | 5.000 |
| | 2N4244 | PG 605 | 3 | SOL, HUG | 40 | 40S | 20.0 | 10.000 | 106.000 | C | 110J | .300 | G | 2MA | 40 | 60 | 5.000 |
| | 2N4245 | PG 605 | 3 | SOL, HUG | 80 | 70S | 40.0 | 10.000 | 106.000 | C | 110J | .300 | G | 2MA | 80 | 90 | 5.000 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ $I_C$(A) | |
| | 2N4246 | PG 605 | 3 | SOL,HUG | 60 | 55S | 30.0 | 10.000 | 106.000 | C | 110J | | .300 | G | 2MA | 60 | 90 | 5.000 |
| | 2N4247 | PG 605 | 3 | SOL,HUG | 40 | 40S | 20.0 | 10.000 | 106.000 | C | 110J | | .300 | G | 2MA | 40 | 90 | 5.000 |
| | 2N4248 | PS 170 F | | FSC,NSC,GIC | 40 | 40 | 5.0 | | .200 | A | 125J | | 40.000 | G | 10NA | 40 | 120 | .010 |
| | 2N4249 | PS 170 F | | FSC,NSC,GIC | 60 | 60 | 5.0 | | .200 | A | 125J | | 40.000 | G | 10NA | 40 | 280 | .010 |
| | 2N4250 | PS 170 F | | FSC,NSC,GIC,HUG | 40 | 40 | 5.0 | | .200 | A | 125J | | 50.000 | G | 10NA | 40 | 350 | .010 |
| | 2N4251 | NS 211 | 46 | FSC | 15 | 10 | 4.5 | | .250 | A | 200J | | 1300.000 | G | 1UA | 10 | 180 | .010 |
| | 2N4252 | NS 217 | 72 | TII,TIL | 30 | 18 | 4.0 | .050 | .200 | A | 175A | | 600.000 | G | 50NA | 15 | 100 | .002 |
| | 2N4253 | NS 217 | 72 | TII,TIL | 30 | 18 | 4.0 | .050 | .200 | A | 175A | | 600.000 | G | 50NA | 15 | 68 | .002 |
| - | 2N4254 | NS 43 | 92 | TII | 30 | 18 | 4.0 | .050 | .200 | A | 125A | | 600.000 | G | 100NA | 15 | 100 | .002 |
| - | 2N4255 | NS 43 | 92 | TII | 30 | 18 | 4.0 | .050 | .200 | A | 125A | | 600.000 | G | 100NA | 15 | 68 | .002 |
| | 2N4256 | NS 45 | 98 | GEC,HUG | 30 | 30S | 5.0 | .100 | .200 | A | 100J | | 100.000 | G | 1NA | 30 | 220 | .002 |
| | 2N4257 | PS 173 | 106 | FSC | 6 | 6 | 4.5 | .050 | .200 | A | 125J | | 500.000 | G | 10NA | 3 | 60 | .010 |
| | 2N4258 | PS 173 | 106 | FSC | 12 | 12 | 4.5 | .050 | .200 | A | 125J | | 700.000 | G | 10NA | 6 | 60 | .010 |
| | 2N4259 | NS 217 | 104 | RCA | 40 | 30 | 2.5 | | .175 | A | 175J | | 1000.000 | G | 10NA | 15 | 122 | .002 |
| | 2N4260 | PS 217 | 72 | MOT | 15 | 15 | 4.5 | .030 | .200 | A | 200J | | 1200.000 | G | 5NA | 10 | 68 | .010 |
| | 2N4261 | PS 217 | 72 | MOT | 15 | 15 | 4.5 | .030 | .200 | A | 200J | | 1500.000 | G | 5NA | 10 | 68 | .010 |
| | 2N4264 | NS 41 | 92 | MOT | 30 | 15 | 6.0 | .200 | .310 | A | 135J | | 300.000 | G | 100NA | 12 | 80 | .010 |
| | 2N4265 | NS 41 | 92 | MOT | 30 | 12 | 6.0 | .200 | .310 | A | 135J | | 300.000 | G | 100NA | 12 | 200 | .010 |
| | 2N4269 | NS 211 | 18 | TEC,HUG | 200 | 140 | 15.0 | .030 | .360 | A | 200J | | AUD | | 1UA | 150 | 90 | .010 |
| | 2N4270 | NS 210 | 5 | TEC,HUG | 200 | 140 | 15.0 | .030 | .400 | A | 200J | | AUD | | 1UA | 150 | 90 | .010 |
| | 2N4271 | NS 211 | 5 | TEC,HUG | 175 | 140 | 8.0 | 1.000 | 5.000 | H | 175C | | 20.000 | G | 50NA | 30 | 55 | .200 |
| | 2N4272 | NS 211 | 5 | TEC,HUG | 175 | 140 | 9.0 | 2.500 | 5.000 | H | 175C | | 10.000 | G | 100NA | 50 | 55 | 1.000 |
| | 2N4273 | NS 605 | 66 | TEC,HUG | 175 | 140 | 9.0 | 2.500 | 25.000 | C | 175C | | 10.000 | G | 100NA | 50 | 5 | 1.000 |
| | 2N4274 | PS 170 F | | FSC,NSC,TEC,HUG | 30 | 15 | 4.5 | .100 | .280 | A | 125J | | 400.000 | G | 10UA | 20 | 66 | .010 |
| | 2N4275 | NS 170 F | | FSC,NSC,TEC,HUG | 40 | 12 | 4.5 | .100 | .280 | A | 125J | | 400.000 | G | 10UA | 20 | 66 | .010 |
| | 2N4276 | PG 605 | 3 | MOT | 30 | 20 | 20.0 | 60.000 | 170.000 | C | 110J | | .002 | E | 4MA | 30 | 90 | 15.000 |
| | 2N4277 | PG 605 | 3 | MOT | 30 | 20 | 20.0 | 60.000 | 170.000 | C | 110J | | .002 | E | 4MA | 30 | 124 | 15.000 |
| | 2N4278 | PG 605 | 3 | MOT | 45 | 30 | 25.0 | 60.000 | 170.000 | C | 110J | | .002 | E | 4MA | 45 | 90 | 15.000 |
| | 2N4279 | PG 605 | 3 | MOT | 45 | 30 | 25.0 | 60.000 | 170.000 | C | 110J | | .002 | E | 4MA | 45 | 124 | 15.000 |
| | 2N4280 | PG 605 | 3 | MOT | 60 | 45 | 30.0 | 60.000 | 170.000 | C | 110J | | .002 | E | 4MA | 60 | 90 | 15.000 |
| | 2N4281 | PG 605 | 3 | MOT | 60 | 45 | 30.0 | 60.000 | 170.000 | C | 110J | | .002 | E | 4MA | 60 | 124 | 15.000 |
| | 2N4282 | PG 605 | 3 | MOT | 75 | 60 | 40.0 | 60.000 | 170.000 | C | 110J | | .002 | E | 4MA | 75 | 90 | 15.000 |
| | 2N4283 | PG 605 | 3 | MOT | 75 | 60 | 40.0 | 60.000 | 170.000 | C | 110J | | .002 | E | 4MA | 75 | 124 | 15.000 |
| | 2N4284 | PS 51 A | | NSC | 25 | 25 | 25.0 | .050 | .250 | A | 150J | | 7.000 | G | 100NA | 10 | 73 | .001 |
| | 2N4285 | PS 51 A | | NSC | 35 | 35 | 35.0 | .050 | .250 | A | 150J | | 7.000 | G | 10NA | 10 | 73 | .001 |
| | 2N4286 | NS 51 A | | NSC | 30 | 25 | 6.0 | .100 | .250 | A | 150J | | 40.000 | G | 50NA | 25 | 300 | .001 |
| | 2N4287 | NS 51 A | | NSC | 45 | 45 | 7.0 | .100 | .250 | A | 150J | | 40.000 | G | 10NA | 30 | 300 | .001 |
| | 2N4288 | PS 51 A | | NSC | 30 | 25 | 6.0 | .100 | .250 | A | 150J | | 40.000 | G | 50NA | 25 | 300 | .001 |
| | 2N4289 | PS 51 A | | NSC | 60 | 45 | 7.0 | .100 | .250 | A | 150J | | 40.000 | G | 10NA | 45 | 300 | .001 |
| | 2N4290 | PS 51 A | | NSC | 30 | 20 | 5.0 | .600 | .250 | A | 150J | | 100.000 | G | 500NA | 20 | 125 | .100 |
| | 2N4291 | PS 51 A | | NSC | 40 | 30 | 6.0 | .600 | .250 | A | 150J | | 100.000 | G | 200NA | 30 | 175 | .100 |
| | 2N4292 | NS 51 A | | NSC | 30 | 15 | 3.0 | .050 | .200 | A | 150J | | 600.000 | G | 500NA | 15 | 30 | .003 |
| | 2N4293 | NS 51 A | | NSC | 30 | 15 | 3.0 | .050 | .200 | A | 150J | | 600.000 | G | 500NA | 15 | 30 | .003 |
| | 2N4294 | NS 51 A | | NSC | 30 | 12 | 4.5 | .200 | .200 | A | 150J | | 400.000 | G | 400NA | 20 | 60 | .010 |
| | 2N4295 | NS 51 A | | NSC | 40 | 15 | 5.0 | | .200 | A | 150J | | 500.000 | G | 100NA | 20 | 70 | .010 |
| - | 2N4296 | NS 605 | 66 | RCA | 350 | 250 | 4.0 | 1.000 | 20.000 | C | 175J | | 20.000 | G | 100UA | 350 | 80 | .050 |
| - | 2N4297 | NS 605 | 66 | RCA | 350 | 250 | 4.0 | 1.000 | 20.000 | C | 175J | | 20.000 | G | 100UA | 350 | 100 | .050 |
| - | 2N4298 | NS 605 | 66 | RCA | 500 | 350 | 4.0 | 1.000 | 20.000 | C | 175J | | 20.000 | G | 100UA | 500 | 30 | .050 |
| - | 2N4299 | NS 605 | 66 | RCA | 500 | 350 | 4.0 | 1.000 | 20.000 | C | 175J | | 20.000 | G | 100UA | 500 | 80 | .050 |
| | 2N4300 | NS 211 | 5 | TII,SOL,TEC,HUG,TIL | 100 | 80 | 8.0 | 2.000 | 15.000 | C | 200J | | 30.000 | G | 1UA | 40 | 60 | 1.000 |
| | 2N4301 | NS 561 | 61 | TII,TEC,TIL,SOL | 100 | 80 | 8.0 | 10.000 | 50.000 | C | 200J | | 40.000 | G | 10UA | 40 | 60 | 5.000 |
| | 2N4305 | NS 211 | 5 | TRW,HUG | 120 | 80 | 6.0 | 5.000 | 1.500 | A | 200J | | 100.000 | G | 10UA | 120 | 88 | 1.000 |
| | 2N4306 | NS 905 A | | TRW | 120 | 80 | 6.0 | 5.000 | 30.000 | C | 200J | | 100.000 | G | 10UA | 120 | 88 | 1.000 |
| | 2N4307 | NS 211 | 5 | TRW,HUG | 100 | 60 | 6.0 | 5.000 | .500 | A | 200J | | 100.000 | G | 10UA | 100 | 88 | 1.000 |
| | 2N4308 | NS 905 A | | TRW | 100 | 60 | 6.0 | 5.000 | 30.000 | C | 200J | | 100.000 | G | 10UA | 100 | 88 | 1.000 |
| | 2N4309 | NS 211 | 5 | TRW,HUG | 120 | 80 | 6.0 | 5.000 | .500 | A | 200J | | 100.000 | G | 10UA | 120 | 88 | 1.000 |
| | 2N4310 | NS 905 A | | TRW | 120 | 80 | 6.0 | 5.000 | 30.000 | C | 200J | | 100.000 | G | 10UA | 120 | 70 | 1.000 |
| | 2N4311 | NS 211 | 5 | TRW,HUG | 100 | 60 | 6.0 | 5.000 | 1.500 | A | 200J | | 100.000 | G | 10UA | 100 | 70 | 1.000 |
| | 2N4312 | NS 905 A | | TRW | 100 | 60 | 6.0 | 5.000 | 30.000 | C | 200J | | 100.000 | G | 10UA | 100 | 70 | 1.000 |
| | 2N4313 | PS 173 | 106 | FSC | 12 | 12 | 4.5 | .100 | .200 | A | 125J | | 700.000 | G | 50NA | 10 | 55 | .100 |
| | 2N4314 | PS 211 | 5 | RCA | 90 | 65 | 7.0 | 1.000 | 1.000 | A | 200J | | 60.000 | G | 250NA | 60 | 112 | .150 |
| | 2N4346 | PG 605 | 3 | RCA | 320 | | 2.0 | 10.000 | 5.000 | C | 85J | | HORAMP | | 200UA | 10 | 25 | 6.000 |
| | 2N4347 | NS 605 | 3 | RCA,WHE,SOL | 140 | 120 | 7.0 | 5.000 | 100.000 | C | 200J | | AUD | | 2MA | 120 | 38 | 2.000 |
| | 2N4348 | NS 605 | 3 | RCA,MOT,WHE,SOL | 140 | 120 | 7.0 | 10.000 | 120.000 | C | 200J | | AUD | | 2MA | 120 | 30 | 5.000 |
| | 2N4350 | SEE RF POWER SECTION | | | | | | | | | | | | | | | | |
| | 2N4354 | PS 173 A | | FSC | 60 | 60 | 5.0 | .500 | .350 | A | 125J | | 100.000 | G | 50NA | 50 | 175 | .010 |
| | 2N4355 | PS 173 A | | FSC | 60 | 60 | 5.0 | .500 | .350 | A | 125J | | 100.000 | G | 50NA | 50 | 200 | .010 |
| | 2N4356 | PS 173 A | | FSC | 80 | 80 | 5.0 | .500 | .350 | A | 125J | | 100.000 | G | 50NA | 50 | 112 | .010 |
| | 2N4357 | PS 211 | 18 | FSC | 240 | 240 | 6.0 | .100 | .400 | A | 200J | | 40.000 | G | 20NA | 200 | 155 | .010 |
| | 2N4358 | PS 211 | 39 | FSC | 240 | 240 | 6.0 | .100 | .700 | A | 200J | | 40.000 | G | 20NA | 200 | 155 | .010 |
| | 2N4359 | PS 211 | 18 | FSC,HUG | 45 | 45 | 5.0 | .050 | .360 | A | 200J | | 20.000 | G | 10NA | 25 | 200 | .001 |
| | 2N4383 | NS 210 | 5 | SPR,HUG | 40 | 30 | 5.0 | .800 | .800 | A | | | 30.000 | G | 10NA | 30 | 350 | .010 |
| | 2N4384 | NS 210 | 18 | SPR,HUG | 40 | 30 | 5.0 | .800 | .500 | A | | | 30.000 | G | 10NA | | 350 | .010 |
| | 2N4385 | NS 210 | 5 | SPR,HUG | 40 | 30 | 5.0 | .800 | .800 | A | | | 30.000 | G | 10NA | | 250 | .010 |
| | 2N4386 | NS 210 | 18 | SPR,HUG | 40 | 30 | 5.0 | .800 | .500 | A | | | 30.000 | G | 10NA | 30 | 250 | .010 |
| | 2N4387 | PS 605 | 66 | TEC,HUG,SOL | 40 | 40 | 5.0 | 2.000 | 20.000 | C | 200J | | 25.000 | G | 10UA | 40 | 50 | .500 |
| | 2N4388 | PS 605 | 66 | TEC,HUG,SOL | 60 | 60 | 5.0 | .100 | 20.000 | C | 200J | | 25.000 | G | 10UA | 60 | 50 | .500 |
| - | 2N4389 | PS 173 | 106 | FSC | 12 | 12 | 4.0 | .100 | .200 | A | 125J | | 400.000 | G | 100NA | 6 | 75 | .010 |
| | 2N4390 | NS 211 | 104 | RCA | 120 | 120 | 6.0 | | .500 | A | 175J | | 50.000 | G | 1UA | 70 | 40 | .020 |
| - | 2N4397 | NS 218 | 104 | RCA | 40 | 40 | 3.0 | | .200 | A | 200J | | 600.000 | G | 20NA | 10 | 86 | .002 |
| | 2N4398 | PS 605 | 3 | MOT,TII,TIL | 40 | 40 | 5.0 | 30.000 | 200.000 | C | 200J | | 4.000 | G | 1MA | 40 | 30 | 15.000 |
| | 2N4399 | PS 605 | 3 | MOT,TII,TIL | 60 | 60 | 5.0 | 30.000 | 200.000 | C | 200J | | 4.000 | G | 1MA | 60 | 30 | 15.000 |
| | 2N4400 | NS 41 | 92 | MOT | 60 | 40 | 6.0 | .600 | .310 | A | 135J | | 200.000 | G | 100NA | 35 | 88 | .150 |
| | 2N4401 | NS 41 | 92 | MOT | 60 | 40 | 6.0 | .600 | .310 | A | 135J | | 250.000 | G | 100NA | 35 | 176 | .150 |
| | 2N4402 | PS 41 | 92 | MOT | 40 | 40 | 5.0 | .600 | .310 | A | 135J | | 150.000 | G | 100NA | 35 | 88 | .150 |
| | 2N4403 | PS 41 | 92 | MOT | 40 | 40 | 5.0 | .600 | .310 | A | 135J | | 200.000 | G | 100NA | 35 | 88 | .150 |
| | 2N4404 | PS 210 | 39 | MOT | 80 | 80 | 5.0 | 1.000 | 1.250 | A | 200J | | 200.000 | G | 25NA | 60 | 70 | .150 |
| | 2N4405 | PS 210 | 39 | MOT | 80 | 80 | 5.0 | 1.000 | 1.250 | A | 200J | | 200.000 | G | 25NA | 60 | 175 | .150 |
| | 2N4406 | PS 210 | 39 | MOT | 80 | 80 | 5.0 | 2.000 | 1.250 | A | 200J | | 150.000 | G | 25NA | 60 | 50 | .150 |
| | 2N4407 | PS 210 | 39 | MOT | 80 | 80 | 5.0 | 2.000 | 1.250 | A | 200J | | 150.000 | G | 25NA | 60 | 131 | .150 |
| - | 2N4409 | NS 41 | 92 | MOT | 80 | 50 | 5.0 | .250 | .310 | A | 135J | | 60.000 | G | 10NA | 60 | 160 | .010 |
| - | 2N4410 | NS 41 | 92 | MOT | 120 | 80 | 5.0 | .250 | .310 | A | 135J | | 60.000 | G | 10NA | 100 | 160 | .010 |
| | 2N4411 | PS 217 | 72 | MOT | 15 | 12 | 5.0 | .025 | .150 | A | 200J | | 400.000 | G | 5NA | 6 | 80 | .001 |
| | 2N4412 | PS 210 | 5 | SPR,HUG | 40 | 30 | 5.0 | .600 | .600 | A | 200J | | 20.000 | G | 10NA | 30 | 300 | .001 |
| | 2N4412A | PS 210 | 5 | SPR,HUG | 60 | 60 | 5.0 | .600 | .600 | A | 200J | | 20.000 | G | 10NA | 30 | 300 | .001 |
| | 2N4413 | PS 210 | 18 | SPR,HUG | 40 | 30 | 5.0 | .600 | .400 | A | 200J | | 20.000 | G | 10NA | 30 | 300 | .001 |
| | 2N4413A | PS 210 | 18 | SPR,HUG | 60 | 60 | 5.0 | .600 | .400 | A | 200J | | 20.000 | G | 10NA | 30 | 300 | .001 |
| | 2N4414 | PS 210 | 5 | SPR,HUG | 40 | 30 | 5.0 | .600 | .600 | A | 200J | | 20.000 | G | 10NA | 30 | 200 | .001 |
| | 2N4414A | PS 210 | 5 | SPR,HUG | 60 | 60 | 5.0 | .600 | .600 | A | 200J | | 20.000 | G | 10NA | 30 | 200 | .001 |
| | 2N4415 | PS 210 | 18 | SPR,HUG | 40 | 30 | 5.0 | .600 | .400 | A | 200J | | 20.000 | G | 10NA | 30 | 200 | .001 |
| | 2N4415A | PS 210 | 18 | SPR,HUG | 60 | 60 | 5.0 | .600 | .400 | A | 200J | | 20.000 | G | 10NA | 30 | 200 | .001 |
| | 2N4418 | NS 168 A | | TII | 40 | 15 | 4.5 | .200 | .250 | A | 125J | | 500.000 | G | 400NA | 20 | 70 | .010 |
| | 2N4419 | NS 168 A | | TII | 30 | 12 | 4.5 | .200 | .250 | A | 125J | | 400.000 | G | 400NA | 20 | 60 | .010 |
| | 2N4420 | NS 168 A | | TII | 40 | 20 | 5.0 | .200 | .250 | A | 125J | | 350.000 | G | 500NA | 20 | 60 | .030 |
| | 2N4421 | NS 168 A | | TII | 30 | 12 | 5.0 | .200 | .250 | A | 125J | | 300.000 | G | 500NA | 20 | 50 | .030 |
| | 2N4422 | NS 168 A | | TII | 40 | 15 | 5.0 | .200 | .250 | A | 125J | | 350.000 | G | 500NA | 20 | 60 | .030 |
| - | 2N4423 | PS 168 A | | TII | 12 | 12 | 4.0 | .200 | .250 | A | 125J | | 400.000 | G | 80NA | 6 | 78 | .030 |
| | 2N4424 | NS 45 | 98 | SPR,GEC,HUG | 40 | 40 | 5.0 | .500 | .360 | A | 150J | | | | 100NA | 40 | 312 | .002 |
| | 2N4425 | NS 45 B | | SPR,GEC,HUG | 40 | 40 | 5.0 | .500 | .560 | A | 150J | | | | 100NA | 40 | 312 | .002 |
| | 2N4427 | SEE RF POWER SECTION | | | | | | | | | | | | | | | | |
| | 2N4428 | SEE RF POWER SECTION | | | | | | | | | | | | | | | | |
| | 2N4429 | SEE RF POWER SECTION | | | | | | | | | | | | | | | | |
| | 2N4430 | SEE RF POWER SECTION | | | | | | | | | | | | | | | | |
| | 2N4431 | SEE RF POWER SECTION | | | | | | | | | | | | | | | | |
| | 2N4433 | NS 218 | 72 | AMP | | 50 | | .030 | .165 | A | | | 200.000 | G | | | 8 | |
| | 2N4436 | NS 173 | 106 | FSC | 60 | 30 | 5.0 | .500 | .200 | A | 125J | | 150.000 | G | 50NA | 50 | 70 | .150 |
| | 2N4437 | NS 173 | 106 | FSC | 60 | 30 | 5.0 | .500 | .200 | A | 125J | | 250.000 | G | 50NA | 50 | 175 | .150 |
| - | 2N4438 | NS 211 | 39 | FSC | 300 | 300 | 8.0 | .200 | 1.000 | A | 200J | | 30.000 | G | 1UA | 200 | 160 | .050 |
| - | 2N4439 | NS 211 | 39 | FSC | 300 | 300 | 8.0 | .200 | 1.000 | A | 200J | | 30.000 | G | 1UA | 200 | 70 | .050 |
| | 2N4440 | SEE RF POWER SECTION | | | | | | | | | | | | | | | | |
| | 2N4862 | NS 211 | 46 | SOL,HUG | 140 | 120 | 8.0 | 2.000 | 4.000 | H | 200J | | 50.000 | G | 100NA | 60 | 88 | .500 |
| | 2N4863 | NS 211 | 5 | SOL,HUG | 140 | 120 | 8.0 | 2.000 | 4.000 | H | 200J | | 50.000 | G | 100NA | 60 | 88 | .500 |
| | 2N4864 | NS 605 | 66 | SOL,TEC,HUG | 140 | 120 | 8.0 | 2.000 | 16.600 | H | 200J | | 50.000 | G | 100NA | 60 | 88 | .500 |
| | 2N4865 | NS 561 | 114 | SOL,TEC,HUG | 100 | 80 | 8.0 | 90.000 | 200.000 | H | 200J | | | | 1UA | 60 | 20 | 70.000 |
| | 2N4866 | NS 561 | 114 | SOL,TEC,HUG | 140 | 120 | 8.0 | 90.000 | 200.000 | H | 200J | | | | 1UA | 60 | 20 | 70.000 |
| | 2N4872 | PS 211 | 18 | FSC | 12 | 12 | 4.5 | .050 | .300 | A | 200J | | 900.000 | G | 10NA | 6 | 65 | .010 |
| | 2N4873 | NS 211 | 18 | FSC | 40 | 15 | 4.5 | .200 | .360 | A | 200J | | 700.000 | G | 400NA | 20 | 120 | .010 |
| | 2N4874 | SEE RF POWER SECTION | | | | | | | | | | | | | | | | |
| | 2N4875 | SEE RF POWER SECTION | | | | | | | | | | | | | | | | |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Condition | Cutoff $I_{CBO}$ @ $V_{CB}$ | | Gain $h_{FE}$ @ $I_C$(A) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | | | | |
| | 2N4876 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | 2N4877 | NS 211 | 39 | MOT | 70 | 60 | 5.0 | 30.000 | 10.000 | C | 200J | | 30.000 | G | 100UA 70 | 45 4.000 |
| | 2N4888 | PS 173 A | | FSC | 150 | 150 | 6.0 | | .300 | A | 125J | | 30.000 | G | 50NA 100 | 45 .010 |
| | 2N4889 | PS 173 A | | FSC | 150 | 150 | 6.0 | | .300 | A | 125J | | 40.000 | G | 10NA 100 | 150 .010 |
| | 2N4890 | PS 210 | 5 | MOT | 60 | 40 | 5.0 | .700 | 1.000 | A | 200J | | 100.000 | G | 250NA 60 | 110 .150 |
| | 2N4895 | NS 211 | 39 | FSC,SOL,HUG | 120 | 60 | 6.0 | 5.000 | .800 | A | 200J | | 50.000 | G | 1UA 60 | 75 2.000 |
| | 2N4896 | NS 211 | 39 | FSC,SOL,HUG | 120 | 60 | 6.0 | 5.000 | .800 | A | 200J | | 80.000 | G | 1UA 60 | 150 2.000 |
| | 2N4897 | NS 211 | 39 | FSC,SOL,HUG | 150 | 80 | 6.0 | 5.000 | .800 | A | 200J | | 50.000 | G | 1UA 100 | 75 2.000 |
| | 2N4898 | PS 605 | 66 | MOT,SOL | 40 | 40 | 5.0 | 4.000 | 25.000 | C | 200J | | 3.000 | G | 100UA 40 | 46 .500 |
| | 2N4899 | PS 605 | 66 | MOT,SOL | 60 | 60 | 5.0 | 4.000 | 25.000 | C | 200J | | 3.000 | G | 100UA 60 | 46 .500 |
| | 2N4900 | PS 605 | 66 | MOT,SOL | 80 | 80 | 5.0 | 4.000 | 25.000 | C | 200J | | 3.000 | G | 100UA 80 | 46 .500 |
| | 2N4901 | PS 605 | 3 | MOT,TII,SOL,TIL | 40 | 40 | 5.0 | 5.000 | 87.500 | C | 200J | | 4.000 | G | 100UA 40 | 40 1.000 |
| | 2N4902 | PS 605 | 3 | MOT,TII,SOL,TIL | 60 | 60 | 5.0 | 5.000 | 87.500 | C | 200J | | 4.000 | G | 100UA 60 | 40 1.000 |
| | 2N4903 | PS 605 | 3 | MOT,TII,TIL,SOL | 80 | 80 | 5.0 | 5.000 | 87.500 | C | 200J | | 4.000 | G | 100UA 80 | 40 1.000 |
| | 2N4904 | PS 605 | 3 | MOT,TII,SOL,TIL | 40 | 40 | 5.0 | 5.000 | 87.500 | C | 200J | | 4.000 | G | 100UA 40 | 50 2.500 |
| | 2N4905 | PS 605 | 3 | MOT,TII,SOL,TIL | 60 | 60 | 5.0 | 5.000 | 87.500 | C | 200J | | 4.000 | G | 100UA 60 | 50 2.500 |
| | 2N4906 | PS 605 | 3 | MOT,TII,SOL,TIL | 80 | 80 | 5.0 | 5.000 | 87.500 | C | 200J | | 4.000 | G | 100UA 80 | 50 2.500 |
| | 2N4907 | PS 605 | 3 | MOT,SOL | 40 | 40 | 5.0 | 10.000 | 150.000 | C | 200J | | 4.000 | G | 2MA 40 | 40 4.000 |
| | 2N4908 | PS 605 | 3 | MOT,SOL | 60 | 60 | 5.0 | 10.000 | 150.000 | C | 200J | | 4.000 | G | 2MA 60 | 40 4.000 |
| | 2N4909 | PS 605 | 3 | MOT,SOL | 80 | 80 | 5.0 | 10.000 | 150.000 | C | 200J | | 4.000 | G | 2MA 80 | 40 4.000 |
| | 2N4910 | NS 605 | 66 | MOT,SOL | 40 | 40 | 5.0 | 1.000 | 25.000 | C | 200J | | 3.000 | G | 100UA 40 | 46 .500 |
| | 2N4911 | NS 605 | 66 | MOT,SOL | 60 | 60 | 5.0 | 1.000 | 25.000 | C | 200J | | 3.000 | G | 100UA 60 | 46 .500 |
| | 2N4912 | NS 605 | 66 | MOT,SOL | 80 | 80 | 5.0 | 1.000 | 25.000 | C | 200J | | 3.000 | G | 100UA 80 | 46 .500 |
| | 2N4913 | NS 605 | 3 | MOT,TII,HUG,TIL,SOL | 40 | 40 | 5.0 | 5.000 | 87.500 | C | 200J | | 4.000 | G | 1MA 40 | 50 2.500 |
| | 2N4914 | NS 605 | 3 | MOT,TII,HUG,TIL,SOL | 60 | 60 | 5.0 | 5.000 | 87.500 | C | 200J | | 4.000 | G | 1MA 60 | 50 2.500 |
| | 2N4915 | NS 605 | 3 | MOT,TII,TIL,SOL | 80 | 80 | 5.0 | 5.000 | 87.500 | C | 200J | | 4.000 | G | 1MA 80 | 50 2.500 |
| | 2N4916 | PS 173 | 106 | FSC | 30 | 30 | 5.0 | .100 | .200 | A | 125J | | 400.000 | G | 25NA 15 | 150 .010 |
| | 2N4917 | PS 173 | 106 | FSC | 30 | 30 | 5.0 | .100 | .200 | A | 125J | | 450.000 | G | 25NA 15 | 200 .010 |
| | 2N4918 | PS 48 A | | MOT | 40 | 40 | 5.0 | 3.000 | 30.000 | C | 150J | | 3.000 | G | 100UA 40 | 46 .500 |
| | 2N4919 | PS 48 A | | MOT | 60 | 60 | 5.0 | 3.000 | 30.000 | C | 150J | | 3.000 | G | 100UA 60 | 46 .500 |
| | 2N4920 | PS 48 A | | MOT | 80 | 80 | 5.0 | 3.000 | 30.000 | C | 150J | | 3.000 | G | 100UA 80 | 46 .500 |
| | 2N4921 | NS 48 A | | MOT | 40 | 40 | 5.0 | 3.000 | 30.000 | C | 150J | | 3.000 | G | 100UA 40 | 46 .500 |
| | 2N4922 | NS 48 A | | MOT | 60 | 60 | 5.0 | 3.000 | 30.000 | C | 150J | | 3.000 | G | 100UA 60 | 46 .500 |
| | 2N4923 | NS 48 A | | MOT | 80 | 80 | 5.0 | 3.000 | 30.000 | C | 150J | | 3.000 | G | 100UA 80 | 46 .500 |
| | 2N4924 | NS 211 | 39 | MOT | 100 | 100 | 5.0 | .200 | 1.000 | A | 200C | | 100.000 | G | 100NA 50 | 90 .150 |
| | 2N4925 | NS 211 | 39 | MOT | 150 | 150 | 5.0 | .200 | 1.000 | A | 200C | | 100.000 | G | 100NA 75 | 90 .150 |
| | 2N4926 | NS 211 | 39 | MOT | 200 | 200 | 7.0 | .050 | 5.000 | C | 200C | | 30.000 | G | 100NA 100 | 70 .030 |
| | 2N4927 | NS 211 | 39 | MOT | 250 | 250 | 7.0 | .050 | 5.000 | C | 200C | | 30.000 | G | 100NA 150 | 70 .030 |
| | 2N4928 | PS 211 | 5 | MOT | 100 | 100 | 4.0 | .100 | .600 | A | 200C | | 100.000 | G | 500NA 50 | 75 .010 |
| | 2N4929 | PS 211 | 5 | MOT | 150 | 150 | 4.0 | .500 | 1.000 | A | 200C | | 100.000 | G | 500NA 75 | 75 .010 |
| | 2N4930 | PS 211 | 5 | MOT | 200 | 200 | 4.0 | .500 | 1.000 | A | 200C | | 20.000 | G | 1UA 150 | 70 .010 |
| | 2N4931 | PS 211 | 5 | MOT | 250 | 250 | 4.0 | .500 | 1.000 | A | 200C | | 20.000 | G | 1UA 150 | 70 .010 |
| | 2N4932 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | 2N4933 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| - | 2N4934 | NS 218 | 104 | RCA | 40 | 40 | 3.0 | | .200 | A | 200J | | 700.000 | G | 10NA 15 | 80 .002 |
| - | 2N4935 | NS 218 | 104 | RCA | 40 | 40 | 3.0 | | .200 | A | 200J | | 700.000 | G | 10NA 15 | 110 .002 |
| - | 2N4936 | NS 218 | 104 | RCA | 50 | 30 | 3.0 | | .200 | A | 200J | | 700.000 | G | 10NA 15 | 120 .002 |
| | 2N4943 | NS 211 | 5 | NSC | 120 | 80 | 7.0 | 1.000 | .800 | A | 200J | | 150.000 | G | 10NA 60 | 175 .150 |
| | 2N4944 | NS 173 | 106 | FSC | 80 | 40 | 5.0 | | .220 | A | 125J | | 60.000 | G | 50NA 40 | 80 .150 |
| | 2N4945 | NS 173 | 106 | FSC | 80 | 60 | 5.0 | | .220 | A | 125J | | 60.000 | G | 50NA 40 | 80 .150 |
| | 2N4946 | NS 173 | 106 | FSC | 80 | 40 | 5.0 | | .220 | A | 125J | | 60.000 | G | 50NA 40 | 150 .150 |
| | 2N4950 | NS 563 | 114 | SPC,STC | 80 | 60 | 10.0 | 70.000 | 300.000 | C | 200J | | .100 | G | 2MA 60 | 15 50.000 |
| | 2N4951 | NS 45 | 98 | SPR,HUG | 60 | 30 | 5.0 | .500 | .360 | A | 150J | | 250.000 | G | 50NA 40 | 110 .150 |
| | 2N4952 | NS 45 | 98 | SPR,HUG | 60 | 30 | 5.0 | .500 | .360 | A | 150J | | 250.000 | G | 50NA 40 | 176 .150 |
| | 2N4953 | NS 45 | 98 | SPR,HUG | 60 | 30 | 5.0 | .500 | .360 | A | 150J | | 250.000 | G | 50NA 40 | 350 .150 |
| | 2N4954 | NS 45 | 98 | SPR,HUG | 40 | 30 | 5.0 | .500 | .360 | A | 150J | | 250.000 | G | 50NA 30 | 210 .150 |
| | 2N4957 | PS 217 | 72 | MOT | 30 | 30 | 3.0 | .030 | .200 | A | 200J | | 1200.000 | G | 100NA 20 | 40 .002 |
| | 2N4958 | PS 217 | 72 | MOT | 30 | 30 | 3.0 | .030 | .200 | A | 200J | | 1000.000 | G | 100NA 20 | 40 .002 |
| | 2N4959 | PS 217 | 72 | MOT | 30 | 30 | 3.0 | .030 | .200 | A | 200J | | 1000.000 | G | 100NA 20 | 40 .002 |
| | 2N4960 | NS 211 | 39 | FSC | 60 | 60 | 6.5 | | .800 | A | 200J | | 250.000 | G | 10NA 50 | 100 .150 |
| | 2N4961 | NS 211 | 39 | FSC | 80 | 80 | 6.5 | | .800 | A | 200J | | 250.000 | G | 10NA 50 | 100 .150 |
| | 2N4962 | NS 211 | 18 | FSC | 60 | 60 | 6.5 | | .500 | A | 200J | | 250.000 | G | 10NA 50 | 100 .150 |
| | 2N4963 | NS 211 | 18 | FSC | 80 | 80 | 6.5 | | .500 | A | 200J | | 250.000 | G | 10NA 50 | 100 .150 |
| | 2N4964 | PS 173 | 106 | NSC | 50 | 40 | 5.0 | .100 | .200 | A | 125J | | 60.000 | G | 25NA 20 | 60 .001 |
| | 2N4965 | PS 173 | 106 | NSC | 50 | 40 | 5.0 | .100 | .200 | A | 125J | | 60.000 | G | 25NA 20 | 180 .001 |
| | 2N4966 | NS 173 | 106 | NSC | 50 | 40 | 6.0 | .030 | .200 | A | 125J | | 40.000 | G | 25NA 25 | 90 .001 |
| | 2N4967 | NS 173 | 106 | NSC | 50 | 40 | 6.0 | .030 | .200 | A | 125J | | 40.000 | G | 25NA 25 | 250 .001 |
| | 2N4968 | NS 173 | 106 | NSC | 30 | 25 | 6.0 | .030 | .200 | A | 125J | | 40.000 | G | 50NA 25 | 90 .001 |
| | 2N4969 | NS 173 | 106 | NSC | 50 | 30 | 5.0 | .500 | .200 | A | 125J | | 150.000 | G | 50NA 30 | 70 .150 |
| | 2N4970 | NS 173 | 106 | NSC | 50 | 30 | 5.0 | .500 | .200 | A | 125J | | 200.000 | G | 50NA 30 | 188 .150 |
| | 2N4971 | PS 173 | 106 | NSC | 50 | 40 | 5.0 | .500 | .200 | A | 125J | | 200.000 | G | 25NA 30 | 70 .150 |
| | 2N4972 | PS 173 | 106 | NSC | 50 | 40 | 5.0 | .500 | .200 | A | 125J | | 200.000 | G | 25NA 30 | 175 .150 |
| | 2N4980 | PS 211 | 46 | NSC | 30 | 30 | 30.0 | .100 | .400 | A | 200J | | 10.000 | G | 1NA 30 | 135 .001 |
| | 2N4981 | PS 211 | 46 | NSC | 50 | 50 | 50.0 | .100 | .400 | A | 200J | | 5.000 | G | 3NA 50 | 90 .001 |
| | 2N4982 | PS 211 | 46 | NSC | 70 | 70 | 70.0 | .100 | .400 | A | 200J | | 3.000 | G | 5NA 70 | 68 .001 |
| | 2N4994 | NS 168 A | | TII | 60 | 45 | 4.0 | .030 | .360 | A | 150J | | 200.000 | G | 100NA 30 | 80 .010 |
| | 2N4995 | NS 168 A | | TII | 60 | 45 | 4.0 | .030 | .360 | A | 150J | | 200.000 | G | 100NA 30 | 200 .010 |
| | 2N4996 | NS 168 A | | TII,TIL | 30 | 18 | 4.0 | .050 | .250 | A | 150J | | 600.000 | G | 100NA 15 | 75 .002 |
| | 2N4997 | NS 168 A | | TII,TIL | 30 | 18 | 4.0 | .050 | .250 | A | 150J | | 600.000 | G | 100NA 15 | 68 .002 |
| | 2N4999 | NS 560 | 59 | FSC,SOL | | 100S | 6.0 | 2.000 | 30.000 | H | 200J | | 50.000 | G | 1UA 60 | 63 1.000 |
| | 2N4999 | PS 560 | 50 | FSC,SOL | 100 | 80 | 5.5 | 5.000 | 50.000 | H | 200J | | 60.000 | G | 1UA 60 | 50 2.500 |
| | 2N5000 | NS 560 | 59 | FSC,SOL | | 100S | 6.0 | 2.000 | 30.000 | H | 200J | | 60.000 | G | 1UA 60 | 110 1.000 |
| | 2N5001 | PS 560 | 50 | FSC,SOL | 100 | 80 | 5.5 | 5.000 | 50.000 | H | 200J | | 70.000 | G | 1UA 60 | 114 2.500 |
| | 2N5002 | NS 560 | 59 | FSC,SOL | | 100S | 6.0 | 5.000 | 50.000 | H | 200J | | 60.000 | G | 1UA 60 | 64 2.500 |
| | 2N5003 | PS 560 | 50 | FSC,SOL | 100 | 80 | 5.5 | 2.000 | 30.000 | H | 200J | | 50.000 | G | 1UA 60 | 40 1.000 |
| | 2N5004 | NS 560 | 59 | FSC,SOL | | 100S | 6.0 | 5.000 | 50.000 | H | 200J | | 70.000 | G | 1UA 60 | 114 2.500 |
| | 2N5005 | PS 560 | 50 | FSC,SOL | 100 | 80 | 5.5 | 2.000 | 30.000 | H | 200J | | 60.000 | G | 1UA 60 | 88 1.000 |
| | 2N5006 | NS 560 | 61 | FSC,SOL | | 100S | 6.0 | 10.000 | 100.000 | H | 200J | | 30.000 | G | 1MA 60 | 42 5.000 |
| | 2N5007 | PS 560 | 61 | FSC,SOL | 100 | 80 | 5.5 | 10.000 | 100.000 | H | 200J | | 30.000 | G | 1UA 60 | 52 5.000 |
| | 2N5008 | NS 560 | 61 | FSC,SOL | | 100S | 6.0 | 10.000 | 100.000 | H | 200J | | 40.000 | G | 1UA 60 | 108 5.000 |
| | 2N5009 | PS 560 | 61 | FSC,SOL | 100 | 80 | 5.5 | 10.000 | 100.000 | H | 200J | | 30.000 | G | 1UA 60 | 120 5.000 |
| | 2N5010 | NS 211 | 5 | STC | 500 | 500R | 5.0 | .500 | 2.000 | H | 200S | | 20.000 | G | 6UA 400 | 75 .025 |
| | 2N5011 | NS 211 | 5 | STC | 600 | 600R | 5.0 | .500 | 2.000 | H | 200S | | 20.000 | G | 6UA 500 | 75 .025 |
| | 2N5012 | NS 211 | 5 | STC | 700 | 700R | 5.0 | .500 | 2.000 | H | 200S | | 20.000 | G | 6UA 580 | 75 .025 |
| | 2N5013 | NS 211 | 5 | STC | 800 | 800R | 5.0 | .500 | 2.000 | H | 200S | | 20.000 | G | 12UA 650 | 75 .020 |
| | 2N5014 | NS 211 | 5 | STC | 900 | 900R | 5.0 | .500 | 2.000 | H | 200S | | 20.000 | G | 12UA 700 | 75 .020 |
| | 2N5015 | NS 211 | 5 | STC | 999 | 999R | 5.0 | .500 | 2.000 | H | 200S | | 20.000 | G | 12UA 760 | 75 .020 |
| | 2N5016 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| - | 2N5017 | NS 970 A | | RCA | | 65X | 4.0 | 4.500 | 30.000 | C | 200J | | 600.000 | G | 10MA 30 | 4 |
| | 2N5022 | PS 211 | 39 | FSC,RAY | 50 | 50 | 5.0 | 1.000 | 1.000 | A | 200J | | 170.000 | G | 100NA 30 | 45 .500 |
| | 2N5023 | PS 211 | 39 | FSC,RAY | 30 | 30 | 5.0 | 1.000 | 1.000 | A | 200J | | 200.000 | G | 100NA 20 | 60 .500 |
| | 2N5025 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | 2N5026 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | 2N5027 | NS 45 | 98 | GEC | 60 | 30 | 5.0 | .350 | .320 | A | 120J | | 250.000 | G | 100NA 40 | 88 .150 |
| | 2N5028 | NS 45 | 98 | GEC | 60 | 30 | 5.0 | .350 | .320 | A | 120J | | 250.000 | G | 100NA 40 | 176 .150 |
| | 2N5029 | NS 45 | 98 | GEC | 40 | 15 | 4.5 | .200 | .320 | A | 120J | | 400.000 | G | 250NA 20 | 70 .100 |
| | 2N5030 | NS 45 | 98 | GEC | 30 | 12 | 4.0 | .200 | .320 | A | 120J | | 400.000 | G | 250NA 20 | 60 .100 |
| | 2N5031 | NS 217 | 72 | MOT | 15 | 10 | 3.0 | .020 | .200 | A | 200A | | 1000.000 | G | 10NA 6 | 100 .001 |
| | 2N5032 | NS 217 | 72 | MOT | 15 | 10 | 3.0 | .020 | .200 | A | 200A | | 1000.000 | G | 10NA 6 | 100 .001 |
| | 2N5034 | NS 980 A | | RCA,WHE | 55 | 40 | 5.0 | 6.000 | 83.000 | C | 150J | | .800 | G | 1MA 35 | 40 4.000 |
| | 2N5035 | NS 981 A | | RCA | 55 | 40 | 5.0 | 6.000 | 83.000 | C | 150J | | .800 | G | 1MA 35 | 40 4.000 |
| | 2N5036 | NS 980 A | | RCA,WHE | 70 | 50 | 5.0 | 8.000 | 83.000 | C | 150J | | .800 | G | 1MA 35 | 40 5.000 |
| | 2N5037 | NS 981 A | | RCA | 70 | 50 | 5.0 | 8.000 | 83.000 | C | 150J | | .800 | G | 1MA 50 | 40 5.000 |
| | 2N5038 | NS 605 | 3 | RCA,WHE | 150 | 90 | 7.0 | 20.000 | 140.000 | C | 200J | | 60.000 | G | 20MA 70 | 100 2.000 |
| | 2N5039 | NS 605 | 3 | RCA,WHE | 120 | 75 | 7.0 | 20.000 | 140.000 | C | 200J | | 60.000 | G | 20MA 55 | 68 2.000 |
| | 2N5040 | PS 173 | 105 | FSC | 25 | 25 | 4.0 | | .300 | A | 125J | | 80.000 | G | 50NA 15 | 75 .500 |
| | 2N5041 | PS 173 | 105 | FSC | 40 | 40 | 5.0 | | .300 | A | 125J | | 100.000 | G | 50NA 30 | 65 .500 |
| | 2N5042 | PS 211 | 39 | FSC | 40 | 40 | 5.0 | | .800 | A | 200J | | 100.000 | G | 50NA 30 | 75 .150 |
| | 2N5043 | PG 217 | 72 | TII | 15 | 7 | .3 | .030 | .030 | A | 125J | | 1500.000 | G | 6UA 10 | 53 .003 |
| | 2N5044 | PG 217 | 72 | TII | 15 | 7 | .3 | .030 | .030 | A | 125J | | 1500.000 | G | 6UA 10 | 53 .003 |
| - | 2N5048 | NS 561 | 61 | GEC | 60 | 50 | 14.0 | 10.000 | 100.000 | C | 175J | | 10.000 | G | 10MA 60 | 30 10.000 |
| - | 2N5049 | NS 561 | 61 | GEC | 120 | 100 | 14.0 | 10.000 | 100.000 | C | 175J | | 10.000 | G | 1MA 120 | 30 10.000 |
| | 2N5050 | NS 605 | 66 | MOT | 125 | 125 | 6.0 | 2.000 | 40.000 | C | 175J | | 10.000 | G | 500UA 125 | 50 .750 |
| | 2N5051 | NS 605 | 66 | MOT | 150 | 150 | 6.0 | 2.000 | 40.000 | C | 175J | | 10.000 | G | 500UA 150 | 50 .750 |
| | 2N5052 | NS 605 | 66 | MOT | 200 | 200 | 6.0 | 2.000 | 40.000 | C | 175J | | 10.000 | G | 500UA 200 | 50 .750 |
| | 2N5053 | NS 217 | 72 | AMP | 30 | 15 | 3.0 | .025 | .200 | A | 200J | | 1300.000 | G | 10NA 15 | 52 .025 |
| | 2N5054 | NS 217 | 72 | AMP | 30 | 15 | 3.0 | .025 | .200 | A | 200J | | 1500.000 | G | 10NA 15 | 52 .025 |
| | 2N5055 | PS 173 | 106 | FSC | 12 | 12 | 4.5 | .100 | .200 | A | 125J | | 550.000 | G | 50NA 10 | 55 .100 |
| | 2N5056 | PS 211 | 18 | FSC | 15 | 15 | 4.5 | .100 | .360 | A | 200J | | 600.000 | G | 50NA 10 | 55 .030 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) Cond. | | | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ $I_C$(A) | |
| | 2N5057 | PS 211 | 18 | FSC | 15 | 15 | 4.5 | .100 | .360 | A | 200J | 800.000 | G | 50NA | 10 | 65 | .030 |
| | 2N5058 | NS 211 | 5 | TII | 300 | 300 | 7.0 | .150 | 1.000 | A | 175J | 30.000 | G | 50NA | 100 | 73 | .030 |
| | 2N5059 | NS 211 | 5 | TII | 250 | 250 | 6.0 | .150 | 1.000 | A | 175J | 30.000 | G | 50NA | 100 | 68 | .030 |
| | 2N5065 | NS 211 K | | FSC | 25 | 15 | 4.0 | 1.000 | .600 | A | 200J | 500.000 | G | 8UA | 15 | 88 | .300 |
| | 2N5066 | NS 211 | 46 | CRY | 30 | 20 | 30.0 | .100 | .400 | A | 200J | 5.000 | G | 1NA | 30 | 6 | .001 |
| | 2N5067 | NS 605 | 3 | MOT,HUG | 40 | 40 | 5.0 | 5.000 | 87.500 | C | 200J | 4.000 | G | 1MA | 40 | 40 | 1.000 |
| | 2N5068 | NS 605 | 3 | MOT,HUG | 60 | 60 | 5.0 | 5.000 | 87.500 | C | 200J | 4.000 | G | 1MA | 60 | 40 | 1.000 |
| | 2N5069 | NS 605 | 3 | MOT,HUG | 80 | 80 | 5.0 | 5.000 | 87.500 | C | 200J | 4.000 | G | 1MA | 80 | 40 | 1.000 |
| | 2N5070 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5071 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5074 | NS 560 | 59 | SOL | 200 | 200 | 6.0 | 3.000 | 40.000 | H | 200J | 40.000 | G | 250NA | 200 | 58 | .500 |
| | 2N5075 | NS 560 | 59 | SOL | 200 | 200 | 6.0 | 3.000 | 40.000 | H | 200J | 40.000 | G | 250NA | 200 | 152 | .500 |
| | 2N5076 | NS 560 | 59 | SOL | 250 | 250 | 6.0 | 3.000 | 40.000 | H | 200J | 40.000 | G | 250NA | 250 | 58 | .500 |
| | 2N5077 | NS 560 | 59 | SOL | 250 | 250 | 6.0 | 3.000 | 40.000 | H | 200J | 40.000 | G | 250NA | 250 | 152 | .500 |
| | 2N5083 | NS 560 | 59 | FSC | 120 | 60 | 6.0 | 10.000 | 35.000 | C | 200J | 50.000 | G | 1MA | 120 | 70 | 2.000 |
| | 2N5084 | NS 560 | 59 | FSC | 120 | 60 | 6.0 | 10.000 | 35.000 | C | 200J | 80.000 | G | 1MA | 120 | 175 | 2.000 |
| | 2N5085 | NS 560 | 59 | FSC | 150 | 80 | 6.0 | 10.000 | 35.000 | C | 200J | 50.000 | G | 1MA | 150 | 70 | 2.000 |
| | 2N5086 | PS 41 | 92 | MOT | 50 | 50 | 3.0 | .050 | .310 | A | 135J | 40.000 | G | 50NA | 35 | 276 | .001 |
| | 2N5087 | PS 41 | 92 | MOT | 50 | 50 | 3.0 | .050 | .310 | A | 135J | 40.000 | G | 50NA | 35 | 450 | .001 |
| | 2N5088 | NS 41 | 92 | MOT | 35 | 30 | 4.5 | .050 | .310 | A | 135J | 50.000 | G | 50NA | 20 | 524 | .001 |
| | 2N5089 | NS 41 | 92 | MOT | 30 | 25 | 4.5 | .050 | .310 | A | 135J | 50.000 | G | 50NA | 15 | 700 | .001 |
| | 2N5090 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5092 | NS 211 | 5 | STC | 400 | 350 | 6.0 | 1.000 | 2.000 | H | 175A | 50.000 | G | 500NA | 300 | 75 | .100 |
| | 2N5095 | NS 211 | 5 | STC | 500 | 400 | 6.0 | 1.000 | 2.000 | H | 175A | 50.000 | G | 500NA | 400 | 75 | .100 |
| | 2N5097 | NS 211 | 5 | STC | 600 | 450 | 6.0 | 1.000 | 2.000 | H | 175A | 50.000 | G | 500NA | 500 | 75 | .100 |
| | 2N5098 | NS 211 | 5 | STC | 700 | 500 | 6.0 | 1.000 | 2.000 | H | 175A | 50.000 | G | 500NA | 550 | 75 | .100 |
| | 2N5099 | NS 211 | 5 | STC | 800 | 550 | 6.0 | 1.000 | 2.000 | H | 175A | 50.000 | G | 500NA | 630 | 75 | .100 |
| | 2N5101 | NS 635 B | | STC | 500 | 400 | 6.0 | 1.000 | 10.000 | H | 175A | 50.000 | G | 500NA | 400 | 75 | .100 |
| | 2N5102 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5106 | NS 210 | 39 | FSC | 60 | 30 | 5.0 | .500 | .800 | A | 200J | 250.000 | G | 10NA | 50 | 175 | .150 |
| | 2N5107 | NS 210 | 18 | FSC | 60 | 30 | 5.0 | .500 | .360 | A | 200J | 250.000 | G | 10NA | 50 | 175 | .150 |
| | 2N5108 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5108A | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5109 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| - | 2N5110 | PS 211 | 5 | STC | 40 | 40 | 10.0 | 1.000 | 5.000 | C | 175J | 1.000 | G | 100UA | 20 | 12 | 1.000 |
| - | 2N5111 | PS 211 | 5 | STC | 80 | 80 | 10.0 | 1.000 | 5.000 | C | 175J | 1.000 | G | 100UA | 40 | 12 | 1.000 |
| - | 2N5112 | PS 561 | 59 | STC | 40 | 40 | 10.0 | 1.000 | 34.000 | C | 175J | 1.000 | G | 100UA | 20 | 12 | 1.000 |
| - | 2N5113 | PS 561 | 59 | STC | 80 | 80 | 10.0 | 1.000 | 34.000 | C | 175J | 1.000 | G | 100UA | 40 | 12 | 1.000 |
| | 2N5126 | NS 173 | 106 | FSC,NSC | 20 | 20 | 3.0 | | .200 | A | 125J | 300.000 | G | 50NA | 10 | 70 | .004 |
| | 2N5127 | NS 173 | 106 | FSC,NSC | 20 | 12 | 3.0 | | .330 | A | 125J | 150.000 | G | 50NA | 10 | 70 | .015 |
| | 2N5128 | NS 173 | 105 | FSC,NSC | 15 | 12 | 3.0 | | .300 | A | 125J | 150.000 | G | 50NA | 10 | 75 | .005 |
| | 2N5129 | NS 173 | 106 | FSC,NSC | 15 | 12 | 3.0 | | .200 | A | 125J | 150.000 | G | 50NA | 10 | 75 | .050 |
| | 2N5130 | NS 173 | 106 | FSC,NSC | 30 | 12 | 1.0 | | .200 | A | 125J | 450.000 | G | 50NA | 10 | 50 | .008 |
| | 2N5131 | NS 173 | 106 | FSC,NSC | 20 | 15 | 3.0 | | .200 | A | 125J | 100.000 | G | 50NA | 10 | 150 | .010 |
| | 2N5132 | NS 173 | 106 | FSC,NSC | 20 | 20 | 3.0 | | .200 | A | 125J | 200.000 | G | 50NA | 10 | 130 | .010 |
| | 2N5133 | NS 173 | 106 | FSC,NSC | 20 | 18 | 3.0 | | .200 | A | 125J | 40.000 | G | 50NA | 15 | 220 | .001 |
| | 2N5134 | NS 173 | 106 | FSC | 20 | 10 | 3.5 | .100 | .200 | A | 125J | 400.000 | G | 400NA | 15 | 66 | .010 |
| | 2N5135 | NS 173 | 105 | FSC,NSC | 30 | 25 | 4.0 | | .300 | A | 125J | 40.000 | G | 300NA | 15 | 400 | .010 |
| | 2N5136 | NS 173 | 105 | FSC,NSC | 30 | 20 | 3.0 | | .300 | A | 125J | 40.000 | G | 100NA | 20 | 100 | .150 |
| | 2N5137 | NS 173 | 106 | FSC,NSC | 30 | 20 | 3.0 | | .220 | A | 125J | 40.000 | G | 100NA | 20 | 100 | .150 |
| | 2N5138 | PS 173 | 106 | FSC,NSC | 30 | 30 | 5.0 | | .200 | A | 125J | 30.000 | G | 10NA | 20 | 120 | .010 |
| | 2N5139 | PS 173 | 106 | FSC,NSC | 20 | 20 | 5.0 | .100 | .200 | A | 125J | 300.000 | G | 50NA | 15 | 150 | .010 |
| | 2N5140 | PS 173 | 106 | FSC | 5 | 5 | 4.0 | .050 | .200 | A | 125J | 400.000 | G | 50NA | 3 | 50 | .010 |
| | 2N5141 | PS 173 | 106 | FSC | 6 | 6 | 6.0 | .100 | .200 | A | 125J | 300.000 | G | 100NA | 4 | 55 | .100 |
| | 2N5142 | PS 173 | 105 | FSC,NSC | 20 | 20 | 4.0 | .500 | .300 | A | 125J | 100.000 | G | 35NA | 12 | 50 | .300 |
| | 2N5143 | PS 173 | 106 | FSC,NSC | 20 | 20 | 4.0 | .500 | .200 | A | 125J | 100.000 | G | 35NA | 12 | 50 | .300 |
| | 2N5144 | NS 211 | 18 | FSC | 50 | 30 | 6.0 | .500 | .360 | A | 200J | 300.000 | G | 250NA | 40 | 90 | .100 |
| | 2N5145 | NS 211 | 39 | FSC | 50 | 30 | 6.0 | .500 | .800 | A | 200J | 300.000 | G | 250NA | 40 | 90 | .100 |
| | 2N5147 | PS 211 | 39 | FSC,HUG,SOL | 100 | 80 | 5.5 | 2.000 | 1.000 | A | 200J | 50.000 | G | 1MA | 100 | 52 | 1.000 |
| | 2N5148 | NS 211 | 39 | FSC,SOL,HUG | | 100S | 6.0 | 2.000 | 1.000 | A | 200J | 50.000 | G | 1UA | 60 | 63 | 1.000 |
| | 2N5149 | PS 211 | 39 | FSC,SOL | 100 | 80 | 5.5 | 2.000 | 1.000 | A | 200J | 60.000 | G | 1MA | 100 | 120 | 1.000 |
| | 2N5150 | NS 211 | 39 | FSC,SOL,HUG | | 100S | 6.0 | 2.000 | 1.000 | A | 200J | 60.000 | G | 1UA | 60 | 110 | 1.000 |
| | 2N5151 | PS 211 | 39 | FSC,HUG,SOL | | 100S | 5.5 | 5.000 | 1.000 | A | 200J | 60.000 | G | 1UA | 60 | 50 | 2.500 |
| | 2N5152 | NS 211 | 39 | FSC,SOL,HUG | | 100S | 6.0 | 5.000 | 1.000 | A | 200J | 60.000 | G | 1UA | 60 | 64 | 2.500 |
| | 2N5153 | PS 211 | 39 | FSC,HUG,SOL | | 100S | 5.5 | 5.000 | 1.000 | A | 200J | 70.000 | G | 1UA | 60 | 114 | 2.500 |
| | 2N5154 | NS 211 | 39 | FSC,SOL,HUG | | 100S | 6.0 | 5.000 | 1.000 | A | 200J | 70.000 | G | 1UA | 60 | 114 | 2.500 |
| | 2N5155 | PG 605 | 3 | DEL,MOT,SOL | 140 | 120 | 1.5 | 25.000 | 106.000 | C | 110J | .190 | G | 10MA | 140 | 50 | 8.000 |
| | 2N5156 | PG 605 | 3 | DEL,SOL,MOT | 100 | 60 | 60.0 | 10.000 | | | | .320 | G | 4MA | 100 | 40 | 5.000 |
| | 2N5157 | NS 605 | 3 | DEL,SOL | | 500 | 5.0 | 3.500 | | | | 4.000 | G | 250UA | 500 | 52 | 1.000 |
| | 2N5160 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5161 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5162 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5172 | NS 45 | 98 | GEC,SPR | 25 | 25 | 5.0 | .100 | .200 | A | 100J | 120.000 | G | 100NA | 25 | 224 | .010 |
| | 2N5174 | NS 45 | 98 | GEC | 90 | 75 | 5.0 | .025 | .200 | A | 100J | | | 500NA | 60 | 190 | .010 |
| | 2N5175 | NS 45 | 98 | GEC | 130 | 100 | 5.0 | .025 | .200 | A | 100J | | | 500NA | 60 | 96 | .010 |
| | 2N5176 | NS 45 | 98 | GEC | 130 | 100 | 5.0 | .025 | .200 | A | 100J | | | 500NA | 60 | 214 | .010 |
| | 2N5179 | NS 217 | 72 | RCA,MOT | 20 | 12 | 2.5 | .050 | .200 | A | 200J | 1000.000 | G | 25NA | 15 | 70 | .003 |
| | 2N5180 | NS 218 | 104 | RCA | 30 | 15 | 2.0 | | .180 | A | 175J | 650.000 | G | 25NA | 1 | 70 | .002 |
| | 2N5181 | NS 218 | 104 | RCA | 45 | | 3.0 | .050 | .180 | A | 175J | 700.000 | G | 1UA | 45 | 96 | .001 |
| | 2N5182 | NS 218 | 104 | RCA | 45 | | 3.0 | .004 | .180 | A | 175J | 700.000 | G | 1UA | 45 | 96 | .001 |
| | 2N5183 | NS 211 | 104 | RCA | 18 | 18 | 7.0 | 1.000 | .500 | A | 175J | 125.000 | G | 500NA | 12 | 150 | .010 |
| | 2N5184 | NS 211 | 104 | RCA | | 120 | 5.0 | .050 | .500 | A | 175J | 30.000 | G | 100NA | 120 | 56 | .010 |
| | 2N5185 | NS 211 M | | RCA | | 120 | 5.0 | .050 | 1.000 | A | 175J | 30.000 | G | 100NA | 120 | 56 | .050 |
| | 2N5186 | NS 211 | 52 | RCA | 10 | | 3.0 | .300 | .300 | A | 200J | 400.000 | G | 50NA | 5 | 50 | .010 |
| | 2N5187 | NS 211 | 52 | RCA | 25 | 10 | 5.0 | .500 | .300 | A | 200J | 400.000 | G | 450NA | 20 | 50 | .030 |
| | 2N5188 | NS 211 | 39 | RCA | 60 | 25 | 5.0 | | .800 | A | 200J | 325.000 | G | 500NA | 30 | 40 | .500 |
| | 2N5189 | NS 211 Q | | RCA | 60 | 35 | 5.0 | | .800 | A | 200J | 250.000 | G | 500NA | 30 | 16 | .100 |
| | 2N5190 | NS 48 A | | MOT | 40 | 40 | | 4.000 | 40.000 | C | 150J | 2.000 | G | 100UA | 40 | 50 | 1.500 |
| | 2N5191 | NS 48 A | | MOT | 60 | 60 | | 4.000 | 40.000 | C | 150J | 2.000 | G | 100UA | 60 | 50 | 1.500 |
| | 2N5192 | NS 48 A | | MOT | 80 | 80 | | 4.000 | 40.000 | C | 150J | 2.000 | G | 100UA | 80 | 40 | 1.500 |
| | 2N5193 | PS 48 A | | MOT | 40 | 40 | | 4.000 | 40.000 | C | 150J | 2.000 | G | 100UA | 40 | 50 | 1.500 |
| | 2N5194 | PS 48 A | | MOT | 60 | 60 | | 4.000 | 40.000 | C | 150J | 2.000 | G | 100UA | 60 | 50 | 1.500 |
| | 2N5195 | PS 48 A | | MOT | 80 | 80 | | 4.000 | 40.000 | C | 150J | 2.000 | G | 100UA | 80 | 40 | 1.500 |
| | 2N5200 | NS 211 | 46 | FSC | 20 | 20 | 4.5 | | .300 | A | 200J | 1100.000 | G | 10NA | 10 | 88 | .010 |
| | 2N5201 | NS 211 | 46 | FSC | 20 | 20 | 4.5 | | .300 | A | 200J | 1100.000 | G | 10NA | 10 | 88 | .010 |
| | 2N5202 | NS 605 | 66 | RCA,WHE | 120 | 75R | 7.0 | 4.000 | 35.000 | C | 200J | 60.000 | G | 10MA | 100 | 35 | 4.000 |
| | 2N5208 | PS 41 | 92 | MOT | 30 | 25 | 3.0 | .050 | .310 | A | 135J | 300.000 | G | 10NA | 10 | 50 | .002 |
| | 2N5209 | NS 41 | 92 | MOT | 50 | 50 | 4.5 | .050 | .310 | A | 135J | 30.000 | G | 50NA | 35 | 175 | .001 |
| | 2N5210 | NS 41 | 92 | MOT | 50 | 50 | 4.5 | .050 | .310 | A | 135J | 30.000 | G | 50NA | 35 | 350 | .001 |
| | 2N5214 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5215 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5216 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5217 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5218 | NS 561 | 61 | SOL,HUG | 220 | 200 | 8.0 | 10.000 | 50.000 | C | 200C | 40.000 | G | 500NA | 100 | 45 | 5.000 |
| | 2N5219 | NS 41 | 92 | MOT | 20 | 15 | 3.0 | .100 | .310 | A | 135C | 150.000 | G | 100NA | 10 | 160 | .002 |
| | 2N5220 | NS 41 | 92 | MOT | 15 | 15 | 3.0 | .500 | .310 | A | 135C | 100.000 | G | 100NA | 10 | 180 | .050 |
| | 2N5221 | PS 41 | 92 | MOT | 15 | 15 | 3.0 | .500 | .310 | A | 135C | 100.000 | G | 100NA | 10 | 180 | .050 |
| | 2N5222 | NS 41 | 92 | MOT | 20 | 15 | 2.0 | .050 | .310 | A | 135C | 450.000 | G | 100NA | 10 | 395 | .004 |
| | 2N5223 | NS 41 | 92 | MOT | 25 | 20 | 3.0 | .100 | .310 | A | 135C | 150.000 | G | 100NA | 10 | 250 | .010 |
| | 2N5224 | NS 41 | 92 | MOT | 25 | 12 | 3.0 | .100 | .310 | A | 135C | 250.000 | G | 500NA | 15 | 140 | .010 |
| | 2N5225 | NS 41 | 92 | MOT | 25 | 25 | 4.0 | .500 | .310 | A | 135C | 50.000 | G | 300NA | 15 | 180 | .050 |
| | 2N5226 | PS 41 | 92 | MOT | 25 | 25 | 4.0 | .500 | .310 | A | 135C | 50.000 | G | 300NA | 15 | 180 | .050 |
| | 2N5227 | NS 41 | 92 | MOT | 30 | 30 | 3.0 | .050 | .310 | A | 135C | 100.000 | G | 100NA | 10 | 425 | .002 |
| | 2N5228 | PS 41 | 92 | MOT | 5 | 5 | 3.0 | .050 | .310 | A | 135C | | G | 100NA | 4 | 45 | .010 |
| | 2N5229 | PS 210 | 46 | MOT | 15 | 10 | 15.0 | .050 | .500 | A | 200J | 8.000 | G | 1NA | 12 | 75 | .001 |
| | 2N5230 | PS 210 | 46 | MOT | 30 | 20 | 30.0 | .050 | .500 | A | 200J | 8.000 | G | 1NA | 25 | 75 | .001 |
| | 2N5231 | PS 210 | 46 | MOT | 50 | 30 | 50.0 | .050 | .500 | A | 200J | 8.000 | G | 1NA | 40 | 75 | .001 |
| | 2N5232 | NS 45 | 98 | GEC,SPR | 70 | 50 | 5.0 | .100 | .330 | A | 125J | AUD | | 30NA | 50 | 375 | .002 |
| | 2N5232A | NS 45 | 98 | GEC,SPR | 70 | 50 | 5.0 | .100 | .330 | A | 125J | AUD | | 30NA | 50 | 375 | .002 |
| | 2N5236 | NS 211 | 39 | FSC | 40 | 20 | 4.0 | | .600 | A | 200J | 500.000 | G | 1NA | 20 | 50 | .050 |
| | 2N5237 | NS 211 | 5 | SOL | 150 | 120 | 5.0 | 5.000 | 5.000 | H | 200J | 25.000 | G | 10UA | 150 | 70 | 5.000 |
| | 2N5238 | NS 211 | 5 | SOL | 200 | 170 | 5.0 | 5.000 | 5.000 | H | 200J | 25.000 | G | 10UA | 200 | 70 | 5.000 |
| | 2N5239 | NS 605 | 3 | RCA | 330 | 225 | 6.0 | 5.000 | 100.000 | C | 200J | 5.000 | G | 4MA | 300 | 40 | .400 |
| | 2N5240 | NS 605 | 3 | RCA | 375 | 300 | 6.0 | 5.000 | 100.000 | C | 200J | 5.000 | G | 2MA | 375 | 40 | .400 |
| | 2N5241 | NS 605 | 3 | DEL,SOL | | 400 | 5.0 | 5.000 | | | | 4.000 | G | 3MA | 400 | 24 | 2.500 |
| | 2N5242 | PS 173 | 105 | FSC | 20 | 20 | 5.0 | 1.000 | .500 | A | 125J | 170.000 | G | 100NA | 10 | 50 | .500 |
| | 2N5243 | PS 173 | 105 | FSC | 30 | 30 | 5.0 | 1.000 | .500 | A | 125J | 170.000 | G | 100NA | 10 | 45 | .500 |
| | 2N5244 | PS 211 | 18 | FSC | 40 | 40 | 5.0 | .100 | .360 | A | 200J | 450.000 | G | 15NA | 30 | 225 | .010 |
| | 2N5249 | NS 45 | 98 | GEC | 70 | 50 | 5.0 | .100 | .330 | A | 125J | 1.200 | G | 30NA | 50 | 600 | .002 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Cutoff | Gain |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) Cond. | Temp. (°C) Cond. | Condition | $I_{CBO}$ @ $V_{CB}$ | $h_{FE}$ @ $I_C$(A) |
| | 2N5249A | NS 45 | 98 | GEC | 70 | 50 | 5.0 | .100 | .330 A | 125J | 1.200 G | 30NA 50 | 600 .002 |
| | 2N5250 | NS 563 | 114 | TEC, SOL, HUG | 125 | 100 | 8.0 | | 200.000 C | | 15.000 G | 100UA 125 | 30 40.000 |
| | 2N5251 | NS 563 | 114 | TEC, SOL | 180 | 150 | 8.0 | | 200.000 C | | 15.000 G | 100UA 180 | 30 40.000 |
| | 2N5262 | NS 211 | 39 | RCA | 75 | 50 | 5.0 | 2.000 | 1.000 A | 200J | 250.000 G | 10UA 60 | 65 .500 |
| | 2N5263 | NS 890 A | | AMP | | 15 | | .025 | .360 A | 150A | 1000.000 G | | 53 |
| | 2N5264 | NS 605 | 3 | FSC | 400 | 180 | 5.0 | 10.000 | 87.000 C | 200J | 50.000 G | 1MA 400 | 105 1.000 |
| | 2N5284 | NS 560 | 59 | FSC, SOL | | 120S | 6.0 | 5.000 | 50.000 C | 200J | 60.000 G | 1UA 80 | 64 2.500 |
| | 2N5285 | NS 560 | 59 | FSC, SOL | | 120S | 6.0 | 5.000 | 50.000 C | 200J | 70.000 G | 1UA 80 | 114 2.500 |
| | 2N5286 | PS 560 | 59 | FSC, SOL | | 100S | 5.5 | 5.000 | 50.000 C | 200J | 60.000 G | 1UA 80 | 50 2.500 |
| | 2N5287 | PS 560 | 59 | FSC, SOL | | 100S | 5.5 | 5.000 | 50.000 C | 200J | 70.000 G | 1UA 80 | 114 2.500 |
| | 2N5288 | NS 560 | 61 | FSC, SOL | | 120S | 6.0 | 10.000 | 100.000 C | 200J | 30.000 G | 1MA 120 | 52 5.000 |
| | 2N5289 | NS 560 | 61 | FSC, SOL | | 120S | 6.0 | 10.000 | 100.000 C | 200J | 40.000 G | 1MA 120 | 120 5.000 |
| | 2N5290 | PS 560 | 61 | FSC, SOL | | 100S | 5.5 | 10.000 | 100.000 C | 200J | 30.000 G | 1MA 100 | 52 5.000 |
| | 2N5291 | PS 560 | 61 | FSC, SOL | | 100S | 5.5 | 10.000 | 100.000 C | 200J | 40.000 G | 1MA 100 | 120 5.000 |
| | 2N5292 | PS 211 | 18 | FSC | 12 | 12S | 4.5 | .100 | .360 A | 200J | 800.000 G | 10NA 10 | 65 .030 |
| | 2N5293 | NS 53 A | | RCA | 80 | 70 | 7.0 | 4.000 | 36.000 C | 150J | .800 G | 500UA 65 | 60 .500 |
| | 2N5294 | NS 54 A | | RCA | 80 | 70 | 7.0 | 4.000 | 36.000 C | 150J | .800 G | 2MA 35 | 60 .500 |
| | 2N5295 | NS 53 A | | RCA | 60 | 40 | 5.0 | 4.000 | 36.000 C | 150J | .800 G | 500UA 65 | 60 1.000 |
| | 2N5296 | NS 54 A | | RCA | 60 | 40 | 5.0 | 4.000 | 36.000 C | 150J | .800 G | 500UA 65 | 60 1.000 |
| | 2N5297 | NS 53 A | | RCA | 80 | 60 | 5.0 | 4.000 | 36.000 C | 150J | .800 G | 2MA 35 | 40 1.500 |
| | 2N5298 | NS 54 A | | RCA | 80 | 60 | 5.0 | 4.000 | 36.000 C | 150J | .800 G | 500UA 65 | 40 1.500 |
| | 2N5301 | NS 605 | 3 | MOT, TII, TIL | 40 | 40 | 5.0 | 30.000 | 200.000 C | 200J | 2.000 G | 1MA 40 | 30 15.000 |
| | 2N5302 | NS 605 | 3 | MOT, TII, TIL | 60 | 60 | 5.0 | 30.000 | 200.000 C | 200J | 2.000 G | 1MA 60 | 30 15.000 |
| | 2N5303 | NS 605 | 3 | MOT, TII, TIL | 80 | 80 | 5.0 | 30.000 | 200.000 C | 200J | 2.000 G | 1MA 80 | 30 10.000 |
| | 2N5304 | NS 561 | 61 | MOT | 50 | 40 | 6.0 | 10.000 | 25.000 C | 200J | 100.000 G | 10UA 50 | 50 5.000 |
| | 2N5309 | NS 45 | 98 | GEC | 70 | 50 | 5.0 | .100 | .360 A | 125J | 1.000 G | 10NA 50 | 90 .001 |
| | 2N5310 | NS 45 | 98 | GEC | 70 | 50 | 5.0 | .100 | .360 A | 125J | 1.000 G | 10NA 50 | 175 .001 |
| | 2N5312 | PS 560 | 61 | SOL, HUG | 80 | 80 | 6.0 | 10.000 | 50.000 H | 200J | 30.000 G | 10UA 80 | 52 10.000 |
| | 2N5313 | NS 560 | 61 | SOL | 80 | 80 | 6.0 | 20.000 | 50.000 H | 200J | 30.000 G | 10UA 80 | 52 10.000 |
| | 2N5314 | PS 560 | 61 | SOL, HUG | 100 | 100 | 6.0 | 10.000 | 50.000 H | 200J | 30.000 G | 10UA 100 | 52 10.000 |
| | 2N5315 | NS 560 | 61 | SOL | 100 | 100 | 6.0 | 20.000 | 50.000 H | 200J | 30.000 G | 10UA 100 | 52 10.000 |
| | 2N5316 | PS 560 | 61 | SOL, HUG | 80 | 80 | 6.0 | 10.000 | 50.000 H | 200J | 30.000 G | 100UA 80 | 52 5.000 |
| | 2N5317 | NS 560 | 61 | SOL | 80 | 80 | 6.0 | 10.000 | 50.000 H | 200J | 30.000 G | 10UA 80 | 52 5.000 |
| | 2N5318 | PS 560 | 61 | SOL, HUG | 100 | 100 | 6.0 | 10.000 | 50.000 H | 200J | 30.000 G | 10UA 100 | 52 5.000 |
| | 2N5319 | NS 560 | 61 | SOL | 100 | 100 | 6.0 | 10.000 | 50.000 H | 200J | 30.000 G | 10UA 100 | 52 5.000 |
| | 2N5320 | NS 211 | 5 | RCA | 100 | 75 | 7.0 | 2.000 | 10.000 C | 200J | 50.000 G | 500NA 80 | 72 .500 |
| | 2N5321 | NS 211 | 5 | RCA | 100 | 75 | 7.0 | 2.000 | 10.000 C | 200J | 50.000 G | 5UA 60 | 100 .500 |
| | 2N5322 | PS 211 | 5 | RCA | 75 | 50 | 5.0 | 2.000 | 10.000 C | 200J | 50.000 G | 500NA 80 | 72 .500 |
| | 2N5323 | PS 211 | 5 | RCA | 75 | 50 | 5.0 | 2.000 | 10.000 C | 200J | 50.000 G | 5UA 60 | 100 .500 |
| | 2N5324 | PG 605 | 3 | MOT | 250 | 150 | 4.0 | 10.000 | 56.000 C | 110J | 2.000 G | 7MA 250 | 35 5.000 |
| | 2N5325 | PG 605 | 3 | MOT | 325 | 200 | 4.0 | 10.000 | 56.000 C | 110J | 2.000 G | 7MA 325 | 35 5.000 |
| | 2N5326 | NS 560 | 59 | TRW | 100 | 80 | 6.0 | 5.000 | 20.000 H | 200J | 80.000 G | 1UA 90 | 88 1.000 |
| | 2N5327 | NS 210 | 5 | TRW, SOL | 100 | 80 | 5.0 | 10.000 | 5.000 H | 200J | 100.000 G | 100UA 90 | 88 5.000 |
| | 2N5328 | NS 560 | 59 | TRW | 100 | 80 | 5.0 | 10.000 | 30.000 H | 200J | 100.000 G | 100UA 90 | 88 5.000 |
| | 2N5329 | NS 560 | 61 | TRW, SOL | 150 | 90 | 8.0 | 20.000 | 65.000 H | 200J | 80.000 G | 5MA 150 | 70 10.000 |
| | 2N5330 | NS 560 | 61 | TRW | 150 | 90 | 8.0 | 30.000 | 80.000 H | 200J | 80.000 G | 10MA 150 | 70 10.000 |
| | 2N5331 | NS 561 | 63 | TRW, SOL | 150 | 90 | 8.0 | 30.000 | 100.000 H | 200J | 80.000 G | 10MA 150 | 70 10.000 |
| | 2N5332 | PS 211 | 46 | TII | 20 | 12 | 2.0 | .100 | .360 A | 200S | 600.000 G | 10NA 15 | 40 .010 |
| | 2N5333 | PS 211 | 5 | TII, TIL, SOL | 100 | 80 | 6.0 | 2.000 | 1.000 A | 200J | 30.000 G | 10UA 90 | 60 1.000 |
| | 2N5334 | NS 210 | 39 | MOT | 60 | 60 | 8.0 | 3.000 | 6.000 C | 200J | 60.000 G | 5UA 60 | 68 1.000 |
| | 2N5335 | NS 210 | 39 | MOT | 80 | 80 | 8.0 | 3.000 | 6.000 C | 200J | 60.000 G | 5UA 80 | 68 1.000 |
| | 2N5336 | NS 210 | 39 | MOT | 80 | 80 | 6.0 | 5.000 | 6.000 C | 200J | 30.000 G | 10UA 80 | 60 2.000 |
| | 2N5337 | NS 210 | 39 | MOT | 80 | 80 | 6.0 | 5.000 | 6.000 C | 200J | 30.000 G | 10UA 80 | 120 2.000 |
| | 2N5338 | NS 210 | 39 | MOT | 100 | 100 | 6.0 | 5.000 | 6.000 C | 200J | 30.000 G | 10UA 100 | 60 2.000 |
| | 2N5339 | NS 210 | 39 | MOT | 100 | 100 | 6.0 | 5.000 | 6.000 C | 200J | 30.000 G | 10UA 100 | 120 2.000 |
| | 2N5344 | PS 605 | 66 | MOT | 250 | 250 | 5.0 | 1.000 | 40.000 C | 200J | 60.000 G | 100UA 250 | 50 .500 |
| | 2N5345 | PS 605 | 66 | MOT | 300 | 300 | 5.0 | 1.000 | 40.000 C | 200J | 60.000 G | 100UA 300 | 50 .500 |
| | 2N5346 | NS 560 | 59 | MOT | 80 | 80 | 6.0 | 7.000 | 60.000 C | 200J | 30.000 G | 10UA 80 | 70 2.000 |
| | 2N5347 | NS 560 | 59 | MOT | 80 | 80 | 6.0 | 7.000 | 60.000 C | 200J | 30.000 G | 10UA 80 | 70 2.000 |
| | 2N5348 | NS 560 | 59 | MOT | 100 | 100 | 6.0 | 7.000 | 60.000 C | 200J | 30.000 G | 10UA 100 | 155 2.000 |
| | 2N5349 | NS 560 | 59 | MOT | 100 | 100 | 6.0 | 7.000 | 60.000 C | 200J | 30.000 G | 10UA 100 | 155 2.000 |
| | 2N5354 | PS 45 | 98 | GEC, SPR | 25 | 25 | 4.0 | .300 | .360 A | 125J | 250.000 G | 100NA 25 | 70 .050 |
| | 2N5355 | PS 45 | 98 | GEC, SPR | 25 | 25 | 4.0 | .300 | .360 A | 125J | 250.000 G | 100NA 25 | 175 .050 |
| | 2N5356 | PS 45 | 98 | GEC, SPR | 25 | 25 | 4.0 | .300 | .360 A | 125J | 250.000 G | 100NA 25 | 375 .050 |
| | 2N5357 | PS 631 | 37 | MOT | 300 | 300 | 4.0 | 3.000 | 30.000 H | 200J | 50.000 G | 10UA 300 | 50 .500 |
| | 2N5365 | PS 45 | 98 | GEC, SPR | 40 | 40 | 4.0 | .300 | .360 A | 125J | 250.000 G | 100NA 40 | 70 .050 |
| | 2N5366 | PS 45 | 98 | GEC, SPR | 40 | 40 | 4.0 | .300 | .360 A | 125J | 250.000 G | 100NA 40 | 175 .050 |
| | 2N5367 | PS 45 | 98 | GEC, SPR | 40 | 40 | 4.0 | .300 | .360 A | 125J | 250.000 G | 100NA 40 | 375 .050 |
| | 2N5368 | NS 168 A | | SPR | 60 | 30 | 5.0 | .500 | .360 A | 150J | 250.000 G | 50NA 40 | 110 .150 |
| | 2N5369 | NS 168 A | | SPR | 60 | 30 | 5.0 | .500 | .360 A | 150J | 250.000 G | 50NA 40 | 175 .150 |
| | 2N5370 | NS 168 A | | SPR | 60 | 30 | 5.0 | .500 | .360 A | 150J | 250.000 G | 50NA 40 | 350 .150 |
| | 2N5371 | NS 168 A | | SPR | 40 | 30 | 5.0 | .500 | .360 A | 150J | 250.000 G | 50NA 30 | 210 .150 |
| | 2N5372 | PS 168 A | | SPR | 60 | 30 | 5.0 | .500 | .360 A | 150J | 150.000 G | 50NA 40 | 70 .150 |
| | 2N5373 | PS 168 A | | SPR | 60 | 30 | 5.0 | .500 | .360 A | 150J | 150.000 G | 50NA 40 | 175 .150 |
| | 2N5374 | PS 168 A | | SPR | 60 | 30 | 5.0 | .500 | .360 A | 150J | 150.000 G | 50NA 40 | 300 .150 |
| | 2N5375 | PS 168 A | | SPR | 40 | 30 | 5.0 | .500 | .360 A | 150J | 150.000 G | 50NA 30 | 140 .150 |
| | 2N5376 | NS 168 A | | SPR | 60 | 30 | 5.0 | .500 | .360 A | 150J | 300.000 G | 10NA 30 | 270 .001 |
| | 2N5377 | NS 168 A | | SPR | 60 | 30 | 5.0 | .500 | .360 A | 150J | 300.000 G | 10NA 30 | 225 .001 |
| | 2N5378 | PS 168 A | | SPR | 40 | 30 | 5.0 | .500 | .360 A | 150J | 200.000 G | 10NA 30 | 270 .001 |
| | 2N5379 | PS 168 A | | SPR | 40 | 30 | 5.0 | .500 | .360 A | 150J | 200.000 G | 10NA 30 | 225 .001 |
| | 2N5380 | NS 168 B | | SPR | 60 | 40 | 6.0 | .200 | .360 A | 150J | 250.000 G | 50NA 30 | 88 .010 |
| | 2N5381 | NS 168 B | | SPR | 60 | 40 | 6.0 | .200 | .360 A | 150J | 300.000 G | 50NA 30 | 175 .010 |
| | 2N5382 | PS 168 B | | SPR | 40 | 40 | 5.0 | .200 | .360 A | 150J | 200.000 G | 50NA 30 | 88 .010 |
| | 2N5383 | PS 168 B | | SPR | 40 | 40 | 5.0 | .200 | .360 A | 150J | 250.000 G | 50NA 30 | 175 .010 |
| | 2N5384 | PS 568 | 111 | TII, TIL, SOL | 100 | 80 | 6.0 | 5.000 | 30.000 H | 200J | 30.000 G | 10UA 90 | 40 2.000 |
| | 2N5385 | PS 581 | 111 | TII, SOL, TIL | 100 | 80 | 6.0 | 5.000 | 30.000 H | 200J | 30.000 G | 10UA 90 | 40 2.000 |
| | 2N5386 | PS 541 | 61 | TII, SOL, TIL | 100 | 80 | 6.0 | 12.000 | 50.000 H | 200J | 30.000 G | 10UA 90 | 40 6.000 |
| | 2N5387 | NS 541 | 61 | TII, SOL, TIL | 200 | 200 | 7.5 | 7.500 | 100.000 H | 200J | 15.000 G | 1MA 200 | 50 2.000 |
| | 2N5388 | NS 541 | 61 | TII, SOL, TIL | 250 | 250 | 7.5 | 7.500 | 100.000 H | 200J | 15.000 G | 1MA 250 | 50 2.000 |
| | 2N5389 | NS 541 | 61 | TII, SOL, TIL | 300 | 300 | 7.5 | 7.500 | 100.000 H | 200J | 15.000 G | 1MA 300 | 50 2.000 |
| | 2N5399 | NS 211 | 46 | TII | 25 | 15 | 2.0 | .100 | .360 A | 200S | 600.000 G | 10NA 15 | 75 .020 |
| | 2N5400 | PS 41 | 92 | MOT | 130 | 120 | 5.0 | .600 | .310 A | 135A | 100.000 G | 100NA 100 | 85 .010 |
| | 2N5401 | PS 41 | 92 | MOT | 160 | 150 | 5.0 | .600 | .310 A | 135A | 100.000 G | 50NA 120 | 120 .010 |
| | 2N5404 | PS 211 | 5 | SOL, HUG | 80 | 80 | 6.0 | 5.000 | 5.000 C | 200J | 40.000 G | 10UA 80 | 35 2.000 |
| | 2N5405 | PS 211 | 5 | SOL, HUG | 100 | 100 | 6.0 | 5.000 | 5.000 C | 200J | 40.000 G | 10UA 100 | 35 2.000 |
| | 2N5406 | PS 211 | 5 | SOL, HUG | 80 | 80 | 6.0 | 5.000 | 5.000 C | 200J | 40.000 G | 10UA 80 | 70 2.000 |
| | 2N5407 | PS 211 | 5 | SOL, HUG | 100 | 100 | 6.0 | 5.000 | 5.000 C | 200J | 40.000 G | 10UA 100 | 70 2.000 |
| | 2N5408 | PS 568 | 111 | SOL, HUG | 80 | 80 | 6.0 | 5.000 | 30.000 H | 200J | 40.000 G | 10UA 80 | 35 2.000 |
| | 2N5409 | PS 568 | 111 | SOL, HUG | 100 | 100 | 6.0 | 5.000 | 30.000 H | 200J | 40.000 G | 10UA 100 | 35 2.000 |
| | 2N5410 | PS 568 | 111 | SOL, HUG | 80 | 80 | 6.0 | 5.000 | 30.000 H | 200J | 40.000 G | 10UA 80 | 70 2.000 |
| | 2N5411 | PS 568 | 111 | SOL, HUG | 100 | 100 | 6.0 | 5.000 | 30.000 H | 200J | 40.000 G | 10UA 100 | 70 2.000 |
| | 2N5412 | NS 561 | 61 | SOL | 80 | 60 | 7.0 | 15.000 | 100.000 C | 200J | 60.000 G | 1MA 80 | 80 2.000 |
| | 2N5413 | NS 211 | 39 | TIL | 60 | 40 | 6.0 | 2.000 | 5.000 C | 200S | 250.000 G | 1UA 40 | 50 2.000 |
| | 2N5414 | NS 211 | 39 | TIL | 80 | 50 | 6.0 | 2.000 | 5.000 C | 200S | 250.000 G | 1UA 40 | 50 2.000 |
| | 2N5415 | PS 211 | 5 | RCA | | 200 | 4.0 | 1.000 | 1.000 A | 200J | 15.000 G | 50UA 150 | 68 .050 |
| | 2N5416 | PS 211 | 5 | RCA | 350 | 300 | 6.0 | 1.000 | 1.000 A | 200J | 15.000 G | 50UA 250 | 60 .050 |
| | 2N5417 | NS 211 | 39 | TII | 40 | 35 | 3.0 | .500 | .500 A | 200J | 250.000 G | 10NA 30 | 140 .150 |
| | 2N5418 | NS 45 | 98 | GEC | 25 | 25 | 5.0 | .500 | .400 A | 125J | 250.000 G | 100NA 25 | 70 .050 |
| | 2N5419 | NS 45 | 98 | GEC | 25 | 25 | 5.0 | .500 | .400 A | 125J | 250.000 G | 100NA 25 | 175 .050 |
| | 2N5420 | NS 45 | 98 | GEC | 25 | 25 | 5.0 | .500 | .400 A | 125J | 250.000 G | 100NA 25 | 375 .050 |
| | 2N5421 | | | SEE RF POWER SECTION | | | | | | | | | |
| | 2N5422 | | | SEE RF POWER SECTION | | | | | | | | | |
| | 2N5423 | | | SEE RF POWER SECTION | | | | | | | | | |
| | 2N5424 | | | SEE RF POWER SECTION | | | | | | | | | |
| | 2N5424A | | | SEE RF POWER SECTION | | | | | | | | | |
| | 2N5427 | NS 605 | 66 | MOT, SOL | 80 | 80 | 6.0 | 7.000 | 40.000 C | 200J | 30.000 G | 10UA 80 | 60 2.000 |
| | 2N5428 | NS 605 | 66 | MOT, SOL | 80 | 80 | 6.0 | 7.000 | 40.000 C | 200J | 30.000 G | 10UA 80 | 120 2.000 |
| | 2N5429 | NS 605 | 66 | MOT, SOL | 100 | 100 | 6.0 | 7.000 | 40.000 C | 200J | 30.000 G | 10UA 100 | 60 2.000 |
| | 2N5430 | NS 605 | 66 | MOT, SOL | 100 | 100 | 6.0 | 7.000 | 40.000 C | 200J | 30.000 G | 10UA 100 | 120 2.000 |
| | 2N5435 | PG 605 | 3 | MOT | 80 | 60 | 2.5 | 60.000 | 120.000 C | 110J | .350 G | 10MA 80 | 35 25.000 |
| | 2N5436 | PG 605 | 3 | MOT | 110 | 90 | 2.5 | 60.000 | 120.000 C | 110J | .350 G | 10MA 110 | 35 25.000 |
| | 2N5437 | PG 605 | 3 | MOT | 140 | 120 | 2.5 | 60.000 | 120.000 C | 110J | .350 G | 10MA 140 | 35 25.000 |
| | 2N5438 | PG 605 | 3 | MOT | 80 | 60 | 2.5 | 60.000 | 120.000 C | 110J | .350 G | 10MA 80 | 70 25.000 |
| | 2N5439 | PG 605 | 3 | MOT | 110 | 90 | 2.5 | 60.000 | 120.000 C | 110J | .350 G | 10MA 110 | 70 25.000 |
| | 2N5440 | PG 605 | 3 | MOT | 140 | 120 | 2.5 | 60.000 | 120.000 C | 110J | .350 G | 10MA 140 | 70 25.000 |
| | 2N5447 | PS 168 A | | TII | 40 | 25 | 5.0 | .200 | .360 A | 150J | 500.000 G | 100NA 20 | 135 .050 |
| | 2N5448 | PS 168 A | | TII | 50 | 30 | 5.0 | .200 | .360 A | 150J | 500.000 G | 100NA 20 | 68 .050 |
| | 2N5449 | NS 168 A | | TII | 50 | 30 | 5.0 | .800 | .360 A | 150J | 100.000 G | 100NA 20 | 175 .050 |
| | 2N5450 | NS 168 A | | TII | 50 | 30 | 5.0 | .800 | .360 A | 150J | 100.000 G | 100NA 20 | 88 .050 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | | $I_{CBO}$ @ | $V_{CB}$ | $h_{FE}$ @ | Ic(A) |
| | 2N5451 | NS 168 A | | TII | 40 | 20 | 5.0 | .800 | .360 | A | 150J | | 100.000 | G | 100NA | 20 | 180 | .050 |
| | 2N5466 | NS 605 | 3 | SOL | 500 | 400 | 8.0 | 3.000 | 80.000 | C | 200J | | 2.500 | G | 250UA | 500 | 30 | 3.000 |
| | 2N5467 | NS 605 | 3 | SOL | 700 | 400 | 8.0 | 3.000 | 80.000 | C | 200J | | 2.500 | G | 250UA | 700 | 30 | 3.000 |
| | 2N5468 | NS 605 | 66 | SOL | 500 | 400 | 8.0 | 3.000 | 40.000 | C | 200J | | 2.500 | G | 250UA | 500 | 30 | 3.000 |
| | 2N5469 | NS 605 | 66 | SOL | 700 | 400 | 8.0 | 3.000 | 40.000 | C | 200J | | 2.500 | G | 250UA | 700 | 30 | 3.000 |
| | 2N5470 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2N5477 | NS 561 | 59 | MOT | 80 | 80 | 6.0 | 7.000 | 60.000 | C | 200J | | 30.000 | G | 10UA | 80 | 70 | 2.000 |
| | 2N5478 | NS 561 | 59 | MOT | 80 | 80 | 6.0 | 7.000 | 60.000 | C | 200J | | 30.000 | G | 10UA | 80 | 70 | 2.000 |
| | 2N5479 | NS 561 | 59 | MOT | 100 | 100 | 6.0 | 7.000 | 60.000 | C | 200J | | 30.000 | G | 10UA | 100 | 155 | 2.000 |
| | 2N5480 | NS 561 | 59 | MOT | 100 | 100 | 6.0 | 7.000 | 60.000 | C | 200J | | 30.000 | G | 10UA | 100 | 155 | 2.000 |
| | 2N5481 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2N5482 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2N5483 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2N5489 | NS 563 | 114 | STC | 100 | 100 | 10.0 | 40.000 | 300.000 | C | 200J | | .500 | G | 2MA | 125 | 41 | 20.000 |
| | 2N5490 | NS 54 A | | RCA | 60 | 40 | 5.0 | 7.000 | 50.000 | C | 150J | | .800 | G | 5MA | 55 | 45 | 2.000 |
| | 2N5491 | NS 53 A | | RCA | 60 | 40 | 5.0 | 7.000 | 50.000 | C | 150J | | .800 | G | 5MA | 55 | 45 | 2.000 |
| | 2N5492 | NS 54 A | | RCA | 75 | 55 | 5.0 | 7.000 | 50.000 | C | 150J | | .800 | G | 1MA | 70 | 45 | 2.500 |
| | 2N5493 | NS 53 A | | RCA | 75 | 55 | 5.0 | 7.000 | 50.000 | C | 150J | | .800 | G | 1MA | 70 | 45 | 2.500 |
| | 2N5494 | NS 54 A | | RCA | 60 | 40 | 5.0 | 7.000 | 50.000 | C | 150J | | .800 | G | 1MA | 55 | 45 | 3.000 |
| | 2N5495 | NS 53 A | | RCA | 60 | 40 | 5.0 | 7.000 | 50.000 | C | 150J | | .800 | G | 1MA | 55 | 45 | 3.000 |
| | 2N5496 | NS 54 A | | RCA | 90 | 70 | 5.0 | 7.000 | 50.000 | C | 150J | | .800 | G | 1MA | 85 | 45 | 3.500 |
| | 2N5497 | NS 53 A | | RCA | 90 | 70 | 5.0 | 7.000 | 50.000 | C | 150J | | .800 | G | 1MA | 85 | 45 | 3.500 |
| | 2N5527 | NS 211 | 5 | SOL | 60 | 40 | 3.0 | 5.000 | 5.000 | C | 200J | | 200.000 | G | 1MA | 60 | 90 | 3.000 |
| | 2N5528 | NS 561 | 59 | SOL | 60 | 40 | 3.0 | 10.000 | 10.000 | C | 200J | | 200.000 | G | 1MA | 60 | 90 | 3.000 |
| | 2N5529 | NS 561 | 61 | SOL | 60 | 40 | 3.0 | 10.000 | 10.000 | C | 200J | | 200.000 | G | 1MA | 60 | 90 | 3.000 |
| | 2N5530 | NS 560 | 61 | SOL | 60 | 40 | 3.0 | 10.000 | 10.000 | C | 200J | | 200.000 | G | 1MA | 60 | 90 | 3.000 |
| | 2N5531 | NS 211 | 5 | SOL | 90 | 75 | 3.0 | 5.000 | 5.000 | C | 200J | | 200.000 | G | 1MA | 90 | 68 | 3.000 |
| | 2N5532 | NS 561 | 59 | SOL | 90 | 75 | 3.0 | 10.000 | 35.000 | C | 200J | | 200.000 | G | 1MA | 90 | 68 | 3.000 |
| | 2N5533 | NS 561 | 61 | SOL | 90 | 75 | 3.0 | 10.000 | 35.000 | C | 200J | | 200.000 | G | 1MA | 90 | 68 | 3.000 |
| | 2N5534 | NS 560 | 61 | SOL | 90 | 75 | 3.0 | 10.000 | 35.000 | C | 200J | | 200.000 | G | 1MA | 90 | 68 | 3.000 |
| | 2N5535 | NS 561 | 61 | SOL | 60 | 50 | 3.0 | 20.000 | 50.000 | C | 200J | | 150.000 | G | 1MA | 60 | 68 | 10.000 |
| | 2N5536 | NS 560 | 61 | SOL | 60 | 50 | 3.0 | 20.000 | 50.000 | C | 200J | | 150.000 | G | 1MA | 60 | 68 | 10.000 |
| | 2N5537 | NS 561 | 61 | SOL | 90 | 75 | 3.0 | 20.000 | 50.000 | C | 200J | | 150.000 | G | 1MA | 90 | 68 | 10.000 |
| | 2N5538 | NS 560 | 61 | SOL | 90 | 75 | 3.0 | 20.000 | 50.000 | C | 200J | | 150.000 | G | 1MA | 90 | 68 | 10.000 |
| | 2N5550 | NS 41 | 92 | MOT | 160 | 140 | 6.0 | .600 | .310 | A | 135A | | 100.000 | G | 100NA | 100 | 122 | .010 |
| | 2N5551 | NS 41 | 92 | MOT | 180 | 160 | 6.0 | .600 | .310 | A | 135A | | 100.000 | G | 50NA | 120 | 142 | .010 |
| | 2N5559 | NS 605 | 3 | SOL | 150 | 120 | 7.0 | 10.000 | 100.000 | H | 200J | | .800 | G | 500UA | 150 | 35 | 4.000 |
| | 2N5575 | NS 607 C | | RCA | 70 | 50 | 8.0 | 80.000 | 150.000 | H | 175J | | 400.000 | G | 10MA | 60 | 20 | 40.000 |
| | 2N5576 | NS 607 D | | RCA | 70 | 50 | 8.0 | 80.000 | 150.000 | H | 175J | | 400.000 | G | 10MA | 60 | 20 | 40.000 |
| | 2N5577 | NS 607 E | | RCA | 70 | 50 | 8.0 | 80.000 | 150.000 | H | 175J | | 400.000 | G | 10MA | 60 | 20 | 40.000 |
| | 2N5578 | NS 607 C | | RCA | 90 | 70 | 8.0 | 60.000 | 300.000 | C | 175J | | .400 | G | 10MA | 80 | 20 | 40.000 |
| | 2N5579 | NS 607 D | | RCA | 90 | 70 | 8.0 | 60.000 | 300.000 | C | 175J | | .400 | G | 10MA | 80 | 20 | 40.000 |
| | 2N5580 | NS 607 E | | RCA | 90 | 70 | 8.0 | 60.000 | 300.000 | C | 175J | | .400 | G | 10MA | 80 | 20 | 40.000 |
| | 2N5581 | NS 211 | 46 | MOT | 75 | 40 | 6.0 | .800 | .500 | A | 200A | | 250.000 | G | 10NA | 60 | 70 | .150 |
| | 2N5582 | NS 211 | 46 | MOT | 75 | 40 | 6.0 | .800 | .500 | A | 200A | | 300.000 | G | 10NA | 60 | 175 | .150 |
| | 2N5583 | PS 211 | 39 | MOT | 30 | 30 | 3.0 | .500 | 5.000 | C | 200A | | 1000.000 | G | 50NA | 20 | 50 | .100 |
| | 2N5584 | NS 561 | 63 | TRW | 225 | 180 | 8.0 | 30.000 | 100.000 | C | 200J | | 70.000 | G | 10MA | 200 | 70 | 10.000 |
| | 2N5589 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2N5590 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2N5591 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2N5595 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2N5596 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2N5597 | PS 605 | 66 | SOL | 80 | 60 | 5.5 | 2.000 | 20.000 | C | 200J | | 60.000 | G | 1MA | 80 | 120 | 1.000 |
| | 2N5598 | NS 605 | 66 | SOL | 80 | 60 | 6.0 | 2.000 | 20.000 | C | 200J | | 60.000 | G | 1MA | 80 | 120 | 1.000 |
| | 2N5599 | PS 605 | 66 | SOL | 100 | 80 | 5.5 | 2.000 | 20.000 | C | 200J | | 50.000 | G | 1MA | 100 | 52 | 1.000 |
| | 2N5600 | NS 605 | 66 | SOL | 100 | 80 | 6.0 | 2.000 | 20.000 | C | 200J | | 50.000 | G | 1MA | 100 | 52 | 1.000 |
| | 2N5601 | PS 605 | 66 | SOL | 100 | 80 | 5.5 | 2.000 | 20.000 | C | 200J | | 60.000 | G | 1MA | 100 | 120 | 1.000 |
| | 2N5602 | NS 605 | 66 | SOL | 100 | 80 | 6.0 | 2.000 | 20.000 | C | 200J | | 60.000 | G | 1MA | 100 | 120 | 1.000 |
| | 2N5603 | PS 605 | 66 | SOL | 120 | 100 | 5.5 | 2.000 | 20.000 | C | 200J | | 50.000 | G | 1MA | 120 | 52 | 1.000 |
| | 2N5604 | NS 605 | 66 | SOL | 120 | 100 | 6.0 | 2.000 | 20.000 | C | 200J | | 50.000 | G | 1MA | 120 | 52 | 1.000 |
| | 2N5605 | PS 605 | 66 | SOL | 80 | 60 | 5.5 | 5.000 | 25.000 | C | 200J | | 70.000 | G | 1MA | 80 | 120 | 2.500 |
| | 2N5606 | NS 605 | 66 | SOL | 80 | 60 | 6.0 | 5.000 | 25.000 | C | 200J | | 70.000 | G | 1MA | 80 | 120 | 2.500 |
| | 2N5607 | PS 605 | 66 | SOL | 100 | 80 | 5.5 | 5.000 | 25.000 | C | 200J | | 60.000 | G | 1MA | 100 | 52 | 2.500 |
| | 2N5608 | NS 605 | 66 | SOL | 100 | 80 | 6.0 | 5.000 | 25.000 | C | 200J | | 60.000 | G | 1MA | 100 | 52 | 2.500 |
| | 2N5609 | PS 605 | 66 | SOL | 100 | 80 | 5.5 | 5.000 | 25.000 | C | 200J | | 70.000 | G | 1MA | 100 | 120 | 2.500 |
| | 2N5610 | NS 605 | 66 | SOL | 100 | 80 | 6.0 | 5.000 | 25.000 | C | 200J | | 70.000 | G | 1MA | 100 | 120 | 2.500 |
| | 2N5611 | PS 605 | 66 | SOL | 120 | 100 | 5.5 | 5.000 | 25.000 | C | 200J | | 60.000 | G | 1MA | 120 | 52 | 2.500 |
| | 2N5612 | NS 605 | 66 | SOL | 120 | 100 | 6.0 | 5.000 | 25.000 | C | 200J | | 60.000 | G | 1MA | 120 | 52 | 2.500 |
| | 2N5613 | PS 605 | 3 | SOL | 80 | 60 | 5.5 | 5.000 | 50.000 | C | 200J | | 70.000 | G | 1MA | 80 | 120 | 2.500 |
| | 2N5614 | NS 605 | 3 | SOL | 80 | 60 | 6.0 | 5.000 | 50.000 | C | 200J | | 70.000 | G | 1MA | 80 | 120 | 2.500 |
| | 2N5615 | PS 605 | 3 | SOL | 100 | 80 | 5.5 | 5.000 | 50.000 | C | 200J | | 60.000 | G | 1MA | 100 | 52 | 2.500 |
| | 2N5616 | NS 605 | 3 | SOL | 100 | 80 | 6.0 | 5.000 | 50.000 | C | 200J | | 60.000 | G | 1MA | 100 | 52 | 2.500 |
| | 2N5617 | PS 605 | 3 | SOL | 100 | 80 | 5.5 | 5.000 | 50.000 | C | 200J | | 70.000 | G | 1MA | 100 | 120 | 2.500 |
| | 2N5618 | NS 605 | 3 | SOL | 100 | 80 | 6.0 | 5.000 | 50.000 | C | 200J | | 70.000 | G | 1MA | 100 | 120 | 2.500 |
| | 2N5619 | PS 605 | 3 | SOL | 120 | 100 | 6.0 | 5.000 | 50.000 | C | 200J | | 60.000 | G | 1MA | 120 | 52 | 2.500 |
| | 2N5620 | NS 605 | 3 | SOL | 120 | 100 | 5.5 | 5.000 | 50.000 | C | 200J | | 60.000 | G | 1MA | 120 | 52 | 2.500 |
| | 2N5621 | PS 605 | 3 | SOL | 80 | 60 | 5.5 | 10.000 | 100.000 | C | 200J | | 40.000 | G | 1MA | 80 | 120 | 5.000 |
| | 2N5622 | NS 605 | 3 | SOL | 80 | 60 | 6.0 | 10.000 | 100.000 | C | 200J | | 40.000 | G | 1MA | 80 | 120 | 5.000 |
| | 2N5623 | PS 605 | 3 | SOL | 100 | 80 | 5.5 | 10.000 | 100.000 | C | 200J | | 30.000 | G | 1MA | 100 | 52 | 5.000 |
| | 2N5624 | NS 605 | 3 | SOL | 100 | 80 | 6.0 | 10.000 | 100.000 | C | 200J | | 30.000 | G | 1MA | 100 | 52 | 5.000 |
| | 2N5625 | PS 605 | 3 | SOL | 100 | 80 | 5.5 | 10.000 | 100.000 | C | 200J | | 40.000 | G | 1MA | 100 | 120 | 5.000 |
| | 2N5626 | NS 605 | 3 | SOL | 100 | 80 | 6.0 | 10.000 | 100.000 | C | 200J | | 40.000 | G | 1MA | 100 | 120 | 5.000 |
| | 2N5627 | PS 605 | 3 | SOL | 120 | 100 | 5.5 | 10.000 | 100.000 | C | 200J | | 30.000 | G | 1MA | 120 | 52 | 5.000 |
| | 2N5629 | NS 605 | 3 | MOT,SOL | 100 | 100 | 7.0 | 16.000 | 200.000 | C | 200J | | 1.000 | G | 1MA | 100 | 50 | 8.000 |
| | 2N5630 | NS 605 | 3 | MOT,SOL | 120 | 120 | 7.0 | 16.000 | 200.000 | C | 200J | | 1.000 | G | 1MA | 120 | 40 | 8.000 |
| | 2N5631 | NS 605 | 3 | MOT,SOL | 140 | 140 | 7.0 | 16.000 | 200.000 | C | 200J | | 1.000 | G | 1MA | 140 | 30 | 8.000 |
| | 2N5632 | NS 605 | 3 | MOT,SOL | 100 | 100 | 7.0 | 10.000 | 150.000 | C | 200J | | 1.000 | G | 1MA | 100 | 50 | 5.000 |
| | 2N5633 | NS 605 | 3 | MOT,SOL | 120 | 120 | 7.0 | 10.000 | 150.000 | C | 200J | | 1.000 | G | 1MA | 120 | 40 | 5.000 |
| | 2N5634 | NS 605 | 3 | MOT,SOL | 140 | 140 | 7.0 | 10.000 | 150.000 | C | 200J | | 1.000 | G | 1MA | 140 | 30 | 5.000 |
| | 2N5635 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2N5636 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2N5637 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2N5641 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2N5642 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2N5643 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2N5644 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2N5645 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2N5646 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2N5650 | NS 217 | 72 | NEC | 20 | 15 | 3.0 | .030 | .150 | A | 150C | | 2000.000 | G | 50NA | 10 | 45 | .003 |
| | 2N5651 | NS 217 | 72 | NEC | 20 | 15 | 3.0 | .030 | .150 | A | 150C | | 2000.000 | G | 50NA | 10 | 45 | .003 |
| | 2N5652 | NS 217 | 72 | NEC | 20 | 15 | 3.0 | .030 | .150 | A | 150C | | 2000.000 | G | 50NA | 10 | 45 | .003 |
| | 2N5655 | NS 48 A | | MOT | 275 | 250 | 6.0 | .500 | 20.000 | C | 150J | | 10.000 | G | 10UA | 275 | 90 | .100 |
| | 2N5656 | NS 48 A | | MOT | 325 | 300 | 6.0 | .500 | 20.000 | C | 150J | | 10.000 | G | 10UA | 325 | 90 | .100 |
| | 2N5657 | NS 48 A | | MOT | 375 | 350 | 6.0 | .500 | 20.000 | C | 150J | | 10.000 | G | 10UA | 375 | 90 | .100 |
| | 2N5660 | NS 605 | 66 | SOL | 250 | 200 | 6.0 | 1.000 | 20.000 | C | 200J | | 20.000 | G | 1UA | 250 | 70 | .500 |
| | 2N5661 | NS 605 | 66 | SOL | 400 | 300 | 6.0 | 1.000 | 20.000 | C | 200J | | 20.000 | G | 1UA | 400 | 43 | .500 |
| | 2N5662 | NS 211 | 5 | SOL | 250 | 200 | 6.0 | 1.000 | 15.000 | H | 200J | | 20.000 | G | 1UA | 250 | 70 | .500 |
| | 2N5663 | NS 211 | 5 | SOL | 400 | 300 | 6.0 | 1.000 | 15.000 | H | 200J | | 20.000 | G | 1UA | 400 | 43 | .500 |
| | 2N5664 | NS 605 | 66 | SOL | 250 | 200 | 6.0 | 3.000 | 30.000 | C | 200J | | 20.000 | G | 1UA | 250 | 70 | 1.000 |
| | 2N5665 | NS 605 | 66 | SOL | 400 | 300 | 6.0 | 3.000 | 30.000 | C | 200J | | 20.000 | G | 1UA | 400 | 43 | 1.000 |
| | 2N5671 | NS 605 | 3 | RCA,SOL | 120 | 90 | 7.0 | 30.000 | 80.000 | H | 200J | | 50.000 | G | 12MA | 110 | 45 | 15.000 |
| | 2N5672 | NS 605 | 3 | RCA,SOL | 150 | 120 | 7.0 | 30.000 | 80.000 | H | 200J | | 50.000 | G | 10MA | 135 | 45 | 15.000 |
| | 2N5679 | PS 211 | 5 | MOT | 100 | 100 | 4.0 | 1.000 | 10.000 | C | 200J | | 30.000 | G | 1UA | 100 | 80 | .250 |
| | 2N5680 | PS 211 | 5 | MOT | 120 | 120 | 4.0 | 1.000 | 10.000 | C | 200J | | 30.000 | G | 1UA | 120 | 80 | .250 |
| | 2N5681 | NS 211 | 5 | MOT | 100 | 100 | 4.0 | 1.000 | 10.000 | C | 200J | | 30.000 | G | 1UA | 100 | 80 | .250 |
| | 2N5682 | NS 211 | 5 | MOT | 120 | 120 | 4.0 | 1.000 | 10.000 | C | 200J | | 30.000 | G | 1UA | 120 | 80 | .250 |
| | 2N5683 | PS 605 | 3 | MOT | 60 | 60 | 5.0 | 50.000 | 300.000 | C | 200C | | 2.000 | G | 2MA | 60 | 30 | 25.000 |
| | 2N5684 | PS 605 | 3 | MOT | 80 | 80 | 5.0 | 50.000 | 300.000 | C | 200C | | 2.000 | G | 2MA | 80 | 30 | 25.000 |
| | 2N5685 | NS 605 | 3 | MOT | 60 | 60 | 5.0 | 50.000 | 300.000 | C | 200C | | 2.000 | G | 2MA | 60 | 30 | 25.000 |
| | 2N5686 | NS 605 | 3 | MOT | 80 | 80 | 5.0 | 50.000 | 300.000 | C | 200C | | 2.000 | G | 2MA | 80 | 30 | 25.000 |
| | 2N5687 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2N5688 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2N5689 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2N5690 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2N5691 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2N5692 | PG 605 | 3 | MOT | 50 | 30 | 2.5 | 40.000 | 120.000 | C | 110J | | .200 | G | 10MA | 50 | 36 | 25.000 |
| | 2N5693 | PG 605 | 3 | MOT | 80 | 60 | 2.5 | 40.000 | 120.000 | C | 110J | | .200 | G | 10MA | 80 | 36 | 25.000 |
| | 2N5694 | PG 605 | 3 | MOT | 100 | 80 | 2.5 | 40.000 | 120.000 | C | 110J | | .200 | G | 10MA | 100 | 36 | 25.000 |
| | 2N5695 | PG 605 | 3 | MOT | 120 | 100 | 2.5 | 40.000 | 120.000 | C | 110J | | .200 | G | 10MA | 120 | 36 | 25.000 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) Cond. | | | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ $I_C$(A) | |
| | 2N5696 | PG 605 | 3 | MOT | 140 | 120 | 2.5 | 40.000 | 120.000 | C | 110J | .200 | G | 10MA | 140 | 36 | 25.000 |
| | 2N5697 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5698 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5699 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5700 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5701 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5702 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5703 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5704 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5705 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5706 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5707 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5708 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5709 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5710 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5711 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5712 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5713 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5714 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5715 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5729 | NS 211 | 5 | FSC | 100 | 80 | 5.0 | 5.000 | 10.000 | H | 200J | 30.000 | G | 1MA | 100 | 105 | 2.000 |
| | 2N5730 | NS 560 | 59 | FSC | 100 | 80 | 5.0 | 10.000 | 45.000 | H | 200J | 30.000 | G | 1MA | 100 | 105 | 2.000 |
| | 2N5731 | NS 560 | 61 | FSC | 100 | 80 | 5.0 | 20.000 | 75.000 | H | 200J | 30.000 | G | 1MA | 100 | 105 | 5.000 |
| | 2N5732 | NS 605 | 3 | FSC | 100 | 80 | 5.0 | 20.000 | 75.000 | H | 200J | 30.000 | G | 1MA | 100 | 105 | 5.000 |
| | 2N5733 | NS 561 | 63 | SOL | 100 | 80 | 5.0 | 30.000 | 150.000 | H | 200J | 30.000 | G | 1MA | 100 | 105 | 10.000 |
| | 2N5734 | NS 605 | 3 | SOL | 100 | 80 | 5.0 | 30.000 | 150.000 | H | 200J | 30.000 | G | 1MA | 100 | 105 | 10.000 |
| | 2N5737 | PS 605 | 3 | SOL | 60 | 60 | 5.0 | 10.000 | 50.000 | C | 200J | 10.000 | G | 10UA | 60 | 40 | 5.000 |
| | 2N5738 | PS 605 | 3 | SOL | 100 | 100 | 5.0 | 10.000 | 50.000 | C | 200J | 10.000 | G | 10UA | 100 | 40 | 5.000 |
| | 2N5739 | PS 605 | 66 | SOL | 60 | 60 | 5.0 | 10.000 | 20.000 | C | 200J | 10.000 | G | 10UA | 60 | 40 | 5.000 |
| | 2N5740 | PS 605 | 66 | SOL | 100 | 100 | 5.0 | 10.000 | 20.000 | C | 200J | 10.000 | G | 10UA | 100 | 40 | 5.000 |
| | 2N5741 | PS 605 | 3 | SOL | 60 | 60 | 5.0 | 20.000 | 65.000 | C | 200J | 10.000 | G | 10UA | 60 | 40 | 10.000 |
| | 2N5742 | PS 605 | 3 | SOL | 100 | 100 | 5.0 | 20.000 | 65.000 | C | 200J | 10.000 | G | 10UA | 100 | 40 | 10.000 |
| | 2N5743 | PS 605 | 66 | SOL | 60 | 60 | 5.0 | 20.000 | 25.000 | C | 200J | 10.000 | G | 10UA | 60 | 40 | 10.000 |
| | 2N5744 | PS 605 | 66 | SOL | 100 | 100 | 5.0 | 20.000 | 25.000 | C | 200J | 10.000 | G | 10UA | 100 | 40 | 10.000 |
| | 2N5745 | PS 605 | 3 | MOT | 80 | 80 | 5.0 | 20.000 | 200.000 | C | 200J | 2.000 | G | 1MA | 80 | 30 | 10.000 |
| | 2N5761 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5762 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5763 | PS 211 | 18 | MOT | 65 | 60 | 5.0 | .600 | .400 | A | 200C | 200.000 | G | 10NA | 50 | 53 | .150 |
| | 2N5764 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5765 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5766 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5767 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5768 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5781 | PS 211 | 5 | RCA | 80 | 80R | 5.0 | 3.500 | 10.000 | C | 200J | 8.000 | G | 10UA | 75 | 45 | 1.000 |
| | 2N5782 | PS 211 | 5 | RCA | 65 | 65R | 5.0 | 3.500 | 10.000 | C | 200J | 8.000 | G | 10UA | 60 | 45 | 1.200 |
| | 2N5783 | PS 211 | 5 | RCA | 45 | 45R | 3.5 | 3.500 | 10.000 | C | 200J | 8.000 | G | 10UA | 45 | 45 | 1.600 |
| | 2N5784 | NS 211 | 5 | RCA | 80 | 80R | 5.0 | 3.500 | 10.000 | C | 200J | 1.000 | G | 10UA | 75 | 45 | 1.000 |
| | 2N5785 | NS 211 | 5 | RCA | 65 | 65R | 5.0 | 3.500 | 10.000 | C | 200J | 1.000 | G | 10UA | 60 | 45 | 1.200 |
| | 2N5786 | NS 211 | 5 | RCA | 45 | 45R | 3.5 | 3.500 | 10.000 | C | 200J | 1.000 | G | 10UA | 45 | 45 | 1.600 |
| | 2N5804 | NS 605 | 3 | RCA | 300 | 300X | 6.0 | 5.000 | 62.000 | H | 200J | 15.000 | G | 5MA | 270 | 35 | 5.000 |
| | 2N5805 | NS 605 | 3 | RCA | 375 | 375X | 6.0 | 5.000 | 62.000 | H | 200J | 15.000 | G | 5MA | 340 | 35 | 5.000 |
| | 2N5810 | NS 166 A | | GEC,SPR | 35 | 25 | 5.0 | .750 | .500 | A | 135J | 100.000 | G | 100NA | 25 | 110 | .002 |
| | 2N5811 | PS 166 A | | GEC,SPR | 35 | 25 | 5.0 | .750 | .500 | A | 135J | 100.000 | G | 100NA | 25 | 110 | .002 |
| | 2N5812 | NS 166 A | | GEC,SPR | 35 | 25 | 5.0 | .750 | .500 | A | 135J | 135.000 | G | 100NA | 25 | 275 | .002 |
| | 2N5813 | PS 166 A | | GEC,SPR | 35 | 25 | 5.0 | .750 | .500 | A | 135J | 135.000 | G | 100NA | 25 | 275 | .002 |
| | 2N5814 | NS 166 A | | GEC,SPR | 50 | 40 | 5.0 | .750 | .500 | A | 135J | 135.000 | G | 100NA | 25 | 90 | .002 |
| | 2N5815 | PS 166 A | | GEC,SPR | 50 | 40 | 5.0 | .750 | .500 | A | 135J | 100.000 | G | 100NA | 25 | 90 | .002 |
| | 2N5816 | NS 166 A | | GEC,SPR | 50 | 40 | 5.0 | .750 | .500 | A | 135J | 100.000 | G | 100NA | 25 | 150 | .002 |
| | 2N5817 | PS 166 A | | GEC,SPR | 50 | 40 | 5.0 | .750 | .500 | A | 135J | 120.000 | G | 100NA | 25 | 150 | .002 |
| | 2N5818 | NS 166 A | | GEC,SPR | 50 | 40 | 5.0 | .750 | .500 | A | 135J | 135.000 | G | 100NA | 25 | 225 | .002 |
| | 2N5819 | PS 166 A | | GEC,SPR | 50 | 40 | 5.0 | .750 | .500 | A | 135J | 135.000 | G | 100NA | 25 | 225 | .002 |
| | 2N5820 | NS 166 A | | GEC | 70 | 60 | 5.0 | .750 | .500 | A | 135J | 100.000 | G | 100NA | 25 | 90 | .002 |
| | 2N5821 | PS 166 A | | GEC | 70 | 60 | 5.0 | .750 | .500 | A | 135J | 100.000 | G | 100NA | 25 | 90 | .002 |
| | 2N5822 | NS 166 A | | GEC | 70 | 60 | 5.0 | .750 | .500 | A | 135J | 120.000 | G | 100NA | 25 | 150 | .002 |
| | 2N5823 | PS 166 A | | GEC | 70 | 60 | 5.0 | .750 | .500 | A | 135J | 120.000 | G | 100NA | 25 | 150 | .002 |
| | 2N5824 | NS 166 A | | GEC,SPR | 50 | 40 | 5.0 | .100 | .360 | A | 125J | 90.000 | G | 50NA | 40 | 90 | .002 |
| | 2N5825 | NS 166 A | | GEC,SPR | 50 | 40 | 5.0 | .100 | .360 | A | 125J | 90.000 | G | 50NA | 40 | 150 | .002 |
| | 2N5826 | NS 166 A | | GEC,SPR | 50 | 40 | 5.0 | .100 | .360 | A | 125J | 90.000 | G | 50NA | 40 | 225 | .002 |
| | 2N5828 | NS 166 A | | GEC | 50 | 40 | 5.0 | .100 | .360 | A | 125J | 90.000 | G | 50NA | 40 | 600 | .002 |
| | 2N5829 | PS 217 | 72 | MOT | 30 | 30 | 3.0 | .030 | .200 | A | 200C | 1200.000 | G | 100NA | 20 | 40 | .002 |
| | 2N5834 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5838 | NS 605 | 3 | RCA | 275 | 275X | 6.0 | 3.000 | 57.000 | H | 200J | 5.000 | G | 5MA | 265 | 18 | 3.000 |
| | 2N5839 | NS 605 | 3 | RCA | 300 | 300X | 6.0 | 3.000 | 57.000 | H | 200J | 5.000 | G | 2MA | 290 | 22 | 3.000 |
| | 2N5840 | NS 605 | 3 | RCA | 375 | 375X | 6.0 | 3.000 | 57.000 | H | 200J | 5.000 | G | 2MA | 360 | 22 | 2.000 |
| | 2N5846 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5847 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5848 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5851 | NS 217 | 72 | MOT | 30 | 15 | 4.5 | .100 | .500 | A | 200J | 500.000 | G | 1UA | 15 | 60 | .010 |
| | 2N5852 | NS 217 | 72 | MOT | 30 | 15 | 4.5 | .100 | .500 | A | 200J | 700.000 | G | 1UA | 15 | 60 | .010 |
| | 2N5862 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5865 | PS 211 | 39 | MOT | 70 | 50 | 5.0 | 1.000 | 1.250 | A | 200C | 100.000 | G | 200NA | 35 | 90 | .150 |
| | 2N5867 | PS 605 | 3 | MOT | 60 | 60 | 5.0 | 5.000 | 87.500 | C | 200J | 4.000 | G | 100UA | 60 | 45 | 1.500 |
| | 2N5868 | PS 605 | 3 | MOT | 80 | 80 | 5.0 | 5.000 | 87.500 | C | 200J | 4.000 | G | 100UA | 80 | 45 | 1.500 |
| | 2N5869 | NS 605 | 3 | MOT | 60 | 60 | 5.0 | 5.000 | 87.500 | C | 200J | 4.000 | G | 100UA | 60 | 45 | 1.500 |
| | 2N5870 | NS 605 | 3 | MOT | 80 | 80 | 5.0 | 5.000 | 87.500 | C | 200J | 4.000 | G | 100UA | 80 | 45 | 1.500 |
| | 2N5871 | PS 605 | 3 | MOT | 60 | 60 | 5.0 | 7.000 | 100.000 | C | 200J | 4.000 | G | 250UA | 60 | 45 | 2.500 |
| | 2N5872 | PS 605 | 3 | MOT | 80 | 80 | 5.0 | 7.000 | 100.000 | C | 200J | 4.000 | G | 250UA | 80 | 45 | 2.500 |
| | 2N5873 | NS 605 | 3 | MOT | 60 | 60 | 5.0 | 7.000 | 100.000 | C | 200J | 4.000 | G | 250UA | 60 | 45 | 2.500 |
| | 2N5874 | NS 605 | 3 | MOT | 80 | 80 | 5.0 | 7.000 | 100.000 | C | 200J | 4.000 | G | 250UA | 80 | 45 | 2.500 |
| | 2N5875 | PS 605 | 3 | MOT | 60 | 60 | 5.0 | 10.000 | 150.000 | C | 200J | 4.000 | G | 500UA | 60 | 45 | 4.000 |
| | 2N5876 | PS 605 | 3 | MOT | 80 | 80 | 5.0 | 10.000 | 150.000 | C | 200J | 4.000 | G | 500UA | 80 | 45 | 4.000 |
| | 2N5877 | NS 605 | 3 | MOT | 60 | 60 | 5.0 | 10.000 | 150.000 | C | 200J | 4.000 | G | 500UA | 60 | 45 | 4.000 |
| | 2N5878 | NS 605 | 3 | MOT | 80 | 80 | 5.0 | 10.000 | 150.000 | C | 200J | 4.000 | G | 500UA | 80 | 45 | 4.000 |
| | 2N5879 | PS 605 | 3 | MOT | 60 | 60 | 5.0 | 15.000 | 160.000 | C | 200J | 4.000 | G | 500UA | 60 | 45 | 6.000 |
| | 2N5880 | PS 605 | 3 | MOT | 80 | 80 | 5.0 | 15.000 | 160.000 | C | 200J | 4.000 | G | 500UA | 80 | 45 | 6.000 |
| | 2N5881 | NS 605 | 3 | MOT | 60 | 60 | 5.0 | 15.000 | 160.000 | C | 200J | 4.000 | G | 500UA | 60 | 45 | 6.000 |
| | 2N5882 | NS 605 | 3 | MOT | 80 | 80 | 5.0 | 15.000 | 160.000 | C | 200J | 4.000 | G | 500UA | 80 | 45 | 6.000 |
| | 2N5883 | PS 605 | 3 | MOT | 60 | 60 | 5.0 | 25.000 | 200.000 | C | 200J | 4.000 | G | 1MA | 60 | 45 | 10.000 |
| | 2N5884 | PS 605 | 3 | MOT | 80 | 80 | 5.0 | 25.000 | 200.000 | C | 200J | 4.000 | G | 1MA | 80 | 45 | 10.000 |
| | 2N5885 | NS 605 | 3 | MOT | 60 | 60 | 5.0 | 25.000 | 200.000 | C | 200J | 4.000 | G | 1MA | 60 | 45 | 10.000 |
| | 2N5886 | NS 605 | 3 | MOT | 80 | 80 | 5.0 | 25.000 | 200.000 | C | 200J | 4.000 | G | 1MA | 80 | 45 | 10.000 |
| | 2N5913 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5914 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5915 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5916 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5917 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5918 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5919 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5920 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5921 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5922 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5923 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5924 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5925 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2N5929 | NS 605 | 3 | WHE | 90 | 80X | 7.0 | 30.000 | 100.000 | H | 200J | 30.000 | G | 5MA | 90 | 45 | 10.000 |
| | 2N5930 | NS 605 | 3 | WHE | 130 | 120X | 7.0 | 30.000 | 100.000 | H | 200J | 30.000 | G | 5MA | 130 | 45 | 10.000 |
| | 2N5931 | NS 605 | 3 | WHE | 170 | 160X | 7.0 | 30.000 | 100.000 | H | 200J | 30.000 | G | 5MA | 170 | 45 | 10.000 |
| | 2N5932 | NS 605 | 3 | WHE | 70 | 60X | 7.0 | 30.000 | 100.000 | H | 200J | 30.000 | G | 5MA | 70 | 45 | 20.000 |
| | 2N5933 | NS 605 | 3 | WHE | 110 | 100X | 7.0 | 30.000 | 100.000 | C | 200J | 30.000 | G | 5MA | 110 | 45 | 20.000 |
| | 2N5934 | NS 605 | 3 | WHE | 150 | 140X | 7.0 | 30.000 | 100.000 | C | 200J | 30.000 | G | 5MA | 150 | 45 | 20.000 |
| | 2N5935 | NS 605 | 3 | WHE | 90 | 80X | 7.0 | 30.000 | 100.000 | H | 200J | 30.000 | G | 5MA | 90 | 45 | 30.000 |
| | 2N5936 | NS 605 | 3 | WHE | 130 | 120X | 7.0 | 30.000 | 100.000 | H | 200J | 30.000 | G | 5MA | 130 | 45 | 30.000 |
| | 2N5937 | NS 605 | 3 | WHE | 170 | 160X | 7.0 | 30.000 | 100.000 | H | 200J | 30.000 | G | 5MA | 170 | 45 | 30.000 |
| | 2N5943 | NS 210 | 39 | MOT | 40 | 30 | 3.5 | .400 | 1.000 | A | 200C | 1200.000 | G | 100UA | 15 | 100 | .050 |
| | 2N5947 | NS 962 E | | MOT | 40 | 30 | 3.5 | .400 | 16.000 | C | 200C | 1100.000 | G | 10UA | 20 | 85 | .075 |
| | 2N5954 | PS 605 | 66 | RCA | 90 | 85 | 5.0 | 6.000 | 40.000 | C | 200J | 5.000 | G | 100UA | 85 | 40 | 2.000 |
| | 2N5955 | PS 605 | 66 | RCA | 70 | 65 | 5.0 | 6.000 | 40.000 | C | 200J | 5.000 | G | 100UA | 65 | 40 | 2.500 |
| | 2N5956 | PS 605 | 66 | RCA | 50 | 45R | 5.0 | 6.000 | 40.000 | C | 200J | 5.000 | G | 100UA | 45 | 40 | 3.000 |
| | 2N5974 | PS 48 B | | MOT | 60 | 40 | 5.0 | 5.000 | 75.000 | C | 150J | 2.000 | G | 100UA | 60 | 50 | 2.500 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Cutoff | Gain |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) Cond. | Temp. (°C) Cond. | Condition | $I_{CBO}$ @ $V_{CB}$ | $h_{FE}$ @ Ic(A) |
| | 2N5975 | PS 48 B | | MOT | 80 | 60 | 5.0 | 5.000 | 75.000 C | 150J | 2.000 G | 100UA 80 | 50 2.500 |
| | 2N5976 | PS 48 B | | MOT | 100 | 80 | 5.0 | 5.000 | 75.000 C | 150J | 2.000 G | 100UA 100 | 50 2.500 |
| | 2N5977 | NS 48 B | | MOT | 60 | 40 | 5.0 | 5.000 | 75.000 C | 150J | 2.000 G | 100UA 60 | 50 2.500 |
| | 2N5978 | NS 48 B | | MOT | 80 | 60 | 5.0 | 5.000 | 75.000 C | 150J | 2.000 G | 100UA 80 | 50 2.500 |
| | 2N5979 | NS 48 B | | MOT | 100 | 80 | 5.0 | 5.000 | 75.000 C | 150J | 2.000 G | 100UA 100 | 50 2.500 |
| | 2N5980 | PS 48 B | | MOT | 60 | 40 | 5.0 | 8.000 | 90.000 C | 150J | 2.000 G | 100UA 60 | 50 4.000 |
| | 2N5981 | PS 48 B | | MOT | 80 | 60 | 5.0 | 8.000 | 90.000 C | 150J | 2.000 G | 100UA 80 | 50 4.000 |
| | 2N5982 | PS 48 B | | MOT | 100 | 80 | 5.0 | 8.000 | 90.000 C | 150J | 2.000 G | 100UA 100 | 50 4.000 |
| | 2N5983 | NS 48 B | | MOT | 60 | 40 | 5.0 | 8.000 | 90.000 C | 150J | 2.000 G | 100UA 60 | 50 4.000 |
| | 2N5984 | NS 48 B | | MOT | 80 | 60 | 5.0 | 8.000 | 90.000 C | 150J | 2.000 G | 100UA 80 | 50 4.000 |
| | 2N5985 | NS 48 B | | MOT | 100 | 80 | 5.0 | 8.000 | 90.000 C | 150J | 2.000 G | 100UA 100 | 50 4.000 |
| | 2N5986 | PS 48 B | | MOT | 60 | 40 | 5.0 | 20.000 | 100.000 C | 150J | 2.000 G | 200UA 60 | 50 6.000 |
| | 2N5987 | PS 48 B | | MOT | 80 | 60 | 5.0 | 20.000 | 100.000 C | 150J | 2.000 G | 200UA 80 | 50 6.000 |
| | 2N5988 | PS 48 B | | MOT | 100 | 80 | 5.0 | 20.000 | 100.000 C | 150J | 2.000 G | 200UA 100 | 50 6.000 |
| | 2N5989 | NS 48 B | | MOT | 60 | 40 | 5.0 | 20.000 | 100.000 C | 150J | 2.000 G | 200UA 60 | 50 6.000 |
| | 2N5990 | NS 48 B | | MOT | 80 | 60 | 5.0 | 20.000 | 100.000 C | 150J | 2.000 G | 200UA 80 | 50 6.000 |
| | 2N5991 | NS 48 B | | MOT | 100 | 80 | 5.0 | 20.000 | 100.000 C | 150J | 2.000 G | 200UA 100 | 50 6.000 |
| | 2N5992 | SEE RF POWER SECTION | | | | | | | | | | | |
| | 2N5993 | SEE RF POWER SECTION | | | | | | | | | | | |
| | 2N5994 | SEE RF POWER SECTION | | | | | | | | | | | |
| | 2N5995 | SEE RF POWER SECTION | | | | | | | | | | | |
| | 2N5996 | SEE RF POWER SECTION | | | | | | | | | | | |
| | 2N5998 | NS 45 | 98 | GEC | 35 | 25 | 5.0 | .500 | .400 A | 150S | 140.000 G | 30NA 25 | 225 .010 |
| | 2N5999 | PS 45 | 98 | GEC | 35 | 25 | 5.0 | .500 | .400 A | 150S | 140.000 G | 30NA 25 | 225 .010 |
| | 2N6000 | NS 168 B | | GEC | 35 | 25 | 5.0 | .500 | .400 A | 125J | 150.000 G | 10NA 25 | 175 .010 |
| | 2N6001 | PS 168 B | | GEC | 35 | 25 | 5.0 | .500 | .400 A | 125J | 225.000 G | 10NA 25 | 175 .010 |
| | 2N6002 | NS 168 B | | GEC | 35 | 25 | 5.0 | .500 | .400 A | 125J | 165.000 G | 10NA 25 | 375 .010 |
| | 2N6003 | PS 168 B | | GEC | 35 | 25 | 5.0 | .500 | .400 A | 125J | 250.000 G | 10NA 25 | 375 .010 |
| | 2N6004 | NS 168 B | | GEC | 50 | 40 | 5.0 | .500 | .400 A | 125J | 150.000 G | 10NA 25 | 175 .010 |
| | 2N6005 | PS 168 B | | GEC | 50 | 40 | 5.0 | .500 | .400 A | 125J | 225.000 G | 10NA 25 | 175 .010 |
| | 2N6006 | NS 168 B | | GEC | 50 | 40 | 5.0 | .500 | .400 A | 125J | 165.000 G | 10NA 25 | 375 .010 |
| | 2N6007 | PS 168 B | | GEC | 50 | 40 | 5.0 | .500 | .400 A | 125J | 250.000 G | 10NA 25 | 375 .010 |
| | 2N6008 | NS 45 | 98 | GEC | 35 | 25 | 5.0 | .500 | .400 A | 150S | 140.000 G | 30NA 25 | 375 .010 |
| | 2N6009 | PS 45 | 98 | GEC | 35 | 25 | 5.0 | .500 | .400 A | 150S | 140.000 G | 30NA 25 | 375 .010 |
| | 2N6010 | NS 168 B | | GEC | 50 | 40 | 5.0 | .800 | .500 A | 150J | 530.000 G | 10NA 25 | 175 .010 |
| | 2N6011 | PS 168 B | | GEC | 50 | 40 | 5.0 | .800 | .500 A | 150J | 75.000 G | 10NA 25 | 175 .010 |
| | 2N6012 | NS 168 B | | GEC | 50 | 40 | 5.0 | .800 | .500 A | 150J | 500.000 G | 10NA 25 | 375 .010 |
| | 2N6013 | PS 168 B | | GEC | 50 | 40 | 5.0 | .800 | .500 A | 150J | 120.000 G | 10NA 25 | 375 .010 |
| | 2N6014 | NS 168 B | | GEC | 70 | 60 | 5.0 | .800 | .500 A | 150J | 105.000 G | 10NA 25 | 175 .010 |
| | 2N6015 | PS 168 B | | GEC | 70 | 60 | 5.0 | .800 | .500 A | 150J | 75.000 G | 10NA 25 | 175 .010 |
| | 2N6016 | NS 168 B | | GEC | 70 | 60 | 5.0 | .800 | .500 A | 150J | 150.000 G | 10NA 25 | 375 .010 |
| | 2N6017 | PS 168 B | | GEC | 70 | 60 | 5.0 | .800 | .500 A | 150J | 120.000 G | 10NA 25 | 375 .010 |
| | 2N6029 | PS 605 | 3 | MOT | 100 | 100 | 7.0 | 16.000 | 200.000 C | 200J | 1.000 G | 2MA 100 | 50 8.000 |
| | 2N6030 | PS 605 | 3 | MOT | 120 | 120 | 7.0 | 16.000 | 200.000 C | 200J | 1.000 G | 2MA 120 | 40 8.000 |
| | 2N6031 | PS 605 | 3 | MOT | 140 | 140 | 7.0 | 16.000 | 200.000 C | 200J | 1.000 G | 2MA 140 | 30 8.000 |
| | 2N6040 | PS 58 B | | MOT | 60 | 60 | 5.0 | 8.000 | 75.000 C | 150J | 4.000 G | 500UA 60 | 500 4.000 |
| | 2N6041 | PS 58 B | | MOT | 80 | 80 | 5.0 | 8.000 | 75.000 C | 150J | 4.000 G | 500UA 80 | 500 4.000 |
| | 2N6042 | PS 58 B | | MOT | 100 | 100 | 5.0 | 8.000 | 75.000 C | 150J | 4.000 G | 500UA 100 | 500 3.000 |
| | 2N6043 | NS 58 B | | MOT | 60 | 60 | 5.0 | 8.000 | 75.000 C | 150J | 4.000 G | 500UA 60 | 500 4.000 |
| | 2N6044 | NS 58 B | | MOT | 80 | 80 | 5.0 | 8.000 | 75.000 C | 150J | 4.000 G | 500UA 80 | 500 4.000 |
| | 2N6045 | NS 58 B | | MOT | 100 | 100 | 5.0 | 8.000 | 75.000 C | 150J | 4.000 G | 500UA 100 | 500 3.000 |
| | 2N6046 | NS 561 | 63 | WHE | 70 | 60 | 7.0 | 20.000 | 114.000 H | 200J | 30.000 G | 5MA 70 | 45 20.000 |
| | 2N6047 | NS 561 | 63 | WHE | 110 | 100 | 7.0 | 20.000 | 114.000 H | 200J | 30.000 G | 5MA 110 | 45 20.000 |
| | 2N6048 | NS 561 | 63 | WHE | 150 | 140 | 7.0 | 20.000 | 114.000 H | 200J | 30.000 G | 5MA 150 | 45 20.000 |
| | 2N6049 | PS 605 | 66 | MOT | 90 | 55 | 7.0 | 4.000 | 75.000 C | 200J | 3.000 G | 1MA 90 | 50 .500 |
| | 2N6050 | PS 605 | 3 | MOT | 60 | 60 | 5.0 | 12.000 | 150.000 C | 200J | 4.000 G | 500UA 60 | 200 6.000 |
| | 2N6051 | PS 605 | 3 | MOT | 80 | 80 | 5.0 | 12.000 | 150.000 C | 200J | 4.000 G | 500UA 80 | 200 6.000 |
| | 2N6052 | PS 605 | 3 | MOT | 100 | 100 | 5.0 | 12.000 | 150.000 C | 200J | 4.000 G | 500UA 100 | 200 6.000 |
| | 2N6053 | PS 605 | 3 | MOT | 60 | 60 | 5.0 | 8.000 | 100.000 C | 200J | 4.000 G | 500UA 60 | 200 4.000 |
| | 2N6054 | PS 605 | 3 | MOT | 80 | 80 | 5.0 | 8.000 | 100.000 C | 200J | 4.000 G | 500UA 80 | 200 4.000 |
| | 2N6055 | NS 605 | 3 | MOT | 60 | 60 | 5.0 | 8.000 | 100.000 C | 200J | 4.000 G | 500UA 60 | 4.000 |
| | 2N6056 | NS 605 | 3 | MOT | 80 | 80 | 5.0 | 8.000 | 100.000 C | 200J | 4.000 G | 500UA 80 | 4.000 |
| | 2N6057 | NS 605 | 3 | MOT | 60 | 60 | 5.0 | 12.000 | 150.000 C | 200J | 4.000 G | 500UA 60 | 200 6.000 |
| | 2N6058 | NS 605 | 3 | MOT | 80 | 80 | 5.0 | 12.000 | 150.000 C | 200J | 4.000 G | 500UA 80 | 200 6.000 |
| | 2N6059 | NS 605 | 3 | MOT | 100 | 100 | 5.0 | 12.000 | 150.000 C | 200J | 4.000 G | 500UA 100 | 200 6.000 |
| | 2N6112 | NS 51 A | | UPG | 50 | 30 | 5.0 | | .360 A | 150S | 160.000 G | 10NA 50 | 330 .002 |
| | 2N6135 | NS 962 E | | MOT | 35 | 25 | 3.5 | .250 | 2.500 C | 200S | 1100.000 G | 10UA 18 | 85 .080 |
| | 2N6166 | SEE RF POWER SECTION | | | | | | | | | | | |
| | 2N6182 | PS 561 | 59 | MOT | 80 | 80 | 6.0 | 10.000 | 60.000 C | 200J | 30.000 G | 10UA 80 | 60 2.000 |
| | 2N6183 | PS 561 | 59 | MOT | 80 | 80 | 6.0 | 10.000 | 60.000 C | 200J | 30.000 G | 10UA 80 | 120 2.000 |
| | 2N6184 | PS 561 | 59 | MOT | 100 | 100 | 6.0 | 10.000 | 60.000 C | 200J | 30.000 G | 10UA 100 | 60 2.000 |
| | 2N6185 | PS 561 | 59 | MOT | 100 | 100 | 6.0 | 10.000 | 60.000 C | 200J | 30.000 G | 10UA 100 | 120 2.000 |
| | 2N6186 | PS 560 | 59 | MOT | 80 | 80 | 6.0 | 10.000 | 60.000 C | 200J | 30.000 G | 10UA 80 | 60 2.000 |
| | 2N6187 | PS 560 | 59 | MOT | 80 | 80 | 6.0 | 10.000 | 60.000 C | 200J | 30.000 G | 10UA 80 | 120 2.000 |
| | 2N6188 | PS 560 | 59 | MOT | 100 | 100 | 6.0 | 10.000 | 60.000 C | 200J | 30.000 G | 10UA 100 | 60 2.000 |
| | 2N6189 | PS 560 | 59 | MOT | 100 | 100 | 6.0 | 10.000 | 60.000 C | 200J | 30.000 G | 10UA 100 | 120 2.000 |
| | 2N6190 | PS 210 | 39 | MOT | 80 | 80 | 6.0 | 5.000 | 10.000 C | 200J | 30.000 G | 10UA 80 | 60 2.000 |
| | 2N6191 | PS 210 | 39 | MOT | 80 | 80 | 6.0 | 5.000 | 10.000 C | 200J | 30.000 G | 10UA 80 | 120 2.000 |
| | 2N6192 | PS 210 | 39 | MOT | 100 | 100 | 6.0 | 5.000 | 10.000 C | 200J | 30.000 G | 10UA 100 | 60 2.000 |
| | 2N6193 | PS 210 | 39 | MOT | 100 | 100 | 6.0 | 5.000 | 10.000 C | 200J | 30.000 G | 10UA 100 | 120 2.000 |
| | 2N6197 | SEE RF POWER SECTION | | | | | | | | | | | |
| | 2N6198 | SEE RF POWER SECTION | | | | | | | | | | | |
| | 2N6199 | SEE RF POWER SECTION | | | | | | | | | | | |
| | 2N6200 | SEE RF POWER SECTION | | | | | | | | | | | |
| | 2N6201 | SEE RF POWER SECTION | | | | | | | | | | | |
| | 2N6202 | SEE RF POWER SECTION | | | | | | | | | | | |
| | 2N6203 | SEE RF POWER SECTION | | | | | | | | | | | |
| | 2N6204 | SEE RF POWER SECTION | | | | | | | | | | | |
| | 2N6205 | SEE RF POWER SECTION | | | | | | | | | | | |
| | 2N6206 | SEE RF POWER SECTION | | | | | | | | | | | |
| | 2N6207 | SEE RF POWER SECTION | | | | | | | | | | | |
| | 2N6208 | SEE RF POWER SECTION | | | | | | | | | | | |
| | 2N6226 | PS 605 | 3 | MOT | 100 | 100 | 7.0 | 6.000 | 150.000 C | 200J | 1.000 G | 1MA 100 | 50 3.000 |
| | 2N6227 | PS 605 | 3 | MOT | 120 | 120 | 7.0 | 6.000 | 150.000 C | 200J | 1.000 G | 1MA 120 | 40 3.000 |
| | 2N6228 | PS 605 | 3 | MOT | 140 | 140 | 7.0 | 6.000 | 150.000 C | 200J | 1.000 G | 1MA 140 | 30 3.000 |
| | 2N6229 | PS 605 | 3 | MOT | 100 | 100 | 7.0 | 10.000 | 150.000 C | 200J | 1.000 G | 1MA 100 | 50 5.000 |
| | 2N6230 | PS 605 | 3 | MOT | 120 | 120 | 7.0 | 10.000 | 150.000 C | 200J | 1.000 G | 1MA 120 | 40 5.000 |
| | 2N6231 | PS 605 | 3 | MOT | 140 | 140 | 7.0 | 10.000 | 150.000 C | 200J | 1.000 G | 1MA 140 | 30 5.000 |
| | 2N6233 | NS 605 | 66 | MOT | 250 | 225 | 6.0 | 5.000 | 50.000 C | 200J | 20.000 G | 100UA 250 | 57 1.000 |
| | 2N6234 | NS 605 | 66 | MOT | 300 | 275 | 6.0 | 5.000 | 50.000 C | 200J | 20.000 G | 100UA 300 | 57 1.000 |
| | 2N6235 | NS 605 | 66 | MOT | 350 | 325 | 6.0 | 5.000 | 50.000 C | 200J | 20.000 G | 100UA 350 | 57 1.000 |
| | 2N6246 | PS 605 | 3 | RCA | 70 | 65R | 5.0 | 15.000 | 125.000 C | 200J | 10.000 G | 200UA 65 | 45 7.000 |
| | 2N6247 | PS 605 | 3 | RCA | 90 | 85R | 5.0 | 15.000 | 125.000 C | 200J | 10.000 G | 200UA 85 | 45 6.000 |
| | 2N6248 | PS 605 | 3 | RCA | 110 | 105R | 5.0 | 15.000 | 125.000 C | 200J | 10.000 G | 200UA 100 | 45 5.000 |
| | 2N6249 | NS 605 | 3 | RCA | 300 | 225 | 6.0 | 10.000 | 100.000 H | 200J | 2.500 G | 1MA 300 | 24 10.000 |
| | 2N6250 | NS 605 | 3 | RCA | 375 | 300 | 6.0 | 10.000 | 100.000 H | 200J | 2.500 G | 1MA 375 | 20 10.000 |
| | 2N6251 | NS 605 | 3 | RCA | 450 | 400 | 6.0 | 10.000 | 100.000 H | 200J | 2.500 G | 1MA 450 | 20 10.000 |
| | 2N6253 | NS 605 | 3 | RCA | 55 | 45 | 5.0 | 15.000 | 115.000 C | 200J | .800 G | 2MA 55 | 85 3.000 |
| | 2N6254 | NS 605 | 3 | RCA | 100 | 80 | 7.0 | 15.000 | 150.000 C | 200J | .800 G | 500UA 100 | 85 5.000 |
| | 2N6255 | SEE RF POWER SECTION | | | | | | | | | | | |
| | 2N6256 | SEE RF POWER SECTION | | | | | | | | | | | |
| | 2N6257 | NS 605 | 3 | RCA | 50 | 40 | 5.0 | 20.000 | 150.000 C | 200J | .200 G | 4MA 45 | 33 8.000 |
| | 2N6258 | NS 605 | 3 | RCA | 100 | 80 | 7.0 | 30.000 | 250.000 C | 200J | .400 G | 1MA 100 | 35 15.000 |
| | 2N6259 | NS 605 | 3 | RCA | 170 | 150 | 7.0 | 16.000 | 250.000 C | 200J | .200 G | 200UA 150 | 30 8.000 |
| | 2N6260 | NS 605 | 66 | RCA | 50 | 40 | 5.0 | 3.000 | 29.000 C | 200J | .800 G | 5MA 40 | 45 1.500 |
| | 2N6261 | NS 605 | 66 | RCA | 90 | 80 | 7.0 | 4.000 | 50.000 C | 200J | .800 G | 500UA 80 | 50 1.500 |
| | 2N6262 | NS 605 | 3 | RCA | 170 | 150 | 7.0 | 10.000 | 150.000 C | 200J | .800 G | 100UA 150 | 38 3.000 |
| | 2N6265 | SEE RF POWER SECTION | | | | | | | | | | | |
| | 2N6266 | SEE RF POWER SECTION | | | | | | | | | | | |
| | 2N6267 | SEE RF POWER SECTION | | | | | | | | | | | |
| | 2N6268 | SEE RF POWER SECTION | | | | | | | | | | | |
| | 2N6269 | SEE RF POWER SECTION | | | | | | | | | | | |
| | 2N6270 | NS 605 | 3 | TII | 100 | 80 | 8.0 | 30.000 | 150.000 H | 200J | 75.000 X | 1MA 100 | 45 15.000 |
| | 2N6271 | NS 605 | 63 | TII | 120 | 100 | 8.0 | 30.000 | 150.000 H | 200J | 75.000 X | 1MA 120 | 45 15.000 |
| | 2N6272 | NS 561 | 63 | TII | 100 | 80 | 8.0 | 30.000 | 150.000 H | 200J | 75.000 X | 1MA 100 | 45 15.000 |
| | 2N6273 | NS 561 | 63 | TII | 120 | 100 | 8.0 | 30.000 | 150.000 H | 200J | 75.000 X | 1MA 120 | 45 15.000 |
| | 2N6274 | NS 605 | 3 | MOT | 120 | 100 | 6.0 | 50.000 | 250.000 C | 200J | 30.000 G | 10UA 120 | 60 20.000 |
| | 2N6275 | NS 605 | 3 | MOT | 140 | 120 | 6.0 | 50.000 | 250.000 C | 200J | 30.000 G | 10UA 140 | 60 20.000 |
| | 2N6276 | NS 605 | 3 | MOT | 160 | 140 | 6.0 | 50.000 | 250.000 C | 200J | 30.000 G | 10UA 160 | 60 20.000 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | Frequency Response (MHz) | Condition | Cutoff $I_{CBO}$ @ $V_{CB}$ | | Gain $h_{FE}$ @ $I_C$(A) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2N6277 | NS 605 | 3 | MOT | 180 | 150 | 6.0 | 50.000 | 250.000 | C | 200 | J | 30.000 | G | 10UA | 180 | 60 | 20.000 |
| | 2N6278 | NS 561 | 63 | MOT | 120 | 100 | 6.0 | 50.000 | 250.000 | C | 200 | J | 30.000 | G | 10UA | 120 | 60 | 20.000 |
| | 2N6279 | NS 561 | 63 | MOT | 140 | 120 | 6.0 | 50.000 | 250.000 | C | 200 | J | 30.000 | G | 10UA | 140 | 60 | 20.000 |
| | 2N6280 | NS 561 | 63 | MOT | 160 | 140 | 6.0 | 50.000 | 250.000 | C | 200 | J | 30.000 | G | 10UA | 160 | 60 | 20.000 |
| | 2N6281 | NS 561 | 63 | MOT | 180 | 150 | 6.0 | 50.000 | 250.000 | C | 200 | J | 30.000 | G | 10UA | 180 | 60 | 20.000 |
| | 2N6282 | NS 605 | 3 | MOT | 60 | 60 | 5.0 | 20.000 | 160.000 | C | 200 | J | 4.000 | G | 500UA | 60 | 200 | 10.000 |
| | 2N6283 | NS 605 | 3 | MOT | 80 | 80 | 5.0 | 20.000 | 160.000 | C | 200 | J | 4.000 | G | 500UA | 80 | 200 | 10.000 |
| | 2N6284 | NS 605 | 3 | MOT | 100 | 100 | 5.0 | 20.000 | 160.000 | C | 200 | J | 4.000 | G | 500UA | 100 | 200 | 10.000 |
| | 2N6285 | PS 605 | 3 | MOT | 60 | 60 | 5.0 | 20.000 | 160.000 | C | 200 | J | 4.000 | G | 500UA | 60 | 200 | 10.000 |
| | 2N6286 | PS 605 | 3 | MOT | 80 | 80 | 5.0 | 20.000 | 160.000 | C | 200 | J | 4.000 | G | 500UA | 80 | 200 | 10.000 |
| | 2N6287 | PS 605 | 3 | MOT | 100 | 100 | 5.0 | 20.000 | 160.000 | C | 200 | J | 4.000 | G | 500UA | 100 | 200 | 10.000 |
| | 2N6288 | NS 54 | 220AB | RCA | 40 | 40 | 5.0 | 7.000 | 16.000 | H | 150 | J | .100 | G | 100UA | 37 | 70 | 6.500 |
| | 2N6289 | NS 53 | 220AA | RCA | 40 | 40 | 5.0 | 7.000 | 16.000 | H | 150 | J | .100 | G | 100UA | 37 | 70 | 6.500 |
| | 2N6290 | NS 54 | 220AB | RCA | 60 | 60 | 5.0 | 7.000 | 16.000 | H | 150 | J | .100 | G | 100UA | 56 | 70 | 6.500 |
| | 2N6291 | NS 53 | 220AA | RCA | 60 | 60 | 5.0 | 7.000 | 16.000 | H | 150 | J | .100 | G | 100UA | 56 | 70 | 6.500 |
| | 2N6292 | NS 54 | 220AB | RCA | 80 | 80 | 5.0 | 7.000 | 16.000 | H | 150 | J | .100 | G | 100UA | 75 | 70 | 6.500 |
| | 2N6293 | NS 53 | 220AA | RCA | 80 | 80 | 5.0 | 7.000 | 16.000 | H | 150 | J | .100 | G | 100UA | 75 | 70 | 6.500 |
| | 2N6294 | NS 605 | 66 | MOT | 60 | 60 | 5.0 | 4.000 | 50.000 | C | 200 | J | 4.000 | G | 500UA | 60 | 200 | 2.000 |
| | 2N6295 | NS 605 | 66 | MOT | 80 | 80 | 5.0 | 4.000 | 50.000 | C | 200 | J | 4.000 | G | 500UA | 80 | 200 | 2.000 |
| | 2N6296 | NS 605 | 66 | MOT | 60 | 60 | 5.0 | 4.000 | 50.000 | C | 200 | J | 4.000 | G | 500UA | 60 | 200 | 2.000 |
| | 2N6297 | NS 605 | 66 | MOT | 80 | 80 | 5.0 | 4.000 | 50.000 | C | 200 | J | 4.000 | G | 500UA | 80 | 200 | 2.000 |
| | 2N6298 | PS 605 | 66 | MOT | 60 | 60 | 5.0 | 8.000 | 75.000 | C | 200 | J | 4.000 | G | 500UA | 60 | 200 | 4.000 |
| | 2N6299 | PS 605 | 66 | MOT | 80 | 80 | 5.0 | 8.000 | 75.000 | C | 200 | J | 4.000 | G | 500UA | 80 | 200 | 4.000 |
| | 2N6300 | NS 605 | 66 | MOT | 60 | 60 | 5.0 | 8.000 | 75.000 | C | 200 | J | 4.000 | G | 500UA | 60 | 200 | 4.000 |
| | 2N6301 | NS 605 | 66 | MOT | 80 | 80 | 5.0 | 8.000 | 75.000 | C | 200 | J | 4.000 | G | 500UA | 80 | 200 | 4.000 |
| | 2N6302 | NS 605 | 3 | MOT | 140 | 120 | 7.0 | 16.000 | 150.000 | C | 200 | J | .200 | G | 2MA | 125 | 30 | 8.000 |
| | 2N6303 | PS 210 | 5 | MOT | 80 | 80 | 4.0 | 3.000 | 6.000 | C | 200 | S | 1.000 | G | 1UA | 80 | 68 | 1.500 |
| | 2N6304 | NS 217 | 72 | MOT | 30 | 15 | 3.5 | .050 | .200 | A | 200 | J | 60.000 | G | 1400.000 | G | 10NA | 5 |
| | 2N6305 | NS 217 | 72 | MOT | 30 | 15 | 3.5 | .050 | .200 | A | 200 | J | 1400.000 | G | 1200.000 | G | 10NA | 5 |
| | 2N6306 | NS 605 | 3 | MOT | 500 | 250 | 8.0 | 8.000 | 125.000 | C | 200 | J | 5.000 | G | 500UA | 450 | 34 | 3.000 |
| | 2N6307 | NS 605 | 3 | MOT | 600 | 300 | 8.0 | 8.000 | 125.000 | C | 200 | J | 5.000 | G | 500UA | 550 | 34 | 3.000 |
| | 2N6308 | NS 605 | 3 | MOT | 700 | 350 | 8.0 | 8.000 | 125.000 | C | 200 | J | 5.000 | G | 500UA | 650 | 27 | 3.000 |
| | 2N6312 | PS 605 | 66 | MOT | 40 | 40 | 5.0 | 5.000 | 75.000 | C | 200 | J | 4.000 | G | 50UA | 40 | 20 | 3.000 |
| | 2N6313 | PS 605 | 66 | MOT | 60 | 60 | 5.0 | 5.000 | 75.000 | C | 200 | J | 4.000 | G | 50UA | 60 | 20 | 3.000 |
| | 2N6314 | PS 605 | 66 | MOT | 80 | 80 | 5.0 | 5.000 | 75.000 | C | 200 | J | 4.000 | G | 50UA | 80 | 20 | 3.000 |
| | 2N6315 | NS 605 | 66 | MOT | 60 | 60 | 5.0 | 7.000 | 90.000 | C | 200 | J | 4.000 | G | 2MA | 60 | 40 | 2.500 |
| | 2N6316 | NS 605 | 66 | MOT | 80 | 80 | 5.0 | 7.000 | 90.000 | C | 200 | J | 4.000 | | 2MA | 80 | 40 | 2.500 |
| | 2N6317 | NS 605 | 66 | MOT | 60 | 60 | 5.0 | 7.000 | 90.000 | C | 200 | J | 4.000 | | 2MA | 60 | 40 | 2.500 |
| | 2N6318 | NS 605 | 66 | MOT | 80 | 80 | 5.0 | 7.000 | 90.000 | C | 200 | J | 4.000 | | 2MA | 80 | 40 | 2.500 |
| | 2N6322 | NS 605 | 3 | TII | 300 | 200 | 5.0 | 30.000 | 200.000 | H | 200 | J | 10.000 | G | 2MA | 300 | 78 | 5.000 |
| | 2N6323 | NS 605 | 3 | TII | 400 | 300 | 5.0 | 30.000 | 200.000 | H | 200 | J | 10.000 | G | 2MA | 400 | 68 | 5.000 |
| | 2N6324 | NS 561 | 63 | TII | 300 | 200 | 5.0 | 30.000 | 200.000 | H | 200 | J | 10.000 | G | 2MA | 300 | 78 | 5.000 |
| | 2N6325 | NS 561 | 63 | TII | 400 | 300 | 5.0 | 30.000 | 200.000 | H | 200 | J | 10.000 | G | 2MA | 300 | 68 | 5.000 |
| | 2N6326 | NS 605 | 3 | TII | 60 | 60 | 5.0 | 30.000 | 114.000 | H | 200 | J | 3.000 | G | 500UA | 60 | 13 | 30.000 |
| | 2N6327 | NS 605 | 3 | TII | 80 | 80 | 5.0 | 30.000 | 114.000 | H | 200 | J | 3.000 | G | 500UA | 80 | 13 | 30.000 |
| | 2N6328 | NS 605 | 3 | TII | 100 | 100 | 5.0 | 30.000 | 114.000 | H | 200 | J | 3.000 | G | 500UA | 100 | 13 | 30.000 |
| | 2N6329 | PS 605 | 3 | TII | 60 | 60 | 5.0 | 30.000 | 114.000 | H | 200 | J | 3.000 | G | 500UA | 60 | 13 | 30.000 |
| | 2N6330 | PS 605 | 3 | TII | 80 | 80 | 5.0 | 30.000 | 114.000 | H | 200 | J | 3.000 | G | 500UA | 80 | 13 | 30.000 |
| | 2N6331 | PS 605 | 3 | TII | 100 | 100 | 5.0 | 30.000 | 114.000 | H | 200 | J | 3.000 | G | 500UA | 100 | 13 | 30.000 |
| | 2N6338 | NS 605 | 3 | MOT | 120 | 100 | 6.0 | 25.000 | 200.000 | C | 200 | J | 40.000 | G | 10UA | 120 | 60 | 10.000 |
| | 2N6339 | NS 605 | 3 | MOT | 140 | 120 | 6.0 | 25.000 | 200.000 | C | 200 | J | 40.000 | G | 10UA | 140 | 60 | 10.000 |
| | 2N6340 | NS 605 | 3 | MOT | 160 | 140 | 6.0 | 25.000 | 200.000 | C | 200 | J | 40.000 | G | 10UA | 160 | 60 | 10.000 |
| | 2N6341 | NS 605 | 3 | MOT | 180 | 150 | 6.0 | 25.000 | 200.000 | C | 200 | J | 40.000 | G | 10UA | 180 | 60 | 10.000 |
| | 2N6354 | NS 605 | 3 | RCA | 150 | 130 | 6.5 | 10.000 | 80.000 | C | 200 | J | 80.000 | G | 5MA | 150 | 58 | 5.000 |
| | 2N6355 | NS 605 | 3 | MOT | 50 | 40 | 5.0 | 20.000 | 150.000 | C | 150 | J | .200 | G | 10MA | 40 | 400 | 10.000 |
| | 2N6356 | NS 605 | 3 | MOT | 50 | 40 | 5.0 | 20.000 | 150.000 | C | 150 | J | .200 | G | 10MA | 40 | 400 | 10.000 |
| | 2N6357 | NS 605 | 3 | MOT | 80 | 60 | 5.0 | 20.000 | 150.000 | C | 150 | J | .200 | G | 10MA | 60 | 800 | 10.000 |
| | 2N6358 | NS 605 | 3 | MOT | 80 | 60 | 5.0 | 20.000 | 150.000 | C | 150 | J | .200 | G | 10MA | 60 | 800 | 10.000 |
| | 2N6359 | NS 605 | 3 | MOT | 100 | 80 | 7.0 | 16.000 | 150.000 | C | 200 | J | .200 | G | 10MA | 80 | 30 | 8.000 |
| | 2N6360 | NS 605 | 3 | MOT | 120 | 100 | 7.0 | 12.000 | 150.000 | C | 200 | J | .200 | G | 10MA | 80 | 30 | 6.000 |
| | 2N6361 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2N6362 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2N6363 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2N6364 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2N6367 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2N6368 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2S024 | NS 730 | 53 | TII | 100 | 32 | 10.0 | 7.500 | 100.000 | C | | | 10.000 | G | | | 30 | 2.000 |
| | 2S025 | NS 730 | 53 | TII | 150 | 60 | 10.0 | 7.500 | 100.000 | C | | | 10.000 | G | | | 30 | 2.000 |
| | 2S026 | NS 730 | 53 | TII | 200 | 100 | 10.0 | 7.500 | 100.000 | C | | | 10.000 | G | | | 30 | 2.000 |
| | 2S57 | | | SEE 2SA57 | | | | | | | | | | | | | | |
| | 2S095A | NS 211 | 18 | TII | 20 | 15 | 5.0 | .200 | .300 | A | | | 300.000 | G | | | 90 | .010 |
| | 2S102 | NS 211 | 18 | TII | 60 | 45 | 6.0 | .050 | .400 | A | | | 150.000 | G | | | 32 | .005 |
| | 2S103 | NS 211 | 18 | TII | 60 | 45 | 6.0 | .050 | .400 | A | | | 150.000 | G | | | 65 | .005 |
| | 2S104 | NS 211 | 18 | TII | 60 | 45 | 6.0 | .050 | .400 | A | | | 150.000 | G | | | 130 | .005 |
| | 2S131 | NS 211 | 18 | TII | 15 | 12 | 5.0 | .200 | .300 | A | | | 220.000 | G | | | 30 | .010 |
| | 2S189 | | | SEE 2SB189 | | | | | | | | | | | | | | |
| | 2S301 | PS 210 | 5 | TII | 80 | 80 | 30.0 | .150 | .300 | A | | | .250 | G | | | 21 | .010 |
| | 2S302A | PS 210 | 5 | TII | 25 | 25 | 10.0 | .150 | .300 | A | | | .350 | G | | | 30 | .010 |
| | 2S303 | PS 210 | 5 | TII | 25 | 25 | 20.0 | .150 | .300 | A | | | .650 | G | | | 41 | .010 |
| | 2S304 | PS 210 | 5 | TII | 15 | 15 | 15.0 | .150 | .300 | A | | | 1.000 | G | | | 83 | .010 |
| | 2S305 | PS 210 | 5 | TII | 125 | 125 | 50.0 | .150 | .300 | A | | | .250 | G | | | 21 | .010 |
| | 2S306 | PS 210 | 5 | TII | 6 | 6 | 6.0 | .010 | .050 | A | | | 1.500 | G | | | 45 | .001 |
| | 2S307 | PS 210 | 5 | TII | 15 | 15 | 15.0 | .010 | .050 | A | | | 1.500 | G | | | 45 | .001 |
| | 2S321 | PS 170 L | | TII | 80 | 80 | 30.0 | .100 | .300 | A | | | .250 | G | | | 19 | .010 |
| | 2S322 | PS 170 L | | TII | 40 | 40 | 20.0 | .100 | .300 | A | | | .350 | G | | | 25 | .010 |
| | 2S322A | PS 170 L | | TII | 25 | 25 | 10.0 | .100 | .300 | A | | | .350 | G | | | 30 | .010 |
| | 2S323 | PS 170 L | | TII | 25 | 25 | 20.0 | .100 | .300 | A | | | .650 | G | | | 45 | .010 |
| | 2S324 | PS 170 L | | TII | 15 | 15 | 15.0 | .100 | .300 | A | | | 1.000 | G | | | 83 | .010 |
| | 2S325 | PS 170 L | | TII | 125 | 125 | 50.0 | .100 | .300 | A | | | .250 | G | | | 19 | .010 |
| | 2S326 | PS 170 L | | TII | 6 | 6 | 6.0 | .010 | .050 | A | | | 1.500 | G | | | 45 | .001 |
| | 2S327 | PS 170 L | | TII | 15 | 15 | 15.0 | .010 | .050 | A | | | 1.500 | G | | | 45 | .001 |
| | 2S501 | NS 211 | 18 | TII | 25 | 25 | 5.0 | .030 | .300 | A | | | 30.000 | G | | | 70 | .001 |
| | 2S502 | NS 211 | 18 | TII | 25 | 25 | 5.0 | .030 | .300 | A | | | 30.000 | G | | | 175 | .001 |
| | 2S503 | NS 211 | 18 | TII | 25 | 25 | 5.0 | .030 | .300 | A | | | 30.000 | G | | | 270 | .001 |
| | 2S512 | NS 211 | 18 | TII | 25 | 20 | 5.0 | .200 | .300 | A | | | 250.000 | G | | | 90 | .010 |
| | 2S3010 | PS 210 | 5 | TII | 40 | 40 | 20.0 | .150 | .300 | A | | | .100 | G | | | 21 | .010 |
| | 2S3020 | PS 210 | 5 | TII | 40 | 40 | 20.0 | .150 | .300 | A | | | .150 | G | | | 30 | .010 |
| | 2S3021 | PS 210 | 5 | TII | 15 | 15 | 10.0 | .150 | .300 | A | | | .150 | G | | | 23 | .010 |
| | 2S3030 | PS 210 | 5 | TII | 25 | 25 | 10.0 | .150 | .300 | A | | | .250 | G | | | 44 | .010 |
| | 2S3210 | PS 170 L | | TII | 40 | 40 | 20.0 | .150 | .300 | A | | | .100 | G | | | 21 | .010 |
| | 2S3220 | PS 170 L | | TII | 40 | 40 | 20.0 | .150 | .300 | A | | | .150 | G | | | 30 | .010 |
| | 2S3221 | PS 170 L | | TII | 15 | 15 | 10.0 | .150 | .300 | A | | | .150 | G | | | 23 | .010 |
| | 2S3230 | PS 170 L | | TII | 25 | 25 | 10.0 | .150 | .300 | A | | | .250 | G | | | 46 | .010 |
| | 2S3240 | PS 170 L | | TII | 15 | 15 | 10.0 | .150 | .300 | A | | | .400 | G | | | 60 | .010 |
| | 2SA12 | PG 120 | 1 | HIT | 16 | | .5 | .015 | .080 | A | 85 | J | 8.000 | B | 6UA | 12 | 56 | .001 |
| | 2SA13 | PG 120 | 1 | HIT | 12 | | .5 | .015 | .080 | A | 85 | J | 8.000 | B | 10UA | 12 | 56 | .001 |
| | 2SA15 | PG 120 | 1 | HIT | 16 | | .5 | .015 | .080 | A | 85 | J | 12.000 | B | 6UA | 12 | 60 | .001 |
| | 2SA16 | PG 120 | 1 | HIT | 12 | | .5 | .015 | .080 | A | 85 | J | 12.000 | B | 10UA | 12 | 60 | .001 |
| | 2SA17 | PG 120 | 1 | HIT | 22 | | .5 | .015 | .080 | A | 60 | A | 19.000 | B | 16UA | 12 | 250 | |
| | 2SA18 | PG 120 | 1 | HIT | 21 | 12 | 12.0 | .015 | .080 | A | 85 | J | 14.000 | B | 6UA | 12 | 150 | |
| | 2SA28 | | | SEE 2SA472 | | | | | | | | | | | | | | |
| | 2SA29 | | | SEE 2SA472-1 | | | | | | | | | | | | | | |
| - | 2SA41 | PG 120 | 1 | HIT | 35 | 20 | 20.0 | .040 | .130 | A | 70 | J | 6.000 | B | 6UA | 12 | 45 | |
| - | 2SA42 | PG 120 | 1 | HIT | 45 | 23 | 20.0 | .040 | .130 | A | 70 | J | 6.000 | B | 6UA | 12 | 45 | |
| | 2SA49 | PG 120 | 1 | TOS | 18 | | 12.0 | .005 | .060 | A | 75 | J | 6.000 | B | 10UA | 18 | 80 | .001 |
| | 2SA50 | PG 120 | 1 | TOS | 18 | | 12.0 | .024 | .055 | A | 75 | J | 9.300 | B | 3UA | 12 | 68 | .024 |
| | 2SA51 | | | SEE 2SA472 | | | | | | | | | | | | | | |
| | 2SA52 | PG 120 | 1 | TOS | 18 | | 12.0 | .005 | .060 | A | 75 | J | 4.000 | B | 10UA | 18 | 68 | .001 |
| | 2SA53 | PG 120 | 1 | TOS | 18 | | 12.0 | .005 | .060 | A | 75 | J | 3.000 | B | 10UA | 18 | 52 | .001 |
| - | 2SA57 | PG 128 | 44 | TOS | 18 | | .5 | .005 | .055 | A | 75 | J | 85.000 | B | 10UA | 18 | 44 | .001 |
| | 2SA58 | | | SEE 2SA518 | | | | | | | | | | | | | | |
| | 2SA58-G | | | SEE 2SA518-G | | | | | | | | | | | | | | |
| | 2SA60 | | | SEE 2SA471 | | | | | | | | | | | | | | |
| | 2SA60-G | | | SEE 2SA470-G | | | | | | | | | | | | | | |
| | 2SA65 | | | SEE 2SA282 | | | | | | | | | | | | | | |
| | 2SA66 | | | SEE 2SA283 | | | | | | | | | | | | | | |
| | 2SA67 | | | SEE 2SA284 | | | | | | | | | | | | | | |
| | 2SA69 | PG 75 | 7 | MAT | 20 | | .5 | .010 | .100 | A | 75 | J | 70.000 | B | 13UA | 6 | 40 | |
| | 2SA70 | PG 75 | 7 | MAT | 20 | | .5 | .010 | .100 | A | 75 | J | 70.000 | B | 13UA | 6 | 40 | |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff $I_{CBO}$ @ $V_{CB}$ | | Gain $h_{FE}$ @ $I_C$(A) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) Cond. | | | | | | |
| | 2SA71 | PG 75 | 7 | MAT | 20 | | .5 | .010 | .100 | A | 75J | 100.000 | B | 13UA | 6 | 40 | |
| | 2SA72 | | | SEE 2SA472-2,3 | | | | | | | | | | | | | |
| | 2SA73 | | | SEE 2SA472-4,5 | | | | | | | | | | | | | |
| - | 2SA74 | PG 128 | 44 | TOS | 50 | | .5 | .050 | .120 | A | 75J | 70.000 | B | 8UA | 12 | 110 | .001 |
| - | 2SA75 | PG 128 | 44 | TOS | 5 | | .5 | .050 | .120 | A | 75J | 30.000 | B | 8UA | 12 | 110 | .001 |
| - | 2SA76 | PG 128 | 44 | TOS | 18 | | .5 | .005 | .055 | A | 75J | 160.000 | B | 15UA | 18 | 110 | .001 |
| - | 2SA77 | PG 128 | 44 | TOS | 18 | | .5 | .005 | .055 | A | 75J | 70.000 | G | 12UA | 12 | 110 | .001 |
| | 2SA78 | | | SEE 2SA478-G | | | | | | | | | | | | | |
| - | 2SA80 | PG 128 | 44 | HIT | 20 | | .5 | .010 | .080 | A | 85J | 60.000 | B | 10UA | 12 | 80 | |
| - | 2SA81 | PG 128 | 44 | HIT | 20 | | .5 | .010 | .080 | A | 70A | 40.000 | B | 10UA | 12 | 80 | |
| - | 2SA82 | PG 128 | 44 | HIT | 20 | | .5 | .010 | .080 | A | 70A | 40.000 | B | 10UA | 12 | 80 | |
| - | 2SA83 | PG 128 | 44 | HIT | 25 | | .5 | .010 | .080 | A | 70A | 30.000 | B | 10UA | 12 | 80 | |
| - | 2SA84 | PG 128 | 44 | HIT | 25 | | .5 | .010 | .080 | A | 70A | 35.000 | B | 10UA | 12 | 80 | |
| - | 2SA85 | PG 128 | 44 | HIT | 25 | | 1.0 | .010 | .080 | A | 70A | 55.000 | B | 10UA | 12 | 80 | |
| - | 2SA86 | PG 128 | 44 | HIT | 45 | | 1.0 | .050 | .125 | A | 70J | 25.000 | B | 5UA | 12 | 80 | |
| | 2SA92 | | | SEE 2SA468 | | | | | | | | | | | | | |
| | 2SA92-G | | | SEE 2SA468-G | | | | | | | | | | | | | |
| | 2SA93 | | | SEE 2SA469 | | | | | | | | | | | | | |
| | 2SA93-G | | | SEE 2SA469-G | | | | | | | | | | | | | |
| | 2SA100 | PG 120 | 1 | MAT | 40 | | .7 | .010 | .060 | A | 75J | 10.000 | B | 16UA | 10 | | |
| | 2SA101 | PG 120 | 1 | MAT | 40 | | .7 | .010 | .060 | A | 75J | 15.000 | B | 16UA | 10 | | |
| | 2SA102 | PG 120 | 1 | MAT | 40 | | .7 | .010 | .060 | A | 75J | 25.000 | B | 16UA | 10 | | |
| | 2SA103 | PG 120 | 1 | MAT | 40 | | .7 | .010 | .060 | A | 75J | 35.000 | B | 16UA | 10 | | |
| | 2SA104 | PG 120 | 1 | MAT | 40 | | .7 | .010 | .060 | A | 75J | 50.000 | B | 16UA | 10 | | |
| | 2SA121 | PG 35 B | | SON | 15 | 15R | | .002 | .015 | A | 65J | 50.000 | B | 8UA | 15 | 40 | |
| | 2SA122 | PG 35 B | | SON | 15 | 15 | | .002 | .015 | A | 65J | 50.000 | B | 8UA | 15 | 40 | |
| - | 2SA123 | PG 35 B | | SON | 15 | 15R | | .002 | .015 | A | 65J | 50.000 | B | 8UA | 15 | 40 | |
| | 2SA124 | PG 35 B | | SON | 15 | 15 | | .002 | .015 | A | 65J | 90.000 | B | 8UA | 15 | 44 | |
| | 2SA125 | PG 35 B | | SON | 15 | 15 | | .002 | .015 | A | 65J | 100.000 | B | 4UA | 25 | 50 | |
| - | 2SA127 | PG 128 | 44 | TOS | 70 | | .5 | .050 | .150 | A | 75J | 25.000 | B | 50UA | 12 | 114 | .001 |
| - | 2SA128 | PG 128 | 44 | TOS | 40 | | | .600 | .170 | A | 75J | 15.000 | B | 50UA | 12 | 28 | .600 |
| - | 2SA129 | PG 128 | 44 | TOS | 40 | | | .600 | .170 | A | 75J | 15.000 | B | 50UA | 12 | 88 | .600 |
| | 2SA161 | PG 217 | 17 | SON | 20 | 15R | | .010 | .050 | A | 85J | VHFAMP | | 5UA | 15 | 6 | .001 |
| | 2SA162 | PG 217 | 17 | SON | 20 | 15R | | .010 | .050 | A | 85J | VHFAMP | | 5UA | 15 | 12 | .001 |
| | 2SA163 | PG 217 | 17 | SON | 20 | 15R | | .010 | .050 | A | 85J | VHFAMP | | 5UA | 15 | 24 | .001 |
| | 2SA165 | PG 217 | 17 | SON | 20 | 15R | | .010 | .050 | A | 85J | 300.000 | G | 5UA | 15 | 24 | .001 |
| | 2SA166 | NG 217 | 17 | SON | 20 | 15R | | .010 | .050 | A | 85J | VHFOSC | | 5UA | 15 | 10 | |
| - | 2SA175 | PG 128 | 44 | TOS | 18 | | .5 | .005 | .055 | A | 75J | 85.000 | B | 15UA | 18 | 110 | .001 |
| | 2SA182 | PG 120 J | | SAN | 25 | | 12.0 | .100 | .100 | A | 75J | 6.000 | G | 5UA | 15 | 50 | .030 |
| | 2SA201 | PG 120 J | | SAN | 15 | | 10.0 | .015 | .100 | A | 75J | 6.000 | G | 15UA | 15 | 50 | .001 |
| | 2SA202 | PG 120 J | | SAN | 15 | | 10.0 | .015 | .100 | A | 75J | 6.000 | G | 15UA | 15 | 55 | .001 |
| | 2SA203 | PG 120 J | | SAN | 15 | | 10.0 | .015 | .100 | A | 75J | 6.000 | G | 15UA | 15 | 30 | .001 |
| | 2SA208 | PG 210 | 5 | HIT | 20 | 15 | 12.0 | .400 | .120 | A | 85J | 3.000 | B | 20UA | 20 | 30 | 10.200 |
| | 2SA209 | PG 210 | 5 | HIT | 20 | 15 | 12.0 | .400 | .120 | A | 85J | 5.000 | B | 20UA | 20 | 60 | 10.200 |
| | 2SA210 | PG 210 | 5 | HIT | 20 | 15 | 12.0 | .400 | .120 | A | 85J | 10.000 | B | 20UA | 20 | 90 | 10.200 |
| - | 2SA211 | PG 210 | 5 | HIT | 18 | 12R | 10.0 | .100 | .120 | A | 85J | 4.000 | B | 10UA | 12 | 50 | |
| | 2SA212 | PG 210 | 5 | HIT | 25 | 15 | 12.0 | .100 | .120 | A | 85J | 4.000 | B | 5UA | 12 | 50 | |
| | 2SA217 | PG 210 | 5 | HIT | 25 | 12 | 12.0 | .100 | .120 | A | 85J | 14.000 | B | 5UA | 12 | 50 | |
| | 2SA219 | PG 120 J | | SAN | 20 | | 1.5 | .015 | .070 | A | 75J | 50.000 | G | 15UA | 15 | 100 | .001 |
| | 2SA221 | PG 120 J | | SAN | 20 | | 1.5 | .015 | .070 | A | 75J | 50.000 | G | 15UA | 15 | 180 | .001 |
| | 2SA222 | PG 120 J | | SAN | 20 | | 1.5 | .015 | .070 | A | 75J | 50.000 | G | 15UA | 15 | 120 | .001 |
| | 2SA223 | PG 120 J | | SAN | 20 | | 1.5 | .015 | .070 | A | 75J | 50.000 | G | 15UA | 15 | 150 | .001 |
| - | 2SA229 | PG 217 | 17 | TOS | 20 | | .2 | .005 | .070 | A | 85J | 400.000 | G | 10UA | 20 | 54 | .001 |
| - | 2SA230 | PG 217 | 17 | TOS | 20 | | .2 | .005 | .070 | A | 85J | 400.000 | G | 10UA | 20 | 54 | .001 |
| - | 2SA233 | PG 128 | 44 | HIT | 20 | | .5 | .010 | .080 | A | 85J | 90.000 | B | 30UA | 20 | 50 | |
| | 2SA234 | PG 128 | 44 | HIT | 20 | | .5 | .010 | .080 | A | 85J | 120.000 | B | 30UA | 20 | 60 | .001 |
| | 2SA235 | PG 128 | 44 | HIT | 20 | | .5 | .010 | .080 | A | 85J | 135.000 | B | 30UA | 20 | 80 | .001 |
| | 2SA236 | | | SEE 2SA472-4 | | | | | | | | | | | | | |
| | 2SA237 | | | SEE 2SA472-4,5,6 | | | | | | | | | | | | | |
| - | 2SA239 | PG 217 | 17 | TOS | 20 | | .2 | .005 | .075 | A | 85J | 125.000 | G | 10UA | 12 | 8 | |
| - | 2SA240 | PG 217 | 17 | TOS | 20 | | .2 | .005 | .075 | A | 85J | 125.000 | G | 10UA | 12 | 42 | |
| | 2SA241 | PG 75 | 7 | MAT | 20 | | .4 | .005 | .050 | A | 75J | 240.000 | G | 13UA | 10 | | |
| | 2SA246 | PG 128 | 44 | HIT | 30 | | .5 | .030 | .100 | A | 85J | 155.000 | B | 30UA | 30 | 70 | |
| - | 2SA247 | PG 128 | 44 | HIT | 10 | 10 | 1.2 | .030 | .100 | A | 85J | 200.000 | B | 5UA | 10 | 125 | |
| | 2SA248 | | | SEE 2SA479 | | | | | | | | | | | | | |
| - | 2SA250 | PG 120 | 1 | MAT | 100 | | .7 | .010 | .180 | C | 75J | 50.000 | G | 16UA | 10 | | |
| - | 2SA276 | PG 217 | 17 | TOS | 15 | | 2.0 | .030 | .075 | A | 75J | 130.000 | G | 5UA | 12 | 58 | .010 |
| - | 2SA277 | PG 210 | 5 | TOS | 18 | | 12.0 | .040 | .065 | A | 75J | 3.500 | B | 3UA | 12 | 64 | .024 |
| - | 2SA278 | PG 210 | 5 | TOS | 18 | | 12.0 | .040 | .065 | A | 75J | 11.000 | B | 3UA | 12 | 84 | .024 |
| | 2SA279 | PG 75 | 7 | MAT | 30 | | .5 | .030 | .250 | C | 75J | 150.000 | G | 6UA | 6 | 124 | |
| | 2SA282 | PG 210 | 5 | TOS | 18 | | 12.0 | .200 | .150 | A | 75J | 3.800 | B | 7UA | 12 | 60 | .100 |
| | 2SA283 | PG 210 | 5 | TOS | 18 | | 12.0 | .200 | .150 | A | 75J | 6.000 | B | 7UA | 12 | 66 | .100 |
| | 2SA284 | PG 210 | 5 | TOS | 18 | | 12.0 | .200 | .150 | A | 75J | 10.000 | B | 7UA | 12 | 76 | .100 |
| - | 2SA288 | PG 75 | 7 | HIT | 20 | | .5 | .010 | .080 | A | 85J | 530.000 | B | 30UA | 20 | 20 | |
| - | 2SA289 | PG 75 | 7 | HIT | 20 | | .5 | .010 | .080 | A | 85J | 550.000 | B | 30UA | 20 | 20 | |
| - | 2SA290 | PG 75 | 7 | HIT | 20 | | .5 | .010 | .080 | A | 85J | 550.000 | B | 30UA | 20 | 20 | |
| | 2SA304 | PG 210 | 5 | TOS | 18 | | 12.0 | .040 | .065 | A | 75J | 2.000 | B | 4UA | 12 | 76 | .001 |
| | 2SA305 | PG 210 | 5 | TOS | 18 | | 12.0 | .040 | .065 | A | 75J | 6.000 | B | 4UA | 12 | 76 | .001 |
| | 2SA311 | PG 210 | 5 | TOS | 40 | | 2.0 | .400 | .150 | A | 75J | 20.000 | B | 6UA | 12 | 68 | .400 |
| | 2SA312 | PG 210 | 5 | TOS | 40 | | 2.0 | .200 | .150 | A | 75J | 25.000 | B | 6UA | 12 | 68 | .200 |
| | 2SA313 | PG 210 | 5 | TOS | 18 | | .5 | .020 | .060 | A | 75J | 40.000 | B | 6UA | 12 | 78 | .001 |
| | 2SA314 | PG 210 | 5 | TOS | 18 | | .5 | .020 | .060 | A | 75J | 40.000 | B | 6UA | 12 | 78 | .001 |
| | 2SA315 | PG 210 | 5 | TOS | 18 | | .5 | .020 | .060 | A | 75J | 55.000 | B | 6UA | 12 | 78 | .001 |
| | 2SA316 | PG 210 | 5 | TOS | 18 | | .5 | .020 | .060 | A | 75J | 75.000 | B | 6UA | 12 | 78 | .001 |
| | 2SA321 | PG 120 J | | SAN | 20 | | 1.5 | .015 | .070 | A | 75J | 50.000 | G | 15UA | 15 | 70 | .001 |
| | 2SA322 | PG 120 J | | SAN | 20 | | 1.5 | .015 | .070 | A | 75J | 50.000 | G | 15UA | 15 | 70 | .001 |
| | 2SA323 | PG 120 JJ | | SAN | 20 | | 1.5 | .015 | .070 | A | 75J | 50.000 | G | 15UA | 15 | 120 | .001 |
| | 2SA324 | PG 120 JJ | | SAN | 20 | | 1.5 | .015 | .070 | A | 75J | 50.000 | G | 15UA | 15 | 70 | .001 |
| | 2SA331 | PG 120 JJ | | SAN | 20 | | 1.5 | | .120 | A | 75J | 50.000 | G | 15UA | 15 | 100 | .001 |
| | 2SA338 | PG 105 E | | MAT | 20 | | .5 | .005 | .050 | A | 75J | 10.000 | B | 16UA | 10 | 26 | |
| | 2SA339 | PG 105 E | | MAT | 20 | | .5 | .005 | .050 | A | 75J | 20.000 | B | 16UA | 10 | 54 | |
| | 2SA340 | PG 217 | 72 | MAT | 20 | | .5 | .010 | .063 | A | 75J | 70.000 | B | 13UA | 6 | 40 | |
| | 2SA341 | PG 217 | 72 | MAT | 20 | | .5 | .010 | .063 | A | 75J | 70.000 | B | 13UA | 6 | 40 | |
| | 2SA342 | PG 217 | 72 | MAT | 20 | | .5 | .010 | .063 | A | 75J | 100.000 | B | 13UA | 6 | 40 | |
| | 2SA344 | PG 128 | 44 | MAT | 30 | | .4 | .030 | .120 | A | 75J | 150.000 | G | 6UA | 6 | 40 | |
| | 2SA350 | PG 120 | 1 | HIT | 20 | | .5 | .010 | .080 | A | 85J | 55.000 | B | 10UA | 12 | 90 | .001 |
| | 2SA351 | PG 120 | 1 | HIT | 20 | | .5 | .010 | .080 | A | 85J | 45.000 | B | 10UA | 12 | 70 | .001 |
| | 2SA352 | PG 120 | 1 | HIT | 20 | | .5 | .010 | .080 | A | 85J | 35.000 | B | 10UA | 12 | 70 | .001 |
| | 2SA353 | PG 120 | 1 | HIT | 25 | | .5 | .010 | .080 | A | 85J | 35.000 | B | 10UA | 12 | 70 | .001 |
| | 2SA353A | PG 120 | 1 | HIT | 50 | | 1.0 | .010 | .080 | A | 85J | 30.000 | B | 10UA | 12 | 70 | .001 |
| | 2SA354 | PG 120 | 1 | HIT | 25 | | .5 | .010 | .080 | A | 85J | 40.000 | B | 10UA | 12 | 70 | .001 |
| | 2SA354A | PG 120 | 1 | HIT | 50 | | 1.0 | .010 | .080 | A | 85J | 30.000 | B | 10UA | 12 | 70 | .001 |
| | 2SA355 | PG 120 | 1 | HIT | 25 | | 1.0 | .010 | .080 | A | 85J | 45.000 | B | 10UA | 12 | 90 | .001 |
| | 2SA355A | PG 120 | 1 | HIT | 50 | | 1.0 | .010 | .080 | A | 85J | 30.000 | B | 10UA | 12 | 70 | .001 |
| | 2SA356 | PG 120 | 1 | HIT | 9 | | .5 | .010 | .080 | A | 85J | 25.000 | B | 15UA | 9 | 80 | |
| - | 2SA357 | PG 120 | 1 | HIT | 9 | | .5 | .010 | .080 | A | 85J | 325.000 | B | 15UA | 9 | 80 | |
| - | 2SA358 | PG 120 | 1 | HIT | 75 | | 1.0 | .050 | .125 | A | 85J | 45.000 | B | 12UA | 12 | 90 | |
| | 2SA372 | PG 210 | 18 | TOS | 15 | | 2.0 | .200 | .100 | A | 75J | 350.000 | G | 10UA | 12 | 58 | .010 |
| | 2SA377 | PG 217 | 72 | MAT | 20 | | .4 | .005 | .050 | A | 75J | 240.000 | G | 13UA | 10 | 20 | |
| | 2SA378 | PG 217 | 72 | MAT | 20 | | .4 | .005 | .050 | A | 75J | 300.000 | G | 13UA | 10 | 20 | |
| | 2SA379 | PG 217 | 72 | MAT | 20 | | .4 | .005 | .050 | A | 75J | 350.000 | G | 13UA | 10 | 20 | |
| | 2SA385 | PG 120 | 1 | MAT | 16 | | 10.0 | .010 | .080 | A | 75J | 5.000 | G | 12UA | 10 | 160 | |
| - | 2SA391 | PG 210 | 5 | OKI | 18 | | 12.0 | .200 | .150 | A | 85J | 3.000 | B | 6UA | 6 | 70 | |
| - | 2SA392 | PG 210 | 5 | OKI | 18 | | 12.0 | .200 | .150 | A | 85J | 6.000 | B | 6UA | 6 | 100 | |
| - | 2SA393 | PG 210 | 5 | OKI | 19 | | 12.0 | .200 | .150 | A | 85J | 9.500 | B | 6UA | 6 | 150 | |
| - | 2SA393A | PG 210 | 5 | OKI | 30 | | 12.0 | .200 | .200 | A | 85J | 9.500 | B | 6UA | 6 | 150 | |
| - | 2SA394 | PG 210 | 5 | OKI | 18 | | 12.0 | .200 | .150 | A | 85J | 14.000 | B | 6UA | 6 | 200 | |
| - | 2SA395 | PG 210 | 5 | OKI | 18 | | 12.0 | .200 | .150 | A | 85J | 19.000 | B | 6UA | 6 | 300 | |
| - | 2SA396 | PG 211 | 5 | OKI | 15 | 8 | 15.0 | .200 | .250 | A | 85J | 3.000 | B | 20UA | 12 | 80 | |
| - | 2SA397 | PG 211 | 5 | OKI | 23 | 12 | 15.0 | .200 | .250 | A | 85J | 5.000 | B | 15UA | 12 | 100 | |
| - | 2SA398 | PG 211 | 5 | OKI | 30 | 15 | 20.0 | .200 | .250 | A | 85J | 7.500 | B | 5UA | 12 | 120 | |
| - | 2SA399 | PG 211 | 5 | OKI | 30 | 15 | 20.0 | .200 | .250 | A | 85J | 10.000 | B | 6UA | 12 | 70 | |
| | 2SA401 | PG 128 | 44 | HIT | 30 | | .5 | .040 | .130 | A | 85J | 230.000 | B | 30UA | 30 | 70 | |
| | 2SA412 | PG 120 | 1 | HIT | 12 | 12 | 1.0 | .100 | .150 | A | 85J | 60.000 | G | 20UA | 30 | 70 | .030 |
| | 2SA413 | PG 218 | 18 | MAT | 20 | | 2.5 | .030 | .275 | C | 75J | 300.000 | G | 5UA | 5 | 100 | .030 |
| | 2SA414 | PG 212 | 5 | MAT | 30 | | 20.0 | .200 | .150 | C | 85J | 4.000 | G | 3UA | 5 | 30 | .200 |
| | 2SA415 | PG 212 | 5 | MAT | 30 | | 20.0 | .200 | .150 | C | 85J | 6.000 | G | 3UA | 5 | 40 | .200 |
| - | 2SA416 | PG 605 | 3 | MAT | 70 | | 1.5 | .700 | 6.000 | C | 75J | 60.000 | G | 1MA | 60 | 100 | .600 |
| | 2SA422 | PG 120 J | | SAN | 20 | | .4 | .005 | .050 | A | 85J | 31.900 | G | 30UA | 20 | 25 | .002 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) Cond. | | | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ $I_C$(A) | |
| | 2SA431 | | | SEE 2SC387 | | | | | | | | | | | | | |
| | 2SA431-G | | | SEE 2SA387-G | | | | | | | | | | | | | |
| | 2SA431A | | | SEE 2SC398 | | | | | | | | | | | | | |
| | 2SA431A-G | | | SEE 2SC397 | | | | | | | | | | | | | |
| - | 2SA432 | PG 217 | 17 | TOS | 20 | | .2 | .005 | .070 | A | 85J | 800.000 | G | 10UA | 20 | 54 | .001 |
| | 2SA432A | | | SEE 2SC398 | | | | | | | | | | | | | |
| - | 2SA433 | PG 128 | 44 | TOS | 18 | | .5 | .005 | .055 | A | 75J | 34.000 | G | 10UA | 12 | 56 | .001 |
| | 2SA435 | PG 280 A | | HIT | 20 | | .5 | .010 | .060 | A | 85J | 250.000 | G | 30UA | 20 | 66 | .003 |
| | 2SA436 | PG 280 A | | HIT | 20 | | .5 | .010 | .060 | A | 85J | 200.000 | G | 30UA | 20 | 30 | .003 |
| | 2SA437 | PG 280 A | | HIT | 20 | | .5 | .010 | .060 | A | 85J | 200.000 | G | 30UA | 20 | 30 | .003 |
| | 2SA438 | PG 280 A | | HIT | 20 | | .5 | .010 | .060 | A | 85J | 270.000 | G | 30UA | 20 | 30 | .003 |
| | 2SA440 | PG 79 A | | SAN | 20 | | .4 | .005 | .060 | A | 85J | 31.900 | G | 20UA | 20 | 80 | .002 |
| - | 2SA446 | PG 211 | 5 | TOS | 15 | | 2.0 | .200 | .200 | A | 75J | 350.000 | G | 10UA | 12 | 90 | .100 |
| | 2SA448 | NG 217 | 17 | SON | 15 | | .5 | .005 | .040 | A | 75J | 1600.000 | G | 10UA | 10 | | |
| | 2SA450 | PG 210 A | | HIT | 12 | 6 | 1.5 | .100 | .150 | A | 100J | 300.000 | G | 3UA | 6 | 48 | .050 |
| | 2SA451 | PG 210 A | | HIT | 12 | 6 | 1.5 | .100 | .150 | A | 100J | 300.000 | G | 3UA | 6 | 98 | .050 |
| | 2SA452 | PG 210 A | | HIT | 12 | 6 | 1.5 | .100 | .150 | A | 100J | 300.000 | G | 3UA | 6 | 208 | .050 |
| - | 2SA465 | PG 217 E | | MAT | 20 | | .3 | .005 | .050 | A | 75J | 600.000 | G | 13UA | 10 | | |
| | 2SA468 | PG 120 | 1 | TOS | 18 | | .5 | .010 | .055 | A | 85J | 45.000 | G | 8UA | 12 | 130 | .001 |
| | 2SA469 | PG 120 | 1 | TOS | 18 | | .5 | .010 | .055 | A | 85J | 30.000 | G | 8UA | 12 | 110 | .001 |
| | 2SA470 | PG 120 | 1 | TOS | 18 | | .5 | .010 | .055 | A | 85J | 35.000 | G | 8UA | 12 | 130 | .001 |
| | 2SA471-1 | PG 120 | 1 | TOS | 18 | | .5 | .010 | .055 | A | 85J | 35.000 | G | 10UA | 18 | 36 | .001 |
| | 2SA471-2 | PG 120 | 1 | TOS | 18 | | .5 | .010 | .055 | A | 85J | 35.000 | G | 10UA | 18 | 74 | .001 |
| | 2SA472-1 | PG 120 | 1 | TOS | 18 | | .5 | .010 | .085 | A | 85J | 20.000 | G | 10UA | 18 | 36 | .001 |
| | 2SA472-2 | PG 120 | 1 | TOS | 18 | | .5 | .010 | .085 | A | 85J | 20.000 | G | 10UA | 18 | 76 | .001 |
| | 2SA472-3 | PG 120 | 1 | TOS | 18 | | .5 | .010 | .085 | A | 85J | 20.000 | G | 10UA | 18 | 190 | .001 |
| | 2SA472-4 | PG 120 | 1 | TOS | 18 | | .5 | .010 | .085 | A | 85J | 10.000 | G | 10UA | 18 | 36 | .001 |
| | 2SA472-5 | PG 120 | 1 | TOS | 18 | | .5 | .010 | .085 | A | 85J | 10.000 | G | 10UA | 18 | 76 | .001 |
| | 2SA472-6 | PG 120 | 1 | TOS | 18 | | .5 | .010 | .085 | A | 85J | 10.000 | G | 10UA | 18 | 190 | .001 |
| | 2SA474 | PG 120 | 1 | TOS | 50 | | .5 | .050 | .120 | A | 85J | 60.000 | B | 8UA | 12 | 110 | .001 |
| | 2SA474-G | PG 120 | 1 | TOS | 50 | | .5 | .050 | .120 | A | 85J | 60.000 | B | 8UA | 12 | 110 | .001 |
| | 2SA478 | PG 120 | 1 | TOS | 40 | 40S | 2.0 | .200 | .125 | A | 85J | 40.000 | B | 8UA | 12 | 68 | .400 |
| | 2SA478-G | PG 120 | 1 | TOS | 40 | 40S | 2.0 | .200 | .125 | A | 85J | 40.000 | B | 8UA | 12 | 68 | .400 |
| | 2SA479 | PG 120 | 1 | TOS | 40 | 40S | 2.0 | .200 | .125 | A | 85J | 40.000 | B | 8UA | 12 | 68 | .400 |
| | 2SA479-G | PG 120 | 1 | TOS | 40 | 40S | 2.0 | .200 | .125 | A | 85J | 40.000 | B | 8UA | 12 | 68 | .400 |
| | 2SA485-BLU | PS 211 | 39 | TOS | | 80 | 5.0 | 1.500 | .800 | A | 150J | 20.000 | G | 10UA | 30 | 175 | .200 |
| | 2SA485-RED | PS 211 | 39 | TOS | | 80 | 5.0 | 1.500 | .800 | A | 150J | 20.000 | G | 10UA | 30 | 51 | .200 |
| | 2SA485-YEL | PS 211 | 39 | TOS | | 80 | 5.0 | 1.500 | .800 | A | 150J | 20.000 | G | 10UA | 30 | 85 | .200 |
| | 2SA486-BLU | PS 211 | 39 | TOS | | 50 | 5.0 | 1.500 | .800 | A | 150J | 20.000 | G | 10UA | 30 | 175 | .200 |
| | 2SA486-RED | PS 211 | 39 | TOS | | 50 | 5.0 | 1.500 | .800 | A | 150J | 20.000 | G | 10UA | 30 | 51 | .200 |
| | 2SA486-YEL | PS 211 | 39 | TOS | | 50 | 5.0 | 1.500 | .800 | A | 150J | 20.000 | G | 10UA | 30 | 85 | .200 |
| | 2SA495-ORG | PS 45 C | | TOS | 35 | 30 | 5.0 | .100 | .200 | A | 125J | 100.000 | G | 1UA | 15 | 105 | .010 |
| | 2SA495-ORG-G | PS 45 C | | TOS | 35 | 30 | 5.0 | .100 | .200 | A | 125J | 100.000 | G | 1UA | 15 | 105 | .010 |
| | 2SA495-RED | PS 45 C | | TOS | 35 | 30 | 5.0 | .100 | .200 | A | 125J | 100.000 | G | 1UA | 15 | 60 | .010 |
| | 2SA495-RED-G | PS 45 C | | TOS | 35 | 30 | 5.0 | .100 | .200 | A | 125J | 100.000 | G | 1UA | 15 | 60 | .010 |
| | 2SA495-YEL | PS 45 C | | TOS | 35 | 30 | 5.0 | .100 | .200 | A | 125J | 100.000 | G | 1UA | 15 | 180 | .010 |
| | 2SA495-YEL-G | PS 45 C | | TOS | 35 | 30 | 5.0 | .100 | .200 | A | 125J | 100.000 | G | 1UA | 15 | 180 | .010 |
| | 2SA496-ORG | PS 48 A | | TOS | 30 | | 5.0 | .800 | .550 | A | 125J | 50.000 | G | 1UA | 30 | 105 | .050 |
| | 2SA496-RED | PS 48 A | | TOS | 30 | | 5.0 | .800 | .550 | A | 125J | 50.000 | G | 1UA | 30 | 60 | .050 |
| | 2SA496-YEL | PS 48 A | | TOS | 30 | | 5.0 | .800 | .550 | A | 125J | 50.000 | G | 1UA | 30 | 180 | .050 |
| | 2SA497-ORG | PS 211 | 39 | TOS | 80 | | 5.0 | .800 | .600 | A | 150J | 30.000 | G | 1UA | 30 | 105 | .200 |
| | 2SA497-RED | PS 211 | 39 | TOS | 80 | | 5.0 | .800 | .600 | A | 150J | 30.000 | G | 1UA | 30 | 60 | .200 |
| | 2SA497-YEL | PS 211 | 39 | TOS | 80 | | 5.0 | .800 | .600 | A | 150J | 30.000 | G | 1UA | 30 | 180 | .200 |
| | 2SA498-ORG | PS 211 | 39 | TOS | 50 | | 5.0 | .800 | .630 | A | 150J | 30.000 | G | 1UA | 30 | 105 | .200 |
| | 2SA498-RED | PS 211 | 39 | TOS | 50 | | 5.0 | .800 | .600 | A | 150J | 30.000 | G | 1UA | 30 | 60 | .200 |
| | 2SA498-YEL | PS 211 | 39 | TOS | 50 | | 5.0 | .800 | .600 | A | 150J | 30.000 | G | 1UA | 30 | 180 | .200 |
| | 2SA499-ORG | PS 211 | 18 | TOS | 50 | 40 | 5.0 | .100 | .250 | A | 175J | 100.000 | G | 500NA | 15 | 90 | .010 |
| | 2SA499-RED | PS 211 | 18 | TOS | 50 | 40 | 5.0 | .100 | .250 | A | 175J | 100.000 | G | 500NA | 15 | 47 | .010 |
| | 2SA499-YEL | PS 211 | 18 | TOS | 50 | 40 | 5.0 | .100 | .250 | A | 175J | 100.000 | G | 500NA | 15 | 150 | .010 |
| | 2SA500-ORG | PS 211 | 18 | TOS | 30 | 20 | 5.0 | .100 | .250 | A | 175J | 100.000 | G | 500NA | 15 | 90 | .010 |
| | 2SA500-RED | PS 211 | 18 | TOS | 30 | 20 | 5.0 | .100 | .250 | A | 175J | 100.000 | G | 500NA | 15 | 47 | .010 |
| | 2SA500-YEL | PS 211 | 18 | TOS | 30 | 20 | 5.0 | .100 | .250 | A | 175J | 100.000 | G | 500NA | 15 | 150 | .010 |
| | 2SA503-GRN | PS 211 | 39 | TOS | 60 | 50 | 5.0 | .600 | .800 | A | 175J | 50.000 | G | 500NA | 30 | 175 | .150 |
| | 2SA503-ORG | PS 211 | 39 | TOS | 60 | 50 | 5.0 | .600 | .800 | A | 175J | 50.000 | G | 500NA | 30 | 52 | .150 |
| | 2SA503-YEL | PS 211 | 39 | TOS | 60 | 50 | 5.0 | .600 | .800 | A | 175J | 50.000 | G | 500NA | 30 | 188 | .150 |
| | 2SA504-GRN | PS 211 | 39 | TOS | 40 | 30 | 5.0 | .600 | .800 | A | 175J | 50.000 | G | 500NA | 30 | 175 | .150 |
| | 2SA504-ORG | PS 211 | 39 | TOS | 40 | 30 | 5.0 | .600 | .800 | A | 175J | 50.000 | G | 500NA | 30 | 52 | .150 |
| | 2SA504-YEL | PS 211 | 39 | TOS | 40 | 30 | 5.0 | .600 | .800 | A | 175J | 50.000 | G | 500NA | 30 | 188 | .150 |
| | 2SA505-ORG | PS 48 A | | TOS | 50 | | 5.0 | .800 | .550 | A | 125J | 50.000 | G | 1UA | 30 | 105 | .050 |
| | 2SA505-RED | PS 48 A | | TOS | 50 | | 5.0 | .800 | .550 | A | 125J | 50.000 | G | 1UA | 30 | 60 | .050 |
| | 2SA505-YEL | PS 48 A | | TOS | 50 | | 5.0 | .800 | .550 | A | 125J | 50.000 | G | 1UA | 30 | 180 | .050 |
| | 2SA510-ORG | PS 211 | 39 | TOS | 120 | 100 | 5.0 | 1.500 | .800 | A | 175J | 20.000 | G | 1UA | 30 | 98 | .200 |
| | 2SA510-RED | PS 211 | 39 | TOS | 120 | 100 | 5.0 | 1.500 | .800 | A | 175J | 20.000 | G | 1UA | 30 | 52 | .200 |
| | 2SA511-ORG | PS 211 | 39 | TOS | 100 | 80 | 5.0 | 1.500 | .800 | A | 175J | 20.000 | G | 1UA | 30 | 98 | .200 |
| | 2SA511-RED | PS 211 | 39 | TOS | 100 | 80 | 5.0 | 1.500 | .800 | A | 175J | 20.000 | G | 1UA | 30 | 52 | .200 |
| | 2SA512-ORG | PS 211 | 39 | TOS | 80 | 60 | 5.0 | 1.500 | .800 | A | 175J | 20.000 | G | 1UA | 30 | 98 | .200 |
| | 2SA512-RED | PS 211 | 39 | TOS | 80 | 60 | 5.0 | 1.500 | .800 | A | 175J | 20.000 | G | 1UA | 30 | 52 | .200 |
| | 2SA513-ORG | PS 211 | 39 | TOS | 60 | 40 | 5.0 | 1.500 | .800 | A | 175J | 20.000 | G | 1UA | 30 | 98 | .200 |
| | 2SA513-RED | PS 211 | 39 | TOS | 60 | 40 | 5.0 | 1.500 | .800 | A | 175J | 20.000 | G | 1UA | 30 | 52 | .200 |
| | 2SA518 | PG 120 | 1 | TOS | 18 | | .5 | .010 | .055 | A | 85J | 35.000 | B | 10UA | 18 | 110 | .001 |
| | 2SA518-G | PG 120 | 1 | TOS | 18 | | .5 | .010 | .055 | A | 85J | 35.000 | B | 10UA | 18 | 110 | .001 |
| | 2SA530 | PS 210 A | | HIT | 50 | 35 | .5 | .100 | .200 | A | 175J | 200.000 | G | 1UA | 20 | 65 | .010 |
| | 2SA532 | PS 211 | 39 | SAN | 75 | 75R | 5.0 | 5.000 | .300 | C | 175J | 40.000 | G | 50UA | 75 | 60 | .010 |
| | 2SA535 | PS 211 | 39 | SAN | 120 | 120R | 5.0 | .700 | .300 | C | 175J | 40.000 | G | 100UA | 120 | 60 | .010 |
| | 2SA536 | PS 211 | 39 | SAN | 75 | 75R | 5.0 | .700 | .500 | C | 175J | 40.000 | G | 100UA | 75 | 60 | .010 |
| | 2SA537 | PS 211 | 5 | HIT | 60 | 50 | 4.0 | .700 | .750 | A | 200J | 200.000 | G | | | 80 | .050 |
| | 2SA537A | PS 211 | 5 | HIT | 90 | 80 | 4.0 | .700 | .750 | A | 200J | 200.000 | G | | | 80 | .050 |
| | 2SA538 | PG 120 | 1 | TOS | 25 | 18S | 12.0 | .050 | .120 | A | 75J | 8.000 | B | 50UA | 25 | 60 | .001 |
| | 2SA538-G | PG 120 | 1 | TOS | 25 | 18S | 12.0 | .050 | .120 | A | 75J | 8.000 | B | 50UA | 25 | 60 | .001 |
| | 2SA539 | PS 42 | 92 | NEC | 60 | 45 | 5.0 | .200 | .250 | A | 125J | | | 100NA | 45 | 70 | .150 |
| | 2SA542 | PS 911 C | | NEC | 30 | 25R | 5.0 | .050 | .150 | A | 150J | 30.000 | G | 50NA | 25 | 100 | .001 |
| | 2SA543 | PS 911 C | | NEC | 30 | 25R | 5.0 | .050 | .150 | A | 150J | 30.000 | G | 50NA | 25 | 100 | .001 |
| | 2SA544 | PS 210 | 39 | NEC | 60 | 45 | 5.0 | .200 | .750 | A | 175J | 160.000 | G | 200NA | 45 | 100 | .010 |
| | 2SA545 | PS 42 A | | NEC | 60 | 55 | 5.0 | .200 | .400 | A | 125J | | | 200NA | 45 | 70 | .150 |
| | 2SA552 | PS 210 | 39 | NEC | 60 | 45 | 5.0 | .200 | .750 | A | 175J | 160.000 | G | 100NA | 45 | 100 | .010 |
| | 2SA561-GRN | PS 45 C | | TOS | | 50 | 5.0 | .150 | .300 | A | 125J | 70.000 | G | 100NA | 18 | 300 | .020 |
| | 2SA561-ORG | PS 45 C | | TOS | | 50 | 5.0 | .150 | .300 | A | 125J | 70.000 | G | 100NA | 18 | 105 | .020 |
| | 2SA561-RED | PS 45 C | | TOS | | 50 | 5.0 | .150 | .300 | A | 125J | 70.000 | G | 100NA | 18 | 60 | .020 |
| | 2SA561-YEL | PS 45 C | | TOS | | 50 | 5.0 | .150 | .300 | A | 125J | 70.000 | G | 100NA | 18 | 180 | .020 |
| | 2SA562-GRN | PS 45 C | | TOS | | 30 | 5.0 | .400 | .300 | A | 125J | 70.000 | G | 100NA | 18 | 300 | .100 |
| | 2SA562-ORG | PS 45 C | | TOS | | 30 | 5.0 | .400 | .300 | A | 125J | 70.000 | G | 100NA | 18 | 105 | .100 |
| | 2SA562-RED | PS 45 C | | TOS | | 30 | 5.0 | .400 | .300 | A | 125J | 70.000 | G | 100NA | 18 | 60 | .100 |
| | 2SA562-YEL | PS 45 C | | TOS | | 30 | 5.0 | .400 | .300 | A | 125J | 70.000 | G | 100NA | 18 | 180 | .100 |
| | 2SA571 | NS 210 | 39 | NEC | 60 | 45 | 5.0 | 1.000 | 5.000 | C | 175J | 200.000 | G | 100NA | 45 | 80 | .050 |
| | 2SA594 | PS 210 | 39 | NEC | 60 | 30 | 5.0 | .200 | .750 | A | 175J | 100.000 | G | 100NA | 30 | 85 | .010 |
| | 2SA603 | PS 210 | 18 | NEC | 60 | 40 | 8.0 | .200 | .300 | A | 150J | 150.000 | G | 500NA | 40 | 150 | .100 |
| | 2SA604 | NS 210 | 18 | NEC | 120 | 120X | 5.0 | .050 | .300 | A | 150J | | | 1UA | 100 | 150 | .001 |
| | 2SA605 | NS 210 | 18 | NEC | 180 | 160 | 5.0 | .050 | .300 | A | 150J | | | 100NA | 100 | 60 | .015 |
| | 2SA606 | PS 210 | 39 | NEC | 100 | 80 | 5.0 | .700 | .700 | A | 150J | 80.000 | G | 3UA | 80 | 100 | .200 |
| | 2SA607 | PS 631 | 37 | NEC | 100 | 80 | 5.0 | .700 | 1.000 | A | 150J | 80.000 | G | 3UA | 80 | 100 | .200 |
| | 2SA613 | PS 605 | 66 | NEC | 60 | 40R | 7.0 | 1.000 | 15.000 | A | 150J | | | 1UA | 40 | 80 | .500 |
| | 2SA614 | PS 605 | 66 | NEC | 80 | 60R | 7.0 | 1.000 | 15.000 | A | 150J | | | 1UA | 60 | 80 | .500 |
| | 2SB22 | PG 120 K | | SAN | 25 | | 12.0 | .200 | .300 | A | 85J | 1.000 | B | 15UA | 20 | 150 | .100 |
| | 2SB25 | | | SEE 2SB425 | | | | | | | | | | | | | |
| | 2SB25-G | | | SEE 2SB425-G | | | | | | | | | | | | | |
| | 2SB25-N | PG 605 | 3 | MAT | 60 | | 12.0 | .001 | .025 | A | 85J | 2.000 | B | 160UA | 12 | 50 | .001 |
| | 2SB26 | | | SEE 2SB426 | | | | | | | | | | | | | |
| | 2SB26-G | | | SEE 2SB426-G | | | | | | | | | | | | | |
| - | 2SB27 | PG 605 | 3 | SON | 15 | 15R | | .500 | 5.000 | C | 75J | .005 | E | 800UA | 15 | 30 | |
| - | 2SB28 | PG 605 | 3 | SON | 15 | 15R | | .500 | 5.000 | C | 75J | .005 | E | 800UA | 15 | 70 | |
| - | 2SB29 | PG 605 | 3 | SON | 15 | 15R | | .500 | 5.000 | C | 75J | .005 | E | 800UA | 15 | 120 | |
| - | 2SB30 | PG 605 | 3 | SON | 15 | 15R | | .500 | 5.000 | C | 75J | .005 | E | 800UA | 15 | 70 | |
| - | 2SB31 | PG 605 | 3 | SON | 15 | 15R | | .500 | 5.000 | C | 75J | .005 | E | 800UA | 15 | 120 | |
| - | 2SB40 | PG 120 | 1 | TOS | 40 | | 12.0 | .100 | .080 | A | 75J | .700 | B | 10UA | 12 | 94 | .100 |
| - | 2SB43 | PG 120 | 1 | TOS | 25 | | 12.0 | .050 | .150 | A | 75J | 1.000 | B | 10UA | 12 | 68 | .050 |
| - | 2SB43A | PG 120 | 1 | TOS | 45 | | 12.0 | .150 | .150 | A | 75J | 1.000 | B | 10UA | 12 | 68 | .050 |
| - | 2SB44 | PG 120 | 1 | TOS | 30 | | 12.0 | .050 | .080 | A | 75J | .500 | B | 10UA | 12 | 156 | .001 |
| | 2SB47 | | | SEE 2SB369-G | | | | | | | | | | | | | |
| - | 2SB49 | PG 210 | 5 | SON | 16 | 16R | | .100 | .140 | A | 65J | 1.300 | B | 16UA | 16 | 80 | |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | | | $h_{FE}$ @ $I_C$(A) | |
| - | 2SB50 | PG 210 | 5 | SON | 16 | 16R | | .100 | .140 | A | 65J | | 1.600 | B | 16UA 16 | 130 | |
| - | 2SB51 | PG 210 | 5 | SON | 30 | 20R | | .200 | .200 | A | 85J | | 1.000 | B | 16UA 30 | 40 | |
| - | 2SB52 | PG 210 | 5 | SON | 30 | 20R | | .200 | .200 | A | 85J | | 1.300 | B | 16UA 30 | 80 | |
| - | 2SB53 | PG 210 | 5 | SON | 30 | 25 | 15.0 | .250 | .200 | A | 85J | | 1.300 | B | 10UA 30 | 70 | |
| | 2SB54 | PG 120 | 1 | TOS | 30 | | 12.0 | .150 | .080 | A | 75J | | 1.000 | B | 14UA 30 | 74 | .001 |
| | 2SB55 | PG 120 | 1 | TOS | 60 | | 12.0 | .150 | .150 | A | 75J | | 1.000 | B | 14UA 30 | 80 | .050 |
| | 2SB56 | PG 120 | 1 | TOS | 30 | | 12.0 | .150 | .150 | A | 75J | | 1.000 | B | 14UA 30 | 80 | .050 |
| | 2SB56A | PG 120 | 1 | TOS | 45 | | 12.0 | .150 | .150 | A | 75J | | 1.000 | B | 14UA 12 | 80 | .050 |
| | 2SB62 | | | SEE 2SB462 | | | | | | | | | | | | | |
| | 2SB62-G | | | SEE 2SB462-G | | | | | | | | | | | | | |
| | 2SB63 | | | SEE 2SB463 | | | | | | | | | | | | | |
| | 2SB63-G | | | SEE 2SB463-G | | | | | | | | | | | | | |
| - | 2SB64 | PG 605 | 3 | TOS | 100 | | 1.0 | 6.000 | 25.000 | C | 75J | | 1.000 | B | 330UA 12 | 78 | 1.000 |
| | 2SB66 | PG 120 | 1 | HIT | 30 | | 12.0 | .070 | .150 | A | 85J | | .500 | B | 14UA 30 | 70 | |
| | 2SB67 | PG 55 B | | HIT | 55 | 32 | 12.0 | .150 | .185 | A | 70J | | 1.000 | B | 10UA 30 | 45 | |
| | 2SB67A | PG 55 B | | HIT | 60 | | 30.0 | .150 | .185 | A | 70J | | 1.000 | B | 10UA 30 | 45 | |
| | 2SB68 | PG 170 B | | HIT | 105 | 105 | 5.0 | .100 | .050 | A | 85J | | .350 | B | 14UA 25 | 50 | |
| - | 2SB69 | PG 605 | 3 | TOS | 60 | | 1.0 | 6.000 | 25.000 | C | 75J | | 1.000 | B | 330UA 12 | 78 | 1.000 |
| | 2SB73 | PG 120 | 1 | MAT | 18 | | 12.0 | .040 | .065 | A | 85J | | 1.000 | B | 7UA 12 | 80 | .001 |
| | 2SB75 | PG 120 | 1 | HIT | 25 | | 12.0 | .100 | .150 | A | 85J | | 2.000 | B | 14UA 30 | 70 | .001 |
| | 2SB75A | PG 120 | 1 | HIT | 45 | | 12.0 | .100 | .150 | A | 70J | | 2.000 | B | 25UA 45 | 70 | .001 |
| - | 2SB76 | PG 120 | 1 | HIT | 12 | | 2.5 | .100 | .150 | A | 85J | | 2.000 | B | 14UA 30 | 70 | |
| | 2SB77 | PG 120 | 1 | MAT,HIT | 30 | | 12.0 | .100 | .150 | A | 85J | | 1.000 | B | 10UA 30 | 80 | .050 |
| | 2SB77A | PG 120 | 1 | MAT,HIT | 60 | | 12.0 | .100 | .150 | A | 85J | | 1.000 | B | 10UA 30 | 80 | .050 |
| - | 2SB78 | PG 120 | 1 | HIT | 12 | | 2.5 | .070 | .150 | A | 60A | | AUD | | 14UA 30 | 100 | |
| - | 2SB80 | PG 605 C | | HIT | 25 | | 10.0 | 1.000 | 4.000 | C | 60A | | AUD | | 400UA 25 | 70 | |
| - | 2SB81 | PG 605 C | | HIT | 80 | 60 | 12.0 | .500 | 2.000 | C | 70J | | | | 50UA 50 | 70 | |
| - | 2SB82 | PG 605 C | | HIT | 100 | 60 | 12.0 | .500 | 2.000 | C | 70J | | | | 35UA 50 | 70 | |
| - | 2SB83 | PG 605 | 3 | HIT | 40 | 32S | 10.0 | 3.000 | 12.000 | C | 80J | | AUD | | 5MA 40 | 70 | |
| | 2SB84 | PG 605 | 3 | MAT | 60 | | 10.0 | 3.000 | 40.000 | C | 85J | | AUD | | 500UA 30 | 55 | 3.000 |
| | 2SB89 | PG 55 B | | HIT | 25 | 25S | 12.0 | .150 | .250 | A | 85J | | AUD | | 16UA 30 | 66 | .150 |
| | 2SB89A | PG 55 B | | HIT | 45 | 45S | 12.0 | .150 | .250 | A | 85J | | AUD | | 50UA 45 | 66 | .150 |
| - | 2SB94 | PG 120 | 1 | TOS | 25 | | 12.0 | .050 | .150 | A | 75J | | 1.000 | B | 14UA 25 | 76 | .050 |
| | 2SB122 | | | SEE 2SB424 | | | | | | | | | | | | | |
| | 2SB122-G | | | SEE 2SB424-G | | | | | | | | | | | | | |
| | 2SB124 | | | SEE 2SB236 | | | | | | | | | | | | | |
| | 2SB125 | | | SEE 2SB237 | | | | | | | | | | | | | |
| | 2SB126 | PG 605 | 3 | MAT | 32 | | 10.0 | 3.500 | 30.000 | C | 90J | | AUD | | 220UA 14 | 26 | 3.000 |
| | 2SB127 | PG 605 | 3 | MAT | 32 | | 12.0 | 3.500 | 30.000 | C | 90J | | AUD | | 220UA 14 | 56 | 3.000 |
| | 2SB128 | PG 605 | 3 | MAT | 80 | | 40.0 | 6.000 | 30.000 | C | 90J | | AUD | | 220UA 14 | 28 | 6.000 |
| | 2SB128A | PG 605 | 3 | MAT | 120 | | 60.0 | 6.000 | 30.000 | C | 90J | | AUD | | 220UA 14 | 28 | 6.000 |
| | 2SB129 | PG 605 | 3 | MAT | 80 | | 40.0 | 6.000 | 30.000 | C | 90J | | AUD | | 220UA 14 | 50 | 6.000 |
| | 2SB130 | PG 605 A | | MAT | 32 | | 10.0 | 1.500 | 6.500 | C | 75J | | AUD | | 100UA 14 | 50 | .040 |
| - | 2SB140 | PG 605 | 3 | SON | 40 | 20 | 12.0 | 1.500 | 12.000 | C | 85J | | .005 | E | 600UA 40 | 74 | |
| - | 2SB141 | PG 605 | 3 | SON | 60 | 40 | 12.0 | 1.500 | 12.000 | C | 85J | | .007 | E | 600UA 60 | 74 | |
| - | 2SB142 | PG 605 | 3 | SON | 30 | 30R | | 1.000 | 10.000 | C | 85J | | .005 | E | 1MA 30 | 24 | |
| - | 2SB143 | PG 605 | 3 | SON | 30 | 30R | | 1.000 | 10.000 | C | 85J | | .005 | E | 1MA 30 | 38 | |
| - | 2SB144 | PG 605 | 3 | SON | 30 | 30R | | 1.000 | 10.000 | C | 85J | | .005 | E | 1MA 30 | 76 | |
| - | 2SB145 | PG 605 | 3 | SON | 30 | 30R | | 1.000 | 10.000 | C | 85J | | .005 | E | 1MA 30 | 38 | |
| - | 2SB146 | PG 605 | 3 | SON | 30 | 30R | | 1.000 | 10.000 | C | 85J | | .005 | E | 1MA 30 | 76 | |
| | 2SB148 | | | SEE 2SB235 | | | | | | | | | | | | | |
| | 2SB149 | | | SEE 2SB425 | | | | | | | | | | | | | |
| | 2SB149-N | PG 605 | 3 | MAT | 40 | | 30.0 | 8.000 | 25.000 | C | 75J | | .250 | B | 230UA 12 | 54 | 8.000 |
| - | 2SB150 | PG 120 | 1 | TOS | 105 | | 50.0 | .040 | .050 | A | 75J | | .500 | B | 50UA 105 | 36 | .005 |
| | 2SB155 | PG 120 | 1 | HIT | 16 | | 2.5 | .300 | .150 | A | 85J | | .700 | B | 14UA 12 | 28 | .001 |
| | 2SB156 | PG 120 | 1 | HIT | 16 | 16S | 2.5 | .300 | .450 | C | 85J | | AUD | | 14UA 12 | 70 | .150 |
| | 2SB156A | PG 120 | 1 | HIT | 20 | 20S | 6.0 | .300 | .450 | C | 85J | | AUD | | 14UA 12 | 70 | .150 |
| | 2SB157 | PG 105 B | | MAT | 7 | | 7.0 | .005 | .010 | A | 55J | | VIDAMP | | 100UA 1 | 35 | |
| | 2SB158 | PG 105 B | | MAT | 7 | | 7.0 | .005 | .010 | A | 55J | | VIDAMP | | 100UA 1 | 55 | |
| | 2SB159 | PG 105 B | | MAT | 7 | | 7.0 | .005 | .010 | A | 55J | | VIDAMP | | 100UA 1 | 80 | |
| | 2SB160 | PG 105 B | | MAT | 7 | | 7.0 | .005 | .010 | A | 55J | | VIDAMP | | 120UA 2 | 75 | |
| | 2SB170 | PG 120 | 1 | MAT | 32 | | 10.0 | .010 | .125 | A | 75J | | VIDAMP | | 3UA 10 | 30 | |
| | 2SB171 | PG 120 | 1 | MAT | 32 | | 10.0 | .010 | .125 | A | 75J | | VIDAMP | | 3UA 10 | 50 | |
| | 2SB172 | PG 120 | 1 | MAT | 32 | | 10.0 | .125 | .125 | C | 75J | | VIDAMP | | 12UA 10 | 50 | .002 |
| | 2SB173 | PG 120 | 1 | MAT | 20 | | 10.0 | .010 | .125 | A | 75J | | VIDAMP | | 3UA 10 | 60 | |
| | 2SB175 | PG 120 | 1 | MAT | 32 | | 10.0 | .010 | .125 | A | 75J | | VIDAMP | | 3UA 10 | 100 | |
| | 2SB176 | PG 120 | 1 | MAT | 32 | | 10.0 | .125 | .125 | C | 75J | | VIDAMP | | 12UA 10 | 90 | .002 |
| | 2SB177 | PG 120 | 1 | MAT | 60 | | 10.0 | .125 | .125 | C | 75J | | VID AMP | | 12UA 10 | 90 | .002 |
| | 2SB178 | PG 120 G | | MAT | 20 | | 6.0 | .300 | .225 | C | 75J | | VID AMP | | 20UA 12 | 96 | .300 |
| | 2SB178A | PG 120 G | | MAT | 40 | | 6.0 | .300 | .225 | C | 75J | | VID AMP | | 20UA 12 | 96 | .300 |
| | 2SB178B | PG 120 G | | MAT | 60 | | 6.0 | .300 | .225 | C | 75J | | VID AMP | | 20UA 12 | 66 | .300 |
| | 2SB185 | PG 120 J | | SAN | 25 | | 12.0 | .150 | .200 | A | 85J | | 10.000 | B | 15UA 20 | 45 | |
| | 2SB186 | PG 120 J | | SAN | 25 | | 12.0 | .150 | .200 | A | 85J | | 10.000 | B | 15UA 20 | 100 | |
| | 2SB187 | PG 120 J | | SAN | 25 | | 12.0 | .150 | .200 | A | 85J | | 1.000 | B | 15UA 20 | 100 | .030 |
| | 2SB188 | PG 120 J | | SAN | 25 | | 12.0 | .150 | .200 | A | 85J | | 10.000 | B | 15UA 20 | 100 | |
| | 2SB189 | PG 120 F | | TOS | 25 | | 12.0 | .250 | .250 | A | 75J | | 1.000 | B | 14UA 25 | 80 | .100 |
| - | 2SB200 | PG 170 K | | TOS | 32 | | 12.0 | .400 | .250 | A | 75J | | .500 | B | 40UA 12 | 68 | .150 |
| - | 2SB200A | PG 170 K | | TOS | 45 | | 12.0 | .400 | .250 | A | 75J | | .800 | B | 40UA 12 | 68 | .150 |
| | 2SB201 | PG 211 | 5 | TOS | 35 | | 12.0 | .400 | .300 | A | 75J | | .500 | B | 30UA 12 | 112 | .150 |
| - | 2SB202 | PG 170 K | | TOS | 32 | | 12.0 | .400 | .250 | A | 75J | | .500 | B | 40UA 12 | 142 | .150 |
| | 2SB203 | PG 607 A | | SEJ | 40 | 30S | 40.0 | 20.000 | 80.000 | C | 85J | | | | 5MA 40 | 40 | |
| | 2SB204 | PG 607 A | | SEJ | 40 | 30S | 40.0 | 30.000 | 80.000 | C | 85J | | | | 5MA 40 | 100 | |
| | 2SB205 | PG 607 A | | SEJ | 80 | 60S | | 20.000 | 80.000 | C | 85J | | | | 5MA 80 | 40 | |
| | 2SB206 | PG 607 A | | SEJ | 80 | 60S | | 30.000 | 80.000 | C | 85J | | | | 5MA 80 | 100 | |
| | 2SB207 | PG 607 A | | SEJ | 100 | 75S | 40.0 | 20.000 | 80.000 | C | 85J | | | | 5MA 100 | 40 | |
| | 2SB208 | PG 607 A | | SEJ | 100 | 75S | 40.0 | 30.000 | 80.000 | C | 85J | | | | 5MA 100 | 100 | |
| | 2SB209 | PG 607 A | | SEJ | 40 | 30S | 40.0 | 20.000 | 80.000 | C | 85J | | .002 | E | 5MA 40 | 40 | |
| | 2SB210 | PG 607 A | | SEJ | 40 | 30S | 40.0 | 30.000 | 80.000 | C | 85J | | .002 | E | 5MA 40 | 100 | |
| | 2SB211 | PG 607 A | | SEJ | 80 | 60S | 40.0 | 20.000 | 80.000 | C | 85J | | .002 | E | 5MA 80 | 40 | |
| | 2SB212 | PG 607 A | | SEJ | 80 | 60S | 40.0 | 30.000 | 80.000 | C | 85J | | .002 | E | 5MA 80 | 100 | |
| | 2SB213 | PG 607 A | | SEJ | 100 | 75S | 40.0 | 20.000 | 80.000 | C | 85J | | .002 | E | 5MA 100 | 40 | |
| - | 2SB228 | PG 605 | 3 | HIT | 80 | 35 | 50.0 | 5.000 | 12.000 | C | 91J | | | | 250UA 30 | 35 | |
| - | 2SB229 | PG 605 | 3 | HIT | 100 | 40 | 50.0 | 5.000 | 12.000 | C | 91J | | | | 250UA 30 | 35 | |
| - | 2SB230 | PG 605 | 3 | HIT | 120 | 50 | 50.0 | 5.000 | 12.000 | C | 91J | | | | 250UA 30 | 35 | |
| | 2SB231 | | | SEE 2SC793 | | | | | | | | | | | | | |
| | 2SB231-G | | | SEE 2SC520A | | | | | | | | | | | | | |
| | 2SB235 | PG 405 A | | TOS | 80 | | 25.0 | 15.000 | 60.000 | C | 85J | | .300 | B | 1MA 12 | 90 | 15.000 |
| | 2SB236 | PG 405 A | | TOS | 60 | | 25.0 | 15.000 | 60.000 | C | 85J | | .300 | B | 1MA 12 | 90 | 15.000 |
| | 2SB237 | PG 405 A | | TOS | 36 | | 25.0 | 15.000 | 60.000 | C | 85J | | .300 | B | 1MA 12 | 90 | 15.000 |
| | 2SB257 | PG 120 | 1 | TOS | 18 | | 12.0 | .040 | .060 | A | 75J | | 5.000 | B | 3UA 12 | 100 | .001 |
| - | 2SB258 | PG 405 A | | TOS | 120 | | 1.0 | 15.000 | 60.000 | C | 75J | | 1.500 | B | 4MA 12 | 108 | 5.000 |
| - | 2SB259 | PG 405 A | | TOS | 80 | | 1.0 | 15.000 | 60.000 | C | 75J | | 1.500 | B | 4MA 12 | 108 | 5.000 |
| - | 2SB260 | PG 405 A | | TOS | 50 | | 1.0 | 15.000 | 60.000 | C | 75J | | 1.500 | B | 4MA 12 | 108 | 5.000 |
| | 2SB265 | PG 210 | 5 | TOS | 40 | | 12.0 | .100 | .170 | A | 75J | | 1.300 | B | 10UA 12 | 94 | .100 |
| - | 2SB274 | PG 605 | 3 | HIT | 120 | 80 | 1.5 | 6.000 | 50.000 | C | 91J | | 1.000 | B | 1MA 30 | 70 | |
| - | 2SB275 | PG 605 | 3 | HIT | 120 | 105 | 1.5 | 6.000 | 50.000 | C | 91J | | 1.000 | B | 1MA 30 | 70 | |
| - | 2SB276 | PG 605 | 3 | HIT | 120 | 105 | 1.5 | 10.000 | 50.000 | C | 91J | | 1.000 | B | 1MA 30 | 40 | |
| | 2SB282 | PG 605 | 3 | MAT | 80 | | 40.0 | 6.000 | 30.000 | C | 90J | | .250 | G | 100UA 1 | 30 | 6.000 |
| | 2SB283 | PG 605 | 3 | MAT | 60 | | 20.0 | 6.000 | 30.000 | C | 90J | | .250 | G | 100UA 1 | 70 | 6.000 |
| | 2SB284 | PG 605 | 3 | MAT | 60 | | 20.0 | 6.000 | 30.000 | C | 90J | | .250 | G | 100UA 1 | 40 | 6.000 |
| | 2SB285 | PG 605 | 3 | MAT | 80 | | 40.0 | 6.000 | 30.000 | C | 90J | | .250 | G | 100UA 1 | 40 | 6.000 |
| | 2SB290 | PG 210 | 5 | TOS | 18 | | 12.0 | .040 | .065 | A | 75J | | 5.000 | B | 4UA 12 | 100 | .001 |
| | 2SB291 | PG 210 | 5 | TOS | 30 | | 12.0 | .150 | .150 | A | 75J | | 1.000 | B | 10UA 12 | 78 | .001 |
| | 2SB292 | PG 210 | 5 | TOS | 30 | | 12.0 | .150 | .150 | A | 75J | | 1.000 | B | 10UA 12 | 72 | .050 |
| | 2SB292A | PG 210 | 5 | TOS | 60 | | 12.0 | .150 | .150 | A | 75J | | 1.000 | B | 10UA 12 | 72 | .050 |
| - | 2SB296 | PG 605 | 3 | TOS | 130 | | 3.0 | 10.000 | 35.000 | C | 75J | | .300 | B | 1MA 50 | 64 | 1.000 |
| | 2SB300 | | | SEE 2SC793 | | | | | | | | | | | | | |
| | 2SB300-G | | | SEE 2SC520A | | | | | | | | | | | | | |
| | 2SB301-G | | | SEE 2SC521A | | | | | | | | | | | | | |
| - | 2SB302 | PG 120 J | 1 | HIT | 10 | | 5.0 | .002 | .020 | A | 60A | | .007 | B | 6UA 12 | 80 | |
| | 2SB303 | PG 120 J | | SAN | 25 | | 12.0 | .020 | .100 | A | 85J | | 1.000 | B | 15UA 20 | 100 | |
| | 2SB306 | PG 210 | 5 | TOS | 105 | | 50.0 | .020 | .075 | A | 75J | | .900 | B | 10UA 105 | 56 | .002 |
| | 2SB309 | PG 605 | 3 | MAT | 75 | | 1.0 | 8.000 | 30.000 | C | 90J | | .017 | E | 220UA 1 | 62 | 1.000 |
| | 2SB309A | PG 605 | 3 | MAT | | 60R | 1.0 | 8.000 | 30.000 | C | 90J | | .017 | E | 150UA 1 | 62 | 1.000 |
| | 2SB324 | PG 120 | 1 | MAT | 32 | | 10.0 | .500 | .550 | C | 90J | | .015 | E | 10UA 10 | 100 | .300 |
| | 2SB331 | PG 405 | 36 | HIT | 40 | 25 | 20.0 | 15.000 | 80.000 | C | 100J | | .350 | B | 4MA 40 | 70 | |
| | 2SB332 | PG 405 | 36 | HIT | 60 | 45 | 40.0 | 15.000 | 80.000 | C | 100J | | .350 | B | 4MA 60 | 70 | |
| | 2SB333 | PG 405 | 36 | HIT | 80 | 55 | 40.0 | 15.000 | 80.000 | C | 100J | | .350 | B | 4MA 80 | 60 | |
| | 2SB334 | PG 405 | 36 | HIT | 100 | 65 | 60.0 | 15.000 | 80.000 | C | 100J | | .350 | B | 4MA 100 | 30 | |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Condition | Cutoff $I_{CBO}$ @ $V_{CB}$ | | Gain $h_{FE}$ @ $I_C$(A) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. / Temp. (°C) Cond. | | | | | | |
| | 2SB335 | PG 105 E | | MAT | 20 | | 10.0 | .060 | .083 A | 75J | AUD | | 10UA | 10 | 60 | |
| | 2SB336 | PG 105 E | | MAT | 20 | | 10.0 | .060 | .083 C | 75J | AUD | | 10UA | 10 | 72 | |
| | 2SB337 | PG 605 | 3 | HIT | 40 | 30R | 1.0 | 7.000 | 12.000 C | 100J | AUD | | 1MA | 30 | 90 | 1.000 |
| | 2SB338 | PG 605 | 3 | HIT | 60 | | 10.0 | 7.000 | 12.000 C | 91J | AUD | | 1MA | 30 | 75 | |
| | 2SB339 | PG 605 | 3 | HIT | 80 | 35 | 50.0 | 10.000 | 12.000 C | 90J | .250 | B | 250UA | 30 | 110 | |
| | 2SB340 | PG 605 | 3 | HIT | 100 | 40 | 50.0 | 10.000 | 12.000 C | 90J | .250 | B | 250UA | 30 | 50 | |
| | 2SB341 | PG 605 | 3 | HIT | 120 | 50 | 50.0 | 10.000 | 12.000 C | 90J | .250 | B | 250UA | 30 | 50 | |
| | 2SB342 | PG 605 | 3 | SAN | 120 | 120R | 1.0 | 6.000 | 30.000 C | 85J | 1.500 | B | | | 50 | 5.000 |
| | 2SB343 | PG 605 | 3 | SAN | 150 | 150R | 1.0 | 6.000 | 30.000 C | 85J | 1.500 | B | | | 50 | 5.000 |
| | 2SB345 | PG 120 | 1 | MAT | 32 | | 10.0 | .100 | .165 A | 75J | .017 | E | 10UA | 10 | 124 | |
| | 2SB346 | PG 120 | 1 | MAT | 32 | | 10.0 | .100 | .165 A | 75J | .017 | E | 10UA | 10 | 180 | |
| | 2SB347 | PG 120 | 1 | MAT | 32 | | 10.0 | .100 | .165 A | 75J | .017 | E | 10UA | 10 | 124 | |
| | 2SB348 | PG 120 | 1 | MAT | 32 | | 10.0 | .100 | .165 A | 75J | .017 | E | 10UA | 10 | 180 | |
| | 2SB361 | PG 605 | 3 | HIT | 80 | 40 | 1.0 | 5.000 | 12.000 C | 90J | 5.000 | B | 500UA | 40 | 14 | |
| | 2SB362 | PG 605 | 3 | HIT | 100 | 40 | 1.0 | 7.000 | 12.000 C | 90J | 5.000 | B | 500UA | 40 | 14 | |
| | 2SB364 | PG 120 | 1 | TOS | 20 | | 12.0 | .400 | .150 A | 75J | 1.000 | B | 14UA | 20 | 98 | .100 |
| | 2SB365 | PG 120 | 1 | TOS | 20 | | 12.0 | .400 | .150 A | 75J | 1.000 | B | 14UA | 20 | 58 | .100 |
| | 2SB367 | PG 605 B | | HIT | 25 | 20 | 12.0 | 1.000 | 4.000 C | 85J | .500 | B | 100UA | 12 | 100 | .500 |
| | 2SB368 | PG 605 B | | HIT | 45 | 35 | 12.0 | 1.000 | 4.000 C | 85J | .500 | B | 100UA | 12 | 85 | .500 |
| | 2SB370 | PG 120 | 1 | HIT | 25 | 18 | 6.0 | .500 | .200 A | 85J | AUD | | 20UA | 12 | 150 | .150 |
| | 2SB370A | PG 120 | 1 | HIT | 32 | 25 | 12.0 | .500 | .200 A | 85J | AUD | | 20UA | 12 | 150 | .150 |
| | 2SB371 | PG 120 | 1 | MAT | 32 | | 10.0 | .200 | .165 C | 75J | .010 | E | 15UA | 10 | 120 | .050 |
| | 2SB375 | PG 605 | 3 | SAN | 150 | 150R | 1.0 | 9.000 | 30.000 C | 85J | 1.500 | B | | | 50 | 8.000 |
| | 2SB376 | PG 120 G | | MAT | 20 | | 6.0 | .300 | .225 C | 75J | AUD | | 20UA | 12 | 50 | .300 |
| | 2SB377 | PG 212 | 5 | SON | 32 | 32R | | .150 | .270 A | 85J | 1.400 | B | 10UA | 32 | 120 | .020 |
| | 2SB378 | PG 212 | 5 | SON | 18 | 16R | | .150 | .180 A | 65J | 1.300 | B | 10UA | 18 | 44 | .020 |
| | 2SB379 | PG 212 | 5 | SON | 18 | 16R | | .150 | .180 A | 85J | 1.500 | B | 10UA | 18 | 90 | .020 |
| | 2SB380 | PG 212 | 5 | SON | 18 | 16R | | .150 | .180 A | 85J | 1.700 | B | 10UA | 18 | 180 | .020 |
| | 2SB381 | PG 212 | 5 | SON | 32 | 30R | | .300 | .270 A | 85J | 1.300 | B | 10UA | 32 | 44 | .020 |
| | 2SB382 | PG 212 | 5 | SON | 32 | 30R | | .300 | .270 A | 85J | 1.500 | B | 10UA | 32 | 90 | .020 |
| | 2SB383 | PG 212 | 5 | SON | 32 | 30R | | .500 | .270 A | 85J | 1.500 | B | 10UA | 32 | 90 | .020 |
| | 2SB390 | PG 605 | 3 | SAN | 80 | 80R | 1.0 | 6.000 | 30.000 C | 85J | 1.500 | B | 5MA | 80 | 50 | 5.000 |
| | 2SB391 | PG 605 | 3 | SAN | 50 | 50R | 1.0 | 6.000 | 30.000 C | 85J | 1.500 | B | 5MA | 50 | 75 | 3.000 |
| - | 2SB392 | PG 210 | 5 | OKI | 20 | 20S | 13.0 | .200 | .150 A | 85J | | | 7UA | 12 | 100 | |
| - | 2SB393 | PG 210 | 5 | OKI | 28 | 20S | 13.0 | .200 | .150 A | 85J | | | 7UA | 12 | 44 | |
| - | 2SB394 | PG 210 | 5 | OKI | 28 | 20S | 13.0 | .200 | .150 A | 85J | | | 7UA | 12 | 90 | |
| - | 2SB395 | PG 210 | 5 | OKI | 28 | 20S | 13.0 | .200 | .150 A | 85J | | | 7UA | 12 | 160 | |
| - | 2SB396 | PG 210 | 5 | OKI | 40 | 40S | 13.0 | .200 | .150 A | 85J | | | 7UA | 12 | 68 | |
| | 2SB400 | PG 120 J | | SAN | 20 | | 10.0 | .040 | .100 A | 85J | 1.000 | B | 15UA | 20 | 120 | |
| | 2SB401 | PG 212 | 5 | MAT | 40 | | 10.0 | .300 | .240 C | 85J | .300 | G | 10UA | 10 | 40 | .600 |
| | 2SB402 | PG 212 | 5 | MAT | 60 | | 10.0 | .300 | .240 C | 85J | .300 | G | 10UA | 10 | 40 | .600 |
| | 2SB403 | PG 212 | 5 | MAT | 40 | | 20.0 | .300 | .240 C | 85J | .700 | G | 10UA | 10 | 80 | .600 |
| | 2SB405 | PG 120 J | | SAN | 25 | | | 1.000 | .720 C | 85J | .750 | B | 50UA | 20 | 120 | .200 |
| | 2SB407 | PG 605 | 3 | SAN | 30 | 30R | 10.0 | 7.000 | 30.000 C | 85J | .400 | G | 500UA | 30 | 80 | 1.000 |
| | 2SB410 | PG 605 | 3 | SAN | 60 | 360 | 1.0 | 15.000 | 40.000 C | 85J | 3.000 | G | 250UA | 30 | 60 | 1.000 |
| | 2SB411 | PG 605 | 3 | SAN | 60 | 360 | 1.0 | 15.000 | 40.000 C | 85J | .250 | G | 250UA | 30 | 60 | 1.000 |
| | 2SB413 | | | SEE 2SC490 | | | | | | | | | | | | |
| | 2SB413-G | | | SEE 2SC524 | | | | | | | | | | | | |
| | 2SB414 | | | SEE 2SC490 | | | | | | | | | | | | |
| | 2SB414-G | | | SEE 2SC525 | | | | | | | | | | | | |
| | 2SB415 | PG 120 | 1 | TOS | 32 | | 6.0 | 1.000 | .200 A | 85J | 1.000 | B | 14UA | 12 | 86 | .300 |
| - | 2SB416 | PG 210 | 5 | OKI | 25 | 25S | 13.0 | .120 | .150 A | 85J | | | 10UA | 12 | 70 | |
| - | 2SB417 | PG 210 | 5 | OKI | 45 | 45S | 13.0 | .120 | .150 A | 85J | | | 10UA | 12 | 70 | |
| - | 2SB418 | PG 210 | 5 | OKI | 70 | 70S | 13.0 | .120 | .150 A | 85J | | | 10UA | 12 | 70 | |
| | 2SB419 | PG 605 B | | HIT | 45 | | 1.5 | 1.500 | 6.000 C | 100J | AUD | | 250UA | 12 | 100 | .500 |
| - | 2SB421 | PG 170 K | | TOS | 80 | | 1.0 | .600 | .300 A | 85J | 2.500 | B | 50UA | 50 | 68 | .150 |
| | 2SB424 | PG 605 | 3 | TOS | 80 | | 40.0 | 3.000 | 30.000 C | 85J | .300 | B | 160UA | 12 | 62 | 1.000 |
| | 2SB425 | PG 605 | 3 | TOS | 60 | | 1.2 | 3.000 | 30.000 C | 85J | .300 | B | 160UA | 12 | 64 | 1.000 |
| | 2SB426 | PG 605 | 3 | TOS | 32 | | 1.2 | 3.000 | 30.000 C | 85J | .300 | B | 160UA | 12 | 64 | 1.000 |
| | 2SB434-ORG | PG 54 D | | TOS | 50 | | 5.0 | 3.000 | 25.000 C | 150J | 3.000 | G | 200UA | 20 | 105 | .500 |
| | 2SB434-RED | PG 54 D | | TOS | 50 | | 5.0 | 3.000 | 25.000 C | 150J | 3.000 | G | 200UA | 20 | 60 | .500 |
| | 2SB434-YEL | PG 54 D | | TOS | 50 | | 5.0 | 3.000 | 25.000 C | 150J | 3.000 | G | 200UA | 20 | 180 | .500 |
| | 2SB435-ORG | PG 54 D | | TOS | 35 | | 5.0 | 3.000 | 25.000 C | 150J | 3.000 | G | 200UA | 20 | 105 | .500 |
| | 2SB435-RED | PG 54 D | | TOS | 35 | | 5.0 | 3.000 | 25.000 C | 150J | 3.000 | G | 200UA | 20 | 60 | .500 |
| | 2SB435-YEL | PG 54 D | | TOS | 35 | | 5.0 | 3.000 | 25.000 C | 150J | 3.000 | G | 200UA | 20 | 180 | .500 |
| | 2SB439 | PG 120 | 1 | TOS | 30 | | 12.0 | .150 | .150 A | 75J | 2.000 | B | 14UA | 12 | 140 | .001 |
| | 2SB440 | PG 120 | 1 | TOS | 30 | | 12.0 | .150 | .150 A | 75J | 2.000 | B | 14UA | 12 | 140 | .001 |
| | 2SB443 | PG 120 | 1 | HIT | 18 | | 12.0 | .010 | .100 A | 85J | 3.000 | B | 10UA | 12 | 150 | .001 |
| | 2SB444 | PG 120 | 1 | HIT | 18 | | 12.0 | .010 | .100 A | 85J | 3.000 | B | 7UA | 12 | 160 | .001 |
| | 2SB448 | PG 605 A | | MAT | 32 | | 10.0 | 3.000 | 13.000 C | 90J | .015 | E | 1MA | 32 | 50 | 1.000 |
| | 2SB449 | PG 605 | 3 | MAT | 55 | | 20.0 | 3.500 | 22.500 C | 100J | .010 | E | 3MA | 14 | 86 | .003 |
| | 2SB459 | PG 120 | 1 | HIT | 30 | 18R | 2.5 | .050 | .120 A | 200J | AUD | | 12UA | 20 | 180 | .001 |
| | 2SB460 | PG 120 | 1 | HIT | 40 | 25R | 2.5 | .050 | .120 A | 200J | AUD | | 6UA | 20 | 190 | .001 |
| | 2SB462-BLU | PG 605 | 66 | TOS | | 60R | 12.0 | 2.000 | 6.000 C | 85J | .900 | B | 70UA | 12 | 150 | .500 |
| | 2SB462-BLU-G | PG 605 | 66 | TOS | | 60R | 12.0 | 2.000 | 6.000 C | 85J | .900 | B | 70UA | 12 | 150 | .500 |
| | 2SB462-RED | PG 605 | 66 | TOS | | 60R | 12.0 | 2.000 | 6.000 C | 85J | .900 | B | 70UA | 12 | 45 | .500 |
| | 2SB462-RED-G | PG 605 | 66 | TOS | | 60R | 12.0 | 2.000 | 6.000 C | 85J | .900 | B | 70UA | 12 | 45 | .500 |
| | 2SB462-YEL | PG 605 | 66 | TOS | | 60R | 12.0 | 2.000 | 6.000 C | 85J | .900 | B | 70UA | 12 | 75 | .500 |
| | 2SB462-YEL-G | PG 605 | 66 | TOS | | 60R | 12.0 | 2.000 | 6.000 C | 85J | .900 | B | 70UA | 12 | 75 | .500 |
| | 2SB463-BLU | PG 605 | 66 | TOS | | 32R | 12.0 | 2.000 | 6.000 C | 85J | .900 | B | 70UA | 12 | 150 | .500 |
| | 2SB463-BLU-G | PG 605 | 66 | TOS | | 32R | 12.0 | 2.000 | 6.000 C | 85J | .900 | B | 70UA | 12 | 150 | .500 |
| | 2SB463-RED | PG 605 | 66 | TOS | | 32R | 12.0 | 2.000 | 6.000 C | 85J | .900 | B | 70UA | 12 | 45 | .500 |
| | 2SB463-RED-G | PG 605 | 66 | TOS | | 32R | 12.0 | 2.000 | 6.000 C | 85J | .900 | B | 70UA | 12 | 45 | .500 |
| | 2SB463-YEL | PG 605 | 66 | TOS | | 32R | 12.0 | 2.000 | 6.000 C | 85J | .900 | B | 70UA | 12 | 75 | .500 |
| | 2SB463-YEL-G | PG 605 | 66 | TOS | | 32R | 12.0 | 2.000 | 6.000 C | 85J | .900 | B | 70UA | 12 | 75 | .500 |
| | 2SB468 | PG 605 | 3 | HIT | 200 | | 1.5 | 10.000 | 10.000 C | 85J | HOROSC | | 500UA | 30 | 46 | 4.000 |
| | 2SB468A | PG 605 | 3 | HIT | 270 | | 1.5 | 10.000 | 10.000 C | 85J | AUD | | 500UA | 30 | 46 | 4.000 |
| | 2SB471 | PG 605 | 3 | HIT | 60 | 45R | 10.0 | 10.000 | 30.000 C | 90J | .300 | B | 500UA | 30 | 90 | 1.000 |
| | 2SB472 | PG 605 | 3 | HIT | 80 | 45R | 10.0 | 10.000 | 30.000 C | 90J | .300 | B | 500UA | 30 | 90 | 1.000 |
| | 2SB473 | PG 605 F | | MAT | 32 | | 6.0 | 1.500 | 4.300 C | 90J | .015 | E | 15UA | 10 | 80 | .500 |
| | 2SB474 | PG 605 C | | SAN | 35 | 35R | 6.0 | 2.000 | 12.000 C | 85J | AUD | | 200UA | 25 | 100 | .200 |
| | 2SB475 | PG 120 | 1 | MAT | 20 | | 6.0 | .300 | .150 C | 75J | AUD | | 20UA | 12 | 60 | .150 |
| | 2SB481 | PG 605 F | | MAT | 32 | | 10.0 | 3.000 | 6.000 C | 90J | .015 | E | 1MA | 32 | 50 | 1.000 |
| | 2SB482 | PG 120 | 1 | TOS | 35 | | 12.0 | .050 | .120 A | 85J | 7.000 | G | 6UA | 20 | 205 | .001 |
| | 2SB486 | PG 120 | 1 | TOS | 25 | | 12.0 | .050 | .120 A | 85J | 7.000 | G | 6UA | 20 | 205 | .001 |
| | 2SB492 | PG 211 | 39 | SAN | 25 | 25R | 6.0 | 2.000 | 6.000 C | 85J | AUD | | 50UA | 20 | 100 | .200 |
| | 2SB496 | PG 120 | 1 | HIT | 25 | 18R | 2.5 | .250 | .300 A | 85J | 2.000 | B | 14UA | 12 | 90 | .050 |
| | 2SC13 | NG 210 | 5 | TOS | 18 | | 12.0 | .040 | .065 A | 75J | 3.500 | B | 9UA | 12 | 40 | .024 |
| | 2SC14 | NG 210 | 5 | TOS | 18 | | 12.0 | .040 | .065 A | 75J | 11.000 | B | 9UA | 12 | 40 | .024 |
| - | 2SC15-0 | NS 211 C | | SON | 30 | 30R | 5.0 | .050 | .750 A | 175J | 120.000 | B | 1UA | 30 | 120 | |
| - | 2SC15-1 | NS 211 C | | SON | 60 | 55R | 5.0 | .050 | .750 A | 175J | 120.000 | B | 1UA | 30 | 120 | |
| - | 2SC15-2 | NS 211 C | | SON | 90 | 85R | 5.0 | .050 | .750 A | 175J | 120.000 | B | 1UA | 30 | 120 | |
| - | 2SC15-3 | NS 211 C | | SON | 120 | 115R | 5.0 | .050 | .750 A | 175J | 120.000 | B | 1UA | 30 | 120 | |
| | 2SC16 | | | SEE 2SC400 | | | | | | | | | | | | |
| | 2SC16A | | | SEE 2SC400 | | | | | | | | | | | | |
| | 2SC17 | | | SEE 2SC400 | | | | | | | | | | | | |
| | 2SC17A | | | SEE 2SC400 | | | | | | | | | | | | |
| | 2SC18 | | | SEE 2SC105 | | | | | | | | | | | | |
| | 2SC19 | | | SEE 2SC504 | | | | | | | | | | | | |
| | 2SC20 | | | SEE 2SC504 | | | | | | | | | | | | |
| | 2SC21 | | | SEE 2SC521A | | | | | | | | | | | | |
| | 2SC22 | NS 170 | 8 | NEC | 75 | 50 | 5.0 | .600 | 13.000 A | 175J | 240.000 | G | 2UA | 50 | 50 | .150 |
| | 2SC23 | NS 170 | 8 | NEC | 75 | 50 | 5.0 | .500 | 2.000 C | 175J | 110.000 | G | 5UA | 50 | 50 | .150 |
| | 2SC24 | NS 170 | 8 | NEC | 100 | 70 | 5.0 | .500 | 2.000 C | 175J | 110.000 | G | 5UA | 70 | 50 | .150 |
| | 2SC30 | NS 210 | 39 | NEC | 60 | 30 | 5.0 | .080 | .500 A | 150J | 340.000 | G | 100NA | 30 | 45 | .010 |
| | 2SC31 | NS 210 | 39 | NEC | 60 | 25 | 5.0 | .200 | .750 A | 175J | 100.000 | G | 100NA | 30 | 35 | .010 |
| | 2SC32 | NS 210 | 39 | NEC | 60 | 25 | 5.0 | .200 | .750 A | 175J | 120.000 | G | 100NA | 30 | 60 | .010 |
| | 2SC33 | NS 217 | 17 | NEC | 45 | 20 | 3.0 | .050 | .150 A | 150J | 320.000 | G | 100NA | 20 | 55 | .005 |
| | 2SC34 | NG 35 E | | MAT | 20 | | 20.0 | .250 | .140 C | 75J | 3.500 | G | 3UA | 5 | 28 | .200 |
| | 2SC35 | NG 35 E | | MAT | 20 | | 20.0 | .400 | .140 C | 75J | 4.500 | G | 3UA | 5 | 130 | .200 |
| | 2SC36 | NG 35 E | | MAT | 20 | | 20.0 | .400 | .140 C | 75J | 9.000 | G | 3UA | 5 | 100 | .200 |
| | 2SC41 | NS 605 G | | SON | 150 | | | 5.000 | 50.000 C | 150J | 10.000 | B | 60MA | 150 | 50 | 1.000 |
| - | 2SC42 | NS 605 G | | SON | 150 | | | 5.000 | 50.000 C | 150J | 8.000 | B | 60MA | 150 | 80 | 1.000 |
| | 2SC42A | NS 605 G | | SON | 200 | 75 | 6.0 | 5.000 | 50.000 C | 150J | 8.000 | G | 30UA | 50 | 40 | 1.000 |
| | 2SC43 | NS 605 G | | SON | 100 | | 6.0 | 5.000 | 50.000 C | 150J | 8.000 | B | 60MA | 150 | 28 | 1.000 |
| | 2SC44 | NS 605 G | | SON | 50 | | 6.0 | 5.000 | 50.000 C | 150J | 8.000 | B | 60MA | 150 | 28 | 1.000 |
| | 2SC49 | NS 210 | 5 | NEC | 120 | 70 | 6.0 | .300 | .800 A | 175J | 80.000 | G | 500NA | 60 | 60 | .150 |
| | 2SC58A | NS 211 | 5 | MAT | 135 | | 5.0 | .050 | .750 A | 175J | 80.000 | G | 2UA | 12 | 40 | |
| | 2SC59 | NS 210 | 5 | NEC | 120 | 60 | 6.0 | .300 | .800 A | 175J | 80.000 | G | 500NA | 60 | 35 | .150 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. / Temp. (°C) Cond. | | | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ $I_C$(A) | |
| - | 2SC62 | NS 210 A | | HIT | 40 | 15 | 5.0 | .050 | .360 A | 200J | 300.000 | G | 25NA | 15 | | |
| | 2SC64 | NS 211 | 39 | SAN | 100 | | 2.0 | .050 | .600 A | 175J | 100.000 | G | 10UA | 100 | 35 | .005 |
| | 2SC65 | NS 211 | 39 | SAN | 150 | | 2.0 | .050 | .600 A | 175J | 100.000 | G | 10UA | 150 | 30 | .005 |
| | 2SC66 | NS 211 | 39 | SAN | 150 | | 2.0 | .050 | .600 A | 175J | 110.000 | G | 10UA | 150 | 55 | .005 |
| | 2SC67 | NS 210 | 18 | NEC | 40 | 40S | 5.0 | .200 | .360 A | 175J | 400.000 | G | 100NA | 15 | 80 | .010 |
| | 2SC68 | NS 210 | 18 | NEC | 40 | 15 | 5.0 | .200 | .360 A | 175J | 300.000 | G | 100NA | 15 | 100 | .010 |
| | 2SC69 | NS 210 | 5 | NEC | 120 | 60 | 6.0 | .300 | .800 A | 175J | 240.000 | G | 500NA | 60 | 50 | .150 |
| | 2SC70 | NS 210 | 5 | TOS | 180 | | 5.0 | .020 | .800 A | 150J | 50.000 | G | 1UA | 30 | 46 | .010 |
| | 2SC71 | NG 210 | 5 | TOS | 18 | | 12.0 | .200 | .150 A | 85J | 5.000 | G | 7UA | 12 | 100 | .100 |
| | 2SC72 | NG 210 | 5 | TOS | 18 | | 12.0 | .200 | .150 A | 85J | 7.000 | G | 7UA | 12 | 100 | .100 |
| | 2SC73 | NG 35 B | | SON | 15 | 15 | | .005 | .030 A | 75J | 6.500 | B | 8UA | 15 | 50 | |
| | 2SC74 | NS 210 | 5 | TOS | 30 | | 5.0 | .100 | .600 A | 150J | 125.000 | G | 500NA | 15 | 118 | .010 |
| | 2SC75 | NG 35 B | | SON | 15 | 15 | | .005 | .030 A | 75J | 4.000 | B | 8UA | 15 | 40 | |
| | 2SC76 | NG 35 B | | SON | 15 | 15 | | .005 | .030 A | 75J | 4.000 | B | 7UA | 15 | 40 | |
| | 2SC77 | NG 35 B | | SON | 15 | 15 | | .005 | .030 A | 75J | 4.000 | B | 7UA | 15 | 40 | |
| | 2SC78 | NG 35 B | | SON | 15 | 15 | | .005 | .030 A | 75J | 15.000 | B | 4UA | 25 | 50 | |
| | 2SC80 | NS 217 | 17 | NEC | 30 | 15 | 3.0 | .080 | .200 A | 175J | 100.000 | G | 100NA | 20 | 55 | .005 |
| | 2SC89 | NG 210 | 5 | HIT | 25 | 15 | 20.0 | .400 | .120 A | 85J | 3.000 | B | 25UA | 25 | 40 | .001 |
| | 2SC90 | NG 210 | 5 | HIT | 25 | 15 | 20.0 | .400 | .120 A | 85J | 5.000 | B | 25UA | 25 | 40 | .001 |
| | 2SC91 | NG 210 | 5 | HIT | 25 | 15 | 20.0 | .400 | .120 A | 85J | 10.000 | B | 25UA | 25 | 40 | .001 |
| | 2SC92 | NS 170 | 8 | NEC | 100 | 50 | 5.0 | 2.000 | 20.000 C | 175J | 280.000 | G | 100UA | 50 | 35 | .350 |
| | 2SC93 | NS 170 | 8 | NEC | 75 | 45 | 5.0 | 2.000 | 2.000 A | 175J | 80.000 | G | 100UA | 50 | 35 | .350 |
| | 2SC94 | NS 170 | 8 | NEC | 100 | 50 | 5.0 | 2.000 | 2.000 A | 175J | 80.000 | G | 100UA | 50 | 35 | .350 |
| | 2SC95 | | | SEE 2SC510 | | | | | | | | | | | | |
| | 2SC97 | NS 210 | 39 | NEC | 60 | 30 | 5.0 | 1.000 | .800 A | 175J | 90.000 | G | 1UA | 40 | 60 | .150 |
| | 2SC98 | NG 211 | 18 | MAT | 20 | | 5.0 | .100 | .300 C | 175J | 200.000 | G | 10UA | 20 | 45 | .010 |
| | 2SC99 | NG 211 | 18 | MAT | 20 | | 5.0 | .100 | .300 C | 175J | 200.000 | G | 10UA | 20 | 80 | .010 |
| | 2SC101 | NS 605 C | | TOS | 60 | | 5.5 | 2.000 | 60.000 C | 150J | 7.000 | G | 3MA | 20 | 74 | 1.000 |
| | 2SC105A | NS 605 | 66 | TOS | 70 | 50 | 5.0 | 5.000 | 35.000 C | 150J | 20.000 | G | 1MA | 50 | 105 | 1.000 |
| | 2SC102 | NS 405 A | | TOS | 50 | | 5.0 | 7.000 | 100.000 C | 150J | 8.000 | G | 30MA | 50 | 30 | 5.000 |
| | 2SC103 | | | SEE 2SC400 | | | | | | | | | | | | |
| | 2SC103A | | | SEE 2SC400 | | | | | | | | | | | | |
| | 2SC104 | | | SEE 2SC400 | | | | | | | | | | | | |
| | 2SC104A | | | SEE 2SC400 | | | | | | | | | | | | |
| | 2SC105 | NS 210 | 18 | TOS | 30 | | 5.0 | .080 | .250 A | 175J | 120.000 | G | 5NA | 15 | 80 | .001 |
| | 2SC106 | NS 170 | 8 | TOS | 60 | | 5.0 | 2.000 | 15.000 C | 150J | 30.000 | G | 3MA | 30 | 20 | .500 |
| | 2SC107 | NS 170 | 8 | TOS | 60 | | 5.0 | 1.500 | 15.000 C | 150J | 30.000 | G | 3MA | 30 | 20 | .500 |
| | 2SC108 | NS 210 | 5 | TOS | 90 | | 5.0 | .600 | .600 A | 150J | 100.000 | G | 1UA | 30 | 40 | .150 |
| | 2SC109 | NS 210 | 5 | TOS | 50 | | 5.0 | .600 | .600 A | 150J | 70.000 | G | 1UA | 30 | 40 | .150 |
| - | 2SC112 | NS 211 | 5 | HIT | 40 | 20 | 5.0 | .200 | .750 A | 175J | 180.000 | B | 1UA | 20 | 80 | |
| | 2SC113 | NS 211 | 5 | HIT | 50 | 25 | 5.0 | .200 | .750 A | 175J | 180.000 | B | 1UA | 20 | 80 | |
| - | 2SC115-1 | NS 211 C | | SON | 30 | 25R | 5.0 | .050 | .750 A | 175J | 100.000 | G | 3UA | 30 | 140 | |
| - | 2SC115-2 | NS 211 C | | SON | 45 | 45R | 5.0 | .050 | .750 A | 175J | 100.000 | G | 3UA | 30 | 140 | |
| - | 2SC115-3 | NS 211 C | | SON | 70 | 70R | 5.0 | .050 | .750 A | 175J | 100.000 | G | 3UA | 30 | 140 | |
| | 2SC116 | NS 211 | 5 | HIT | 50 | 25 | 5.0 | .200 | .750 A | 175J | 70.000 | G | 1UA | 20 | 52 | .200 |
| | 2SC117 | NS 171 | 8 | HIT | 75 | 50 | 5.0 | .600 | 2.000 A | 175J | 60.000 | G | 5UA | 40 | 10 | |
| - | 2SC118 | NS 171 | 8 | HIT | 80 | | 5.0 | .600 | 2.000 A | 175J | 70.000 | G | 5UA | 40 | 10 | |
| - | 2SC119 | NS 171 | 8 | HIT | 75 | | 5.0 | .600 | 2.000 A | 175J | 70.000 | G | 5UA | 40 | 10 | |
| | 2SC120 | NS 210 | 39 | NEC | 40 | 25 | 1.0 | .025 | .250 A | 150J | 80.000 | G | 100NA | 110 | 40 | .001 |
| | 2SC121 | NS 210 | 39 | NEC | 40 | 25 | 1.0 | .025 | .250 A | 175J | 80.000 | G | 1UA | 30 | 40 | .001 |
| | 2SC122 | NS 210 | 39 | NEC | 40 | 25 | 1.0 | .025 | .250 A | 175J | 80.000 | G | 1UA | 30 | 90 | .001 |
| | 2SC123 | NS 210 | 39 | NEC | 40 | 25 | 1.0 | .025 | .250 A | 175J | 80.000 | G | 1UA | 30 | 140 | .001 |
| | 2SC124 | NS 210 | 39 | NEC | 40 | 25 | 1.0 | .025 | .250 A | 175J | 80.000 | G | 200NA | 30 | 40 | .001 |
| - | 2SC125 | NS 211 C | | SON | 100 | 100R | 5.0 | .050 | .750 A | 175J | 100.000 | G | 3UA | 30 | 80 | |
| - | 2SC126 | NS 211 C | | SON | 140 | 140R | 5.0 | .050 | .750 A | 175J | 100.000 | G | 3UA | 30 | 80 | |
| | 2SC128 | NG 212 | 5 | MAT | 30 | | 20.0 | .100 | .125 C | 75J | 4.000 | G | 3UA | 5 | 30 | .200 |
| | 2SC129 | NG 212 | 5 | MAT | 25 | | 20.0 | .100 | .125 C | 75J | 6.000 | G | 3UA | 5 | 40 | .200 |
| | 2SC138 | NS 217 | 33 | NEC | 60 | 30 | 5.0 | .500 | 3.000 C | 175J | 320.000 | G | 1UA | 40 | 50 | .030 |
| | 2SC138A | NS 217 | 33 | NEC | 60 | 30 | 5.0 | .500 | .800 A | 175J | 360.000 | G | 1UA | 40 | 50 | .030 |
| | 2SC139 | NS 217 | 33 | NEC | 60 | 30 | 5.0 | .500 | .800 A | 175J | 250.000 | G | 150NA | 30 | 50 | .030 |
| - | 2SC141 | NS 211 | 18 | OKI | 20 | 12 | 4.0 | .200 | .360 A | 175J | 150.000 | G | 200NA | 15 | 40 | |
| - | 2SC142 | NS 211 | 18 | OKI | 30 | 14 | 5.0 | .200 | .360 A | 175J | 200.000 | G | 100NA | 15 | 40 | |
| - | 2SC143 | NS 211 | 18 | OKI | 40 | 18 | 5.0 | .200 | .360 A | 175J | 260.000 | G | 100NA | 15 | 60 | |
| - | 2SC144 | NS 211 | 18 | OKI | 50 | 25 | 5.0 | .200 | .360 A | 175J | 260.000 | G | 100NA | 15 | 60 | |
| - | 2SC144A | NS 211 | 18 | OKI | 60 | 30 | 5.0 | .200 | .360 A | 175J | 260.000 | G | 100NA | 15 | 60 | |
| - | 2SC147A | NS 211 C | | SON | 30 | 25R | 5.0 | 1.000 | .750 A | 175J | 100.000 | G | 5UA | 30 | 70 | |
| - | 2SC147B | NS 211 C | | SON | 60 | 40R | 5.0 | 1.000 | .750 A | 175J | 100.000 | G | 5UA | 30 | 70 | |
| | 2SC150 | NS 211 | 5 | HIT | 20 | | 5.0 | .100 | .750 A | 175J | 100.000 | B | 1UA | 20 | 50 | |
| | 2SC151 | NS 211 | 5 | HIT | 40 | | 5.0 | .100 | .750 A | 175J | 130.000 | B | 1UA | 20 | 50 | |
| | 2SC152 | NS 211 | 5 | HIT | 60 | | 5.0 | .100 | .750 A | 175J | 160.000 | B | 1UA | 20 | 50 | |
| - | 2SC153 | NS 211 | 5 | HIT | 120 | | 40.0 | .100 | .750 A | 175J | 350.000 | B | 1UA | 120 | 40 | |
| | 2SC154 | NS 211 | 5 | HIT | 120 | 70 | 5.0 | .100 | .750 A | 175J | 200.000 | G | | | 50 | .010 |
| | 2SC154A | NS 211 | 5 | HIT | 150 | | 5.0 | .100 | .750 A | 175J | 220.000 | G | | | 50 | .010 |
| | 2SC154B | NS 211 | 5 | HIT | 180 | | 5.0 | .100 | .750 A | 175J | 220.000 | G | | | 50 | .010 |
| | 2SC154C | NS 211 | 5 | HIT | 200 | | 6.0 | .100 | .750 A | 175J | 120.000 | G | 100NA | 100 | 90 | .025 |
| | 2SC161 | | | SEE 2SC521A | | | | | | | | | | | | |
| - | 2SC162 | NS 211 | 5 | OKI | 30 | 14 | 5.0 | .250 | .600 A | 175J | 130.000 | G | 100NA | 15 | 60 | |
| - | 2SC163 | NS 211 | 5 | OKI | 50 | 25 | 5.0 | .250 | .600 A | 175J | 260.000 | G | 100NA | 15 | 70 | |
| - | 2SC164 | NS 211 | 5 | OKI | 60 | 30 | 5.0 | .250 | .600 A | 175J | 260.000 | G | 100NA | 15 | 70 | |
| - | 2SC165 | NS 211 | 5 | OKI | 60 | 30 | 5.0 | .300 | .900 A | 175J | 260.000 | G | 100NA | 15 | 70 | |
| - | 2SC166 | NS 210 A | | HIT | 30 | 30 | 5.0 | .030 | .200 A | 175J | 20.000 | B | 100NA | 12 | 100 | |
| - | 2SC167 | NS 210 A | | HIT | 55 | 45 | 5.0 | .030 | .200 A | 175J | 20.000 | B | 100NA | 12 | 75 | |
| | 2SC179 | NG 120 | 1 | HIT | 25 | 15 | 20.0 | .200 | .120 A | 85J | 3.000 | B | 8UA | 12 | 60 | |
| | 2SC180 | NG 120 | 1 | HIT | 25 | 15 | 20.0 | .400 | .120 A | 85J | 5.000 | B | 8UA | 12 | 70 | |
| | 2SC181 | NG 120 | 1 | HIT | 25 | 12 | 20.0 | .400 | .120 A | 85J | 10.000 | B | 8UA | 12 | 110 | |
| | 2SC182 | NS 911 C | | NEC | 25 | 15 | 5.0 | .150 | .150 A | 150J | 30.000 | G | 1UA | 20 | 100 | .020 |
| | 2SC183 | NS 911 C | | NEC | 20 | 18R | 5.0 | .030 | .100 A | 125J | 60.000 | G | 100NA | 15 | 75 | |
| | 2SC184 | NS 911 C | | NEC | 20 | 18R | 5.0 | .030 | .100 A | 125J | 100.000 | G | 100NA | 15 | 75 | .001 |
| | 2SC185 | NS 911 C | | NEC | 20 | 18R | 5.0 | .030 | .100 A | 125J | 150.000 | G | 100NA | 15 | 75 | .001 |
| - | 2SC191 | NS 210 | 5 | SON | 60 | 54R | | .010 | .250 A | 150J | 12.000 | B | 2UA | 60 | 80 | |
| - | 2SC192 | NS 210 | 5 | SON | 60 | 54R | | .010 | .250 A | 150J | 2.500 | B | 2UA | 60 | 80 | |
| - | 2SC193 | NS 210 | 5 | SON | 60 | 54R | | .010 | .250 A | 150J | 12.000 | B | 2UA | 60 | 80 | |
| - | 2SC194 | NS 210 | 5 | SON | 60 | 54R | | .010 | .250 A | 150J | 34.000 | B | 2UA | 60 | 80 | |
| - | 2SC195 | NS 210 | 5 | SON | 30 | 27R | | .010 | .250 A | 150J | 2.500 | B | 1UA | 30 | 80 | |
| - | 2SC196 | NS 210 | 5 | SON | 30 | 27R | | .010 | .250 A | 150J | 12.000 | B | 1UA | 30 | 80 | |
| - | 2SC197 | NS 210 | 5 | SON | 30 | 27R | | .010 | .250 A | 150J | 34.000 | B | 1UA | 30 | 80 | |
| | 2SC199 | NS 210 | 5 | TOS | 80 | | 15.0 | .050 | .600 A | 175J | 50.000 | G | 100NA | 15 | 76 | .003 |
| | 2SC240 | NS 605 | 3 | NEC | 100 | 60 | 5.0 | 5.000 | 75.000 C | 175J | | | 5MA | 100 | 35 | 1.000 |
| | 2SC241 | NS 605 | 3 | NEC | 60 | 40 | 5.0 | 5.000 | 75.000 C | 175J | | | 10MA | 60 | 40 | 1.000 |
| | 2SC242 | NS 605 | 3 | NEC | 100 | 60 | 5.0 | 5.000 | 75.000 C | 175J | | | 10MA | 100 | 40 | 1.000 |
| | 2SC243 | NS 605 | 3 | NEC | 140 | 80 | 5.0 | 5.000 | 75.000 C | 175J | | | 10MA | 140 | 40 | 1.000 |
| | 2SC251 | NS 217 | 72 | NEC | 30 | 15 | 3.0 | .030 | .200 A | 150J | 600.000 | G | 1UA | 15 | 50 | .005 |
| | 2SC251A | NS 217 | 72 | NEC | 30 | 15 | 3.0 | .030 | .200 A | 150J | 600.000 | G | 1UA | 15 | 50 | .005 |
| | 2SC252 | NS 217 | 72 | NEC | 30 | 15 | 3.0 | .030 | .200 A | 150J | 500.000 | G | 150NA | 15 | 50 | .005 |
| | 2SC253 | NS 217 | 72 | NEC | 30 | 15 | 3.0 | .030 | .200 A | 150J | 600.000 | G | 150NA | 15 | 50 | .005 |
| - | 2SC260 | NS 171 | 8 | OKI | 30 | 25 | 5.0 | .800 | 1.500 A | 175J | 120.000 | G | 1UA | 20 | 74 | |
| - | 2SC261 | NS 171 | 8 | OKI | 60 | 40 | 5.0 | .800 | 1.500 A | 175J | 120.000 | G | 1UA | 20 | 74 | |
| - | 2SC262 | NS 171 | 8 | OKI | 80 | 50 | 5.0 | .800 | 1.500 A | 175J | 120.000 | G | 1UA | 20 | 74 | |
| - | 2SC263 | NS 912 A | | OKI | 15 | 10 | 4.0 | .120 | .150 A | 150J | 80.000 | G | 400NA | 9 | 44 | |
| - | 2SC264 | NS 912 A | | OKI | 30 | 14 | 5.0 | .120 | .150 A | 150J | 200.000 | G | 100NA | 9 | 50 | |
| - | 2SC265 | NS 912 A | | OKI | 40 | 18 | 5.0 | .120 | .150 A | 150J | 200.000 | G | 100NA | 9 | 60 | |
| | 2SC266 | NS 911 C | | NEC | 30 | 20 | 5.0 | .030 | .100 A | 150J | 200.000 | G | 100NA | 25 | 75 | .001 |
| | 2SC267 | NS 911 C | | NEC | 35 | 20 | 5.0 | .200 | .150 A | 150J | 30.000 | G | 1UA | 35 | 70 | .020 |
| | 2SC268 | NS 911 C | | NEC | 60 | 60X | 5.0 | .030 | .150 A | 150J | 60.000 | G | 5UA | 50 | 40 | .001 |
| | 2SC268A | NS 911 C | | NEC | 80 | 80X | 5.0 | .030 | .150 A | 150J | 60.000 | G | 5UA | 50 | 40 | .001 |
| | 2SC269 | NS 911 C | | NEC | 25 | 20S | 5.0 | .200 | .150 A | 150J | 200.000 | G | 1UA | 15 | 90 | .010 |
| | 2SC270 | NS 605 G | | SON | 270 | 75 | 6.0 | 5.000 | 50.000 C | 150J | 10.000 | G | 1MA | 50 | 40 | 2.000 |
| | 2SC271 | NS 911 C | | NEC | 25 | 12 | 3.0 | .030 | .100 A | 150J | 800.000 | G | 100NA | 12 | 70 | .002 |
| | 2SC272 | NS 911 C | | NEC | 25 | 12 | 4.0 | .020 | .100 A | 150J | 1000.000 | G | 100NA | 12 | 70 | .002 |
| | 2SC273 | NS 210 | 39 | NEC | 120 | 120R | 5.0 | .050 | .500 A | 150J | 1100.000 | G | 1UA | 60 | 50 | .003 |
| | 2SC281 | NS 120 | 1 | HIT | 30 | 20 | 5.0 | .100 | .200 A | 175J | 80.000 | G | 100NA | 20 | 186 | .010 |
| | 2SC282 | NS 120 | 1 | HIT | 30 | 20 | 5.0 | .100 | .350 A | 175J | 100.000 | G | 100NA | 20 | 140 | .010 |
| | 2SC283 | NS 120 | 1 | HIT | 50 | 20 | 5.0 | .100 | .350 A | 175J | 80.000 | G | 100NA | 20 | 86 | .010 |
| | 2SC284 | NS 120 | 1 | HIT | 70 | 25 | 5.0 | .100 | .350 A | 75J | 100.000 | G | 100NA | 20 | 65 | .010 |
| | 2SC287A | NS 911 C | | NEC | 35 | 15 | 4.0 | .020 | .150 A | 150J | 600.000 | G | 1UA | 15 | 80 | .001 |
| | 2SC288A | NS 911 C | | NEC | 35 | 15 | 4.0 | .020 | .150 A | 150J | 600.000 | G | 1UA | 15 | 80 | .001 |
| | 2SC289 | NS 911 C | | NEC | 25 | 12 | 4.0 | .010 | .100 A | 150J | 600.000 | G | 100NA | 12 | 70 | .002 |
| | 2SC291 | NS 211 C | | SON | 70 | 40 | 5.0 | 3.000 | 1.000 A | 175J | 35.000 | G | 3UA | 30 | 38 | 1.000 |
| | 2SC292 | NS 211 C | | SON | 100 | 60 | 5.0 | 3.000 | 1.000 A | 175J | 35.000 | G | 3UA | 30 | 70 | .100 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Condition | Cutoff $I_{CBO}$ @ $V_{CB}$ | | Gain $h_{FE}$ @ $I_C$(A) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | | | | |
| | 2SC293 | NS 211 C | | SON | 130 | 80 | 5.0 | 3.000 | 1.000 | A | 175J | | 35.000 | G | 3UA 30 | 70 .100 |
| | 2SC297 | NS 631 B | | SON | 70 | 40 | 5.0 | 3.000 | 10.000 | C | 175J | | 35.000 | G | 3UA 30 | 38 1.000 |
| | 2SC298 | NS 631 B | | SON | 100 | 60 | 5.0 | 3.000 | 10.000 | C | 175J | | 35.000 | G | 3UA 30 | 70 .100 |
| | 2SC299 | NS 631 B | | SON | 130 | 80 | 5.0 | 3.000 | 10.000 | C | 175J | | 35.000 | G | 3UA 30 | 70 .100 |
| | 2SC313 | NS 280 A | | HIT | 30 | 12 | 2.0 | .020 | .200 | A | 200J | | 600.000 | G | 500NA 10 | 40 .010 |
| | 2SC316 | NS 211 | 18 | MAT | 45 | | 5.0 | .050 | .300 | A | 175J | | 80.000 | G | 10NA 10 | 250 |
| | 2SC317 | NS 120 | 1 | HIT | 70 | 50 | 5.0 | .100 | .350 | A | 175J | | 100.000 | G | 100NA 20 | 85 .010 |
| | 2SC318 | NS 210 G | | SON | 50 | 30 | 5.0 | .100 | .300 | A | 175J | | 150.000 | G | 200NA 25 | 90 .001 |
| | 2SC319 | NS 210 | 39 | NEC | 40 | 20 | 4.0 | .600 | 1.750 | C | 175J | | 350.000 | G | 500NA 20 | 40 .100 |
| | 2SC320 | NS 210 | 39 | NEC | 40 | 20 | 4.0 | .800 | 2.500 | C | 175J | | 400.000 | G | 500NA 20 | 40 .100 |
| | 2SC321 | NS 210 A | | HIT | 40 | 15 | 5.0 | .200 | .360 | A | 175J | | 300.000 | G | 250NA 20 | 60 .010 |
| | 2SC323 | | | SEE 2SC400 | | | | | | | | | | | | |
| | 2SC350 | NS 120 | 1 | HIT | 30 | 20 | 5.0 | .100 | .200 | A | 175J | | 100.000 | G | 10NA 20 | 120 .001 |
| | 2SC352 | NS 211 C | | SON | 50 | 30 | 5.0 | .100 | .750 | A | 175J | | 100.000 | G | 200NA 25 | 90 .001 |
| | 2SC353 | NS 211 C | | SON | 100 | 60 | 5.0 | .100 | .750 | A | 175J | | 100.000 | G | 200NA 25 | 90 .001 |
| | 2SC356 | NS 210 | 46 | NEC | 30 | 15 | 5.0 | .200 | .300 | A | 175J | | 200.000 | G | 1UA 20 | 60 .010 |
| | 2SC360 | | | SEE 2SC400 | | | | | | | | | | | | |
| | 2SC361 | | | SEE 2SC371 | | | | | | | | | | | | |
| | 2SC361-G | | | SEE 2SC371-G | | | | | | | | | | | | |
| | 2SC362 | | | SEE 2SC372 | | | | | | | | | | | | |
| | 2SC362-G | | | SEE 2SC372-G | | | | | | | | | | | | |
| | 2SC363 | | | SEE 2SC373 | | | | | | | | | | | | |
| | 2SC363-G | | | SEE 2SC373-G | | | | | | | | | | | | |
| | 2SC366-ORG-G | NS 45 C | | TOS | 60 | 40 | 5.0 | .400 | .300 | A | 125J | | 100.000 | G | 500NA 18 | 60 .100 |
| | 2SC366-RED-G | NS 45 C | | TOS | 60 | 40 | 5.0 | .400 | .300 | A | 125J | | 100.000 | G | 500NA 18 | 60 .100 |
| | 2SC367 | NS 45 C | | TOS | 40 | | 5.0 | .400 | .300 | A | 125J | | 100.000 | B | 500NA 18 | 180 .100 |
| | 2SC367-ORG-G | NS 45 C | | TOS | 40 | 20 | 5.0 | .400 | .300 | A | 125J | | 100.000 | G | 500NA 18 | 105 .100 |
| | 2SC367-RED-G | NS 45 C | | TOS | 60 | 40 | 5.0 | .400 | .300 | A | 125J | | 100.000 | G | 500NA 18 | 60 .100 |
| | 2SC367-YEL-G | NS 45 C | | TOS | 40 | 20 | 5.0 | .400 | .300 | A | 125J | | 100.000 | G | 500NA 18 | 105 .100 |
| | 2SC368 | NS 210 | 18 | TOS | 25 | | 5.0 | .100 | .250 | A | 175J | | 100.000 | G | 100NA 18 | 350 .001 |
| | 2SC369 | NS 45 C | | TOS | 25 | | 5.0 | .100 | .200 | A | 125J | | 100.000 | G | 100NA 18 | 350 .001 |
| | 2SC369-BLU-G | NS 45 C | | TOS | 25 | 18 | 5.0 | .100 | .250 | A | 125J | | 100.000 | G | 100NA 18 | 450 .001 |
| | 2SC369-GRN-G | NS 45 C | | TOS | 25 | 18 | 5.0 | .100 | .250 | A | 125J | | 100.000 | G | 100NA 18 | 250 .001 |
| | 2SC370 | NS 45 C | | TOS | 35 | | 4.0 | .100 | .200 | A | 125J | | 80.000 | G | 500NA 18 | 36 .002 |
| | 2SC370-G | NS 45 C | | TOS | 35 | 30 | 5.0 | .100 | .200 | A | 125J | | 80.000 | G | 500NA 18 | 37 .010 |
| | 2SC370-T | NS 45 C | | TOS | | 40R | 4.0 | .100 | .200 | A | 125J | | 80.000 | G | 500NA 18 | 38 .002 |
| | 2SC371 | NS 45 C | | TOS | 35 | | 4.0 | .100 | .200 | A | 125J | | 80.000 | G | 500NA 18 | 80 .002 |
| | 2SC371-ORG-G | NS 45 C | | TOS | 35 | 30 | 5.0 | .100 | .200 | A | 125J | | 80.000 | G | 500NA 18 | 105 .010 |
| | 2SC371-RED-G | NS 45 C | | TOS | 35 | 30 | 5.0 | .100 | .200 | A | 125J | | 80.000 | G | 500NA 18 | 60 .010 |
| | 2SC371-T | NS 45 C | | TOS | | 40R | 4.0 | .100 | .200 | A | 125J | | 80.000 | G | 500NA 18 | 38 .002 |
| | 2SC372 | NS 45 C | | TOS | 35 | | 4.0 | .100 | .200 | A | 125J | | 80.000 | G | 500NA 18 | 140 .002 |
| | 2SC372-ORG-G | NS 45 C | | TOS | 35 | 30 | 5.0 | .100 | .200 | A | 125J | | 80.000 | G | 500NA 18 | 105 .010 |
| | 2SC372-YEL-G | NS 45 C | | TOS | 35 | 30 | 5.0 | .100 | .200 | A | 125J | | 80.000 | G | 500NA 18 | 180 .010 |
| | 2SC373 | NS 45 C | | TOS | 35 | | 4.0 | .100 | .200 | A | 125J | | 80.000 | G | 500NA 18 | 276 .002 |
| | 2SC373-G | NS 45 C | | TOS | 35 | 30 | 5.0 | .100 | .200 | A | 125J | | 80.000 | G | 500NA 18 | 300 .010 |
| | 2SC374 | NS 45 C | | TOS | 35 | | 4.0 | .100 | .200 | A | 125J | | 80.000 | G | 500NA 18 | 500 .002 |
| | 2SC376 | NS 45 C | | TOS | 70 | | 4.0 | .100 | .200 | A | 125J | | 100.000 | G | 1UA 18 | 60 .002 |
| | 2SC377-BRN | NS 45 C | | TOS | 30 | | 4.0 | .030 | .200 | A | 125J | | 80.000 | G | 500NA 18 | 38 .002 |
| | 2SC377-ORG | NS 45 C | | TOS | 30 | | 4.0 | .030 | .200 | A | 125J | | 80.000 | G | 500NA 18 | 105 .002 |
| | 2SC377-RED | NS 45 C | | TOS | 30 | | 4.0 | .030 | .200 | A | 125J | | 80.000 | G | 500NA 18 | 60 .002 |
| | 2SC378-ORG | NS 45 C | | TOS | 30 | | 4.0 | .030 | .200 | A | 125J | | 80.000 | G | 500NA 18 | 105 .002 |
| | 2SC378-RED | NS 45 C | | TOS | 30 | | 4.0 | .030 | .200 | A | 125J | | 80.000 | G | 500NA 18 | 60 .002 |
| | 2SC378-YEL | NS 45 C | | TOS | 30 | | 4.0 | .030 | .200 | A | 125J | | 80.000 | G | 500NA 18 | 180 .002 |
| | 2SC380-ORG | NS 45 C | | TOS | 30 | | 4.0 | .030 | .200 | A | 125J | | 100.000 | G | 500NA 18 | 105 .002 |
| | 2SC380-RED | NS 45 C | | TOS | 30 | | 4.0 | .030 | .200 | A | 125J | | 100.000 | G | 500NA 18 | 60 .002 |
| | 2SC380-YEL | NS 45 C | | TOS | 30 | | 4.0 | .030 | .200 | A | 125J | | 100.000 | G | 500NA 18 | 180 .002 |
| | 2SC381-BRN | NS 45 C | | TOS | 30 | | 4.0 | .020 | .100 | A | 125J | | 250.000 | G | 500NA 18 | 38 .001 |
| | 2SC381-ORG | NS 45 C | | TOS | 30 | | 4.0 | .020 | .100 | A | 125J | | 250.000 | G | 500NA 18 | 105 .001 |
| | 2SC381-RED | NS 45 C | | TOS | 30 | | 4.0 | .020 | .100 | A | 125J | | 250.000 | G | 500NA 18 | 60 .001 |
| | 2SC382 | NS 45 C | | TOS | 40 | | 2.0 | .050 | .150 | A | 125J | | 250.000 | G | 500NA 18 | 60 .004 |
| | 2SC383 | NS 45 C | | TOS | 40 | | 3.0 | .050 | .300 | A | 125J | | 300.000 | G | 25NA 10 | 45 .013 |
| | 2SC385 | NS 45 C | | TOS | | 20 | 2.0 | .020 | .200 | A | 125J | | 350.000 | G | 500NA 15 | 24 .008 |
| | 2SC386 | NS 45 C | | TOS | | 20 | 2.0 | .020 | .200 | A | 125J | | 350.000 | G | 500NA 15 | 24 .008 |
| | 2SC387 | NS 45 C | | TOS | 20 | | 2.0 | .050 | .200 | A | 125J | | 500.000 | G | 500NA 15 | 40 .008 |
| | 2SC387-G | NS 45 C | | TOS | 20 | 12 | 2.0 | .050 | .200 | A | 125J | | 650.000 | G | 500NA 15 | 30 .008 |
| | 2SC388A | NS 45 C | | TOS | 25 | | 3.0 | .050 | .300 | A | 125J | | 300.000 | G | 25NA 10 | 70 .013 |
| | 2SC389 | NS 217 | 72 | TOS | 30 | 20 | 3.0 | .020 | .150 | A | 150J | | 400.000 | G | 100NA 10 | 90 .004 |
| | 2SC391 | NS 217 | 72 | TOS | 20 | 15 | 2.0 | .020 | .150 | A | 150J | | 800.000 | G | 1UA 10 | 120 .010 |
| | 2SC394-GRN | NS 45 C | | TOS | 30 | | 4.0 | .100 | .200 | A | 125J | | 100.000 | G | 500NA 18 | 180 .002 |
| | 2SC394-ORG | NS 45 C | | TOS | 30 | | 4.0 | .100 | .200 | A | 125J | | 100.000 | G | 500NA 18 | 60 .002 |
| | 2SC394-RED | NS 45 C | | TOS | 30 | | 4.0 | .100 | .200 | A | 125J | | 100.000 | G | 500NA 18 | 38 .002 |
| | 2SC394-YEL | NS 45 C | | TOS | 30 | | 4.0 | .100 | .200 | A | 125J | | 100.000 | G | 500NA 18 | 105 .002 |
| | 2SC395A-ORG | NS 211 | 18 | TOS | 20 | 12 | 5.0 | .500 | .300 | A | 175J | | 200.000 | G | 100NA 20 | 90 .010 |
| | 2SC395A-RED | NS 211 | 18 | TOS | 20 | 12 | 5.0 | .500 | .300 | A | 175J | | 200.000 | G | 100NA 20 | 47 .010 |
| | 2SC395A-YEL | NS 211 | 18 | TOS | 20 | 12 | 5.0 | .500 | .300 | A | 175J | | 200.000 | G | 100NA 20 | 150 .010 |
| | 2SC397 | NS 217 | 72 | TOS | 20 | 12 | 2.0 | .050 | .200 | A | 175J | | 600.000 | G | 500NA 15 | 30 .008 |
| | 2SC398 | NS 217 | 72 | TOS | 20 | | 3.0 | .020 | .200 | A | 150J | | 250.000 | G | 50NA 10 | 70 .004 |
| | 2SC399 | NS 217 | 72 | TOS | 20 | | 3.0 | .020 | .200 | A | 150J | | 250.000 | G | 50NA 10 | 70 .004 |
| | 2SC400 | NS 210 | 18 | TOS | 30 | | 5.0 | .100 | .250 | A | 175J | | 100.000 | G | 500NA 15 | 118 .010 |
| | 2SC401 | NS 50 C | | SON | 50 | 25 | 3.0 | .100 | .100 | A | 120J | | 100.000 | G | 200NA 25 | 90 .001 |
| | 2SC402 | NS 50 C | | SON | 50 | 25 | 3.0 | .100 | .100 | A | 120J | | 100.000 | G | 200NA 25 | 90 .001 |
| | 2SC403 | NS 50 C | | SON | 50 | 25 | 3.0 | .100 | .100 | A | 120J | | 100.000 | G | 200NA 25 | 60 .001 |
| | 2SC404 | NS 50 C | | SON | 50 | 25 | 3.0 | .050 | .100 | A | 120J | | 100.000 | G | 200NA 25 | 90 .001 |
| | 2SC423 | NS 211 | 39 | SAN | 40 | 20 | 5.0 | .300 | .500 | A | 175J | | 350.000 | G | 1UA 35 | 80 .020 |
| | 2SC424 | NS 211 | 39 | SAN | 40 | 20 | 5.0 | .300 | .200 | A | 175J | | 350.000 | G | 1UA 35 | 80 .020 |
| | 2SC425 | NS 211 | 39 | SAN | 20 | 10 | 5.0 | .300 | .500 | A | 175J | | 350.000 | G | 1UA 15 | 80 .020 |
| | 2SC426 | NS 211 | 39 | SAN | 20 | 10 | 5.0 | .100 | .200 | A | 175J | | 350.000 | G | 1UA 15 | 80 .020 |
| | 2SC427 | NS 211 | 18 | SAN | 40 | 20 | 5.0 | .100 | .300 | A | 175J | | 350.000 | G | 1UA 35 | 60 .020 |
| | 2SC428 | NS 211 | 18 | SAN | 20 | 10 | 5.0 | .100 | .300 | A | 175J | | 350.000 | G | 1UA 15 | 60 .001 |
| | 2SC429 | NS 911 C | | NEC | 25 | 12 | 2.0 | .010 | .100 | A | 150J | | 250.000 | G | 100NA 12 | 16 .001 |
| | 2SC430 | NS 911 C | | NEC | 25 | 12 | 2.0 | .010 | .100 | A | 150J | | 300.000 | G | 1UA 12 | 20 .001 |
| | 2SC454 | NS 50 A | | HIT | 30 | 30 | 5.0 | .100 | .200 | A | 125J | | 230.000 | G | 500NA 18 | 150 .002 |
| | 2SC455 | NS 50 A | | HIT | 30 | 30 | 5.0 | .100 | .200 | A | 125J | | 230.000 | G | 500NA 18 | 46 .002 |
| | 2SC456 | NS 211 | 5 | MAT | 50 | | 1.5 | .600 | .750 | A | 175J | | 150.000 | G | 1UA 12 | 20 |
| | 2SC458 | NS 50 A | | HIT | 30 | 30 | 5.0 | .100 | .200 | A | 125J | | 230.000 | G | 500NA 18 | 150 .002 |
| | 2SC459 | NS 50 A | | HIT | 30 | | 5.0 | .100 | .200 | A | 125J | | 230.000 | G | 500NA 18 | 110 .002 |
| | 2SC460 | NS 50 A | | HIT | 30 | | 5.0 | .100 | .200 | A | 125J | | 230.000 | G | 500NA 18 | 98 .002 |
| | 2SC461 | NS 50 A | | HIT | 30 | | 5.0 | .100 | .200 | A | 125J | | 230.000 | G | 500NA 18 | 86 .002 |
| | 2SC463 | NS 211 | 5 | HIT | 35 | | 4.0 | .020 | .150 | A | 175J | | 400.000 | G | 100NA 10 | 73 .002 |
| | 2SC464 | NS 280 A | | HIT | 30 | 19 | 2.0 | .050 | .200 | A | 200J | | 600.000 | G | 500NA 10 | 40 .001 |
| | 2SC465 | NS 280 A | | HIT | 30 | | 2.0 | .050 | .200 | A | 200J | | 500.000 | G | 500NA 10 | 40 .001 |
| | 2SC466 | NS 280 A | | HIT | 30 | | 2.0 | .050 | .200 | A | 200J | | 500.000 | G | 500NA 10 | 40 .001 |
| | 2SC468 | NS 170 J | | HIT | 40 | 15 | 5.0 | .200 | .200 | A | 175J | | 300.000 | G | 250NA 20 | 85 .010 |
| | 2SC469 | NS 911 C | | NEC | 20 | 18R | 5.0 | .030 | .100 | A | 125J | | 150.000 | G | 100NA 15 | 90 .001 |
| | 2SC470-3 | NS 211 C | | SON | 90 | 70 | 5.0 | .100 | .750 | A | 175J | | VID AMP | | 1UA 25 | 60 .001 |
| | 2SC470-4 | NS 211 C | | SON | 120 | 100 | 5.0 | .100 | .750 | A | 175J | | VID AMP | | 1UA 25 | 60 .001 |
| | 2SC470-5 | NS 211 C | | SON | 150 | 130 | 5.0 | .100 | .750 | A | 175J | | VID AMP | | 1UA 25 | 60 .001 |
| | 2SC470-6 | NS 211 C | | SON | 180 | 150 | 5.0 | .100 | .750 | A | 175J | | VIDAMP | | 1UA 25 | 60 .001 |
| | 2SC475 | NS 911 C | | NEC | 20 | 15 | 5.0 | .100 | .150 | A | 150J | | 50.000 | G | 100NA 15 | 300 .001 |
| | 2SC476 | NS 911 C | | NEC | 20 | 15 | 5.0 | .100 | .150 | A | 150J | | 50.000 | G | 100NA 15 | 350 .001 |
| | 2SC477 | NS 217 | 72 | MAT | 50 | | 5.0 | .030 | .140 | A | 175J | | 230.000 | G | 1UA 10 | 85 |
| | 2SC478 | NS 211 | 18 | MAT | 50 | | 1.5 | .120 | .300 | A | 175J | | 150.000 | G | 1UA 12 | 20 |
| | 2SC479 | NS 211 | 5 | HIT | 60 | 40 | 5.0 | .600 | .650 | A | 175J | | HSSW | | 1UA 40 | 72 .100 |
| | 2SC481 | NS 605 | 3 | TOS | 60 | | 2.0 | 1.000 | .600 | C | 150J | | 100.000 | G | 10UA 30 | 46 .100 |
| | 2SC482-GRN | NS 211 | 39 | TOS | | 32 | 5.0 | .600 | .600 | H | 175J | | 50.000 | G | 1UA 30 | 200 .150 |
| | 2SC482-ORG | NS 211 | 39 | TOS | | 32 | 5.0 | .600 | .600 | H | 175J | | 50.000 | G | 1UA 30 | 45 .150 |
| | 2SC482-YEL | NS 211 | 39 | TOS | | 32 | 5.0 | .600 | .600 | H | 175J | | 50.000 | G | 1UA 30 | 100 .150 |
| | 2SC483 | | | SEE 2SC791 | | | | | | | | | | | | |
| | 2SC484-BLU | NS 211 | 39 | TOS | | 110 | 5.0 | 1.500 | .800 | A | 150J | | 20.000 | G | 10UA 30 | 175 .200 |
| | 2SC484-RED | NS 211 | 39 | TOS | | 110 | 5.0 | 1.500 | .800 | A | 150J | | 20.000 | G | 10UA 30 | 51 .200 |
| | 2SC484-YEL | NS 211 | 39 | TOS | | 110 | 5.0 | 1.500 | .800 | A | 150J | | 20.000 | G | 10UA 30 | 85 .200 |
| | 2SC485-BLU | NS 211 | 39 | TOS | | 80 | 5.0 | 1.500 | .800 | A | 150J | | 20.000 | G | 10UA 30 | 175 .200 |
| | 2SC485-RED | NS 211 | 39 | TOS | | 80 | 5.0 | 1.500 | .800 | A | 150J | | 20.000 | G | 10UA 30 | 51 .200 |
| | 2SC485-YEL | NS 211 | 39 | TOS | | 80 | 5.0 | 1.500 | .800 | A | 150J | | 20.000 | G | 10UA 30 | 85 .200 |
| | 2SC486-BLU | NS 211 | 39 | TOS | | 50 | 5.0 | 1.500 | .800 | A | 150J | | 20.000 | G | 10UA 30 | 175 .200 |
| | 2SC486-RED | NS 211 | 39 | TOS | | 50 | 5.0 | 1.500 | .800 | A | 150J | | 20.000 | G | 10UA 30 | 51 .200 |
| | 2SC486-YEL | NS 211 | 39 | TOS | | 50 | 5.0 | 1.500 | .800 | A | 150J | | 20.000 | G | 10UA 30 | 85 .200 |
| | 2SC489-BLU | NS 605 | 66 | TOS | | 80 | 5.0 | 3.000 | 16.000 | C | 150J | | 10.000 | G | 150UA 50 | 120 .500 |
| | 2SC489-RED | NS 605 | 66 | TOS | | 80 | 5.0 | 3.000 | 16.000 | C | 150J | | 10.000 | G | 150UA 50 | 35 .500 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ Ic(A) | | |
| | 2SC489-YEL | NS 605 | 66 | TOS | | 80 | 5.0 | 3.000 | 16.000 | C | 150J | | 10.000 | G | 150UA | 50 | 70 | .500 |
| | 2SC490-BLU | NS 605 | 66 | TOS | | 50 | 5.0 | 3.000 | 16.000 | C | 150J | | 10.000 | G | 150UA | 50 | 120 | .500 |
| | 2SC490-RED | NS 605 | 66 | TOS | | 50 | 5.0 | 3.000 | 16.000 | C | 150J | | 10.000 | G | 150UA | 50 | 40 | .500 |
| | 2SC490-YEL | NS 605 | 66 | TOS | | 50 | 5.0 | 3.000 | 16.000 | C | 150J | | 10.000 | G | 150UA | 50 | 70 | .500 |
| | 2SC491-BLU | NS 605 | 66 | TOS | | 35 | 5.0 | 1.500 | 15.000 | C | 150J | | 30.000 | G | 10UA | 30 | 147 | .500 |
| | 2SC491-RED | NS 605 | 66 | TOS | | 35 | 5.0 | 1.500 | 15.000 | C | 150J | | 30.000 | G | 10UA | 30 | 45 | .500 |
| | 2SC491-YEL | NS 605 | 66 | TOS | | 35 | 5.0 | 1.500 | 15.000 | C | 150J | | 30.000 | G | 10UA | 30 | 75 | .500 |
| - | 2SC492 | NS 605 | 3 | TOS | 110 | | 5.0 | 5.000 | 50.000 | C | 150J | | 20.000 | B | 10MA | 50 | 70 | 1.000 |
| | 2SC493 | NS 605 | 3 | TOS | 80 | | 5.0 | 5.000 | 50.000 | C | 150J | | 20.000 | B | 10MA | 50 | 70 | 1.000 |
| | 2SC494 | NS 605 | 3 | TOS | 50 | | 5.0 | 5.000 | 50.000 | C | 150J | | 20.000 | B | 10MA | 50 | 70 | 1.000 |
| | 2SC495-ORG | NS 48 A | | TOS | | 50 | 5.0 | .800 | .550 | A | 125J | | 100.000 | G | 1UA | 30 | 105 | .050 |
| | 2SC495-RED | NS 48 A | | TOS | | 50 | 5.0 | .800 | .550 | A | 125J | | 100.000 | G | 1UA | 30 | 60 | .050 |
| | 2SC495-YEL | NS 48 A | | TOS | | 50 | 5.0 | .800 | .550 | A | 125J | | 100.000 | G | 1UA | 30 | 180 | .050 |
| | 2SC496-ORG | NS 48 A | | TOS | | 30 | 5.0 | .800 | .550 | A | 125J | | 100.000 | G | 1UA | 30 | 105 | .050 |
| | 2SC496-RED | NS 48 A | | TOS | | 30 | 5.0 | .800 | .550 | A | 125J | | 100.000 | G | 1UA | 30 | 60 | .050 |
| | 2SC496-YEL | NS 48 A | | TOS | | 30 | 5.0 | .800 | .550 | A | 125J | | 100.000 | G | 1UA | 30 | 180 | .050 |
| | 2SC497-ORG | NS 211 | 39 | TOS | | 80 | 5.0 | .800 | .600 | A | 150J | | 80.000 | G | 1UA | 30 | 105 | .200 |
| | 2SC497-RED | NS 211 | 39 | TOS | | 80 | 5.0 | .800 | .600 | A | 150J | | 80.000 | G | 1UA | 30 | 60 | .200 |
| | 2SC497-YEL | NS 211 | 39 | TOS | | 80 | 5.0 | .800 | .600 | A | 150J | | 80.000 | G | 1UA | 30 | 180 | .200 |
| | 2SC498-ORG | NS 211 | 39 | TOS | | 50 | 5.0 | .800 | .600 | A | 150J | | 80.000 | G | 1UA | 30 | 105 | .200 |
| | 2SC498-RED | NS 211 | 39 | TOS | | 50 | 5.0 | .800 | .600 | A | 150J | | 80.000 | G | 1UA | 30 | 60 | .200 |
| | 2SC498-YEL | NS 211 | 39 | TOS | | 50 | 5.0 | .800 | .600 | A | 150J | | 80.000 | G | 1UA | 30 | 180 | .200 |
| | 2SC499-RED | NS 45 C | | TOS | | 100R | 2.0 | .020 | .300 | A | 125J | | 70.000 | G | 1UA | 15 | 54 | .003 |
| | 2SC499-YEL | NS 45 C | | TOS | | 100R | 2.0 | .020 | .300 | A | 125J | | 70.000 | G | 1UA | 15 | 135 | .003 |
| | 2SC500 | NS 211 | 5 | TOS | 120 | | 5.0 | .020 | .600 | A | 150J | | 70.000 | G | 1UA | 30 | 90 | .003 |
| | 2SC501-ORG | NS 211 | 39 | TOS | 60 | 30 | 5.0 | .300 | .750 | A | 175J | | 100.000 | G | 100NA | 30 | 105 | .010 |
| | 2SC501-RED | NS 211 | 39 | TOS | 60 | 30 | 5.0 | .300 | .750 | A | 175J | | 100.000 | G | 100NA | 30 | 60 | .010 |
| | 2SC501-YEL | NS 211 | 39 | TOS | 60 | 30 | 5.0 | .300 | .750 | A | 175J | | 100.000 | G | 100NA | 30 | 180 | .010 |
| | 2SC502 | NS 605 | 3 | TOS | 60 | | 2.0 | 1.000 | .800 | C | 150J | | 120.000 | G | 10UA | 30 | 70 | .200 |
| | 2SC503 | NS 211 | 5 | TOS | 60 | | 5.0 | .600 | .800 | A | 175J | | 50.000 | G | 500NA | 30 | 106 | .150 |
| | 2SC504 | NS 211 | 5 | TOS | 40 | | 5.0 | .600 | .800 | A | 175J | | 50.000 | G | 500NA | 30 | 106 | .150 |
| | 2SC505-ORG | NS 211 | 39 | TOS | 300 | 300 | 3.0 | .100 | .600 | A | 175J | | 20.000 | G | 2UA | 100 | 88 | .050 |
| | 2SC505-RED | NS 211 | 39 | TOS | 300 | 300 | 3.0 | .100 | .600 | A | 175J | | 20.000 | G | 2UA | 100 | 52 | .050 |
| | 2SC506-ORG | NS 211 | 39 | TOS | 200 | 200 | 3.0 | .100 | .600 | A | 175J | | 20.000 | G | 2UA | 100 | 88 | .050 |
| | 2SC506-RED | NS 211 | 39 | TOS | 200 | 200 | 3.0 | .100 | .600 | A | 175J | | 20.000 | G | 2UA | 100 | 52 | .050 |
| | 2SC508 | NS 605 | 66 | TOS | 180 | | 5.0 | 4.000 | 20.000 | C | 150J | | 25.000 | B | 120UA | 50 | 30 | 4.000 |
| | 2SC510-ORG | NS 211 | 39 | TOS | 140 | 100 | 5.0 | 1.500 | .800 | A | 175J | | 20.000 | G | 1UA | 30 | 98 | .200 |
| | 2SC510-RED | NS 211 | 39 | TOS | 140 | 100 | 5.0 | 1.500 | .800 | A | 175J | | 20.000 | G | 1UA | 30 | 52 | .200 |
| | 2SC511-ORG | NS 211 | 39 | TOS | 120 | 80 | 5.0 | 1.500 | .800 | A | 175J | | 20.000 | G | 1UA | 30 | 98 | .200 |
| | 2SC511-RED | NS 211 | 39 | TOS | 120 | 80 | 5.0 | 1.500 | .800 | A | 175J | | 20.000 | G | 1UA | 30 | 52 | .200 |
| | 2SC512-ORG | NS 211 | 39 | TOS | 100 | 60 | 5.0 | 1.500 | .800 | A | 175J | | 20.000 | G | 1UA | 30 | 98 | .200 |
| | 2SC512-RED | NS 211 | 39 | TOS | 100 | 60 | 5.0 | 1.500 | .800 | A | 175J | | 20.000 | G | 1UA | 30 | 52 | .200 |
| | 2SC513-ORG | NS 211 | 39 | TOS | 70 | 40 | 5.0 | 1.500 | .800 | A | 175J | | 20.000 | G | 1UA | 30 | 98 | .200 |
| | 2SC513-RED | NS 211 | 39 | TOS | 70 | 40 | 5.0 | 1.500 | .800 | A | 175J | | 20.000 | G | 1UA | 30 | 52 | .200 |
| | 2SC514 | | | SEE 2SC515 | | | | | | | | | | | | | | |
| | 2SC515 | NS 605 | 66 | TOS | 300 | | 3.0 | .100 | 6.000 | H | 150J | | 10.000 | G | 100UA | 300 | 68 | .050 |
| - | 2SC518 | NS 605 | 3 | TOS | 140 | | 5.0 | 5.000 | 50.000 | C | 150J | | 20.000 | B | 10MA | 50 | 40 | 5.000 |
| | 2SC519 | | | SEE 2SC519A | | | | | | | | | | | | | | |
| | 2SC519A | NS 605 | 3 | TOS | 130 | 110 | 5.0 | 7.000 | 50.000 | C | 150J | | 5.000 | G | 1MA | 50 | 45 | 1.000 |
| | 2SC520A | NS 605 | 3 | TOS | 100 | | 5.0 | 7.000 | 50.000 | C | 150J | | 20.000 | B | 1MA | 50 | 80 | 1.000 |
| | 2SC521A | NS 605 | 3 | TOS | 70 | | 5.0 | 7.000 | 50.000 | C | 150J | | 20.000 | B | 1MA | 50 | 80 | 1.000 |
| | 2SC522-ORG | NS 631 B | | TOS | 140 | 100 | 5.0 | 1.500 | 10.000 | C | 175J | | 20.000 | G | 1UA | 30 | 98 | .200 |
| | 2SC522-RED | NS 631 B | | TOS | 140 | 100 | 5.0 | 1.500 | 10.000 | C | 175J | | 20.000 | G | 1UA | 30 | 52 | .200 |
| | 2SC523-ORG | NS 631 B | | TOS | 120 | 80 | 5.0 | 1.500 | 10.000 | C | 175J | | 20.000 | G | 1UA | 30 | 98 | .200 |
| | 2SC523-RED | NS 631 B | | TOS | 120 | 80 | 5.0 | 1.500 | 10.000 | C | 175J | | 20.000 | G | 1UA | 30 | 52 | .200 |
| | 2SC524-ORG | NS 631 B | | TOS | 100 | 60 | 5.0 | 1.500 | 10.000 | C | 175J | | 20.000 | G | 1UA | 30 | 98 | .200 |
| | 2SC524-RED | NS 631 B | | TOS | 100 | 60 | 5.0 | 1.500 | 10.000 | C | 175J | | 20.000 | G | 1UA | 30 | 52 | .200 |
| | 2SC525-ORG | NS 631 B | | TOS | 70 | 40 | 5.0 | 1.500 | 10.000 | C | 175J | | 20.000 | G | 1UA | 30 | 98 | .200 |
| | 2SC525-RED | NS 631 B | | TOS | 70 | 40 | 5.0 | 1.500 | 10.000 | C | 175J | | 20.000 | G | 1UA | 30 | 52 | .200 |
| | 2SC526 | NS 211 | 5 | MAT | 165 | | 5.0 | .055 | 2.300 | C | 175J | | 80.000 | G | 2UA | 12 | 20 | |
| - | 2SC527 | NS 218 | 18 | MAT | 35 | | 3.0 | .025 | .130 | A | 175J | | 200.000 | G | 10UA | 35 | 50 | |
| | 2SC528 | NS 50 A | | HIT | 20 | | 5.0 | .150 | .200 | A | 125J | | AUD | | 500NA | 20 | 140 | .150 |
| | 2SC535 | NS 50 B | | HIT | 30 | | 4.0 | .020 | .100 | A | 125J | | 700.000 | G | 500NA | 10 | 85 | .001 |
| | 2SC536 | NS 43 B | | SAN | 40 | 20 | 5.0 | .100 | .150 | A | 125J | | 180.000 | G | 1UA | 35 | 80 | .001 |
| | 2SC537 | NS 43 B | | SAN | 20 | 10 | 5.0 | .100 | .150 | A | 125J | | 180.000 | G | 1UA | 15 | 80 | .001 |
| | 2SC538 | NS 211 | 18 | MAT | 25 | | 5.0 | .050 | .300 | A | 175J | | 80.000 | G | 10NA | 10 | | |
| | 2SC538A | NS 211 | 18 | MAT | 45 | | 5.0 | .050 | .300 | A | 175J | | 80.000 | G | 10NA | 10 | | |
| | 2SC539 | NS 211 | 18 | MAT | 25 | | 5.0 | .050 | .300 | A | 175J | | 80.000 | G | 10NA | 10 | | |
| | 2SC540 | NS 911 C | | NEC | 30 | 25 | 5.0 | .100 | .150 | A | 150J | | 50.000 | G | 100NA | 25 | 270 | .001 |
| | 2SC544 | NS 43 B | | SAN | 40 | | 4.0 | .030 | .150 | A | 125J | | 350.000 | G | 1UA | 35 | 80 | .001 |
| | 2SC545 | NS 43 B | | SAN | 20 | | 4.0 | .030 | .150 | A | 125J | | 350.000 | G | 1UA | 15 | 80 | .001 |
| | 2SC546 | NS 43 B | | SAN | 30 | | 4.0 | .030 | .150 | A | 125J | | 700.000 | G | 1UA | 25 | 50 | .001 |
| | 2SC547 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2SC548 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2SC549 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2SC550 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2SC551 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2SC552 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2SC553 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2SC555 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 2SC556 | NS 211 | 39 | TOS | 20 | | 2.0 | .400 | .750 | A | 150J | | 600.000 | G | 25UA | 20 | 73 | .050 |
| | 2SC558 | NS 605 | 3 | TOS | 250 | | 5.0 | 5.000 | 50.000 | C | 150J | | .500 | B | 1MA | 50 | 30 | 5.000 |
| | 2SC562 | NS 218 | 18 | MAT | 40 | | 4.0 | .025 | .130 | A | 175J | | 330.000 | G | 10UA | 40 | 52 | |
| | 2SC563 | NS 218 | 18 | MAT | 40 | | 4.0 | .025 | .145 | A | 175J | | 550.000 | G | 10UA | 40 | 76 | |
| | 2SC566 | NS 217 | 33 | NEC | 50 | 40 | 4.0 | .300 | .800 | A | 175J | | 500.000 | G | 500NA | 35 | 68 | .100 |
| | 2SC567 | NS 217 | 72 | NEC | 30 | 15 | 3.0 | .020 | .200 | A | 150J | | 1000.000 | G | 500NA | 15 | 80 | .002 |
| | 2SC568 | NS 217 | 72 | NEC | 30 | 15 | 3.0 | .020 | .200 | A | 150J | | 700.000 | G | 100NA | 15 | 100 | .002 |
| | 2SC581 | NS 217 | 72 | MAT | 30 | | 5.0 | .030 | .140 | A | 175J | | 150.000 | G | 1UA | 10 | | |
| | 2SC582 | NS 605 C | | MAT | 300 | | 3.0 | .100 | 4.000 | H | 175J | | 10.000 | G | 100UA | 300 | 68 | .050 |
| | 2SC583 | NS 217 | 72 | MAT | 30 | | 2.5 | .020 | .180 | A | 175J | | 1000.000 | G | 1UA | 15 | | |
| | 2SC585 | NS 540 | 60 | MAT | 65 | | 4.0 | 3.000 | 20.000 | C | 150J | | 250.000 | G | 12UA | 12 | 30 | .200 |
| | 2SC586 | NS 605 | 3 | MAT | 150 | | 6.0 | 5.000 | 50.000 | C | 175J | | AUD | | 15MA | 150 | 33 | 5.000 |
| | 2SC587 | NS 211 A | | MAT | 45 | | 5.0 | .030 | .300 | A | 175J | | 50.000 | G | 10UA | 45 | 300 | .002 |
| | 2SC587A | NS 211 A | | MAT | 45 | | 5.0 | .030 | .300 | A | 175J | | 50.000 | G | 10UA | | 300 | .003 |
| | 2SC589 | NS 211 | 5 | MAT | 165 | | 5.0 | .080 | .750 | A | 175J | | 90.000 | G | 2UA | | 40 | .003 |
| | 2SC590 | NS 210 | 5 | NEC | 120 | 70 | 5.0 | .300 | .800 | C | 175J | | 100.000 | G | 1UA | 60 | 70 | .150 |
| | 2SC591 | NS 170 | 8 | NEC | 100 | 50 | 4.0 | 1.500 | 20.000 | C | 175J | | 75.000 | G | 1MA | 30 | 20 | .150 |
| | 2SC593 | NS 217 | 72 | MAT | 50 | | 5.0 | .030 | .165 | A | 175J | | 150.000 | G | 1UA | | 100 | .001 |
| | 2SC594 | NS 210 | 39 | NEC | 60 | 25 | 5.0 | .200 | .750 | A | 175J | | 200.000 | G | 100NA | 30 | 60 | .010 |
| | 2SC595 | NS 210 | 18 | NEC | 30 | 20 | 5.0 | .200 | .300 | A | 150J | | 250.000 | G | 1UA | 15 | 60 | .010 |
| | 2SC596 | NS 217 | 33 | NEC | 60 | 30 | 5.0 | .500 | .800 | A | 175J | | 250.000 | G | 500NA | 20 | 50 | .030 |
| | 2SC597 | NS 211 | 5 | MAT | 65 | | 4.0 | 1.000 | 6.000 | C | 175J | | 300.000 | G | | | 30 | .100 |
| | 2SC598 | NS 540 | 60 | MAT,NEC | 65 | | 4.0 | 1.500 | 20.000 | C | 175J | | 300.000 | G | 12UA | | 30 | .100 |
| | 2SC600 | NS 540 | 60 | MAT,NEC | 65 | | 4.0 | 3.000 | 20.000 | C | 175J | | 250.000 | G | 12UA | | 30 | .200 |
| | 2SC601 | NS 210 | 18 | NEC | 40 | 15 | 5.0 | .100 | .300 | A | 175J | | 500.000 | G | 100NA | 20 | 60 | .010 |
| | 2SC601N | NS 211 A | | MAT,NEC | 40 | | 5.0 | .100 | .300 | A | 175J | | 500.000 | G | 100NA | | 80 | .010 |
| | 2SC602 | NS 217 | 72 | NEC | 30 | 20 | 3.0 | .030 | .200 | A | 150J | | 600.000 | G | 1UA | 15 | 60 | .005 |
| | 2SC605 | NS 911 C | | NEC | 30 | 30 | 4.0 | .020 | .150 | A | 150J | | 350.000 | G | 200NA | 20 | 60 | .002 |
| | 2SC606 | NS 911 C | | NEC | 30 | 30 | 4.0 | .020 | .150 | A | 150J | | 450.000 | G | 200NA | 20 | 60 | .002 |
| | 2SC608 | NS 630 A | | HIT | 75 | | 4.0 | 1.000 | 1.000 | A | 175J | | 50.000 | G | 5UA | 40 | 40 | .100 |
| | 2SC609 | NS 630 A | | HIT | 75 | | 4.0 | 1.000 | 1.000 | A | 175J | | 50.000 | G | 5UA | 40 | 40 | .100 |
| | 2SC611 | NS 217 | 72 | MAT,NEC | 20 | | 3.0 | .020 | .200 | A | 150J | | 600.000 | G | 1UA | | 80 | .002 |
| | 2SC612 | NS 217 | 72 | MAT,NEC | 35 | | 2.0 | .020 | .180 | A | 175J | | 1000.000 | G | 1UA | | 80 | .002 |
| | 2SC614 | NS 211 | 39 | SAN | 80 | 60 | 4.0 | 1.500 | 7.500 | C | 85J | | 200.000 | G | 100UA | 40 | 80 | .250 |
| | 2SC615 | NS 211 | 39 | SAN | 30 | 20 | 4.0 | 1.500 | 7.500 | C | 175J | | 200.000 | G | 100UA | 10 | 100 | .250 |
| | 2SC616 | NS 170 | 8 | SAN | 80 | 60 | 4.0 | 1.500 | 13.000 | C | 175J | | 200.000 | G | 100UA | 40 | 80 | .250 |
| | 2SC617 | NS 170 | 8 | SAN | 30 | 20 | 4.0 | 1.500 | 13.000 | C | 175J | | 200.000 | G | 100UA | 10 | 100 | .250 |
| | 2SC628 | NS 210 | 5 | NEC | 40 | 20 | 4.0 | .500 | 2.500 | A | 175J | | 400.000 | G | 400NA | 20 | 40 | .100 |
| | 2SC635 | NS 540 | 60 | NEC | 65 | 40 | 4.0 | 1.500 | 10.000 | C | 175J | | 300.000 | G | 3UA | 18 | 65 | .500 |
| | 2SC636 | NS 540 | 60 | NEC | 65 | 40 | 4.0 | 3.000 | 20.000 | C | 175J | | 250.000 | G | 10UA | 18 | 65 | .001 |
| | 2SC637 | NS 540 | 60 | NEC | 40 | 20 | 4.0 | 1.000 | 10.000 | C | 175J | | 300.000 | G | 10UA | 20 | 30 | .500 |
| | 2SC638 | NS 540 | 60 | NEC | 40 | 20 | 4.0 | 2.000 | 20.000 | C | 175J | | 250.000 | G | 20UA | 20 | 30 | 1.000 |
| | 2SC639 | NS 210 | 18 | NEC | 40 | 40S | 5.0 | .200 | .360 | A | 200J | | 500.000 | G | 100NA | 20 | 100 | .010 |
| | 2SC640 | NS 911 C | | NEC | 30 | 25R | 5.0 | .100 | .150 | A | 150J | | | | 100NA | 25 | 270 | .001 |
| | 2SC641 | NS 50 B | | HIT | 40 | 15 | 5.0 | .100 | .100 | A | 125J | | 200.000 | G | 250NA | 20 | 90 | .010 |
| | 2SC642A | NS 605 | 3 | TOS | | 700R | 5.0 | 1.000 | 50.000 | C | 150J | | 2.000 | B | 10UA | 500 | 70 | .150 |
| | 2SC643A | NS 605 | 3 | TOS | 500 | | 5.0 | 2.500 | 50.000 | C | 150J | | 80.000 | G | 10UA | 500 | 8 | 2.000 |
| | 2SC645 | NS 80 A | | MAT | 30 | | 5.0 | .030 | .140 | A | 150J | | 150.000 | G | 1UA | 10 | 100 | .001 |
| | 2SC649 | NS 120 | 1 | HIT | 30 | | 6.0 | .030 | .200 | A | 175J | | 220.000 | G | 100NA | 20 | 110 | .001 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) Cond. | | | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ $I_C$(A) | |
| | 2SC650 | NS 120 | 1 | HIT | 30 | | 6.0 | .030 | .200 | A | 175J | 220.000 | G | 100NA | 20 | 240 | .001 |
| | 2SC651 | NS 210 | 39 | NEC | 45 | 22 | 4.0 | .300 | .750 | C | 150J | 800.000 | G | 100NA | 20 | 80 | .100 |
| | 2SC652 | NS 210 | 39 | NEC | 40 | 20 | 3.0 | .300 | .750 | A | 150J | 800.000 | G | 100NA | 20 | 30 | .100 |
| | 2SC653 | NS 217 | 72 | NEC | 25 | 13 | 3.0 | .020 | .200 | A | 150J | 1000.000 | G | 100NA | 12 | 120 | .002 |
| | 2SC654 | NS 217 | 33 | NEC | 40 | 35 | 3.0 | .300 | .800 | A | 150J | 5000.000 | G | 1UA | 35 | 70 | .050 |
| | 2SC664 | NS 605 | 3 | HIT | 100 | | 5.0 | 5.000 | 50.000 | C | 150J | AUD | | | | 86 | 5.000 |
| | 2SC665 | NS 605 | 3 | HIT | 125 | | 5.0 | 5.000 | 50.000 | C | 150J | AUD | | | | 86 | 5.000 |
| | 2SC666 | NS 605 | 3 | HIT | 150 | | 5.0 | 5.000 | 50.000 | C | 150J | AUD | | | | 86 | 5.000 |
| | 2SC667 | NS 43 B | | SAN | 15 | | 4.0 | .030 | .150 | A | 125J | 600.000 | G | 1UA | 10 | 60 | .001 |
| | 2SC668 | NS 43 B | | SAN | 15 | | 4.0 | .030 | .150 | A | 125J | 600.000 | G | 1UA | 10 | 50 | .001 |
| | 2SC674 | NS 43 B | | SAN | 15 | | 4.0 | .030 | .150 | A | 125J | 700.000 | G | 1UA | 10 | 50 | .001 |
| | 2SC679 | NS 605 | 66 | HIT | 300 | | 6.0 | 2.000 | 30.000 | C | 175J | AUD | | | | 50 | .020 |
| | 2SC680 | NS 605 | 66 | HIT | 200 | | 6.0 | 2.000 | 12.500 | C | 175J | AUD | | | | 180 | .200 |
| | 2SC680A | NS 605 | 66 | HIT | 200 | | 6.0 | 2.000 | 12.500 | C | 150J | AUD | | 5MA | 5 | 180 | .200 |
| | 2SC681 | NS 605 | 3 | HIT | 300 | | 5.0 | 6.000 | 50.000 | C | 150J | HOROSC | | 1MA | 30 | 30 | 4.000 |
| | 2SC681A | NS 605 | 3 | HIT | 300 | | 5.0 | 6.000 | 50.000 | C | 150J | AUD | | 1MA | 30 | 30 | 4.000 |
| | 2SC682 | NS 280 A | | HIT | 20 | | 3.0 | .030 | .200 | A | 200J | 550.000 | G | 100NA | 10 | 60 | .002 |
| | 2SC683 | NS 280 A | | HIT | 20 | | 3.0 | .030 | .200 | A | 200J | 550.000 | G | 100NA | 10 | 60 | .002 |
| | 2SC684 | NS 50 B | | HIT | 30 | 20 | 2.0 | .050 | .200 | A | 125J | 600.000 | G | 500NA | 10 | 40 | .010 |
| | 2SC685 | NS 605 | 66 | HIT | 300 | 300X | 3.0 | .100 | 4.000 | C | 150J | 25.000 | G | | | 60 | .050 |
| | 2SC685A | NS 605 | 66 | HIT | 300 | | 4.0 | .100 | 6.500 | H | 150J | AUD | | 100UA | 4 | 68 | .050 |
| | 2SC686 | NS 210 | 39 | NEC | 150 | 150 | 6.0 | .050 | .800 | A | 175J | 40.000 | G | 100NA | 100 | 90 | .025 |
| | 2SC687 | NS 605 | 3 | MAT | 150 | | 6.0 | 5.000 | 50.000 | C | 175J | HORAMP | | 15MA | 150 | 33 | 5.000 |
| | 2SC689 | NS 210 A | | HIT | 40 | 15 | 5.0 | .100 | .300 | A | 175J | 600.000 | G | 250NA | 20 | 60 | .010 |
| | 2SC693 | NS 43 B | | SAN | 40 | | 4.0 | .100 | .100 | A | 125J | 200.000 | G | 1UA | 35 | 240 | .001 |
| | 2SC694 | NS 43 B | | SAN | 40 | | 4.0 | .100 | .100 | A | 125J | 200.000 | G | 1UA | 35 | 200 | .001 |
| | 2SC695 | NS 911 C | | NEC | 20 | 15 | 5.0 | .030 | .100 | A | 125J | | | 100NA | 15 | 150 | .001 |
| | 2SC696 | NS 211 | 5 | MAT | 100 | | 5.0 | 1.000 | .750 | A | 175J | 35.000 | G | 3UA | 30 | 73 | .100 |
| | 2SC696A | NS 211 | 5 | MAT | 130 | | 5.0 | 1.000 | .750 | A | 175J | 35.000 | G | 3UA | 30 | 73 | .100 |
| | 2SC697 | NS 630 A | | MAT | 100 | | 5.0 | 1.000 | 10.000 | C | 175J | 35.000 | G | 3UA | 30 | 73 | .100 |
| | 2SC697A | NS 630 A | | MAT | 130 | | 5.0 | 1.000 | 10.000 | C | 175J | 35.000 | G | 3UA | 30 | 73 | .100 |
| | 2SC705 | NS 43 B | | SAN | 15 | 12 | 4.0 | .030 | .120 | A | 125J | 800.000 | G | 1UA | 10 | | .001 |
| | 2SC707 | NS 280 A | | HIT | 20 | | 3.0 | .020 | .150 | A | 175J | 550.000 | G | 100NA | 10 | 80 | .002 |
| | 2SC708 | NS 211 | 5 | HIT | 60 | 50 | 4.0 | 1.000 | .750 | A | 150J | 200.000 | G | | | 80 | .050 |
| | 2SC708A | NS 211 | 5 | HIT | 90 | 80 | 4.0 | 1.000 | .750 | A | 150J | 200.000 | G | | | 80 | .050 |
| | 2SC715 | NS 43 B | | SAN | 40 | 20 | 5.0 | .100 | .120 | A | 125J | 150.000 | G | 1UA | 35 | 80 | .001 |
| | 2SC716 | NS 43 B | | SAN | 20 | 20 | 5.0 | .100 | .120 | A | 125J | 150.000 | G | 1UA | 15 | 80 | .001 |
| | 2SC717 | NS 50 A | | HIT | 30 | | 2.0 | .050 | .200 | A | 125J | 1100.000 | G | 500NA | 10 | 30 | .001 |
| | 2SC732-BLU | NS 45 C | | TOS | | 30 | 5.0 | .100 | .300 | A | 125J | 100.000 | G | 100NA | 18 | 525 | .002 |
| | 2SC732-GRN | NS 45 C | | TOS | | 30 | 5.0 | .100 | .300 | A | 125J | 100.000 | G | 100NA | 18 | 300 | .002 |
| | 2SC732-VIO | NS 45 C | | TOS | | 30 | 5.0 | .100 | .300 | A | 125J | 100.000 | G | 100NA | 18 | 900 | .002 |
| | 2SC733-BLU | NS 45 C | | TOS | | 30 | 5.0 | .100 | .300 | A | 125J | 100.000 | G | 100NA | 18 | 525 | .002 |
| | 2SC733-GRN | NS 45 C | | TOS | | 30 | 5.0 | .100 | .300 | A | 125J | 100.000 | G | 100NA | 18 | 300 | .002 |
| | 2SC733-ORG | NS 45 C | | TOS | | 30 | 5.0 | .100 | .300 | A | 125J | 100.000 | G | 100NA | 18 | 105 | .002 |
| | 2SC733-YEL | NS 45 C | | TOS | | 30 | 5.0 | .100 | .300 | A | 125J | 100.000 | G | 100NA | 18 | 180 | .002 |
| | 2SC734-GRN | NS 45 C | | TOS | | 50 | 5.0 | .150 | .300 | A | 125J | 100.000 | G | 100NA | 18 | 300 | .020 |
| | 2SC734-ORG | NS 45 C | | TOS | | 50 | 5.0 | .150 | .300 | A | 125J | 100.000 | G | 100NA | 18 | 105 | .020 |
| | 2SC734-RED | NS 45 C | | TOS | | 50 | 5.0 | .150 | .300 | A | 125J | 100.000 | G | 100NA | 18 | 60 | .020 |
| | 2SC734-YEL | NS 45 C | | TOS | | 50 | 5.0 | .150 | .300 | A | 125J | 100.000 | G | 100NA | 18 | 180 | .020 |
| | 2SC735-GRN | NS 45 C | | TOS | | 30 | 5.0 | .400 | .300 | A | 125J | 100.000 | G | 100NA | 18 | 300 | .100 |
| | 2SC735-ORG | NS 45 C | | TOS | | 30 | 5.0 | .400 | .300 | A | 125J | 100.000 | G | 100NA | 18 | 105 | .100 |
| | 2SC735-RED | NS 45 C | | TOS | | 30 | 5.0 | .400 | .300 | A | 125J | 100.000 | G | 100NA | 18 | 60 | .100 |
| | 2SC735-YEL | NS 45 C | | TOS | | 30 | 5.0 | .400 | .300 | A | 125J | 100.000 | G | 100NA | 18 | 180 | .100 |
| | 2SC752-ORG-G | NS 45 C | | TOS | 40 | 15 | 5.0 | .200 | .200 | A | 125J | 200.000 | G | 250NA | 20 | 105 | .010 |
| | 2SC752-RED-G | NS 45 C | | TOS | 40 | 15 | 5.0 | .200 | .200 | A | 125J | 200.000 | G | 250NA | 20 | 60 | .010 |
| | 2SC752-YEL-G | NS 45 C | | TOS | 40 | 15 | 5.0 | .200 | .200 | A | 125J | 200.000 | G | 250NA | 20 | 180 | .010 |
| | 2SC761 | NS 217 | 72 | MAT | 30 | | 3.0 | .020 | .130 | A | 175J | 675.000 | G | | | 45 | .002 |
| | 2SC762 | NS 217 | 72 | MAT | 30 | | 3.0 | .020 | .130 | A | 175J | 600.000 | G | | | 45 | .002 |
| | 2SC764 | NS 210 | 18 | NEC | 40 | 40S | 5.0 | .200 | .360 | A | 200J | 500.000 | G | 100NA | 40 | 90 | .010 |
| | 2SC772 | NS 43 B | | SAN | 15 | | 4.0 | .030 | .120 | A | 125J | 300.000 | G | 1UA | 10 | 50 | |
| | 2SC780-ORG-G | NS 45 C | | TOS | 80 | 80R | 5.0 | .020 | .100 | A | 125J | 50.000 | G | 2UA | 70 | 105 | .002 |
| | 2SC780-RED-G | NS 45 C | | TOS | 80 | 80R | 5.0 | .020 | .100 | A | 125J | 50.000 | G | 2UA | 70 | 60 | .002 |
| | 2SC780-YEL-G | NS 45 C | | TOS | 80 | 80R | 5.0 | .020 | .100 | A | 125J | 50.000 | G | 2UA | 70 | 180 | .002 |
| | 2SC781 | NS 210 | 39 | NEC | 75 | 40 | 5.0 | 1.000 | 5.000 | C | 175J | 150.000 | G | 1UA | 40 | 80 | .150 |
| | 2SC782 | NS 605 | 66 | TOS | | 300 | 5.0 | 1.500 | 20.000 | C | 150J | 10.000 | G | 100UA | 200 | 92 | .100 |
| | 2SC784-BRN | NS 45 C | | TOS | 30 | | 4.0 | .020 | .100 | A | 125J | 250.000 | G | 500NA | 18 | 38 | .001 |
| | 2SC784-ORG | NS 45 C | | TOS | 30 | | 4.0 | .020 | .100 | A | 125J | 250.000 | G | 500NA | 18 | 135 | .001 |
| | 2SC784-RED | NS 45 C | | TOS | 30 | | 4.0 | .020 | .100 | A | 125J | 250.000 | G | 500NA | 18 | 60 | .001 |
| | 2SC785-BRN | NS 45 C | | TOS | 30 | | 4.0 | .020 | .100 | A | 125J | 250.000 | G | 500NA | 18 | 38 | .001 |
| | 2SC785-ORG | NS 45 C | | TOS | 30 | | 4.0 | .020 | .100 | A | 125J | 250.000 | G | 500NA | 18 | 105 | .001 |
| | 2SC785-RED | NS 45 C | | TOS | 30 | | 4.0 | .020 | .100 | A | 125J | 250.000 | G | 500NA | 18 | 60 | .001 |
| | 2SC785-YEL | NS 45 C | | TOS | 30 | | 4.0 | .020 | .100 | A | 125J | 250.000 | G | 500NA | 18 | 180 | .001 |
| | 2SC791 | NS 605 | 66 | TOS | | 80R | 5.0 | 1.500 | 15.000 | C | 150J | 20.000 | B | 10UA | 30 | 102 | .200 |
| | 2SC793-BLU | NS 605 | 3 | TOS | | 80 | 5.0 | 7.000 | 60.000 | C | 150J | 9.000 | G | 1MA | 30 | 135 | 1.000 |
| | 2SC793-RED | NS 605 | 3 | TOS | | 80 | 5.0 | 7.000 | 60.000 | C | 150J | 9.000 | G | 1MA | 30 | 47 | 1.000 |
| | 2SC793-YEL | NS 605 | 3 | TOS | | 80 | 5.0 | 7.000 | 60.000 | C | 150J | 9.000 | G | 1MA | 30 | 80 | 1.000 |
| | 2SC799 | NS 631 | 37 | NEC | 80 | 40 | 5.0 | 1.500 | 10.000 | C | 175J | 150.000 | G | 1UA | 40 | 90 | .150 |
| | 2SC800 | NS 911 C | | NEC | 30 | 25 | 4.0 | .010 | .400 | A | 150J | 600.000 | G | 100NA | 25 | 80 | .002 |
| | 2SC814 | NS 42 A | | NEC | 30 | 18 | 5.0 | .500 | .400 | A | 125J | | | 200NA | 18 | 150 | .050 |
| | 2SC815 | NS 42 | 92 | NEC | 60 | 45R | 5.0 | .200 | .250 | A | 125J | | | 100NA | 45 | 70 | .150 |
| | 2SC823 | NS 210 | 39 | NEC | 30 | 19R | 3.0 | .060 | .600 | A | 150J | 1000.000 | G | 100NA | 10 | 45 | .015 |
| | 2SC824 | NS 210 | 39 | NEC | 50 | 25 | 3.0 | .120 | .650 | A | 150J | 1000.000 | G | 100NA | 10 | 30 | .030 |
| | 2SC830 | NS 605 | 66 | HIT | 50 | | 4.0 | 3.000 | 25.000 | C | 150J | AUD | | | | 65 | .100 |
| | 2SC831 | NS 217 | 12 | NEC | 50 | 25 | 4.0 | 2.000 | 23.000 | A | 175J | 300.000 | G | 5UA | 20 | 65 | 1.000 |
| | 2SC838 | NS 42 | 92 | NEC | 50 | 25 | 5.0 | .030 | .250 | A | 125J | 150.000 | G | 200NA | 15 | 75 | .001 |
| | 2SC839 | NS 42 | 92 | NEC | 50 | 25 | 5.0 | .030 | .250 | A | 125J | 150.000 | G | 200NA | 15 | 75 | .001 |
| | 2SC852 | NS 210 | 5 | NEC | 45 | 25 | 3.0 | .080 | .500 | A | 150J | 850.000 | G | 500NA | 15 | 100 | .002 |
| | 2SC853 | NS 42 A | | NEC | 60 | 55 | 5.0 | .200 | .400 | A | 125J | | | 200NA | 45 | 70 | .150 |
| | 2SC856 | NS 120 | 1 | HIT | 150 | | 5.0 | .050 | .300 | A | 175J | 150.000 | G | 100NA | 20 | 105 | .010 |
| | 2SC861 | NS 605 | 3 | HIT | 400 | | 5.0 | 1.000 | 50.000 | C | 150J | AUD | | 10UA | 30 | 120 | 1.000 |
| | 2SC862 | NS 605 | 3 | HIT | 500 | | 5.0 | 6.000 | 50.000 | C | 150J | HORAMP | | 10UA | 30 | | |
| | 2SC881 | NS 42 A | | NEC | 60 | 45 | 5.0 | .200 | .400 | A | 125J | | | 200NA | 30 | 70 | .150 |
| | 2SC890 | NS 210 | 39 | NEC | 40 | 20 | 3.0 | 1.000 | 3.000 | C | 175J | 600.000 | G | 1UA | 20 | 30 | .100 |
| | 2SC891 | NS 967 A | | NEC | 40 | 20 | 4.0 | 2.000 | 10.300 | C | 175J | 600.000 | G | 5UA | 20 | 23 | .500 |
| | 2SC892 | NS 967 A | | NEC | 40 | 20 | 4.0 | 4.000 | 17.700 | C | 175J | 400.000 | G | 10UA | 20 | 23 | 1.000 |
| | 2SC896 | NS 210 | 46 | NEC | 55 | 30 | 3.0 | .200 | .300 | A | 175J | 120.000 | G | 1UA | 20 | 70 | .010 |
| | 2SC899 | NS 42 | 92 | NEC | 30 | 25 | 5.0 | .020 | .250 | A | 125J | | | 50MA | 25 | 115 | .001 |
| | 2SC900 | NS 42 | 92 | NEC | 30 | 25R | 5.0 | .020 | .250 | A | 125J | | | 50MA | 25 | 250 | .001 |
| | 2SC913 | NS 210 | 18 | NEC | 40 | 35 | 5.0 | .300 | .300 | A | 175J | | | 200NA | 20 | 40 | .050 |
| | 2SC914 | NS 210 | 18 | NEC | 40 | 35 | 5.0 | .300 | .300 | A | 175J | | | 200NA | 20 | 40 | .200 |
| | 2SC915 | NS 210 | 18 | NEC | 30 | 20 | 5.0 | .300 | .300 | A | 175J | | | 200NA | 20 | 70 | .030 |
| | 2SC916 | NS 170 | 8 | NEC | 100 | 70 | 5.5 | 1.500 | 2.000 | A | 175J | | | 10UA | 80 | 45 | 1.500 |
| | 2SC920 | NS 911 C | | NEC | 50 | 25 | 5.0 | .030 | .150 | A | 150J | 150.000 | G | 100NA | 15 | 75 | .001 |
| | 2SC921 | NS 911 C | | NEC | 25 | 12 | 2.0 | .010 | .100 | A | 150J | 450.000 | G | 100NA | 12 | 65 | .001 |
| | 2SC923 | NS 42 | 92 | NEC | 30 | 25R | 5.0 | .020 | .250 | A | 125J | | | 50MA | 25 | 250 | .001 |
| | 2SC924 | NS 42 | 92 | NEC | 30 | 15 | 5.0 | .050 | .250 | A | 125J | | | 100NA | 15 | 100 | .001 |
| | 2SC938 | NS 42 | 92 | NEC | 60 | 60 | 5.0 | .200 | .250 | A | 125J | | | 100NA | 45 | 75 | .050 |
| | 2SC939 | NS 605 | 3 | NEC | 150 | 60R | 7.0 | 5.000 | 50.000 | A | 150J | | | 2MA | 60 | 60 | 5.000 |
| | 2SC940 | NS 605 | 3 | NEC | 200 | 90R | 7.0 | 5.000 | 50.000 | A | 150J | | | 2MA | 60 | 60 | 5.000 |
| | 2SC943 | NS 210 | 18 | NEC | 60 | 40 | 8.0 | .200 | .300 | A | 150J | 150.000 | G | 500NA | 40 | 150 | .010 |
| | 2SC959 | NS 210 | 5 | NEC | 120 | 80 | 5.0 | .700 | .700 | A | 150J | 60.000 | G | 3UA | 80 | 100 | .200 |
| | 2SC960 | NS 630 A | | NEC | 120 | 80 | 5.0 | .700 | 1.000 | A | 150J | 3220.000 | G | 3UA | 80 | 100 | .200 |
| | 2SC985 | | | SEE 2N5762 | | | | | | | | | | | | | |
| | 2SC985A | | | SEE 2N5762 | | | | | | | | | | | | | |
| | 2SC987 | | | SEE 2N5761 | | | | | | | | | | | | | |
| | 2SC987A | | | SEE 2N5761 | | | | | | | | | | | | | |
| | 2SC988 | | | SEE 2N5650 | | | | | | | | | | | | | |
| | 2SC988A | | | SEE 2N5651 | | | | | | | | | | | | | |
| | 2SC988B | | | SEE 2N5652 | | | | | | | | | | | | | |
| | 2SC989 | NS 916 C | | NEC | 20 | 12 | 3.0 | .050 | .150 | A | 150J | 2000.000 | G | 1UA | 10 | 45 | .030 |
| | 2SC990 | NS 964 F | | NEC | 50 | 25 | 4.0 | 2.000 | 24.000 | A | 175J | 300.000 | G | 10UA | 20 | 65 | 1.000 |
| | 2SC1071 | NS 210 | 18 | NEC | 30 | 17 | 5.0 | .200 | .300 | A | 175J | | | 900NA | 20 | 83 | .030 |
| | 2SC1072 | NS 210 | 39 | NEC | 60 | 45 | 5.0 | .700 | .800 | A | 175J | | | 300NA | 40 | 50 | .500 |
| | 2SC1072A | NS 210 | 39 | NEC | 60 | 56 | 5.0 | .700 | .800 | A | 175J | | | 300NA | 40 | 50 | .500 |
| | 2SC1090 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | 2SD12 | NS 605 | 3 | MAT | 75 | | 4.0 | 2.500 | 60.000 | C | 150J | AUD | | 10MA | 75 | 50 | 1.000 |
| | 2SD13 | NS 405 | 67 | MAT | 35 | | 4.0 | 10.000 | 100.000 | C | 150J | AUD | | 40MA | 35 | 25 | 10.000 |
| | 2SD14 | NS 405 | 67 | MAT | 75 | | 4.0 | 10.000 | 100.000 | C | 150J | AUD | | 45MA | 45 | 25 | 10.000 |
| | 2SD24 | NS 622 A | | SAN | 300 | 300R | 2.0 | .100 | 4.000 | C | 110J | 25.000 | G | 2MA | 100 | 60 | .050 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ $I_C$(A) | |
| | 2SD30 | NG 120 K | | SAN | 25 | | 12.0 | .200 | .300 | A | 85J | | 1.000 | B | 15UA | 20 | 150 | .100 |
| | 2SD31 | NG 120 | 1 | MAT | 25 | | 10.0 | .125 | .125 | C | 75J | | AUD | | 12UA | 10 | 50 | .002 |
| | 2SD32 | NG 120 | 1 | MAT | 25 | | 10.0 | .125 | .125 | C | 75J | | AUD | | 12UA | 10 | 90 | .002 |
| | 2SD35 | NG 105 E | | MAT | 20 | | 10.0 | .060 | .083 | A | 75J | | AUD | | 10UA | 10 | 72 | |
| | 2SD36 | NG 105 E | | MAT | 20 | | 10.0 | .060 | .083 | C | 75J | | AUD | | 10UA | 10 | 72 | |
| | 2SD43 | NG 120 | 1 | TOS | 25 | | 12.0 | .050 | .110 | A | 75J | | 1.000 | B | 14UA | 12 | 68 | .050 |
| | 2SD43A | NG 120 | 1 | TOS | 45 | | 12.0 | .150 | .110 | A | 75J | | 1.000 | B | 14UA | 12 | 68 | .050 |
| | 2SD44 | | | SEE 2SC733 | | | | | | | | | | | | | | |
| | 2SD45 | NS 605 G | | SON | 150 | 100 | 6.0 | 5.000 | 50.000 | C | 150J | | AUD | | | | 40 | 1.000 |
| | 2SD46 | NS 605 G | | SON | | 1500 | 750.0 | 3.005 | 934.050 | O | 150J | | AUD | | | | 40 | 1.000 |
| | 2SD47 | NS 605 G | | SON | 100 | 50 | 6.0 | 5.000 | 50.000 | C | 150J | | AUD | | | | 40 | 1.000 |
| | 2SD51 | NS 605 | 3 | NEC | 100 | 50 | 6.0 | 5.000 | 50.000 | A | 175J | | | | 5MA | 15 | 60 | 2.000 |
| | 2SD61 | NG 210 H | | SON | 30 | 12 | 10.0 | .100 | .120 | A | 75J | | .600 | B | 20UA | 40 | 50 | .020 |
| | 2SD62 | NG 210 H | | SON | 30 | 12 | 10.0 | .100 | .120 | A | 75J | | .600 | B | 20UA | 40 | 50 | .020 |
| | 2SD63 | NG 210 H | | SON | 25 | 10 | | .100 | .120 | A | 75J | | .600 | B | 10UA | 25 | 50 | .020 |
| | 2SD64 | NG 210 H | | SON | 25 | 20R | | .100 | .120 | A | 60J | | .600 | B | 15UA | 25 | 100 | .020 |
| | 2SD65 | NG 210 H | | SON | 25 | 10 | | .100 | .120 | A | 75J | | .600 | B | 15UA | 25 | 50 | .020 |
| | 2SD66 | NG 210 H | | SON | 25 | 10 | | .100 | .120 | A | 75J | | .500 | B | 15UA | 25 | 30 | .020 |
| | 2SD67 | NS 605 | 3 | SAN | 120 | 120R | 5.0 | 5.000 | 50.000 | C | 150J | | 40.000 | G | 10MA | 120 | 60 | 1.000 |
| | 2SD68 | NS 605 | 3 | SAN | 120 | 120R | 5.0 | 5.000 | 50.000 | C | 150J | | 40.000 | G | 10MA | 60 | 60 | 1.000 |
| | 2SD70 | NS 605 | 124 | NEC | 40 | 25 | 5.0 | 2.000 | 15.000 | C | 175J | | | | 100UA | 25 | 80 | 1.000 |
| | 2SD71 | NS 605 | 124 | NEC | 100 | 60 | 5.0 | 2.000 | 15.000 | C | 175J | | | | 100UA | 40 | 80 | .500 |
| | 2SD72 | NG 120 J | | SAN | 25 | | 6.0 | .600 | .720 | C | 85J | | .750 | B | 50UA | 20 | 120 | .200 |
| | 2SD73 | NS 605 | 3 | NEC | 100 | 60 | 5.0 | 5.000 | 60.000 | C | 175J | | | | 5MA | 100 | 50 | 1.000 |
| | 2SD74 | NS 605 | 3 | NEC | 150 | 90 | 5.0 | 5.000 | 60.000 | C | 175J | | | | 5MA | 150 | 50 | 1.000 |
| | 2SD75 | NG 120 | 1 | HIT | 25 | 25S | 12.0 | .100 | .150 | A | 85J | | 4.000 | B | 14UA | 25 | 40 | .001 |
| | 2SD75A | NG 120 | 1 | HIT | 45 | | 12.0 | .100 | .150 | A | 85J | | 4.000 | B | 25UA | 45 | 40 | .001 |
| | 2SD77 | NG 120 | 1 | HIT | 25 | | 12.0 | .070 | .100 | A | 85J | | AUD | | 14UA | 2 | 70 | |
| | 2SD77A | NG 120 | 1 | HIT | 45 | | 12.0 | .100 | .150 | A | 85J | | AUD | | 25UA | 45 | 86 | .050 |
| | 2SD78 | NS 210 | 5 | NEC | 100 | 60 | 12.0 | 2.000 | 1.000 | C | 175J | | | | 1UA | 60 | 80 | .500 |
| | 2SD79 | NS 630 A | | NEC | 100 | 60 | 12.0 | 2.000 | 1.000 | C | 175J | | | | 1UA | 60 | 80 | .500 |
| | 2SD96 | NG 120 | 1 | HIT | 25 | 18R | 2.5 | .250 | .300 | A | 85J | | 4.000 | B | 14UA | 12 | 90 | .050 |
| | 2SD100 | | | SEE 2SC482 | | | | | | | | | | | | | | |
| | 2SD100-G | | | SEE 2SC367-G | | | | | | | | | | | | | | |
| | 2SD100A | | | SEE 2SC486 | | | | | | | | | | | | | | |
| | 2SD100A-G | | | SEE 2SC367-G | | | | | | | | | | | | | | |
| | 2SD101 | | | SEE 2SC485 | | | | | | | | | | | | | | |
| | 2SD101-G | | | SEE 2SC503 | | | | | | | | | | | | | | |
| | 2SD104 | | | SEE 2SC367-G | | | | | | | | | | | | | | |
| | 2SD105-G | | | SEE 2SC367-G | | | | | | | | | | | | | | |
| | 2SD110-ORG | NS 605 | 3 | TOS | 130 | 110 | 10.0 | 10.000 | 100.000 | C | 150J | | 2.000 | G | 5MA | 50 | 88 | 1.000 |
| | 2SD110-RED | NS 605 | 3 | TOS | 130 | 110 | 10.0 | 10.000 | 100.000 | C | 150J | | 2.000 | G | 5MA | 50 | 52 | 1.000 |
| | 2SD110-YEL | NS 605 | 3 | TOS | 130 | 110 | 10.0 | 10.000 | 100.000 | C | 150J | | 2.000 | G | 5MA | 50 | 175 | 1.000 |
| | 2SD111-ORG | NS 605 | 3 | TOS | 100 | 80 | 10.0 | 10.000 | 100.000 | C | 150J | | 2.000 | G | 5MA | 50 | 88 | 1.000 |
| | 2SD111-RED | NS 605 | 3 | TOS | 100 | 80 | 10.0 | 10.000 | 100.000 | C | 150J | | 2.000 | G | 5MA | 50 | 52 | 1.000 |
| | 2SD111-YEL | NS 605 | 3 | TOS | 100 | 80 | 10.0 | 10.000 | 100.000 | C | 150J | | 2.000 | G | 5MA | 50 | 175 | 1.000 |
| | 2SD113-ORG | NS 605 | 3 | TOS | 100 | 80 | 10.0 | 10.000 | 200.000 | C | 150J | | 1.500 | G | 10MA | 50 | 88 | 1.000 |
| | 2SD113-RED | NS 605 | 3 | TOS | 100 | 80 | 10.0 | 10.000 | 200.000 | C | 150J | | 1.500 | G | 10MA | 50 | 52 | 1.000 |
| | 2SD113-YEL | NS 605 | 3 | TOS | 100 | 80 | 10.0 | 10.000 | 200.000 | C | 150J | | 1.500 | G | 10MA | 50 | 175 | 1.000 |
| | 2SD114-ORG | NS 605 | 3 | TOS | 70 | 50 | 10.0 | 10.000 | 200.000 | C | 150J | | 1.500 | G | 10MA | 50 | 88 | 1.000 |
| | 2SD114-RED | NS 605 | 3 | TOS | 70 | 50 | 10.0 | 10.000 | 200.000 | C | 150J | | 1.500 | G | 10MA | 50 | 52 | 1.000 |
| | 2SD114-YEL | NS 605 | 3 | TOS | 70 | 50 | 10.0 | 10.000 | 200.000 | C | 150J | | 1.500 | G | 10MA | 50 | 175 | 1.000 |
| | 2SD118-BLU | NS 605 | 3 | TOS | | 110 | 10.0 | 7.000 | 100.000 | C | 150J | | 2.000 | G | 50UA | 50 | 130 | 1.000 |
| | 2SD118-RED | NS 605 | 3 | TOS | | 110 | 10.0 | 7.000 | 100.000 | C | 150J | | 2.000 | G | 50UA | 50 | 45 | 1.000 |
| | 2SD118-YEL | NS 605 | 3 | TOS | | 110 | 10.0 | 7.000 | 100.000 | C | 150J | | 2.000 | G | 50UA | 50 | 80 | 1.000 |
| | 2SD119-BLU | NS 605 | 3 | TOS | | 80 | 10.0 | 7.000 | 100.000 | C | 150J | | 2.000 | G | 50UA | 50 | 130 | 1.000 |
| | 2SD119-RED | NS 605 | 3 | TOS | | 80 | 10.0 | 7.000 | 100.000 | C | 150J | | 2.000 | G | 50UA | 50 | 45 | 1.000 |
| | 2SD119-YEL | NS 605 | 3 | TOS | | 80 | 10.0 | 7.000 | 100.000 | C | 150J | | 2.000 | G | 50UA | 50 | 80 | 1.000 |
| | 2SD120 | NS 211 | 5 | HIT | 60 | 40 | 12.0 | 1.500 | 1.000 | A | 175J | | .800 | B | 10UA | 30 | 60 | .200 |
| | 2SD121 | NS 211 | 5 | HIT | 100 | 55 | 12.0 | 1.500 | 1.000 | A | 175J | | .800 | B | 10UA | 30 | 60 | .200 |
| | 2SD122 | NS 171 | 8 | HIT | 60 | 40 | 12.0 | 3.000 | 15.000 | C | 175J | | .600 | B | 15UA | 30 | 48 | .750 |
| | 2SD123 | NS 171 | 8 | HIT | 100 | 55 | 12.0 | 3.000 | 15.000 | C | 175J | | .600 | B | 15UA | 30 | 48 | .750 |
| | 2SD124 | NS 605 | 3 | HIT | 60 | 40 | 10.0 | 6.000 | 60.000 | C | 175J | | .500 | B | 25UA | 25 | 30 | |
| | 2SD124A | NS 605 | 3 | HIT | 75 | 50 | 10.0 | 7.000 | 60.000 | C | 175J | | 1.000 | G | 25UA | 30 | 40 | 1.500 |
| | 2SD125 | NS 605 | 3 | HIT | 100 | 55 | 10.0 | 6.000 | 60.000 | C | 175J | | .500 | B | 25UA | 25 | 30 | |
| | 2SD125A | NS 605 | 3 | HIT | 100 | | 10.0 | 8.000 | 60.000 | C | 175J | | AUD | | 25UA | 30 | 50 | .002 |
| | 2SD126 | NS 605 | 3 | HIT | 150 | | 5.0 | 8.000 | 60.000 | C | 175J | | AUD | | 25UA | 30 | 50 | .002 |
| | 2SD127 | NG 120 | 1 | SON | 23 | 20R | | .500 | .250 | A | 85J | | 2.000 | B | 15UA | 15 | 70 | .020 |
| | 2SD127A | NG 120 | 1 | SON | 23 | 20R | | .500 | .250 | A | 85J | | 2.000 | B | 15UA | 15 | 82 | .020 |
| | 2SD128 | NG 120 | 1 | SON | 32 | 30R | | .500 | .250 | A | 85J | | 2.000 | B | 15UA | 15 | 82 | .020 |
| | 2SD128A | NG 120 | 1 | SON | 32 | 30R | | .500 | .250 | A | 85J | | 2.000 | B | 15UA | 15 | 82 | .020 |
| | 2SD129-BLU | NS 605 | 66 | TOS | | 80 | 10.0 | 3.000 | 25.000 | C | 150J | | 1.000 | G | 1MA | 50 | 135 | .500 |
| | 2SD129-RED | NS 605 | 66 | TOS | | 80 | 10.0 | 3.000 | 25.000 | C | 150J | | 1.000 | G | 1MA | 50 | 47 | .500 |
| | 2SD129-YEL | NS 605 | 66 | TOS | | 80 | 10.0 | 3.000 | 25.000 | C | 150J | | 1.000 | G | 1MA | 50 | 80 | .500 |
| | 2SD130-BLU | NS 605 | 66 | TOS | | 50 | 10.0 | 3.000 | 25.000 | C | 150J | | 1.000 | G | 1MA | 50 | 135 | .500 |
| | 2SD130-RED | NS 605 | 66 | TOS | | 50 | 10.0 | 3.000 | 25.000 | C | 150J | | 1.000 | G | 1MA | 50 | 47 | .500 |
| | 2SD130-YEL | NS 605 | 66 | TOS | | 50 | 10.0 | 3.000 | 25.000 | C | 150J | | 1.000 | G | 1MA | 50 | 80 | .500 |
| | 2SD132 | NS 607 A | | NEC | 100 | 60 | 6.0 | 10.000 | 120.000 | C | 175J | | | | 1MA | 60 | 35 | 5.000 |
| | 2SD134 | NG 35 B | | SON | 60 | 60R | 3.0 | .005 | .030 | A | 65J | | | | 8UA | 15 | 40 | .003 |
| | 2SD141 | NS 605 | 124 | NEC | 20 | 12R | 5.0 | 3.000 | 15.000 | C | 175J | | | | 100UA | 12 | 80 | 1.000 |
| | 2SD142 | NS 605 | 124 | NEC | 40 | 20R | 5.0 | 3.000 | 15.000 | C | 175J | | | | 100UA | 20 | 80 | 1.000 |
| | 2SD143 | NS 605 | 124 | NEC | 80 | 40R | 5.0 | 2.000 | 15.000 | C | 175J | | | | 100UA | 40 | 80 | .500 |
| | 2SD144 | NS 605 | 124 | NEC | 100 | 50R | 5.0 | 2.000 | 15.000 | C | 175J | | | | 100UA | 50 | 80 | .500 |
| | 2SD150 | NS 605 | 124 | NEC | 50 | 40R | 5.0 | 2.000 | 15.000 | C | 150J | | | | 100UA | 40 | 80 | 1.000 |
| | 2SD151 | NS 605 | 3 | NEC | 100 | 65 | 6.0 | 20.000 | 150.000 | C | 175J | | | | 5MA | 65 | 40 | 20.000 |
| | 2SD152 | NS 605 | 124 | NEC | 150 | 70R | 6.0 | 3.000 | 20.000 | C | 175J | | | | 100UA | 70 | 80 | .500 |
| | 2SD154 | NS 605 | 124 | NEC | 80 | 60R | 5.0 | 3.000 | 20.000 | C | 150J | | | | 1MA | 60 | 80 | 2.000 |
| | 2SD155 | NS 605 | 66 | NEC | 80 | 60R | 5.0 | 3.000 | 20.000 | C | 150J | | | | 1MA | 60 | 80 | 2.000 |
| | 2SD178 | NG 120 G | | MAT | 20 | | 6.0 | .300 | .225 | C | 75J | | AUD | | 27UA | 6 | 95 | .300 |
| | 2SD178A | NG 120 G | | MAT | 40 | | 6.0 | .300 | .225 | C | 75J | | AUD | | 27UA | 6 | 95 | .300 |
| | 2SD178B | NG 120 G | | MAT | 60 | | 6.0 | .300 | .225 | C | 75J | | AUD | | 27UA | 6 | 95 | .300 |
| | 2SD180 | NS 605 | 3 | NEC | 80 | 60R | 7.0 | 7.500 | 50.000 | C | 150J | | | | 2MA | 60 | 60 | 3.000 |
| | 2SD186 | NG 120 J | | SAN | 25 | | 12.0 | .150 | .200 | A | 85J | | 1.000 | B | 15UA | 20 | 100 | |
| | 2SD187 | NG 120 J | | SAN | 25 | | 12.0 | .150 | .200 | A | 85J | | .100 | B | 15UA | 20 | 100 | .030 |
| | 2SD191 | NG 210 | 5 | TOS | 30 | | 12.0 | .150 | .150 | A | 75J | | 1.000 | B | 14UA | 12 | 78 | .001 |
| | 2SD192 | NG 210 | 5 | TOS | 30 | | 12.0 | .150 | .150 | A | 75J | | 1.000 | B | 14UA | 12 | 72 | .050 |
| | 2SD193 | NG 211 | 5 | TOS | 35 | | 12.0 | .400 | .250 | A | 75J | | .200 | B | 35UA | 12 | 98 | .150 |
| | 2SD194 | NG 211 | 5 | TOS | 32 | | 12.0 | .400 | .250 | A | 75J | | .200 | B | 40UA | 12 | 78 | .150 |
| | 2SD204 | NS 210 | 5 | NEC | 60 | 30R | 5.0 | .700 | .600 | A | 150J | | | | 2UA | 50 | 80 | .300 |
| | 2SD205 | NS 210 | 5 | NEC | 60 | 30R | 5.0 | .700 | 1.000 | A | 150J | | | | 2UA | 50 | 80 | .300 |
| | 2SD217 | NS 605 | 3 | NEC | 120 | 80R | 7.0 | 7.000 | 60.000 | A | 150J | | | | 2MA | 80 | 60 | 4.000 |
| | 2SD218 | NS 605 | 3 | NEC | 150 | 100R | 7.0 | 7.000 | 60.000 | A | 150J | | | | 2MA | 80 | 60 | 4.000 |
| | 2SD227 | NS 42 | 92 | NEC | 30 | 15R | 5.0 | .300 | .250 | A | 125J | | | | 100UA | 15 | 120 | .300 |
| | 2SD228 | NS 42 A | | NEC | 30 | 15R | 5.0 | .300 | .400 | A | 125J | | | | 100UA | 15 | 120 | .300 |
| | 2SD234-ORG | NS 54 D | | TOS | | 50 | 10.0 | 3.000 | 25.000 | C | 150J | | 1.000 | G | 200UA | 20 | 105 | .500 |
| | 2SD234-RED | NS 54 D | | TOS | | 50 | 10.0 | 3.000 | 25.000 | C | 150J | | 1.000 | G | 200UA | 20 | 60 | .500 |
| | 2SD234-YEL | NS 54 D | | TOS | | 50 | 10.0 | 3.000 | 25.000 | C | 150J | | 1.000 | G | 200UA | 20 | 180 | .500 |
| | 2SD235-ORG | NS 54 D | | TOS | | 35 | 10.0 | 3.000 | 25.000 | C | 150J | | 1.000 | G | 200UA | 20 | 105 | .500 |
| | 2SD235-RED | NS 54 D | | TOS | | 35 | 10.0 | 3.000 | 25.000 | C | 150J | | 1.000 | G | 200UA | 20 | 60 | .500 |
| | 2SD235-YEL | NS 54 D | | TOS | | 35 | 10.0 | 3.000 | 25.000 | C | 150J | | 1.000 | G | 200UA | 20 | 180 | .500 |
| | 2SD254 | NS 605 | 124 | NEC | 70 | 50R | 5.0 | 2.000 | 20.000 | A | 150J | | | | 1MA | 60 | 80 | 2.000 |
| | 2SD255 | NS 605 | 66 | NEC | 70 | 50R | 5.0 | 2.000 | 20.000 | A | 150J | | | | 1MA | 60 | 80 | 2.000 |
| | 2T15 | | | SEE 2SB50 | | | | | | | | | | | | | | |
| | 2T64 | | | SEE 2SD64 | | | | | | | | | | | | | | |
| | 2T65 | | | SEE 2SD65 | | | | | | | | | | | | | | |
| | 2T66 | | | SEE 2SD66 | | | | | | | | | | | | | | |
| | 2T69 | | | SEE 2SD63 | | | | | | | | | | | | | | |
| | 2T73 | | | SEE 2SC73 | | | | | | | | | | | | | | |
| | 2T75 | | | SEE 2SC75 | | | | | | | | | | | | | | |
| | 2T76 | | | SEE 2SC76 | | | | | | | | | | | | | | |
| | 2T77 | | | SEE 2SC77 | | | | | | | | | | | | | | |
| | 2T78 | | | SEE 2SC78 | | | | | | | | | | | | | | |
| | 2T83 | | | SEE 2SB53 | | | | | | | | | | | | | | |
| | 2T201 | | | SEE 2SA121,2,3 | | | | | | | | | | | | | | |
| | 2T203 | | | SEE 2SA124 | | | | | | | | | | | | | | |
| | 2T205A | | | SEE 2SA125 | | | | | | | | | | | | | | |
| | 2T311 | | | SEE 2SB48 | | | | | | | | | | | | | | |
| | 2T312 | | | SEE 2SB48 | | | | | | | | | | | | | | |
| | 2T313 | | | SEE 2SB49 | | | | | | | | | | | | | | |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Condition | Cutoff $I_{CBO}$ @ $V_{CB}$ | | Gain $h_{FE}$ @ $I_C$(A) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | | | | |
| | 2T314 | | | SEE 2SB49 | | | | | | | | | | | | |
| | 2T321 | | | SEE 2SB51 | | | | | | | | | | | | |
| | 2T322 | | | SEE 2SB51 | | | | | | | | | | | | |
| | 2T323 | | | SEE 2SB52 | | | | | | | | | | | | |
| | 2T324 | | | SEE 2SB52 | | | | | | | | | | | | |
| | 2T681 | | | SEE 2SD61 | | | | | | | | | | | | |
| | 2T682 | | | SEE 2SD62 | | | | | | | | | | | | |
| | 2T3011 | | | SEE 2SB140 | | | | | | | | | | | | |
| | 2T3021 | | | SEE 2SB141 | | | | | | | | | | | | |
| | 2T3030 | | | SEE 2SB142 | | | | | | | | | | | | |
| | 2T3031 | | | SEE 2SB143 | | | | | | | | | | | | |
| | 2T3032 | | | SEE 2SB143,4 | | | | | | | | | | | | |
| | 2T3033 | | | SEE 2SB144 | | | | | | | | | | | | |
| | 2T3041 | | | SEE 2SB145 | | | | | | | | | | | | |
| | 2T3042 | | | SEE 2SB145,6 | | | | | | | | | | | | |
| | 2T3043 | | | SEE 2SB146 | | | | | | | | | | | | |
| | 3TE110 | | | SEE 2N4131 | | | | | | | | | | | | |
| | 3TE120 | | | SEE 2N4130 | | | | | | | | | | | | |
| - | 3TE245 | NS 543 | 60 | ITT | 70 | 70 | 4.0 | 1.000 | 23.000 | C | 200J | | 400.000 | G | 500UA 65 | 30 .500 |
| - | 3TE350 | NS 632 | 37 | ITT | 70 | 40 | 4.0 | .500 | 7.500 | C | 200J | | 350.000 | G | 100UA 70 | 30 .500 |
| - | 3TE440 | NS 960 A | | ITT | 80 | 80 | 4.0 | 1.500 | 25.000 | C | 200J | | 350.000 | G | 100UA 70 | 26 .500 |
| - | 3TE450 | NS 960 A | | ITT | 80 | 80 | 4.0 | .500 | 7.500 | C | 200J | | 350.000 | G | 100UA 70 | 30 .500 |
| | 3TE604 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | 3TE609 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | 3TE610 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | 3TE611 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | 3TX601 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | 3TX602 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | 3TX632 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | 3TX820 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | 3TX821 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| - | 4C28 | NS 210 | 5 | GEC | 40 | 30 | 2.0 | .025 | .150 | A | 125J | | 12.000 | B | 2UA 30 | 12 |
| - | 4C29 | NS 210 | 5 | GEC | 40 | 30 | 2.0 | .625 | .150 | A | 125J | | 12.000 | B | 2UA 30 | 12 |
| - | 4C30 | NS 210 | 5 | GEC | 40 | 30 | 2.0 | .025 | .150 | A | 125J | | 12.000 | B | 2UA 30 | 44 |
| - | 4C31 | NS 210 | 5 | GEC | 40 | 30 | 2.0 | .025 | .150 | A | 125J | | 12.000 | B | 2UA 30 | 80 |
| - | 4C43 | NS 210 | 5 | GEC | 80 | | 1.0 | .060 | .600 | A | 125J | | | | 2UA 50 | 20 |
| - | 4D20 | NS 210 | 5 | GEC | 40 | 24 | 1.5 | .025 | .125 | A | 150J | | | | 1UA 15 | 32 |
| - | 4D21 | NS 210 | 5 | GEC | 40 | 24 | 1.5 | .025 | .125 | A | 150J | | | | 1UA 15 | 88 |
| | 4D22 | | | SEE 2N2349 | | | | | | | | | | | | |
| - | 4D24 | NS 210 | 5 | GEC | 15 | 15 | 1.0 | .025 | .125 | A | 125J | | | | 1UA 12 | 32 |
| - | 4D25 | NS 210 | 5 | GEC | 15 | 15 | 1.0 | .025 | .125 | A | 125J | | | | 1UA 12 | 88 |
| - | 4D26 | NS 210 | 5 | GEC | 15 | 15 | 1.0 | .025 | .600 | A | 125J | | | | 1UA 12 | 180 |
| | 7A30 | NS 210 | 5 | GEC | 50 | 50 | 5.0 | | 1.000 | A | 150J | | 8.000 | B | 10UA 30 | 24 |
| | 7A31 | NS 210 | 5 | GEC | 50 | 50 | 5.0 | | 1.000 | A | 150J | | 8.000 | B | 10UA 30 | 60 |
| | 7A32 | NS 210 | 5 | GEC | 50 | 50 | 5.0 | | 1.000 | A | 150J | | 8.000 | B | 10UA 30 | 130 |
| - | 7B1 | NS 635 B | | GEC | 80 | 60 | 10.0 | | 15.000 | C | 175J | | 12.000 | B | 50UA 80 | 24 |
| - | 7B2 | NS 635 B | | GEC | 80 | 60 | 10.0 | | 15.000 | C | 175J | | 12.000 | B | 50UA 80 | 60 |
| - | 7C1 | NS 670 A | | GEC | 80 | 60 | 10.0 | | 15.000 | C | 175J | | 12.000 | B | 50UA 80 | 24 |
| - | 7C2 | NS 670 A | | GEC | 80 | 60 | 10.0 | | 15.000 | C | 175J | | 12.000 | B | 50UA 80 | 60 |
| - | 7C3 | NS 670 A | | GEC | 120 | 100 | 10.0 | | 15.000 | C | 175J | | 12.000 | B | 50UA 120 | 24 |
| - | 7D1 | NS 676 A | | GEC | 80 | 60 | 10.0 | | 15.000 | C | 175J | | 12.000 | B | 50UA 80 | 24 |
| - | 7D2 | NS 676 A | | GEC | 80 | 60 | 10.0 | | 15.000 | C | 175J | | 12.000 | B | 50UA 80 | 60 |
| - | 7D3 | NS 676 A | | GEC | 120 | 100 | 10.0 | | 15.000 | C | 175J | | 12.000 | B | 50UA 120 | 24 |
| - | 7E1 | NS 680 A | | GEC | 80 | 60 | 10.0 | | 15.000 | C | 175J | | 12.000 | B | 50UA 80 | 24 |
| - | 7E2 | NS 680 A | | GEC | 80 | 60 | 10.0 | | 15.000 | C | 175J | | 12.000 | B | 50UA 80 | 60 |
| - | 7E3 | NS 680 A | | GEC | 120 | 100 | 10.0 | | 15.000 | C | 175J | | 12.000 | B | 50UA 120 | 24 |
| - | 7F1 | NS 530 B | | GEC | 80 | 60 | 10.0 | | 7.000 | A | 175J | | 12.000 | B | 50UA 80 | 24 |
| - | 7F2 | NS 530 B | | GEC | 80 | 60 | 10.0 | | 15.000 | C | 175J | | 12.000 | B | 50UA 80 | 60 |
| - | 7F3 | NS 530 B | | GEC | 120 | 100 | 10.0 | | 15.000 | C | 175J | | 12.000 | B | 50UA 120 | 24 |
| - | 7F4 | NS 530 B | | GEC | 120 | 100 | 10.0 | | 7.000 | C | 175A | | 20.000 | B | 50UA 120 | 60 |
| - | 7G1 | NS 530 A | | GEC | 80 | 60 | 10.0 | | 15.000 | C | 175J | | 12.000 | B | 50UA 80 | 24 |
| - | 7G2 | NS 530 A | | GEC | 80 | 60 | 10.0 | | 15.000 | C | 175J | | 12.000 | B | 50UA 80 | 60 |
| - | 7G3 | NS 530 A | | GEC | 120 | 100 | 10.0 | | 15.000 | C | 175J | | 12.000 | B | 50UA 120 | 24 |
| - | 7G4 | NS 530 A | | GEC | 120 | 100 | 10.0 | | 15.000 | C | 175A | | 20.000 | B | 50UA 120 | 60 |
| - | 10B551-2 | NS 785 A | | GEC | 40 | 15 | 5.0 | | .100 | A | 125J | | 300.000 | G | 50NA 15 | 60 .010 |
| - | 10B551-3 | NS 786 A | | GEC | 40 | 15 | 5.0 | | .100 | A | 125J | | 300.000 | G | 50NA 15 | 60 .010 |
| - | 10B553-2 | NS 785 A | | GEC | 40 | 15 | 5.0 | | .100 | A | 125J | | 200.000 | G | 500NA 15 | 60 .010 |
| - | 10B553-3 | NS 786 A | | GEC | 40 | 15 | 5.0 | | .100 | A | 125J | | 200.000 | G | 500NA 15 | 60 .010 |
| - | 10B555-2 | NS 785 A | | GEC | 25 | 20R | 3.0 | | .100 | A | 125J | | 200.000 | G | 500NA 15 | 40 .010 |
| - | 10B555-3 | NS 786 A | | GEC | 25 | 20R | 3.0 | | .100 | A | 125J | | 200.000 | G | 500NA 15 | 40 .010 |
| - | 10B556-2 | NS 785 A | | GEC | 25 | 15 | 5.0 | | .100 | A | 125J | | 200.000 | G | 500NA 15 | 36 .010 |
| - | 10B556-3 | NS 786 A | | GEC | 25 | 15 | 5.0 | | .100 | A | 125J | | 200.000 | G | 500NA 15 | 36 .010 |
| - | 10C573-2 | NS 785 A | | GEC | 45 | 45 | | | .100 | A | 125J | | 200.000 | G | 200NA 30 | 62 .001 |
| - | 10C573-3 | NS 786 A | | GEC | 45 | 45 | | | .100 | A | 125J | | 200.000 | G | 200NA 30 | 62 .001 |
| - | 10C574-2 | NS 785 A | | GEC | 45 | 45 | | | .100 | A | 125J | | 200.000 | G | 200NA 30 | 160 .001 |
| - | 10C574-3 | NS 786 A | | GEC | 45 | 45 | | | .100 | A | 125J | | 200.000 | G | 200NA 30 | 160 .001 |
| - | 11B551-2 | NS 785 A | | GEC | 60 | 28 | 5.0 | | .100 | A | 125J | | 40.000 | G | 500NA 30 | 36 .010 |
| - | 11B551-3 | NS 786 A | | GEC | 60 | 28 | 5.0 | | .100 | A | 125J | | 40.000 | G | 500NA 30 | 36 .010 |
| - | 11B552-2 | NS 785 A | | GEC | 60 | 28 | 5.0 | | .100 | A | 125J | | 50.000 | G | 500NA 30 | 70 .010 |
| - | 11B552-3 | NS 786 A | | GEC | 60 | 28 | 5.0 | | .100 | A | 125J | | 50.000 | G | 500NA 30 | 70 .010 |
| - | 11B554-2 | NS 785 A | | GEC | 60 | 28 | 7.0 | | .100 | A | 125J | | 60.000 | G | 25NA 40 | 70 .010 |
| - | 11B554-3 | NS 786 A | | GEC | 60 | 28 | 7.0 | | .100 | A | 125J | | 60.000 | G | 25NA 40 | 70 .010 |
| - | 11B555-2 | NS 785 A | | GEC | 60 | 28 | 7.0 | | .100 | A | 125J | | 60.000 | G | 25NA 40 | 176 .010 |
| - | 11B555-3 | NS 786 A | | GEC | 60 | 28 | 7.0 | | .100 | A | 125J | | 60.000 | G | 25NA 40 | 176 .010 |
| - | 11B556-2 | NS 785 A | | GEC | 100 | 80 | 7.0 | | .100 | A | 125J | | 50.000 | G | 25NA 40 | 70 .010 |
| - | 11B556-3 | NS 786 A | | GEC | 100 | 80 | 7.0 | | .100 | A | 125J | | 50.000 | G | 25NA 40 | 70 .010 |
| - | 11B560-2 | NS 785 A | | GEC | 100 | 60 | 5.0 | | .100 | A | 125J | | 50.000 | G | 500NA 30 | 70 .010 |
| - | 11B560-3 | NS 786 A | | GEC | 100 | 60 | 5.0 | | .100 | A | 125J | | 50.000 | G | 500NA 30 | 70 .010 |
| - | 11C1B1 | NS 635 B | | GEC | 60 | 40 | 5.0 | 1.000 | 5.000 | C | 200J | | 50.000 | G | 10NA 30 | 176 .150 |
| - | 11C1F1 | NS 530 B | | GEC | 60 | 40 | 5.0 | 1.000 | 3.100 | C | 200J | | 50.000 | G | 10NA 30 | 176 .150 |
| - | 11C3B1 | NS 635 B | | GEC | 80 | 50 | 8.0 | 1.000 | 5.000 | C | 200J | | 50.000 | G | 10NA 60 | 70 .150 |
| - | 11C3F1 | NS 530 B | | GEC | 80 | 50 | 7.0 | 1.000 | 3.100 | C | 200J | | 50.000 | G | 10NA 60 | 70 .150 |
| - | 11C5B1 | NS 635 B | | GEC | 60 | 40 | 5.0 | 1.000 | 5.000 | C | 200J | | 50.000 | G | 10NA 30 | 36 .150 |
| - | 11C5F1 | NS 530 B | | GEC | 60 | 40 | 5.0 | 1.000 | 3.100 | C | 200J | | 50.000 | G | 10NA 30 | 36 .150 |
| - | 11C7B1 | NS 635 B | | GEC | 45 | 25 | 5.0 | 1.000 | 5.000 | C | 200J | | 50.000 | G | 10NA 30 | 40 .150 |
| - | 11C7F1 | NS 530 B | | GEC | 45 | 25 | 5.0 | 1.000 | 3.100 | C | 200J | | 50.000 | G | 10NA 30 | 40 .150 |
| - | 11C10B1 | NS 635 B | | GEC | 120 | 80 | 7.0 | 1.000 | 5.000 | C | 200J | | 50.000 | G | 10NA 60 | 70 .150 |
| - | 11C10F1 | NS 530 B | | GEC | 120 | 80 | 7.0 | 1.000 | 3.100 | C | 200J | | 50.000 | G | 10NA 60 | 70 .150 |
| - | 11C11B1 | NS 211 | 46 | GEC | 60 | 40 | 5.0 | 1.000 | 5.000 | A | 200A | | 50.000 | G | 10NA 30 | 80 |
| - | 11C11B20 | NS 211 | 46 | GEC | 60 | 40 | 5.0 | 1.000 | 5.000 | A | 200A | | 50.000 | G | 10NA 30 | 80 |
| - | 11C11F1 | NS 530 B | | GEC | 60 | 40 | 5.0 | 1.000 | 3.100 | C | 200J | | 50.000 | G | 10NA 30 | 70 .150 |
| - | 11C201B20 | NS 612 A | | GEC | 60 | 40 | 5.0 | 1.000 | 5.000 | C | 200J | | 50.000 | G | 10NA 30 | 176 .150 |
| - | 11C203B20 | NS 612 A | | GEC | 80 | 50 | 8.0 | 1.000 | 5.000 | C | 200J | | 50.000 | G | 10NA 60 | 70 .150 |
| - | 11C205B20 | NS 612 A | | GEC | 60 | 40 | 5.0 | 1.000 | 5.000 | C | 200J | | 50.000 | G | 10NA 30 | 36 .150 |
| - | 11C207B20 | NS 612 A | | GEC | 45 | 25 | 5.0 | 1.000 | 5.000 | C | 200J | | 50.000 | G | 10NA 30 | 40 .150 |
| - | 11C210B20 | NS 612 A | | GEC | 120 | 80 | 7.0 | 1.000 | 5.000 | C | 200J | | 50.000 | G | 10NA 60 | 70 .150 |
| - | 11C551-2 | NS 785 A | | GEC | 60 | 40 | 5.0 | | .100 | A | 125J | | 50.000 | G | 25NA 30 | 176 .010 |
| - | 11C551-3 | NS 786 A | | GEC | 60 | 40 | 5.0 | | .100 | A | 125J | | 50.000 | G | 25NA 30 | 176 .010 |
| - | 11C553-2 | NS 785 A | | GEC | 60 | 40 | 7.0 | | .100 | A | 125J | | 50.000 | G | 25NA 30 | 70 .010 |
| - | 11C553-3 | NS 786 A | | GEC | 60 | 40 | 7.0 | | .100 | A | 125J | | 50.000 | G | 25NA 30 | 70 .010 |
| - | 11C557-2 | NS 785 A | | GEC | 45 | 25 | 5.0 | | .100 | A | 125J | | 50.000 | G | 50NA 30 | 68 .010 |
| - | 11C557-3 | NS 786 A | | GEC | 45 | 25 | 5.0 | | .100 | A | 125J | | 50.000 | G | 50NA 30 | 68 .010 |
| - | 11C702 | NS 909 | 50 | GEC | 60 | 40 | 5.0 | 1.000 | .300 | A | 175J | | 50.000 | G | 10NA 30 | 180 .150 |
| - | 11C704 | NS 909 | 50 | GEC | 80 | 50 | 8.0 | 1.000 | .300 | A | 175J | | 50.000 | G | 10NA 60 | 70 .150 |
| - | 11C710 | NS 909 | 50 | GEC | 120 | 80 | 7.0 | 1.000 | .300 | A | 175J | | 50.000 | G | 10NA 60 | 70 .150 |
| - | 11C1536 | NS 211 | 5 | GEC | 50 | 30 | 6.0 | 1.000 | .800 | A | 200J | | 50.000 | G | 50NA 30 | 80 .150 |
| | 16A1 | | | SEE 2N2711 | | | | | | | | | | | | |
| | 16A2 | | | SEE 2N2712 | | | | | | | | | | | | |
| - | 16A667-GRN | NS 45 | 98 | GEC | 18 | 18 | 5.0 | .100 | .200 | A | 100J | | | | 500NA 18 | 342 .002 |
| - | 16A667-ORG | NS 45 | 98 | GEC | 18 | 18 | 5.0 | .100 | .200 | A | 100J | | | | 500NA 18 | 136 .002 |
| - | 16A667-RED | NS 45 | 98 | GEC | 18 | 18 | 5.0 | .100 | .200 | A | 100J | | | | 500NA 18 | 82 .002 |
| - | 16A667-YEL | NS 45 | 98 | GEC | 18 | 18 | 5.0 | .100 | .200 | A | 100J | | | | 500NA 18 | 226 .002 |
| - | 16A668-GRN | NS 45 | 98 | GEC | 18 | 18 | 5.0 | .100 | .200 | A | 100J | | | | 500NA 18 | 342 .002 |
| - | 16A668-ORG | NS 45 | 98 | GEC | 18 | 18 | 5.0 | .100 | .200 | A | 100J | | | | 500NA 18 | 136 .002 |
| - | 16A668-YEL | NS 45 | 98 | GEC | 18 | 18 | 5.0 | .100 | .200 | A | 100J | | | | 500NA 18 | 226 .002 |
| - | 16A669-GRN | NS 45 | 98 | GEC | 18 | 18 | 5.0 | .100 | .200 | A | 100J | | | | 500NA 18 | 342 .002 |
| - | 16A669-YEL | NS 45 | 98 | GEC | 18 | 18 | 5.0 | .100 | .200 | A | 100J | | | | 500NA 18 | 226 .002 |
| | 16B1 | | | SEE 2N2713 | | | | | | | | | | | | |
| | 16B2 | | | SEE 2N2714 | | | | | | | | | | | | |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Condition | Cutoff $I_{CBO}$ @ $V_{CB}$ | | Gain $h_{FE}$ @ $I_C$(A) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | | | | |
| - | 16B670-GRN | NS 45 | 98 | GEC | 18 | 18 | 5.0 | .200 | .200 | A | 100J | | | 500NA 18 | 360 | |
| - | 16B670-RED | NS 45 | 98 | GEC | 18 | 18 | 5.0 | .200 | .200 | A | 100J | | | 500NA 18 | 60 | |
| - | 16B670-YEL | NS 45 | 98 | GEC | 18 | 18 | 5.0 | .200 | .200 | A | 100J | | | 500NA 18 | 150 | |
| | 16G2 | | | SEE 2N3663 | | | | | | | | | | | | |
| | 16J1 | | | SEE 2N3605 | | | | | | | | | | | | |
| | 16J2 | | | SEE 2N3606 | | | | | | | | | | | | |
| | 16J3 | | | SEE 2N3607 | | | | | | | | | | | | |
| - | 16K1 | NS 45 | 98 | GEC | 30 | 30 | 4.0 | .025 | .200 | A | 100J | | 315.000 G | 500NA 20 | 60 | .005 |
| - | 16K2 | NS 45 | 98 | GEC | 30 | 30 | 4.0 | .025 | .200 | A | 100J | | 315.000 G | 500NA 20 | 60 | .005 |
| - | 16K3 | NS 45 | 98 | GEC | 30 | 30 | 4.0 | .025 | .200 | A | 100J | | 315.000 G | 500NA 20 | 60 | .005 |
| - | 16L2 | NS 45 | 98 | GEC | 30 | 30 | 4.0 | .100 | .200 | A | 100J | | 80.000 G | 500NA 18 | 30 | |
| - | 16L3 | NS 45 | 98 | GEC | 30 | 30 | 4.0 | .100 | .200 | A | 100J | | 86.000 G | 500NA 18 | 54 | |
| - | 16L4 | NS 45 | 98 | GEC | 30 | 30 | 4.0 | .100 | .200 | A | 100J | | 112.000 G | 500NA 18 | 90 | |
| - | 16L5 | NS 45 | 98 | GEC | 30 | 30 | 4.0 | .100 | .200 | A | 100J | | 412.400 G | 500NA 18 | 10 | |
| - | 16L22 | NS 45 | 98 | GEC | 30 | 30 | 4.0 | .100 | .200 | A | 100J | | 80.000 G | 500NA 18 | 30 | |
| - | 16L23 | NS 45 | 98 | GEC | 30 | 30 | 4.0 | .100 | .200 | A | 100J | | 86.000 G | 500NA 18 | 54 | |
| - | 16L24 | NS 45 | 98 | GEC | 30 | 30 | 4.0 | .100 | .200 | A | 100J | | 112.000 G | 500NA 18 | 90 | |
| - | 16L25 | NS 45 | 98 | GEC | 30 | 30 | 4.0 | .100 | .200 | A | 100J | | 124.000 G | 500NA 18 | 104 | |
| - | 16L42 | NS 45 | 98 | GEC | 18 | 18 | 4.0 | .100 | .200 | A | 100J | | 80.000 G | 500NA 18 | 30 | |
| | 16L43 | | | SEE 2N3854 | | | | | | | | | | | | |
| | 16L44 | | | SEE 2N3855 | | | | | | | | | | | | |
| | 16L45 | | | SEE 2N3856 | | | | | | | | | | | | |
| - | 16L62 | NS 45 | 98 | GEC | 30 | 30 | 4.0 | .100 | .200 | A | 100J | | 80.000 G | 500NA 18 | 30 | |
| | 16L63 | | | SEE 2N3854A | | | | | | | | | | | | |
| | 16L64 | | | SEE 2N3855A | | | | | | | | | | | | |
| | 16L65 | | | SEE 2N3856A | | | | | | | | | | | | |
| | 16X1 | | | SEE 2N3877A | | | | | | | | | | | | |
| | 16X2 | | | SEE 2N3877 | | | | | | | | | | | | |
| | 71T2 | NS 635 B | | SES | 80 | | 5.0 | | 15.000 | C | 175J | | 30.000 G | 50UA 60 | 52 | 1.000 |
| | 72T2 | NS 635 B | | SES | 80 | | 5.0 | | 15.000 | C | 175J | | 30.000 G | 50UA 60 | 125 | 1.000 |
| | 73T2 | NS 635 B | | SES | 80 | | 5.0 | | 15.000 | C | 175J | | 15.000 G | 75UA 80 | 52 | .200 |
| | 74T2 | NS 635 B | | SES | 80 | | 5.0 | | 15.000 | C | 175J | | 15.000 G | 75UA 80 | 125 | .200 |
| | 80T2 | NS 171 | 8 | SES | 50 | | 4.0 | | 2.000 | A | 175J | | 150.000 G | 100NA 30 | 14 | .046 |
| | 81T2 | NS 211 | 5 | SES | 50 | | 4.0 | | 1.000 | A | 175J | | 150.000 G | 100NA 30 | 14 | .040 |
| | 82T2 | NS 540 | 60 | SES | | 50R | 4.0 | 1.000 | 9.000 | C | 175J | | 250.000 G | 1UA 30 | 15 | .500 |
| | 83T2 | NS 540 | 60 | SES | | 60R | 4.0 | 2.000 | 10.000 | C | 175J | | 250.000 G | 3UA 30 | 15 | 1.000 |
| | 90T2 | NS 43 | 98 | SES | 100 | | 4.0 | .050 | .200 | A | 100J | | | 500NA 70 | 30 | .030 |
| | 91T6 | NS 45 | 98 | SES | 18 | | 5.0 | .100 | .200 | A | 125J | | 5.000 G | 100NA 18 | 375 | .001 |
| | 92T6 | NS 45 | 98 | SES | 18 | | 5.0 | .100 | .200 | A | 125J | | 5.000 G | 100NA 18 | 225 | .001 |
| | 93T6 | NS 45 | 98 | SES | 18 | | 5.0 | .100 | .200 | A | 125J | | 5.000 G | 100NA 18 | 150 | .001 |
| | 98T2 | NS 43 | 98 | SES | 18 | 18 | 5.0 | .200 | .200 | A | 100J | | 200.000 G | 500NA 18 | 350 | .100 |
| | 100T2 | NS 605 | 3 | SES | 120 | 80S | | | 85.000 | C | | | 30.000 G | 10MA 120 | 50 | 2.000 |
| | 108T2 | NS 605 | 3 | SES | 120 | 80 | 10.0 | 30.000 | 175.000 | C | 200J | | 10.000 G | 500UA 120 | 35 | 10.000 |
| | 109T2 | NS 605 | 3 | SES | 160 | 125 | 10.0 | 30.000 | 175.000 | C | 200J | | 10.000 G | 500UA 120 | 35 | 10.000 |
| | 111T2 | NS 210 | 5 | SES | | 90S | 4.0 | | .800 | A | 175J | | | 1UA 30 | 60 | .150 |
| | 121-6 | | | SEE 2N216 | | | | | | | | | | | | |
| | 121-7 | | | SEE 2N35 | | | | | | | | | | | | |
| | 121-9 | | | SEE 2N112 | | | | | | | | | | | | |
| | 121-10 | | | SEE 2N111 | | | | | | | | | | | | |
| | 121-11 | | | SEE CK725 | | | | | | | | | | | | |
| | 121-12 | | | SEE CK725 | | | | | | | | | | | | |
| | 121-14 | | | SEE 2N112 | | | | | | | | | | | | |
| | 121-21 | | | SEE 2N193 | | | | | | | | | | | | |
| | 121-22 | | | SEE 2N194 | | | | | | | | | | | | |
| | 121-24 | | | SEE 2N168A | | | | | | | | | | | | |
| | 121-25 | | | SEE 2N168A | | | | | | | | | | | | |
| | 121-26 | | | SEE 2N168 | | | | | | | | | | | | |
| | 121-27 | | | SEE 2N190 | | | | | | | | | | | | |
| | 121-33 | | | SEE 2N169A | | | | | | | | | | | | |
| | 121-34 | | | SEE 2N186A | | | | | | | | | | | | |
| | 121-44 | | | SEE 2N370 | | | | | | | | | | | | |
| | 121-45 | | | SEE 2N139 | | | | | | | | | | | | |
| | 121-46 | | | SEE 2N109 | | | | | | | | | | | | |
| | 121-47 | | | SEE 2N270 | | | | | | | | | | | | |
| | 121-48 | | | SEE 2N371 | | | | | | | | | | | | |
| | 121-49 | | | SEE 2N372 | | | | | | | | | | | | |
| | 121-50 | | | SEE 2N253 | | | | | | | | | | | | |
| | 121-51 | | | SEE 2N254 | | | | | | | | | | | | |
| | 121-54 | | | SEE 2N252 | | | | | | | | | | | | |
| | 121-60 | | | SEE 2N213 | | | | | | | | | | | | |
| | 121-61 | | | SEE 2N407 | | | | | | | | | | | | |
| | 121-62 | | | SEE 2N411 | | | | | | | | | | | | |
| | 121-63 | | | SEE 2N247 | | | | | | | | | | | | |
| | 121-64 | | | SEE 2N407 | | | | | | | | | | | | |
| | 121-65 | | | SEE 2N409 | | | | | | | | | | | | |
| | 121-66 | | | SEE 2N409 | | | | | | | | | | | | |
| | 121-67 | | | SEE 2N308 | | | | | | | | | | | | |
| | 121-70 | | | SEE 2N515 | | | | | | | | | | | | |
| | 121-71 | | | SEE 2N516 | | | | | | | | | | | | |
| | 121-73 | | | SEE 2N409 | | | | | | | | | | | | |
| | 121-74 | | | SEE 2N409 | | | | | | | | | | | | |
| | 121-75 | | | SEE 2N139 | | | | | | | | | | | | |
| | 121-76 | | | SEE 2N139 | | | | | | | | | | | | |
| | 121-78 | | | SEE 2N544 | | | | | | | | | | | | |
| | 121-91 | | | SEE 2N483 | | | | | | | | | | | | |
| | 121-92 | | | SEE 2N485 | | | | | | | | | | | | |
| | 121-93 | | | SEE 2N483 | | | | | | | | | | | | |
| | 121-94 | | | SEE 2N482 | | | | | | | | | | | | |
| | 121-95 | | | SEE 2N362 | | | | | | | | | | | | |
| | 121-96 | | | SEE 2N632 | | | | | | | | | | | | |
| | 121-101 | | | SEE 2N544 | | | | | | | | | | | | |
| | 121-102 | | | SEE 2N409 | | | | | | | | | | | | |
| | 121-103 | | | SEE 2N411 | | | | | | | | | | | | |
| | 121-104 | | | SEE 2N409 | | | | | | | | | | | | |
| | 121-105 | | | SEE 2N409 | | | | | | | | | | | | |
| | 121-107 | | | SEE 2N407 | | | | | | | | | | | | |
| | 121-113 | | | SEE 2N309 | | | | | | | | | | | | |
| | 121-128 | | | SEE 2N1108 | | | | | | | | | | | | |
| | 121-134 | | | SEE 2N1177 | | | | | | | | | | | | |
| | 121-135 | | | SEE 2N1178 | | | | | | | | | | | | |
| | 121-136 | | | SEE 2N1179 | | | | | | | | | | | | |
| | 121-138 | | | SEE 2N1180 | | | | | | | | | | | | |
| | 121-139 | | | SEE 2N1180 | | | | | | | | | | | | |
| | 121-145 | | | SEE 2N1108 | | | | | | | | | | | | |
| | 121-146 | | | SEE 2N1110 | | | | | | | | | | | | |
| | 121-147 | | | SEE 2N1111 | | | | | | | | | | | | |
| | 121-148 | | | SEE 2N407 | | | | | | | | | | | | |
| | 121-150 | | | SEE 2N1631 | | | | | | | | | | | | |
| | 121-153 | | | SEE 2N1108 | | | | | | | | | | | | |
| | 121-154 | | | SEE 2N1110 | | | | | | | | | | | | |
| | 121-161 | | | SEE 2N410 | | | | | | | | | | | | |
| | 121-162 | | | SEE 2N410 | | | | | | | | | | | | |
| | 121-164 | | | SEE 2N408 | | | | | | | | | | | | |
| | 121-179 | | | SEE 2N1527 | | | | | | | | | | | | |
| | 121-180 | | | SEE 2N1525 | | | | | | | | | | | | |
| | 121-181 | | | SEE 2N1525 | | | | | | | | | | | | |
| | 121-184 | | | SEE 2N1374 | | | | | | | | | | | | |
| | 121-185 | | | SEE 2N1525 | | | | | | | | | | | | |
| | 121-205 | | | SEE 2N1374 | | | | | | | | | | | | |
| | 121-225 | | | SEE 2N407 | | | | | | | | | | | | |
| | 121-228 | | | SEE 2N1742 | | | | | | | | | | | | |
| | 121-229 | | | SEE 2N1745 | | | | | | | | | | | | |
| | 121-230 | | | SEE 2N1745 | | | | | | | | | | | | |
| | 121-231 | | | SEE 2N1865 | | | | | | | | | | | | |
| | 121-232 | | | SEE 2N1865 | | | | | | | | | | | | |
| | 121-233 | | | SEE 2N1747 | | | | | | | | | | | | |
| | 121-240 | | | SEE 2N2614 | | | | | | | | | | | | |
| | 121-241 | | | SEE 2N218 | | | | | | | | | | | | |
| | 121-242 | | | SEE 2N993 | | | | | | | | | | | | |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | Frequency Response (MHz) | Condition | Cutoff $I_{CBO}$ @ $V_{CB}$ | | Gain $h_{FE}$ @ $I_C$(A) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 121-243 | | | SEE 2N993 | | | | | | | | | | | | | | |
| | 121-244 | | | SEE 2N993 | | | | | | | | | | | | | | |
| | 121-256 | | | SEE 2N1632 | | | | | | | | | | | | | | |
| | 121-257 | | | SEE 2N1526 | | | | | | | | | | | | | | |
| | 121-258 | | | SEE 2N1524 | | | | | | | | | | | | | | |
| | 121-259 | | | SEE 2N1524 | | | | | | | | | | | | | | |
| | 121-260 | | | SEE 2N1524 | | | | | | | | | | | | | | |
| | 121-266 | | | SEE 2N406 | | | | | | | | | | | | | | |
| | 121-267 | | | SEE 2N408 | | | | | | | | | | | | | | |
| | 121-268 | | | SEE 2N1742 | | | | | | | | | | | | | | |
| | 121-269 | | | SEE 2N1745 | | | | | | | | | | | | | | |
| | 121-294 | | | SEE 2N2654 | | | | | | | | | | | | | | |
| | 121-295 | | | SEE 2N2654 | | | | | | | | | | | | | | |
| | 121-296 | | | SEE 2N2654 | | | | | | | | | | | | | | |
| | 121-297 | | | SEE 2N2671 | | | | | | | | | | | | | | |
| | 121-298 | | | SEE 2N2671 | | | | | | | | | | | | | | |
| | 121-299 | | | SEE 2N2671 | | | | | | | | | | | | | | |
| | 121-300 | | | SEE 2N2429 | | | | | | | | | | | | | | |
| | 121-301 | | | SEE 2N2428 | | | | | | | | | | | | | | |
| | 121-302 | | | SEE 2N1302 | | | | | | | | | | | | | | |
| | 121-309 | | | SEE 2N2429 | | | | | | | | | | | | | | |
| | 121-310 | | | SEE 2N2428 | | | | | | | | | | | | | | |
| | 121-311 | | | SEE 2N2706 | | | | | | | | | | | | | | |
| | 151-04 | NS 412 | 82 | WHE | 65 | 40 | 25.0 | 6.000 | 100.000 | C | 150J | | .500 | G | 10MA | 40 | 16 | 1.500 |
| | 151-06 | NS 412 | 82 | WHE | 85 | 60 | 25.0 | 6.000 | 100.000 | C | 150J | | .500 | G | 10MA | 60 | 16 | 1.500 |
| | 151-08 | NS 412 | 82 | WHE | 105 | 80 | 25.0 | 6.000 | 100.000 | C | 150J | | .500 | G | 10MA | 80 | 16 | 1.500 |
| | 151-10 | NS 412 | 82 | WHE | 125 | 100 | 25.0 | 6.000 | 100.000 | C | 150J | | .500 | G | 10MA | 100 | 16 | 1.500 |
| | 151-12 | NS 412 | 82 | WHE | 145 | 120 | 25.0 | 6.000 | 100.000 | H | 150J | | .500 | G | 10MA | 120 | 16 | 1.500 |
| | 151-14 | NS 412 | 82 | WHE | 165 | 140 | 25.0 | 6.000 | 100.000 | H | 150J | | .500 | G | 10MA | 140 | 16 | 1.500 |
| | 151-16 | NS 412 | 82 | WHE | 185 | 160 | 25.0 | 6.000 | 100.000 | H | 150J | | .500 | G | 10MA | 160 | 16 | 1.500 |
| | 151-18 | NS 412 | 82 | WHE | 205 | 180 | 25.0 | 6.000 | 100.000 | H | 150J | | .500 | G | 10MA | 180 | 16 | 1.500 |
| | 151-20 | NS 412 | 82 | WHE | 225 | 200 | 25.0 | 6.000 | 100.000 | H | 150J | | .500 | G | 10MA | 200 | 16 | 1.500 |
| | 151-22 | NS 412 | 82 | WHE | 245 | 220 | 25.0 | 6.000 | 100.000 | H | 150J | | .500 | G | 10MA | 220 | 16 | 1.500 |
| | 151-24 | NS 412 | 82 | WHE | 265 | 240 | 25.0 | 6.000 | 100.000 | H | 150J | | .500 | G | 10MA | 240 | 16 | 1.500 |
| | 151-26 | NS 412 | 82 | WHE | 285 | 260 | 25.0 | 6.000 | 100.000 | H | 150J | | .500 | G | 10MA | 260 | 16 | 1.500 |
| | 151-28 | NS 412 | 82 | WHE | 305 | 280 | 25.0 | 6.000 | 100.000 | H | 150J | | .500 | G | 10MA | 280 | 16 | 1.500 |
| | 151-30 | NS 412 | 82 | WHE | 325 | 300 | 25.0 | 6.000 | 100.000 | H | 150J | | .500 | G | 10MA | 300 | 16 | 1.500 |
| | 152-04 | NS 412 | 82 | WHE | 65 | 40 | 25.0 | 6.000 | 100.000 | C | 150J | | .500 | G | 10MA | 40 | 27 | 1.500 |
| | 152-06 | NS 412 | 82 | WHE | 85 | 60 | 25.0 | 6.000 | 100.000 | C | 150J | | .500 | G | 10MA | 60 | 27 | 1.500 |
| | 152-08 | NS 412 | 82 | WHE | 105 | 80 | 25.0 | 6.000 | 100.000 | C | 150J | | .500 | G | 10MA | 80 | 27 | 1.500 |
| | 152-10 | NS 412 | 82 | WHE | 125 | 100 | 25.0 | 6.000 | 100.000 | C | 150J | | .500 | G | 10MA | 100 | 27 | 1.500 |
| | 152-12 | NS 412 | 82 | WHE | 145 | 120 | 25.0 | 6.000 | 100.000 | H | 150J | | .500 | G | 10MA | 120 | 27 | 1.500 |
| | 152-14 | NS 412 | 82 | WHE | 165 | 140 | 25.0 | 6.000 | 100.000 | H | 150J | | .500 | G | 10MA | 140 | 27 | 1.500 |
| | 152-16 | NS 412 | 82 | WHE | 185 | 160 | 25.0 | 6.000 | 100.000 | H | 150J | | .500 | G | 10MA | 160 | 27 | 1.500 |
| | 152-18 | NS 412 | 82 | WHE | 205 | 180 | 25.0 | 6.000 | 100.000 | H | 150J | | .500 | G | 10MA | 180 | 27 | 1.500 |
| | 152-20 | NS 412 | 82 | WHE | 225 | 200 | 25.0 | 6.000 | 100.000 | H | 150J | | .500 | G | 10MA | 200 | 27 | 1.500 |
| | 152-22 | NS 412 | 82 | WHE | 245 | 220 | 25.0 | 6.000 | 100.000 | H | 150J | | .500 | G | 10MA | 220 | 27 | 1.500 |
| | 152-24 | NS 412 | 82 | WHE | 265 | 240 | 25.0 | 6.000 | 100.000 | H | 150J | | .500 | G | 10MA | 240 | 27 | 1.500 |
| | 152-26 | NS 412 | 82 | WHE | 285 | 260 | 25.0 | 6.000 | 100.000 | H | 150J | | .500 | G | 10MA | 260 | 27 | 1.500 |
| | 152-28 | NS 412 | 82 | WHE | 305 | 280 | 25.0 | 6.000 | 100.000 | H | 150J | | .500 | G | 10MA | 280 | 27 | 1.500 |
| | 152-30 | NS 412 | 82 | WHE | 325 | 300 | 25.0 | 6.000 | 100.000 | H | 150J | | .500 | G | 10MA | 300 | 27 | 1.500 |
| | 153-04 | NS 560 A | | WHE | 65 | 40 | 15.0 | 7.500 | 200.000 | C | 175J | | .500 | G | 10MA | 40 | 23 | 1.500 |
| | 153-06 | NS 560 A | | WHE | 85 | 60 | 15.0 | 7.500 | 200.000 | C | 175J | | .500 | G | 10MA | 60 | 23 | 1.500 |
| | 153-08 | NS 560 A | | WHE | 105 | 80 | 15.0 | 7.500 | 200.000 | C | 175J | | .500 | G | 10MA | 80 | 23 | 1.500 |
| | 153-10 | NS 560 A | | WHE | 125 | 100 | 15.0 | 7.500 | 200.000 | C | 175J | | .500 | G | 10MA | 100 | 23 | 1.500 |
| | 153-12 | NS 560 A | | WHE | 145 | 120 | 15.0 | 7.500 | 200.000 | C | 175J | | .500 | G | 10MA | 120 | 23 | 1.500 |
| | 153-14 | NS 560 A | | WHE | 165 | 140 | 15.0 | 7.500 | 200.000 | C | 175J | | .500 | G | 10MA | 140 | 23 | 1.500 |
| | 153-16 | NS 560 A | | WHE | 185 | 160 | 15.0 | 7.500 | 200.000 | C | 175J | | .500 | G | 10MA | 160 | 23 | 1.500 |
| | 153-18 | NS 560 A | | WHE | 205 | 180 | 15.0 | 7.500 | 200.000 | C | 175J | | .500 | G | 10MA | 180 | 23 | 1.500 |
| | 153-20 | NS 560 A | | WHE | 225 | 200 | 15.0 | 7.500 | 200.000 | C | 175J | | .500 | G | 10MA | 200 | 23 | 1.500 |
| | 153-22 | NS 560 A | | WHE | 245 | 220 | 15.0 | 7.500 | 200.000 | C | 175J | | .500 | G | 10MA | 220 | 23 | 1.500 |
| | 153-24 | NS 560 A | | WHE | 265 | 240 | 15.0 | 7.500 | 200.000 | C | 175J | | .500 | G | 10MA | 240 | 23 | 1.500 |
| | 153-26 | NS 560 A | | WHE | 285 | 260 | 15.0 | 7.500 | 200.000 | C | 175J | | .500 | G | 10MA | 260 | 23 | 1.500 |
| | 153-28 | NS 560 A | | WHE | 305 | 280 | 15.0 | 7.500 | 200.000 | C | 175J | | .500 | G | 10MA | 280 | 23 | 1.500 |
| | 153-30 | NS 560 A | | WHE | 325 | 300 | 25.0 | 7.500 | 200.000 | C | 175J | | .500 | G | 10MA | 300 | 23 | 1.500 |
| | 154-04 | NS 560 A | | WHE | 65 | 40 | 15.0 | 7.500 | 200.000 | C | 175J | | .500 | G | 10MA | 40 | 38 | 1.500 |
| | 154-06 | NS 560 A | | WHE | 85 | 60 | 15.0 | 7.500 | 200.000 | C | 175J | | .500 | G | 10MA | 60 | 38 | 1.500 |
| | 154-08 | NS 560 A | | WHE | 105 | 80 | 15.0 | 7.500 | 200.000 | C | 175J | | .500 | G | 10MA | 80 | 38 | 1.500 |
| | 154-10 | NS 560 A | | WHE | 125 | 100 | 15.0 | 7.500 | 200.000 | C | 175J | | .500 | G | 10MA | 100 | 38 | 1.500 |
| | 154-12 | NS 560 A | | WHE | 145 | 120 | 15.0 | 7.500 | 200.000 | C | 175J | | .500 | G | 10MA | 120 | 38 | 1.500 |
| | 154-14 | NS 560 A | | WHE | 165 | 140 | 15.0 | 7.500 | 200.000 | C | 175J | | .500 | G | 10MA | 140 | 38 | 1.500 |
| | 154-16 | NS 560 A | | WHE | 185 | 160 | 15.0 | 7.500 | 200.000 | C | 175J | | .500 | G | 10MA | 160 | 38 | 1.500 |
| | 154-18 | NS 560 A | | WHE | 205 | 180 | 15.0 | 7.500 | 200.000 | C | 175J | | .500 | G | 10MA | 180 | 38 | 1.500 |
| | 154-20 | NS 560 A | | WHE | 225 | 200 | 15.0 | 7.500 | 200.000 | C | 175J | | .500 | G | 10MA | 200 | 38 | 1.500 |
| | 154-22 | NS 560 A | | WHE | | 220 | 15.0 | 7.500 | 200.000 | C | 175J | | .500 | G | 10MA | 220 | 38 | 1.500 |
| | 154-24 | NS 560 A | | WHE | | 240 | 15.0 | 7.500 | 200.000 | C | 175J | | .500 | G | 10MA | 240 | 38 | 1.500 |
| | 154-26 | NS 560 A | | WHE | | 260 | 15.0 | 7.500 | 200.000 | C | 175J | | .500 | G | 10MA | 260 | 38 | 1.500 |
| | 154-28 | NS 560 A | | WHE | | 280 | 15.0 | 7.500 | 200.000 | C | 175J | | .500 | G | 10MA | 280 | 38 | 1.500 |
| | 154-30 | NS 560 A | | WHE | 325 | 300 | 25.0 | 7.500 | 200.000 | C | 175J | | .500 | G | 10MA | 300 | 37 | 1.500 |
| | 156-043 | NS 605 | 3 | WHE | | | 40 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | | 27 | 3.000 |
| | 156-044 | NS 605 | 3 | WHE | | | 40 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | | 30 | 4.000 |
| | 156-083 | NS 605 | 3 | WHE | | | 80 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | | 27 | 3.000 |
| | 156-084 | NS 605 | 3 | WHE | | | 80 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | | 30 | 4.000 |
| | 156-104 | NS 605 | 3 | WHE | | | 100 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | | 30 | 4.000 |
| | 156-123 | NS 605 | 3 | WHE | | | 120 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | | 27 | 3.000 |
| | 156-124 | NS 605 | 3 | WHE | | | 120 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | | 30 | 4.000 |
| | 156-144 | NS 605 | 3 | WHE | | | 140 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | | 30 | 4.000 |
| | 156-164 | NS 605 | 3 | WHE | | | 160 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | | 30 | 4.000 |
| | 163-04 | NS 561 F | | WHE | 55 | 40 | 15.0 | 20.000 | 200.000 | C | 175J | | .500 | G | 10MA | 40 | 23 | 5.000 |
| | 163-06 | NS 561 F | | WHE | 75 | 60 | 15.0 | 20.000 | 200.000 | C | 175J | | .500 | G | 10MA | 60 | 23 | 5.000 |
| | 163-08 | NS 561 F | | WHE | 95 | 80 | 15.0 | 20.000 | 200.000 | C | 175J | | .500 | G | 10MA | 80 | 23 | 5.000 |
| | 163-10 | NS 561 F | | WHE | 115 | 100 | 15.0 | 20.000 | 200.000 | C | 175J | | .500 | G | 10MA | 100 | 23 | 5.000 |
| | 163-12 | NS 561 F | | WHE | 135 | 120 | 15.0 | 20.000 | 200.000 | C | 175J | | .500 | G | 10MA | 120 | 23 | 5.000 |
| | 163-14 | NS 561 F | | WHE | 155 | 140 | 15.0 | 20.000 | 200.000 | C | 175J | | .500 | G | 10MA | 140 | 23 | 5.000 |
| | 163-16 | NS 561 F | | WHE | 175 | 160 | 15.0 | 20.000 | 200.000 | C | 175J | | .500 | G | 10MA | 160 | 23 | 5.000 |
| | 163-18 | NS 561 F | | WHE | 195 | 180 | 15.0 | 20.000 | 200.000 | C | 175J | | .500 | G | 10MA | 180 | 23 | 5.000 |
| | 163-20 | NS 561 F | | WHE | 215 | 200 | 15.0 | 20.000 | 200.000 | C | 175J | | .500 | G | 10MA | 200 | 23 | 5.000 |
| | 163-22 | NS 561 F | | WHE | 235 | 220 | 15.0 | 20.000 | 200.000 | H | 175J | | .500 | G | 30MA | 220 | 23 | 5.000 |
| | 163-24 | NS 561 F | | WHE | 255 | 240 | 15.0 | 20.000 | 200.000 | H | 175J | | .500 | G | 30MA | 240 | 23 | 5.000 |
| | 163-26 | NS 561 F | | WHE | 275 | 260 | 15.0 | 20.000 | 200.000 | H | 175J | | .500 | G | 30MA | 260 | 23 | 5.000 |
| | 163-28 | NS 561 F | | WHE | 295 | 280 | 15.0 | 20.000 | 200.000 | H | 175J | | .500 | G | 30MA | 280 | 23 | 5.000 |
| | 163-30 | NS 561 F | | WHE | 315 | 300 | 15.0 | 20.000 | 200.000 | H | 175J | | .500 | G | 30MA | 300 | 23 | 5.000 |
| | 164-04 | NS 561 F | | WHE | 55 | 40 | 15.0 | 20.000 | 200.000 | C | 175J | | .500 | G | 30MA | 40 | 38 | 5.000 |
| | 164-06 | NS 561 F | | WHE | 75 | 60 | 15.0 | 20.000 | 200.000 | C | 175J | | .500 | G | 30MA | 60 | 38 | 5.000 |
| | 164-08 | NS 561 F | | WHE | 95 | 80 | 15.0 | 20.000 | 200.000 | C | 175J | | .500 | G | 30MA | 80 | 38 | 5.000 |
| | 164-10 | NS 561 F | | WHE | 115 | 100 | 15.0 | 20.000 | 200.000 | C | 175J | | .500 | G | 30MA | 100 | 38 | 5.000 |
| | 164-12 | NS 561 F | | WHE | 135 | 120 | 15.0 | 20.000 | 200.000 | C | 175J | | .500 | G | 30MA | 120 | 38 | 5.000 |
| | 164-14 | NS 561 F | | WHE | 155 | 140 | 15.0 | 20.000 | 200.000 | C | 175J | | .500 | G | 30MA | 140 | 38 | 5.000 |
| | 164-16 | NS 561 F | | WHE | 175 | 160 | 15.0 | 20.000 | 200.000 | C | 175J | | .500 | G | 30MA | 160 | 38 | 5.000 |
| | 164-18 | NS 561 F | | WHE | 195 | 180 | 15.0 | 20.000 | 200.000 | C | 175J | | .500 | G | 30MA | 180 | 38 | 5.000 |
| | 164-20 | NS 561 F | | WHE | 215 | 200 | 15.0 | 20.000 | 200.000 | C | 175J | | .500 | G | 30MA | 200 | 38 | 5.000 |
| | 164-22 | NS 561 F | | WHE | 235 | 220 | 15.0 | 20.000 | 200.000 | H | 175J | | .500 | G | 30MA | 220 | 37 | 5.000 |
| | 164-24 | NS 561 F | | WHE | 255 | 240 | 15.0 | 20.000 | 200.000 | H | 175J | | .500 | G | 30MA | 240 | 37 | 5.000 |
| | 164-26 | NS 561 F | | WHE | 275 | 260 | 15.0 | 20.000 | 200.000 | H | 175J | | .500 | G | 30MA | 260 | 37 | 5.000 |
| | 164-28 | NS 561 F | | WHE | 295 | 280 | 15.0 | 20.000 | 200.000 | H | 175J | | .500 | G | 30MA | 280 | 37 | 5.000 |
| | 164-30 | NS 561 F | | WHE | 315 | 300 | 15.0 | 20.000 | 200.000 | H | 175J | | .500 | G | 30MA | 300 | 37 | 5.000 |
| | 176-04 | NS 561 | 63 | WHE | 47 | 40 | 7.5 | 20.000 | 200.000 | H | 200J | | .030 | G | | | 30 | 20.000 |
| | 176-06 | NS 561 | 63 | WHE | 67 | 60 | 7.5 | 20.000 | 200.000 | H | 200J | | .030 | G | | | 30 | 20.000 |
| | 176-08 | NS 561 | 63 | WHE | 87 | 80 | 7.5 | 20.000 | 200.000 | H | 200J | | .030 | G | | | 30 | 20.000 |
| | 176-10 | NS 561 | 63 | WHE | 107 | 100 | 7.5 | 20.000 | 200.000 | H | 200J | | .030 | G | | | 30 | 20.000 |
| | 176-12 | NS 561 | 63 | WHE | 127 | 120 | 7.5 | 20.000 | 200.000 | H | 200J | | .030 | G | | | 30 | 20.000 |
| | 176-14 | NS 561 | 63 | WHE | 147 | 140 | 7.5 | 20.000 | 200.000 | H | 200J | | .030 | G | | | 30 | 20.000 |
| | 176-16 | NS 561 | 63 | WHE | 167 | 160 | 7.5 | 20.000 | 200.000 | H | 200J | | .030 | G | | | 30 | 20.000 |
| | 180T2 | NS 605 | 3 | SES | 60 | 60 | 10.0 | 6.000 | 85.000 | C | 200J | | 10.000 | G | 10MA | 60 | 60 | 2.000 |
| | 181T2 | NS 605 | 3 | SES | 100 | 90 | 10.0 | 6.000 | 85.000 | C | 200J | | 10.000 | G | 1MA | 100 | 60 | 2.000 |
| | 182T2 | NS 605 | 3 | SES | 200 | 140 | 10.0 | 6.000 | 85.000 | C | 200J | | 10.000 | G | 1MA | 180 | 60 | 2.000 |
| | 183T2 | NS 605 | 3 | SES | 300 | 180 | 10.0 | 6.000 | 85.000 | C | 200J | | 10.000 | G | 1MA | 250 | 60 | 2.000 |
| | 184T2 | NS 605 | 3 | SES | 400 | 200 | 10.0 | 6.000 | 85.000 | C | 200J | | 10.000 | G | 1MA | 300 | 60 | 2.000 |
| | 185T2 | NS 605 | 3 | SES | 500 | 250 | 10.0 | 6.000 | 85.000 | C | 200J | | 10.000 | G | 1MA | 400 | 60 | 2.000 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff $I_{CBO}$ @ $V_{CB}$ | Gain $h_{FE}$ @ $I_C$(A) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | | | |
| | 903 | | | SEE 2N1149 | | | | | | | | | | | |
| | 904 | | | SEE 2N1150 | | | | | | | | | | | |
| | 904A | | | SEE 2N1151 | | | | | | | | | | | |
| | 905 | | | SEE 2N1152 | | | | | | | | | | | |
| | 910 | | | SEE 2N1153 | | | | | | | | | | | |
| | 951 | | | SEE 2N1154 | | | | | | | | | | | |
| | 952 | | | SEE 2N1155 | | | | | | | | | | | |
| | 953 | | | SEE 2N1156 | | | | | | | | | | | |
| | 1401-14 | NS 508 | 93 | WHE | 150 | 140 | 10.0 | 250.000 | 625.000 | H | 200J | 1.000 | G | | 15 99.000 |
| | 1401-0405 | NS 508 | 96 | WHE | 50 | 40 | 7.0 | 250.000 | 625.000 | H | 200J | .500 | G | | 15 50.000 |
| | 1401-0407 | NS 508 | 96 | WHE | 50 | 40 | 7.0 | 250.000 | 625.000 | H | 200J | .500 | G | | 15 70.000 |
| | 1401-0410 | NS 508 | 96 | WHE | 50 | 40 | 7.0 | 250.000 | 625.000 | H | 200J | .500 | G | | 15 99.000 |
| | 1401-0415 | NS 508 | 93 | WHE | | 40 | 10.0 | 250.000 | 625.000 | H | | .500 | G | | 15 99.000 |
| | 1401-0420 | NS 508 | 93 | WHE | 50 | 40 | 10.0 | 250.000 | 625.000 | H | 200J | .500 | G | | 15 99.000 |
| | 1401-0425 | NS 508 | 93 | WHE | | 40 | 10.0 | 250.000 | 625.000 | H | | .500 | G | | 15 99.000 |
| | 1401-0605 | NS 508 | 96 | WHE | 70 | 60 | 7.0 | 250.000 | 625.000 | H | 200J | .500 | G | | 15 50.000 |
| | 1401-0607 | NS 508 | 96 | WHE | 70 | 60 | 7.0 | 250.000 | 625.000 | H | 200J | .500 | G | | 15 70.000 |
| | 1401-0610 | NS 508 | 96 | WHE | 70 | 60 | 7.0 | 250.000 | 625.000 | H | 200J | .500 | G | | 15 99.000 |
| | 1401-0615 | NS 508 | 93 | WHE | | 60 | 10.0 | 250.000 | 625.000 | H | | .500 | G | | 15 99.000 |
| | 1401-0620 | NS 508 | 93 | WHE | 70 | 60 | 10.0 | 250.000 | 625.000 | H | 200J | .500 | G | | 15 99.000 |
| | 1401-0625 | NS 508 | 93 | WHE | | 60 | 10.0 | 250.000 | 625.000 | H | | .500 | G | | 15 99.000 |
| | 1401-0805 | NS 508 | 96 | WHE | 90 | 80 | 7.0 | 250.000 | 625.000 | H | 200J | .500 | G | | 15 50.000 |
| | 1401-0807 | NS 508 | 96 | WHE | 90 | 80 | 7.0 | 250.000 | 625.000 | H | 200J | .500 | G | | 15 70.000 |
| | 1401-0810 | NS 508 | 96 | WHE | 90 | 80 | 7.0 | 250.000 | 625.000 | H | 200J | .500 | G | | 15 99.000 |
| | 1401-0815 | NS 508 | 93 | WHE | | 80 | 10.0 | 250.000 | 625.000 | H | | .500 | G | | 15 99.000 |
| | 1401-0820 | NS 508 | 93 | WHE | 90 | 80 | 10.0 | 250.000 | 625.000 | H | 200J | .500 | G | | 15 99.000 |
| | 1401-0825 | NS 508 | 93 | WHE | | 80 | 10.0 | 250.000 | 625.000 | H | | .500 | G | | 15 99.000 |
| | 1401-1005 | NS 508 | 96 | WHE | 110 | 100 | 7.0 | 250.000 | 625.000 | H | 200J | .500 | G | | 15 50.000 |
| | 1401-1007 | NS 508 | 96 | WHE | 110 | 100 | 7.0 | 250.000 | 625.000 | H | 200J | .500 | G | | 15 70.000 |
| | 1401-1010 | NS 508 | 96 | WHE | 110 | 100 | 7.0 | 250.000 | 625.000 | H | 200J | .500 | G | | 15 99.000 |
| | 1401-1015 | NS 508 | 93 | WHE | | 100 | 10.0 | 250.000 | 625.000 | H | | .500 | G | | 15 99.000 |
| | 1401-1020 | NS 508 | 93 | WHE | 110 | 100 | 10.0 | 250.000 | 625.000 | H | 200J | .500 | G | | 15 99.000 |
| | 1401-1025 | NS 508 | 93 | WHE | | 100 | 10.0 | 250.000 | 625.000 | H | | .500 | G | | 15 99.000 |
| | 1401-1205 | NS 508 | 96 | WHE | 130 | 120 | 7.0 | 250.000 | 625.000 | H | 200J | .500 | G | | 15 50.000 |
| | 1401-1207 | NS 508 | 96 | WHE | 130 | 120 | 7.0 | 250.000 | 625.000 | H | 200J | .500 | G | | 15 70.000 |
| | 1401-1210 | NS 508 | 96 | WHE | 130 | 120 | 7.0 | 250.000 | 625.000 | H | 200J | .500 | G | | 15 99.000 |
| | 1401-1215 | NS 508 | 93 | WHE | | 120 | 10.0 | 250.000 | 625.000 | H | | .500 | G | | 15 99.000 |
| | 1401-1220 | NS 508 | 93 | WHE | 130 | 120 | 10.0 | 250.000 | 625.000 | H | 200J | .500 | G | | 15 99.000 |
| | 1441-0405 | NS 563 | 114 | WHE | | 40 | 10.0 | 150.000 | 350.000 | H | | .500 | G | | 15 50.000 |
| | 1441-0407 | NS 563 | 114 | WHE | | 40 | 10.0 | 150.000 | 350.000 | H | | .500 | G | | 15 75.000 |
| | 1441-0410 | NS 563 | 114 | WHE | | 40 | 10.0 | 150.000 | 350.000 | H | | .500 | G | | 15 99.000 |
| | 1441-0605 | NS 563 | 114 | WHE | | 60 | 10.0 | 150.000 | 350.000 | H | | .500 | G | | 15 50.000 |
| | 1441-0607 | NS 563 | 114 | WHE | | 60 | 10.0 | 150.000 | 350.000 | H | | .500 | G | | 15 75.000 |
| | 1441-0610 | NS 563 | 114 | WHE | | 60 | 10.0 | 150.000 | 350.000 | H | | .500 | G | | 15 99.000 |
| | 1441-0805 | NS 563 | 114 | WHE | | 80 | 10.0 | 150.000 | 350.000 | H | | .500 | G | | 15 50.000 |
| | 1441-0807 | NS 563 | 114 | WHE | | 80 | 10.0 | 150.000 | 350.000 | H | | .500 | G | | 15 75.000 |
| | 1441-0810 | NS 563 | 114 | WHE | | 80 | 10.0 | 150.000 | 350.000 | H | | .500 | G | | 15 99.000 |
| | 1441-1005 | NS 563 | 114 | WHE | | 100 | 10.0 | 150.000 | 350.000 | H | | .500 | G | | 15 50.000 |
| | 1441-1007 | NS 563 | 114 | WHE | | 100 | 10.0 | 150.000 | 350.000 | H | | .500 | G | | 15 75.000 |
| | 1441-1010 | NS 563 | 114 | WHE | | 100 | 10.0 | 150.000 | 350.000 | H | | .500 | G | | 15 99.000 |
| | 1441-1205 | NS 563 | 114 | WHE | | 120 | 10.0 | 150.000 | 350.000 | H | | .500 | G | | 15 50.000 |
| | 1441-1207 | NS 563 | 114 | WHE | | 120 | 10.0 | 150.000 | 350.000 | H | | .500 | G | | 15 75.000 |
| | 1441-1210 | NS 563 | 114 | WHE | | 120 | 10.0 | 150.000 | 350.000 | H | | .500 | G | | 15 99.000 |
| | 1561-0403 | NS 605 | 3 | WHE | 50 | 40 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | 30 3.000 |
| | 1561-0404 | NS 605 | 3 | WHE | 50 | 40 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | 30 4.000 |
| | 1561-0408 | NS 605 | 3 | WHE | 50 | 40 | 7.0 | 20.000 | 150.000 | C | 200J | .200 | G | 5MA 40 | 30 8.000 |
| | 1561-0410 | NS 605 | 3 | WHE | 50 | 40 | 7.0 | 20.000 | 150.000 | C | 200J | .200 | G | 5MA 40 | 30 10.000 |
| | 1561-0608 | NS 605 | 3 | WHE | 70 | 60 | 7.0 | 20.000 | 150.000 | C | 200J | .200 | G | 5MA 60 | 30 8.000 |
| | 1561-0610 | NS 605 | 3 | WHE | 70 | 60 | 7.0 | 20.000 | 150.000 | C | 200J | .200 | G | 5MA 60 | 30 10.000 |
| | 1561-0615 | NS 605 | 3 | WHE | 70 | 60 | 7.0 | 30.000 | 150.000 | C | 200J | .200 | G | 5MA 60 | 30 15.000 |
| | 1561-0803 | NS 605 | 3 | WHE | 90 | 80 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | 30 3.000 |
| | 1561-0804 | NS 605 | 3 | WHE | 90 | 80 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | 30 4.000 |
| | 1561-0805 | NS 605 | 3 | WHE | 90 | 80 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | 30 5.000 |
| | 1561-0808 | NS 605 | 3 | WHE | 90 | 80 | 7.0 | 20.000 | 150.000 | C | 200J | .200 | G | 5MA 80 | 30 8.000 |
| | 1561-0810 | NS 605 | 3 | WHE | 90 | 80 | 7.0 | 20.000 | 150.000 | C | 200J | .200 | G | 5MA 80 | 30 10.000 |
| | 1561-0815 | NS 605 | 3 | WHE | 90 | 80 | 7.0 | 30.000 | 150.000 | C | 200J | .200 | G | 5MA 80 | 30 15.000 |
| | 1561-1005 | NS 605 | 3 | WHE | 110 | 100 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | 30 5.000 |
| | 1561-1008 | NS 605 | 3 | WHE | 110 | 100 | 7.0 | 20.000 | 150.000 | C | 200J | .200 | G | 5MA 180 | 30 8.000 |
| | 1561-1010 | NS 605 | 3 | WHE | 110 | 100 | 7.0 | 20.000 | 150.000 | C | 200J | .200 | G | 5MA 100 | 30 10.000 |
| | 1561-1015 | NS 605 | 3 | WHE | 110 | 100 | 7.0 | 30.000 | 150.000 | C | 200J | .200 | G | 5MA 100 | 30 15.000 |
| | 1561-1205 | NS 605 | 3 | WHE | 130 | 120 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | 30 5.000 |
| | 1561-1208 | NS 605 | 3 | WHE | 130 | 120 | 7.0 | 20.000 | 150.000 | C | 200J | .200 | G | 5MA 120 | 30 8.000 |
| | 1561-1210 | NS 605 | 3 | WHE | 130 | 120 | 7.0 | 20.000 | 150.000 | C | 200J | .200 | G | 5MA 120 | 30 10.000 |
| | 1561-1215 | NS 605 | 3 | WHE | 130 | 120 | 7.0 | 30.000 | 150.000 | C | 200J | .200 | G | 5MA 120 | 30 15.000 |
| | 1561-1404 | NS 605 | 3 | WHE | 150 | 140 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | 30 4.000 |
| | 1561-1405 | NS 605 | 3 | WHE | 150 | 140 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | 30 5.000 |
| | 1561-1410 | NS 605 | 3 | WHE | 150 | 140 | 7.0 | 20.000 | 150.000 | C | 200J | .200 | G | 5MA 140 | 30 10.000 |
| | 1561-1415 | NS 605 | 3 | WHE | 150 | 140 | 7.0 | 30.000 | 150.000 | C | 200J | .200 | G | 5MA 140 | 30 15.000 |
| | 1561-1604 | NS 605 | 3 | WHE | 170 | 160 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | 30 4.000 |
| | 1561-1605 | NS 605 | 3 | WHE | 170 | 160 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | 30 5.000 |
| | 1561-1608 | NS 605 | 3 | WHE | 170 | 160 | 7.0 | 20.000 | 150.000 | C | 200J | .200 | G | 5MA 160 | 30 8.000 |
| | 1561-1610 | NS 605 | 3 | WHE | 170 | 160 | 7.0 | 20.000 | 150.000 | C | 200J | .200 | G | 5MA 160 | 30 10.000 |
| | 1561-1615 | NS 605 | 3 | WHE | 170 | 160 | 7.0 | 30.000 | 150.000 | C | 200J | .200 | G | 5MA 160 | 30 15.000 |
| | 1561-1803 | NS 605 | 3 | WHE | 190 | 180 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | 30 3.000 |
| | 1561-1804 | NS 605 | 3 | WHE | 190 | 180 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | 30 4.000 |
| | 1561-1805 | NS 605 | 3 | WHE | 190 | 180 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | 30 5.000 |
| | 1561-1808 | NS 605 | 3 | WHE | 190 | 180 | 7.0 | 20.000 | 150.000 | C | 200J | .200 | G | 5MA 180 | 30 8.000 |
| | 1561-1810 | NS 605 | 3 | WHE | 190 | 180 | 7.0 | 20.000 | 150.000 | C | 200J | .200 | G | 5MA 180 | 30 10.000 |
| | 1561-1815 | NS 605 | 3 | WHE | 190 | 180 | 7.0 | 30.000 | 150.000 | C | 200J | .200 | G | 5MA 180 | 30 15.000 |
| | 1561-2003 | NS 605 | 3 | WHE | 210 | 200 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | 30 3.000 |
| | 1561-2004 | NS 605 | 3 | WHE | 210 | 200 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | 30 4.000 |
| | 1561-2008 | NS 605 | 3 | WHE | 210 | 200 | 7.0 | 20.000 | 150.000 | C | 200J | .200 | G | 5MA 200 | 30 8.000 |
| | 1561-2010 | NS 605 | 3 | WHE | 210 | 200 | 7.0 | 20.000 | 150.000 | C | 200J | .200 | G | 5MA 200 | 30 10.000 |
| | 1571-0401 | NS 605 | 66 | WHE | 50 | 40 | 7.0 | 4.000 | 29.000 | C | 200J | 1.000 | G | | 30 1.000 |
| | 1571-0402 | NS 605 | 66 | WHE | 50 | 40 | 7.0 | 4.000 | 29.000 | C | 200J | 1.000 | G | | 30 2.000 |
| | 1571-0420 | NS 605 | 66 | WHE | | 40 | 7.0 | 4.000 | 29.000 | H | 200J | 1.000 | G | | 30 3.000 |
| | 1571-0425 | NS 605 | 66 | WHE | | 40 | 7.0 | 4.000 | 29.000 | H | 200J | 1.000 | G | | 38 4.000 |
| | 1571-0601 | NS 605 | 66 | WHE | 70 | 60 | 7.0 | 4.000 | 29.000 | C | 200J | 1.000 | G | | 30 1.000 |
| | 1571-0602 | NS 605 | 66 | WHE | 70 | 60 | 7.0 | 4.000 | 29.000 | C | 200J | 1.000 | G | | 30 2.000 |
| | 1571-0620 | NS 605 | 66 | WHE | | 60 | 7.0 | 4.000 | 29.000 | H | 200J | 1.000 | G | | 30 3.000 |
| | 1571-0801 | NS 605 | 66 | WHE | 90 | 80 | 7.0 | 4.000 | 29.000 | C | 200J | 1.000 | G | | 30 1.000 |
| | 1571-0802 | NS 605 | 66 | WHE | 90 | 80 | 7.0 | 4.000 | 29.000 | C | 200J | 1.000 | G | | 30 2.000 |
| | 1571-0820 | NS 605 | 66 | WHE | | 80 | 7.0 | 4.000 | 29.000 | H | 200J | 1.000 | G | | 30 3.000 |
| | 1571-0825 | NS 605 | 66 | WHE | | 80 | 7.0 | 4.000 | 29.000 | H | 200J | 1.000 | G | | 38 4.000 |
| | 1571-1001 | NS 605 | 66 | WHE | 110 | 100 | 7.0 | 4.000 | 29.000 | C | 200J | 1.000 | G | | 30 1.000 |
| | 1571-1002 | NS 605 | 66 | WHE | 110 | 100 | 7.0 | 4.000 | 29.000 | C | 200J | 1.000 | G | | 30 2.000 |
| | 1571-1020 | NS 605 | 66 | WHE | | 100 | 7.0 | 4.000 | 29.000 | H | 200J | 1.000 | G | | 30 3.000 |
| | 1571-1025 | NS 605 | 66 | WHE | | 100 | 7.0 | 4.000 | 29.000 | H | 200J | 1.000 | G | | 38 4.000 |
| | 1571-1201 | NS 605 | 66 | WHE | 130 | 120 | 7.0 | 4.000 | 29.000 | C | 200J | 1.000 | G | | 30 1.000 |
| | 1571-1202 | NS 605 | 66 | WHE | 130 | 120 | 7.0 | 4.000 | 29.000 | C | 200J | 1.000 | G | | 30 2.000 |
| | 1571-1220 | NS 605 | 66 | WHE | | 120 | 7.0 | 4.000 | 29.000 | H | 200J | 1.000 | G | | 30 3.000 |
| | 1571-1225 | NS 605 | 66 | WHE | | 120 | 7.0 | 4.000 | 29.000 | H | 200J | 1.000 | G | | 38 4.000 |
| | 1571-1401 | NS 605 | 66 | WHE | 150 | 140 | 7.0 | 4.000 | 29.000 | C | 200J | 1.000 | G | | 30 1.000 |
| | 1571-1402 | NS 605 | 66 | WHE | 150 | 140 | 7.0 | 4.000 | 29.000 | C | 200J | 1.000 | G | | 30 2.000 |
| | 1571-1425 | NS 605 | 66 | WHE | | 140 | 7.0 | 4.000 | 29.000 | H | 200J | 1.000 | G | | 38 4.000 |
| | 1571-1601 | NS 605 | 66 | WHE | 170 | 160 | 7.0 | 4.000 | 29.000 | C | 200J | 1.000 | G | | 30 1.000 |
| | 1571-1602 | NS 605 | 66 | WHE | 170 | 160 | 7.0 | 4.000 | 29.000 | C | 200J | 1.000 | G | | 30 2.000 |
| | 1571-1620 | NS 605 | 66 | WHE | | 160 | 7.0 | 4.000 | 29.000 | H | 200J | 1.000 | G | | 30 3.000 |
| | 1571-1625 | NS 605 | 66 | WHE | | 160 | 7.0 | 4.000 | 29.000 | H | 200J | 1.000 | G | | 38 4.000 |
| | 1571-1801 | NS 605 | 66 | WHE | 190 | 180 | 7.0 | 4.000 | 29.000 | C | 200J | 1.000 | G | | 30 1.000 |
| | 1571-1802 | NS 605 | 66 | WHE | 190 | 180 | 7.0 | 4.000 | 29.000 | C | 200J | 1.000 | G | | 30 2.000 |
| | 1571-1820 | NS 605 | 66 | WHE | 190 | 180 | 7.0 | 4.000 | 29.000 | C | 200J | 1.000 | G | | 38 .500 |
| | 1571-1825 | NS 605 | 66 | WHE | 190 | 180 | 7.0 | 4.000 | 29.000 | C | 200J | 1.000 | G | | 38 .500 |
| | 1571-2001 | NS 605 | 66 | WHE | 210 | 200 | 7.0 | 4.000 | 29.000 | C | 200J | 1.000 | G | | 30 1.000 |
| | 1571-2020 | NS 605 | 66 | WHE | 210 | 200 | 7.0 | 4.000 | 29.000 | C | 200J | 1.000 | G | | 38 1.500 |
| | 1571-2025 | NS 605 | 66 | WHE | 210 | 200 | 7.0 | 4.000 | 29.000 | C | 200J | 1.000 | G | | 38 .500 |
| | 1582-0403 | NS 605 | 3 | WHE | 50 | 40 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | 30 3.000 |
| | 1582-0404 | NS 605 | 3 | WHE | 50 | 40 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | 30 4.000 |
| | 1582-0405 | NS 605 | 3 | WHE | 50 | 40 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | 30 5.000 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) Cond. | | | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ $I_C$(A) | |
| | 1582-0408 | NS 605 | 3 | WHE | 50 | 40 | 7.0 | 30.000 | 150.000 | C | 200J | 1.000 | G | | | 22 | 8.000 |
| | 1582-0410 | NS 605 | 3 | WHE | 50 | 40 | 7.0 | 30.000 | 150.000 | C | 200J | 1.000 | G | | | 22 | 10.000 |
| | 1582-0415 | NS 605 | 3 | WHE | 50 | 40 | 7.0 | 30.000 | 150.000 | C | 200J | 1.000 | G | | | 22 | 15.000 |
| - | 1582-0508 | NS 605 | 3 | WHE | | 40 | 7.0 | 30.000 | 150.000 | C | 200J | 1.000 | G | | | 23 | 8.000 |
| - | 1582-0510 | NS 605 | 3 | WHE | | 50 | 7.0 | 30.000 | 150.000 | C | 200J | 1.000 | G | | | 23 | 10.000 |
| | 1582-0603 | NS 605 | 3 | WHE | 70 | 60 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | | 30 | 3.000 |
| | 1582-0604 | NS 605 | 3 | WHE | 70 | 60 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | | 30 | 4.000 |
| | 1582-0605 | NS 605 | 3 | WHE | 70 | 60 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | | 30 | 5.000 |
| | 1582-0608 | NS 605 | 3 | WHE | | 60 | 7.0 | 30.000 | 150.000 | C | 200J | 1.000 | G | | | 23 | 8.000 |
| | 1582-0610 | NS 605 | 3 | WHE | 70 | 60 | 7.0 | 30.000 | 150.000 | C | 200J | 1.000 | G | | | 22 | 10.000 |
| | 1582-0615 | NS 605 | 3 | WHE | | 60 | 7.0 | 30.000 | 150.000 | C | 200J | 1.000 | G | | | 23 | 15.000 |
| | 1582-0803 | NS 605 | 3 | WHE | 90 | 80 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | | 30 | 3.000 |
| | 1582-0804 | NS 605 | 3 | WHE | 90 | 80 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | | 30 | 4.000 |
| | 1582-0805 | NS 605 | 3 | WHE | 90 | 80 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | | 30 | 5.000 |
| | 1582-0808 | NS 605 | 3 | WHE | | 80 | 7.0 | 30.000 | 150.000 | C | 200J | 1.000 | G | | | 23 | 8.000 |
| | 1582-0810 | NS 605 | 3 | WHE | 90 | 80 | 7.0 | 30.000 | 150.000 | C | 200J | 1.000 | G | | | 22 | 10.000 |
| | 1582-0815 | NS 605 | 3 | WHE | | 80 | 7.0 | 30.000 | 150.000 | C | 200J | 1.000 | G | | | 23 | 15.000 |
| | 1582-1003 | NS 605 | 3 | WHE | 110 | 100 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | | 30 | 3.000 |
| | 1582-1004 | NS 605 | 3 | WHE | 110 | 100 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | | 30 | 4.000 |
| | 1582-1005 | NS 605 | 3 | WHE | 110 | 100 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | | 30 | 5.000 |
| | 1582-1008 | NS 605 | 3 | WHE | | 100 | 7.0 | 30.000 | 150.000 | C | 200J | 1.000 | G | | | 23 | 8.000 |
| | 1582-1010 | NS 605 | 3 | WHE | | 100 | 7.0 | 30.000 | 150.000 | C | 200J | 1.000 | G | | | 23 | 10.000 |
| | 1582-1015 | NS 605 | 3 | WHE | | 100 | 7.0 | 30.000 | 150.000 | C | 200J | 1.000 | G | | | 23 | 15.000 |
| | 1582-1203 | NS 605 | 3 | WHE | 130 | 120 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | | 30 | 3.000 |
| | 1582-1204 | NS 605 | 3 | WHE | 130 | 120 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | | 30 | 4.000 |
| | 1582-1205 | NS 605 | 3 | WHE | 130 | 120 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | | 30 | 5.000 |
| | 1582-1208 | NS 605 | 3 | WHE | | 120 | 7.0 | 30.000 | 150.000 | C | 200J | 1.000 | G | | | 23 | 8.000 |
| | 1582-1210 | NS 605 | 3 | WHE | | 120 | 7.0 | 30.000 | 150.000 | C | 200J | 1.000 | G | | | 23 | 10.000 |
| | 1582-1215 | NS 605 | 3 | WHE | | 120 | 7.0 | 30.000 | 150.000 | C | 200J | 1.000 | G | | | 23 | 15.000 |
| | 1582-1403 | NS 605 | 3 | WHE | 150 | 140 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | | 30 | 3.000 |
| | 1582-1404 | NS 605 | 3 | WHE | 150 | 140 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | | 30 | 4.000 |
| | 1582-1405 | NS 605 | 3 | WHE | 150 | 140 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | | 30 | 5.000 |
| | 1582-1408 | NS 605 | 3 | WHE | 150 | 140 | 7.0 | 30.000 | 150.000 | C | 200J | 1.000 | G | | | 22 | 8.000 |
| | 1582-1410 | NS 605 | 3 | WHE | | 140 | 7.0 | 30.000 | 150.000 | C | 200J | 1.000 | G | | | 23 | 10.000 |
| | 1582-1415 | NS 605 | 3 | WHE | | 140 | 7.0 | 30.000 | 150.000 | C | 200J | 1.000 | G | | | 23 | 15.000 |
| | 1582-1603 | NS 605 | 3 | WHE | 170 | 160 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | | 30 | 3.000 |
| | 1582-1604 | NS 605 | 3 | WHE | 170 | 160 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | | 30 | 4.000 |
| | 1582-1605 | NS 605 | 3 | WHE | 170 | 160 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | | 30 | 5.000 |
| | 1582-1608 | NS 605 | 3 | WHE | | 160 | 7.0 | 30.000 | 150.000 | C | 200J | 1.000 | G | | | 23 | 8.000 |
| | 1582-1610 | NS 605 | 3 | WHE | | 160 | 7.0 | 30.000 | 150.000 | C | 200J | 1.000 | G | | | 23 | 10.000 |
| | 1582-1615 | NS 605 | 3 | WHE | | 160 | 7.0 | 30.000 | 150.000 | C | 200J | 1.000 | G | | | 23 | 15.000 |
| | 1582-1803 | NS 605 | 3 | WHE | 190 | 180 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | | 30 | 3.000 |
| | 1582-1804 | NS 605 | 3 | WHE | 190 | 180 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | | 30 | 4.000 |
| | 1582-1805 | NS 605 | 3 | WHE | 190 | 180 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | | 30 | 5.000 |
| | 1582-1808 | NS 605 | 3 | WHE | 190 | 180 | 7.0 | 30.000 | 150.000 | C | 200J | 1.000 | G | | | 22 | 8.000 |
| | 1582-1810 | NS 605 | 3 | WHE | 190 | 180 | 7.0 | 30.000 | 150.000 | C | 200J | 1.000 | G | | | 22 | 10.000 |
| | 1582-1815 | NS 605 | 3 | WHE | 190 | 180 | 7.0 | 30.000 | 150.000 | C | 200J | 1.000 | G | | | 22 | 15.000 |
| | 1582-2003 | NS 605 | 3 | WHE | 210 | 200 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | | 30 | 3.000 |
| | 1582-2004 | NS 605 | 3 | WHE | 210 | 200 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | | | 30 | 4.000 |
| | 1582-2008 | NS 605 | 3 | WHE | 210 | 200 | 7.0 | 30.000 | 150.000 | C | 200J | 1.000 | G | | | 22 | 8.000 |
| | 1582-2010 | NS 605 | 3 | WHE | 210 | 200 | 7.0 | 30.000 | 150.000 | C | 200J | 1.000 | G | | | 22 | 10.000 |
| | 1714-0402 | NS 605 | 66 | WHE | 50 | 40 | 7.0 | 10.000 | 25.000 | H | 200J | 40.000 | G | 3MA | 50 | 30 | 2.000 |
| | 1714-0405 | NS 605 | 66 | WHE | 50 | 40 | 7.0 | 10.000 | 25.000 | H | 200J | 40.000 | G | 3MA | 50 | 30 | 5.000 |
| | 1714-0602 | NS 605 | 66 | WHE | 70 | 60 | 7.0 | 10.000 | 25.000 | H | 200J | 40.000 | G | 3MA | 70 | 30 | 2.000 |
| | 1714-0605 | NS 605 | 66 | WHE | 70 | 60 | 7.0 | 10.000 | 25.000 | H | 200J | 40.000 | G | 3MA | 70 | 30 | 5.000 |
| | 1714-0802 | NS 605 | 66 | WHE | 90 | 80 | 7.0 | 10.000 | 25.000 | H | 200J | 40.000 | G | 3MA | 90 | 30 | 2.000 |
| | 1714-0805 | NS 605 | 66 | WHE | 90 | 80 | 7.0 | 10.000 | 25.000 | H | 200J | 40.000 | G | 3MA | 90 | 30 | 5.000 |
| | 1714-1002 | NS 605 | 66 | WHE | 110 | 100 | 7.0 | 10.000 | 25.000 | H | 200J | 40.000 | G | 3MA | 110 | 30 | 2.000 |
| | 1714-1005 | NS 605 | 66 | WHE | 110 | 100 | 7.0 | 10.000 | 25.000 | H | 200J | 40.000 | G | 3MA | 110 | 30 | 5.000 |
| | 1714-1202 | NS 605 | 66 | WHE | 130 | 120 | 7.0 | 10.000 | 25.000 | H | 200J | 40.000 | G | 3MA | 130 | 30 | 2.000 |
| | 1714-1205 | NS 605 | 66 | WHE | 130 | 120 | 7.0 | 10.000 | 25.000 | H | 200J | 40.000 | G | 3MA | 130 | 30 | 5.000 |
| | 1714-1402 | NS 605 | 66 | WHE | 150 | 140 | 7.0 | 10.000 | 25.000 | H | 200J | 40.000 | G | 3MA | 150 | 30 | 2.000 |
| | 1714-1405 | NS 605 | 66 | WHE | 150 | 140 | 7.0 | 10.000 | 25.000 | H | 200J | 40.000 | G | 3MA | 150 | 30 | 5.000 |
| | 1714-1602 | NS 605 | 66 | WHE | 170 | 160 | 7.0 | 10.000 | 25.000 | H | 200J | 40.000 | G | 3MA | 170 | 30 | 2.000 |
| | 1714-1605 | NS 605 | 66 | WHE | 170 | 160 | 7.0 | 10.000 | 25.000 | H | 200J | 40.000 | G | 3MA | 170 | 30 | 5.000 |
| | 1714-1802 | NS 605 | 66 | WHE | 190 | 180 | 7.0 | 10.000 | 25.000 | H | 200J | 40.000 | G | 3MA | 190 | 30 | 2.000 |
| | 1714-1805 | NS 605 | 66 | WHE | 190 | 180 | 7.0 | 10.000 | 25.000 | H | 200J | 40.000 | G | 3MA | 190 | 30 | 5.000 |
| | 1716-0602 | NS 560 | 61 | WHE | | 60 | 7.0 | 10.000 | 50.000 | H | 200J | 70.000 | G | | | 30 | 2.000 |
| | 1716-0605 | NS 560 | 61 | WHE | | 60 | 7.0 | 10.000 | 50.000 | H | 200J | 70.000 | G | | | 30 | 5.000 |
| | 1716-0802 | NS 560 | 61 | WHE | | 80 | 7.0 | 10.000 | 50.000 | H | 200J | 70.000 | G | | | 30 | 2.000 |
| | 1716-0805 | NS 560 | 61 | WHE | | 80 | 7.0 | 10.000 | 50.000 | H | 200J | 70.000 | G | | | 30 | 5.000 |
| | 1716-1002 | NS 560 | 61 | WHE | | 100 | 7.0 | 10.000 | 50.000 | H | 200J | 70.000 | G | | | 30 | 2.000 |
| | 1716-1005 | NS 560 | 61 | WHE | | 100 | 7.0 | 10.000 | 50.000 | H | 200J | 70.000 | G | | | 30 | 5.000 |
| | 1716-1202 | NS 560 | 61 | WHE | | 120 | 7.0 | 10.000 | 50.000 | H | 200J | 70.000 | G | | | 30 | 2.000 |
| | 1716-1205 | NS 560 | 61 | WHE | | 120 | 7.0 | 10.000 | 50.000 | H | 200J | 70.000 | G | | | 30 | 5.000 |
| | 1716-1402 | NS 560 | 61 | WHE | | 140 | 7.0 | 10.000 | 50.000 | H | 200J | 70.000 | G | | | 30 | 2.000 |
| | 1716-1405 | NS 560 | 61 | WHE | | 140 | 7.0 | 10.000 | 50.000 | H | 200J | 70.000 | G | | | 30 | 5.000 |
| | 1716-1602 | NS 560 | 61 | WHE | | 160 | 7.0 | 10.000 | 50.000 | H | 200J | 70.000 | G | | | 30 | 2.000 |
| | 1716-1605 | NS 560 | 61 | WHE | | 160 | 7.0 | 10.000 | 50.000 | H | 200J | 70.000 | G | | | 30 | 5.000 |
| | 1716-1802 | NS 560 | 61 | WHE | | 180 | 7.0 | 10.000 | 50.000 | H | 200J | 70.000 | G | | | 30 | 2.000 |
| | 1718-0602 | NS 568 | 111 | WHE | | 60 | 7.0 | 10.000 | 33.000 | H | 200J | 70.000 | G | | | 30 | 2.000 |
| | 1718-0605 | NS 568 | 111 | WHE | | 60 | 7.0 | 10.000 | 33.000 | H | 200J | 70.000 | G | | | 30 | 5.000 |
| | 1718-0802 | NS 568 | 111 | WHE | | 80 | 7.0 | 10.000 | 33.000 | H | 200J | 70.000 | G | | | 30 | 2.000 |
| | 1718-0805 | NS 568 | 111 | WHE | | 80 | 7.0 | 10.000 | 33.000 | H | 200J | 70.000 | G | | | 30 | 5.000 |
| | 1718-1002 | NS 568 | 111 | WHE | | 100 | 7.0 | 10.000 | 33.000 | H | 200J | 70.000 | G | | | 30 | 2.000 |
| | 1718-1005 | NS 568 | 111 | WHE | | 100 | 7.0 | 10.000 | 33.000 | H | 200J | 70.000 | G | | | 30 | 5.000 |
| | 1718-1202 | NS 568 | 111 | WHE | | 120 | 7.0 | 10.000 | 33.000 | H | 200J | 70.000 | G | | | 30 | 2.000 |
| | 1718-1205 | NS 568 | 111 | WHE | | 120 | 7.0 | 10.000 | 33.000 | H | 200J | 70.000 | G | | | 30 | 5.000 |
| | 1718-1402 | NS 568 | 111 | WHE | | 140 | 7.0 | 10.000 | 33.000 | H | 200J | 70.000 | G | | | 30 | 2.000 |
| | 1718-1405 | NS 568 | 111 | WHE | | 140 | 7.0 | 10.000 | 33.000 | H | 200J | 70.000 | G | | | 30 | 5.000 |
| | 1718-1602 | NS 568 | 111 | WHE | | 160 | 7.0 | 10.000 | 33.000 | H | 200J | 70.000 | G | | | 30 | 2.000 |
| | 1718-1605 | NS 568 | 111 | WHE | | 160 | 7.0 | 10.000 | 33.000 | H | 200J | 70.000 | G | | | 30 | 5.000 |
| | 1718-1802 | NS 568 | 111 | WHE | | 180 | 7.0 | 10.000 | 33.000 | H | 200J | 70.000 | G | | | 30 | 2.000 |
| | 1723-0405 | NS 605 | 3 | WHE | 50 | 40 | 7.0 | 20.000 | 85.000 | H | 200J | 30.000 | G | 5MA | 50 | 30 | 5.000 |
| | 1723-0410 | NS 605 | 3 | WHE | 50 | 40 | 7.0 | 20.000 | 85.000 | H | 200J | 30.000 | G | 5MA | 50 | 30 | 10.000 |
| | 1723-0605 | NS 605 | 3 | WHE | 70 | 60 | 7.0 | 20.000 | 85.000 | H | 200J | 30.000 | G | 5MA | 70 | 30 | 5.000 |
| | 1723-0610 | NS 605 | 3 | WHE | 70 | 60 | 7.0 | 20.000 | 85.000 | H | 200J | 30.000 | G | 5MA | 70 | 30 | 10.000 |
| | 1723-0805 | NS 605 | 3 | WHE | 90 | 80 | 7.0 | 20.000 | 85.000 | H | 200J | 30.000 | G | 5MA | 90 | 30 | 5.000 |
| | 1723-0810 | NS 605 | 3 | WHE | 90 | 80 | 7.0 | 20.000 | 85.000 | H | 200J | 30.000 | G | 5MA | 90 | 30 | 10.000 |
| | 1723-1005 | NS 605 | 3 | WHE | 110 | 100 | 7.0 | 20.000 | 85.000 | H | 200J | 30.000 | G | 5MA | 110 | 30 | 5.000 |
| | 1723-1010 | NS 605 | 3 | WHE | 110 | 100 | 7.0 | 20.000 | 85.000 | H | 200J | 30.000 | G | 5MA | 110 | 30 | 10.000 |
| | 1723-1205 | NS 605 | 3 | WHE | 130 | 120 | 7.0 | 20.000 | 85.000 | H | 200J | 30.000 | G | 5MA | 130 | 30 | 5.000 |
| | 1723-1210 | NS 605 | 3 | WHE | 130 | 120 | 7.0 | 20.000 | 85.000 | H | 200J | 30.000 | G | 5MA | 130 | 30 | 10.000 |
| | 1723-1405 | NS 605 | 3 | WHE | 150 | 140 | 7.0 | 20.000 | 85.000 | H | 200J | 30.000 | G | 5MA | 150 | 30 | 5.000 |
| | 1723-1410 | NS 605 | 3 | WHE | 150 | 140 | 7.0 | 20.000 | 85.000 | H | 200J | 30.000 | G | 5MA | 150 | 30 | 10.000 |
| | 1723-1605 | NS 605 | 3 | WHE | 170 | 160 | 7.0 | 20.000 | 85.000 | H | 200J | 30.000 | G | 5MA | 170 | 30 | 5.000 |
| | 1723-1610 | NS 605 | 3 | WHE | 170 | 160 | 7.0 | 20.000 | 85.000 | H | 200J | 30.000 | G | 5MA | 170 | 30 | 10.000 |
| | 1723-1805 | NS 605 | 3 | WHE | 190 | 180 | 7.0 | 20.000 | 85.000 | H | 200J | 30.000 | G | 5MA | 190 | 30 | 5.000 |
| | 1723-1810 | NS 605 | 3 | WHE | 190 | 180 | 7.0 | 20.000 | 85.000 | H | 200J | 30.000 | G | 5MA | 190 | 30 | 10.000 |
| - | 1723-2005 | NS 605 | 3 | WHE | | 200 | 7.0 | 20.000 | 150.000 | H | 200J | 50.000 | G | | | 30 | 5.000 |
| | 1743-0610 | NS 605 | 3 | WHE | 70 | 60 | 7.0 | 30.000 | 100.000 | H | 200J | 30.000 | G | 5MA | 45 | 45 | 10.000 |
| | 1743-0630 | NS 605 | 3 | WHE | 70 | 60 | 7.0 | 30.000 | 100.000 | H | 200J | 30.000 | G | 5MA | 45 | 45 | 30.000 |
| | 1743-0820 | NS 605 | 3 | WHE | 90 | 80 | 7.0 | 30.000 | 100.000 | H | 200J | 30.000 | G | 5MA | 60 | 45 | 20.000 |
| | 1743-1010 | NS 605 | 3 | WHE | 110 | 100 | 7.0 | 30.000 | 100.000 | H | 200J | 30.000 | G | 5MA | 75 | 45 | 10.000 |
| | 1743-1030 | NS 605 | 3 | WHE | 110 | 100 | 7.0 | 30.000 | 100.000 | H | 200J | 30.000 | G | 5MA | 75 | 45 | 30.000 |
| | 1743-1220 | NS 605 | 3 | WHE | 130 | 120 | 7.0 | 30.000 | 100.000 | H | 200J | 30.000 | G | 5MA | 90 | 45 | 20.000 |
| | 1743-1410 | NS 605 | 3 | WHE | 150 | 140 | 7.0 | 30.000 | 100.000 | H | 200J | 30.000 | G | 5MA | 105 | 45 | 10.000 |
| | 1743-1430 | NS 605 | 3 | WHE | 150 | 140 | 7.0 | 30.000 | 100.000 | H | 200J | 30.000 | G | 5MA | 105 | 45 | 30.000 |
| | 1743-1620 | NS 605 | 3 | WHE | 170 | 160 | 7.0 | 30.000 | 100.000 | H | 200J | 30.000 | G | 5MA | 120 | 45 | 20.000 |
| | 1743-1810 | NS 605 | 3 | WHE | 190 | 180 | 7.0 | 30.000 | 100.000 | H | 200J | 30.000 | G | 5MA | 135 | 45 | 10.000 |
| | 1743-1820 | NS 605 | 3 | WHE | 190 | 180 | 7.0 | 30.000 | 100.000 | H | 200J | 30.000 | G | 5MA | 135 | 45 | 20.000 |
| | 1743-1830 | NS 605 | 3 | WHE | 190 | 180 | 7.0 | 30.000 | 100.000 | H | 200J | 30.000 | G | 5MA | 135 | 45 | 30.000 |
| | 1748-0610 | NS 561 | 63 | WHE | 70 | 60 | 7.0 | 20.000 | 200.000 | C | 200J | 30.000 | G | 5MA | 70 | 45 | 10.000 |
| | 1748-0630 | NS 561 | 63 | WHE | 70 | 60 | 7.0 | 20.000 | 200.000 | C | 200J | 30.000 | G | 5MA | 70 | 45 | 30.000 |
| | 1748-0810 | NS 561 | 63 | WHE | 90 | 80 | 7.0 | 20.000 | 200.000 | C | 200J | 30.000 | G | 5MA | 90 | 45 | 10.000 |
| | 1748-0820 | NS 561 | 63 | WHE | 90 | 80 | 7.0 | 20.000 | 200.000 | C | 200J | 30.000 | G | 5MA | 90 | 45 | 20.000 |
| | 1748-0830 | NS 561 | 63 | WHE | 90 | 80 | 7.0 | 20.000 | 200.000 | C | 200J | 30.000 | G | 5MA | 90 | 45 | 30.000 |
| | 1748-1010 | NS 561 | 63 | WHE | 110 | 100 | 7.0 | 20.000 | 200.000 | C | 200J | 30.000 | G | 5MA | 110 | 45 | 10.000 |
| | 1748-1030 | NS 561 | 63 | WHE | 110 | 100 | 7.0 | 20.000 | 200.000 | C | 200J | 30.000 | G | 5MA | 110 | 45 | 30.000 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff $I_{CBO}$ @ $V_{CB}$ | Gain $h_{FE}$ @ $I_C$(A) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) Cond. | | | | |
| | 1748-1210 | NS 561 | 63 | WHE | 130 | 120 | 7.0 | 20.000 | 200.000 | C | 200J | 30.000 | G | 5MA 130 | 45 10.000 |
| | 1748-1220 | NS 561 | 63 | WHE | 130 | 120 | 7.0 | 20.000 | 200.000 | C | 200J | 30.000 | G | 5MA 130 | 45 20.000 |
| | 1748-1230 | NS 561 | 63 | WHE | 130 | 120 | 7.0 | 20.000 | 200.000 | C | 200J | 30.000 | G | 5MA 130 | 45 30.000 |
| | 1748-1410 | NS 561 | 63 | WHE | 150 | 140 | 7.0 | 20.000 | 200.000 | C | 200J | 30.000 | G | 5MA 150 | 45 10.000 |
| | 1748-1430 | NS 561 | 63 | WHE | 150 | 140 | 7.0 | 20.000 | 200.000 | C | 200J | 30.000 | G | 5MA 150 | 45 30.000 |
| | 1748-1610 | NS 561 | 63 | WHE | 170 | 160 | 7.0 | 20.000 | 200.000 | C | 200J | 30.000 | G | 5MA 170 | 45 10.000 |
| | 1748-1620 | NS 561 | 63 | WHE | 170 | 160 | 7.0 | 20.000 | 200.000 | C | 200J | 30.000 | G | 5MA 170 | 45 20.000 |
| | 1748-1630 | NS 561 | 63 | WHE | 170 | 160 | 7.0 | 20.000 | 200.000 | C | 200J | 30.000 | G | 5MA 170 | 45 30.000 |
| | 1748-1810 | NS 561 | 63 | WHE | 190 | 180 | 7.0 | 20.000 | 200.000 | C | 200J | 30.000 | G | 5MA 190 | 45 10.000 |
| | 1748-1820 | NS 561 | 63 | WHE | 190 | 180 | 7.0 | 20.000 | 200.000 | C | 200J | 30.000 | G | 5MA 190 | 45 20.000 |
| | 1748-1830 | NS 561 | 63 | WHE | 190 | 180 | 7.0 | 20.000 | 200.000 | C | 200J | 30.000 | G | 5MA 190 | 45 30.000 |
| | 1756-0440 | NS 560 | 63 | WHE | 50 | 40 | 7.0 | 75.000 | 150.000 | H | 200J | 30.000 | G | | 22 40.000 |
| | 1756-0460 | NS 560 | 63 | WHE | 50 | 40 | 7.0 | 75.000 | 150.000 | H | 200J | 30.000 | G | | 22 60.000 |
| | 1756-0640 | NS 560 | 63 | WHE | 70 | 60 | 7.0 | 75.000 | 150.000 | H | 200J | 30.000 | G | | 22 40.000 |
| | 1756-0660 | NS 560 | 63 | WHE | 70 | 60 | 7.0 | 75.000 | 150.000 | H | 200J | 30.000 | G | | 22 60.000 |
| | 1756-0840 | NS 560 | 63 | WHE | 90 | 80 | 7.0 | 75.000 | 150.000 | H | 200J | 30.000 | G | | 22 40.000 |
| | 1756-0860 | NS 560 | 63 | WHE | 90 | 80 | 7.0 | 75.000 | 150.000 | H | 200J | 30.000 | G | | 22 60.000 |
| | 1756-1040 | NS 560 | 63 | WHE | 110 | 100 | 7.0 | 75.000 | 150.000 | H | 200J | 30.000 | G | | 22 40.000 |
| | 1756-1060 | NS 560 | 63 | WHE | 110 | 100 | 7.0 | 75.000 | 150.000 | H | 200J | 30.000 | G | | 22 60.000 |
| | 1756-1240 | NS 560 | 63 | WHE | 130 | 120 | 7.0 | 75.000 | 150.000 | H | 200J | 30.000 | G | | 22 40.000 |
| | 1756-1260 | NS 560 | 63 | WHE | 130 | 120 | 7.0 | 75.000 | 150.000 | H | 200J | 30.000 | G | | 22 60.000 |
| | 1756-1440 | NS 560 | 63 | WHE | 150 | 140 | 7.0 | 75.000 | 150.000 | H | 200J | 30.000 | G | | 22 40.000 |
| | 1756-1460 | NS 560 | 63 | WHE | 150 | 140 | 7.0 | 75.000 | 150.000 | H | 200J | 30.000 | G | | 22 60.000 |
| | 1756-1640 | NS 560 | 63 | WHE | 170 | 160 | 7.0 | 75.000 | 150.000 | H | 200J | 30.000 | G | | 22 40.000 |
| | 1756-1660 | NS 560 | 63 | WHE | 170 | 160 | 7.0 | 75.000 | 150.000 | H | 200J | 30.000 | G | | 22 60.000 |
| | 1761-04 | NS 605 | 3 | WHE | 47 | 40 | 7.0 | 30.000 | 125.000 | C | 200J | 30.000 | G | | 30 20.000 |
| | 1761-06 | NS 605 | 3 | WHE | 67 | 60 | 7.0 | 30.000 | 125.000 | C | 200J | 30.000 | G | | 30 20.000 |
| | 1761-08 | NS 605 | 3 | WHE | 87 | 80 | 7.0 | 30.000 | 125.000 | C | 200J | 30.000 | G | | 30 20.000 |
| | 1761-10 | NS 605 | 3 | WHE | 106 | 100 | 7.0 | 30.000 | 125.000 | C | 200J | 30.000 | G | | 30 20.000 |
| | 1761-12 | NS 605 | 3 | WHE | 127 | 120 | 7.0 | 30.000 | 125.000 | C | 200J | 30.000 | G | | 30 20.000 |
| | 1761-14 | NS 605 | 3 | WHE | 147 | 140 | 7.0 | 30.000 | 125.000 | C | 200J | 30.000 | G | | 30 20.000 |
| | 1761-16 | NS 605 | 3 | WHE | 167 | 160 | 7.0 | 30.000 | 125.000 | C | 200J | 30.000 | G | | 30 20.000 |
| | 1763-0610 | NS 605 | 3 | WHE | | 60 | 7.0 | 40.000 | 85.000 | H | 200J | 50.000 | G | | 30 10.000 |
| | 1763-0620 | NS 605 | 3 | WHE | | 60 | 7.0 | 40.000 | 85.000 | H | 200J | 50.000 | G | | 30 20.000 |
| | 1763-0630 | NS 605 | 3 | WHE | | 60 | 7.0 | 40.000 | 85.000 | H | 200J | 50.000 | G | | 30 30.000 |
| | 1763-0810 | NS 605 | 3 | WHE | | 80 | 7.0 | 40.000 | 85.000 | H | 200J | 50.000 | G | | 30 10.000 |
| | 1763-0820 | NS 605 | 3 | WHE | | 80 | 7.0 | 40.000 | 85.000 | H | 200J | 50.000 | G | | 30 20.000 |
| | 1763-0830 | NS 605 | 3 | WHE | | 80 | 7.0 | 40.000 | 85.000 | H | 200J | 50.000 | G | | 30 30.000 |
| | 1763-1010 | NS 605 | 3 | WHE | | 100 | 7.0 | 40.000 | 85.000 | H | 200J | 50.000 | G | | 30 10.000 |
| | 1763-1020 | NS 605 | 3 | WHE | | 100 | 7.0 | 40.000 | 85.000 | H | 200J | 50.000 | G | | 30 20.000 |
| | 1763-1030 | NS 605 | 3 | WHE | | 100 | 7.0 | 40.000 | 85.000 | H | 200J | 50.000 | G | | 30 30.000 |
| | 1763-1210 | NS 605 | 3 | WHE | | 120 | 7.0 | 40.000 | 85.000 | H | 200J | 50.000 | G | | 30 10.000 |
| | 1763-1220 | NS 605 | 3 | WHE | | 120 | 7.0 | 40.000 | 85.000 | H | 200J | 50.000 | G | | 30 20.000 |
| | 1763-1230 | NS 605 | 3 | WHE | | 120 | 7.0 | 40.000 | 85.000 | H | 200J | 50.000 | G | | 30 30.000 |
| | 1763-1410 | NS 605 | 3 | WHE | | 140 | 7.0 | 40.000 | 85.000 | H | 200J | 50.000 | G | | 30 10.000 |
| | 1763-1420 | NS 605 | 3 | WHE | | 140 | 7.0 | 40.000 | 85.000 | H | 200J | 50.000 | G | | 30 20.000 |
| | 1763-1430 | NS 605 | 3 | WHE | | 140 | 7.0 | 40.000 | 85.000 | H | 200J | 50.000 | G | | 30 30.000 |
| | 1763-1610 | NS 605 | 3 | WHE | | 160 | 7.0 | 40.000 | 85.000 | H | 200J | 50.000 | G | | 30 10.000 |
| | 1763-1620 | NS 605 | 3 | WHE | | 160 | 7.0 | 40.000 | 85.000 | H | 200J | 50.000 | G | | 30 20.000 |
| | 1763-1630 | NS 605 | 3 | WHE | | 160 | 7.0 | 40.000 | 85.000 | H | 200J | 50.000 | G | | 30 30.000 |
| | 1763-1810 | NS 605 | 3 | WHE | | 180 | 7.0 | 40.000 | 85.000 | H | 200J | 50.000 | G | | 30 10.000 |
| | 1768-0610 | NS 560 | 63 | WHE | | 60 | 7.0 | 40.000 | 100.000 | H | 200J | 50.000 | G | | 30 10.000 |
| | 1768-0620 | NS 560 | 63 | WHE | | 60 | 7.0 | 40.000 | 100.000 | H | 200J | 50.000 | G | | 30 20.000 |
| | 1768-0630 | NS 560 | 63 | WHE | | 60 | 7.0 | 40.000 | 100.000 | H | 200J | 50.000 | G | | 30 30.000 |
| | 1768-0810 | NS 560 | 63 | WHE | | 80 | 7.0 | 40.000 | 100.000 | H | 200J | 50.000 | G | | 30 10.000 |
| | 1768-0820 | NS 560 | 63 | WHE | | 80 | 7.0 | 40.000 | 100.000 | H | 200J | 50.000 | G | | 30 20.000 |
| | 1768-0830 | NS 560 | 63 | WHE | | 80 | 7.0 | 40.000 | 100.000 | H | 200J | 50.000 | G | | 30 30.000 |
| | 1768-1010 | NS 560 | 63 | WHE | | 100 | 7.0 | 40.000 | 100.000 | H | 200J | 50.000 | G | | 30 10.000 |
| | 1768-1020 | NS 560 | 63 | WHE | | 100 | 7.0 | 40.000 | 100.000 | H | 200J | 50.000 | G | | 30 20.000 |
| | 1768-1030 | NS 560 | 63 | WHE | | 100 | 7.0 | 40.000 | 100.000 | H | 200J | 50.000 | G | | 30 30.000 |
| | 1768-1210 | NS 560 | 63 | WHE | | 120 | 7.0 | 40.000 | 100.000 | H | 200J | 50.000 | G | | 30 10.000 |
| | 1768-1220 | NS 560 | 63 | WHE | | 120 | 7.0 | 40.000 | 100.000 | H | 200J | 50.000 | G | | 30 20.000 |
| | 1768-1230 | NS 560 | 63 | WHE | | 120 | 7.0 | 40.000 | 100.000 | H | 200J | 50.000 | G | | 30 30.000 |
| | 1768-1410 | NS 560 | 63 | WHE | | 140 | 7.0 | 40.000 | 100.000 | H | 200J | 50.000 | G | | 30 10.000 |
| | 1768-1420 | NS 560 | 63 | WHE | | 140 | 7.0 | 40.000 | 100.000 | H | 200J | 50.000 | G | | 30 20.000 |
| | 1768-1430 | NS 560 | 63 | WHE | | 140 | 7.0 | 40.000 | 100.000 | H | 200J | 50.000 | G | | 30 30.000 |
| | 1768-1610 | NS 560 | 63 | WHE | | 160 | 7.0 | 40.000 | 100.000 | H | 200J | 50.000 | G | | 30 10.000 |
| | 1768-1620 | NS 560 | 63 | WHE | | 160 | 7.0 | 40.000 | 100.000 | H | 200J | 50.000 | G | | 30 20.000 |
| | 1768-1630 | NS 560 | 63 | WHE | | 160 | 7.0 | 40.000 | 100.000 | H | 200J | 50.000 | G | | 30 30.000 |
| | 1768-1810 | NS 560 | 63 | WHE | | 180 | 7.0 | 40.000 | 100.000 | H | 200J | 50.000 | G | | 30 10.000 |
| | 1776-0440 | NS 560 | 63 | WHE | | 40 | 7.0 | 75.000 | 150.000 | H | 200J | 35.000 | G | | 23 40.000 |
| | 1776-0460 | NS 560 | 63 | WHE | | 40 | 7.0 | 75.000 | 150.000 | H | 200J | 35.000 | G | | 23 60.000 |
| | 1776-0640 | NS 560 | 63 | WHE | | 60 | 7.0 | 75.000 | 150.000 | H | 200J | 35.000 | G | | 23 40.000 |
| | 1776-0660 | NS 560 | 63 | WHE | | 60 | 7.0 | 75.000 | 150.000 | H | 200J | 35.000 | G | | 23 60.000 |
| | 1776-0840 | NS 560 | 63 | WHE | | 80 | 7.0 | 75.000 | 150.000 | H | 200J | 35.000 | G | | 23 40.000 |
| | 1776-0860 | NS 560 | 63 | WHE | | 80 | 7.0 | 75.000 | 150.000 | H | 200J | 35.000 | G | | 23 60.000 |
| | 1776-1040 | NS 560 | 63 | WHE | | 100 | 7.0 | 75.000 | 150.000 | H | 200J | 35.000 | G | | 23 40.000 |
| | 1776-1060 | NS 560 | 63 | WHE | | 100 | 7.0 | 75.000 | 150.000 | H | 200J | 35.000 | G | | 23 60.000 |
| | 1776-1240 | NS 560 | 63 | WHE | | 120 | 7.0 | 75.000 | 150.000 | H | 200J | 35.000 | G | | 23 40.000 |
| | 1776-1260 | NS 560 | 63 | WHE | | 120 | 7.0 | 75.000 | 150.000 | H | 200J | 35.000 | G | | 23 60.000 |
| | 1776-1440 | NS 560 | 63 | WHE | | 140 | 7.0 | 75.000 | 150.000 | H | 200J | 35.000 | G | | 23 40.000 |
| | 1776-1460 | NS 560 | 63 | WHE | | 140 | 7.0 | 75.000 | 150.000 | H | 200J | 35.000 | G | | 23 60.000 |
| | 1776-1640 | NS 560 | 63 | WHE | | 160 | 7.0 | 75.000 | 150.000 | H | 200J | 35.000 | G | | 23 40.000 |
| | 1781-0450 | NS 563 | 114 | WHE | 50 | 40 | 7.0 | 90.000 | 200.000 | H | 200J | 30.000 | G | | 22 50.000 |
| | 1781-0470 | NS 563 | 114 | WHE | 50 | 40 | 7.0 | 90.000 | 200.000 | H | 200J | 30.000 | G | | 22 70.000 |
| | 1781-0490 | NS 563 | 114 | WHE | 50 | 40 | 7.0 | 90.000 | 200.000 | H | 200J | 30.000 | G | | 15 90.000 |
| | 1781-0650 | NS 563 | 114 | WHE | 70 | 60 | 7.0 | 90.000 | 200.000 | H | 200J | 30.000 | G | | 22 50.000 |
| | 1781-0670 | NS 563 | 114 | WHE | 70 | 60 | 7.0 | 90.000 | 200.000 | H | 200J | 30.000 | G | | 22 70.000 |
| | 1781-0690 | NS 563 | 114 | WHE | 70 | 60 | 7.0 | 90.000 | 200.000 | H | 200J | 30.000 | G | | 15 90.000 |
| | 1781-0850 | NS 563 | 114 | WHE | 90 | 80 | 7.0 | 90.000 | 200.000 | H | 200J | 30.000 | G | | 22 50.000 |
| | 1781-0870 | NS 563 | 114 | WHE | 90 | 80 | 7.0 | 90.000 | 200.000 | H | 200J | 30.000 | G | | 22 70.000 |
| | 1781-0890 | NS 563 | 114 | WHE | 90 | 80 | 7.0 | 90.000 | 200.000 | H | 200J | 30.000 | G | | 15 90.000 |
| | 1781-1050 | NS 563 | 114 | WHE | 110 | 100 | 7.0 | 90.000 | 200.000 | H | 200J | 30.000 | G | | 22 50.000 |
| | 1781-1070 | NS 563 | 114 | WHE | 110 | 100 | 7.0 | 90.000 | 200.000 | H | 200J | 30.000 | G | | 22 70.000 |
| | 1781-1090 | NS 563 | 114 | WHE | 110 | 100 | 7.0 | 90.000 | 200.000 | H | 200J | 30.000 | G | | 15 90.000 |
| | 1781-1250 | NS 563 | 114 | WHE | 130 | 120 | 7.0 | 90.000 | 200.000 | H | 200J | 30.000 | G | | 22 50.000 |
| | 1781-1270 | NS 563 | 114 | WHE | 130 | 120 | 7.0 | 90.000 | 200.000 | H | 200J | 30.000 | G | | 22 70.000 |
| | 1781-1290 | NS 563 | 114 | WHE | 130 | 120 | 7.0 | 90.000 | 200.000 | H | 200J | 30.000 | G | | 15 90.000 |
| | 1781-1450 | NS 563 | 114 | WHE | 150 | 140 | 7.0 | 90.000 | 200.000 | H | 200J | 30.000 | G | | 22 50.000 |
| | 1781-1470 | NS 563 | 114 | WHE | 150 | 140 | 7.0 | 90.000 | 200.000 | H | 200J | 30.000 | G | | 22 70.000 |
| | 1781-1650 | NS 563 | 114 | WHE | 170 | 160 | 7.0 | 90.000 | 200.000 | H | 200J | 30.000 | G | | 22 50.000 |
| | 1814-2001 | NS 605 | 66 | WHE | 225 | 200 | 7.0 | 10.000 | 44.000 | C | 150J | 30.000 | G | 3MA 210 | 30 1.000 |
| | 1814-2002 | NS 605 | 66 | WHE | 225 | 200 | 7.0 | 10.000 | 44.000 | C | 150J | 30.000 | G | 3MA 210 | 30 2.000 |
| | 1814-2005 | NS 605 | 66 | WHE | 225 | 200 | 7.0 | 10.000 | 44.000 | C | 150J | 30.000 | G | 3MA 210 | 30 5.000 |
| | 1814-2201 | NS 605 | 66 | WHE | 250 | 225 | 7.0 | 10.000 | 44.000 | C | 150J | 30.000 | G | 3MA 235 | 30 1.000 |
| | 1814-2202 | NS 605 | 66 | WHE | 250 | 225 | 7.0 | 10.000 | 44.000 | C | 150J | 30.000 | G | 3MA 235 | 30 2.000 |
| | 1814-2205 | NS 605 | 66 | WHE | 250 | 225 | 7.0 | 10.000 | 44.000 | C | 150J | 30.000 | G | 3MA 235 | 30 5.000 |
| | 1814-2501 | NS 605 | 66 | WHE | 275 | 250 | 7.0 | 10.000 | 44.000 | C | 150J | 30.000 | G | 3MA 260 | 30 1.000 |
| | 1814-2502 | NS 605 | 66 | WHE | 275 | 250 | 7.0 | 10.000 | 44.000 | C | 150J | 30.000 | G | 3MA 260 | 30 2.000 |
| | 1814-2505 | NS 605 | 66 | WHE | 275 | 250 | 7.0 | 10.000 | 44.000 | C | 150J | 30.000 | G | 3MA 260 | 30 5.000 |
| | 1814-2701 | NS 605 | 66 | WHE | 300 | 275 | 7.0 | 10.000 | 44.000 | C | 150J | 30.000 | G | 3MA 285 | 30 1.000 |
| | 1814-2702 | NS 605 | 66 | WHE | 300 | 275 | 7.0 | 10.000 | 44.000 | C | 150J | 30.000 | G | 3MA 285 | 30 2.000 |
| | 1814-2705 | NS 605 | 66 | WHE | 300 | 275 | 7.0 | 10.000 | 44.000 | C | 150J | 30.000 | G | 3MA 285 | 30 5.000 |
| | 1814-3001 | NS 605 | 66 | WHE | 325 | 300 | 7.0 | 10.000 | 44.000 | C | 150J | 30.000 | G | 3MA 310 | 30 1.000 |
| | 1814-3002 | NS 605 | 66 | WHE | 325 | 300 | 7.0 | 10.000 | 44.000 | C | 150J | 30.000 | G | 3MA 310 | 30 2.000 |
| | 1814-3005 | NS 605 | 66 | WHE | 325 | 300 | 7.0 | 10.000 | 44.000 | C | 150J | 30.000 | G | 3MA 310 | 30 5.000 |
| | 1814-3201 | NS 605 | 66 | WHE | 350 | 325 | 7.0 | 10.000 | 44.000 | C | 150J | 30.000 | G | 3MA 335 | 30 1.000 |
| | 1814-3202 | NS 605 | 66 | WHE | 350 | 325 | 7.0 | 10.000 | 44.000 | C | 150J | 30.000 | G | 3MA 335 | 30 2.000 |
| | 1814-3205 | NS 605 | 66 | WHE | 350 | 325 | 7.0 | 10.000 | 44.000 | C | 150J | 30.000 | G | 3MA 335 | 30 5.000 |
| | 1814-3501 | NS 605 | 66 | WHE | 375 | 350 | 7.0 | 10.000 | 44.000 | C | 150J | 30.000 | G | 3MA 360 | 30 1.000 |
| | 1814-3502 | NS 605 | 66 | WHE | 375 | 350 | 7.0 | 10.000 | 44.000 | C | 150J | 30.000 | G | 3MA 360 | 30 2.000 |
| | 1814-3505 | NS 605 | 66 | WHE | 375 | 350 | 7.0 | 10.000 | 44.000 | C | 150J | 30.000 | G | 3MA 360 | 30 5.000 |
| | 1814-3701 | NS 605 | 66 | WHE | 400 | 375 | 7.0 | 10.000 | 44.000 | C | 150J | 30.000 | G | 3MA 385 | 30 1.000 |
| | 1814-3702 | NS 605 | 66 | WHE | 400 | 375 | 7.0 | 10.000 | 44.000 | C | 150J | 30.000 | G | 3MA 385 | 30 2.000 |
| | 1814-3705 | NS 605 | 66 | WHE | 400 | 375 | 7.0 | 10.000 | 44.000 | C | 150J | 30.000 | G | 3MA 385 | 30 5.000 |
| | 1843-2005 | NS 605 | 3 | WHE | 225 | 200 | 7.0 | 30.000 | 150.000 | C | 200J | 20.000 | G | 10MA 225 | 30 5.000 |
| | 1843-2010 | NS 605 | 3 | WHE | 225 | 200 | 7.0 | 30.000 | 150.000 | C | 200J | 20.000 | G | 10MA 225 | 22 10.000 |
| | 1843-2020 | NS 605 | 3 | WHE | 225 | 200 | 7.0 | 30.000 | 150.000 | C | 200J | 20.000 | G | 10MA 225 | 15 20.000 |
| | 1843-2205 | NS 605 | 3 | WHE | 250 | 225 | 7.0 | 30.000 | 150.000 | C | 200J | 20.000 | G | 10MA 250 | 30 5.000 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | Frequency Response (MHz) | Condition | Cutoff $I_{CBO}$ @ $V_{CB}$ | | Gain $h_{FE}$ @ $I_C$(A) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1843-2210 | NS 605 | 3 | WHE | 250 | 225 | 7.0 | 30.000 | 150.000 | C | 200J | | 20.000 | G | 10MA | 250 | 22 | 10.000 |
| | 1843-2220 | NS 605 | 3 | WHE | 250 | 225 | 7.0 | 30.000 | 150.000 | C | 200J | | 20.000 | G | 10MA | 250 | 15 | 20.000 |
| | 1843-2505 | NS 605 | 3 | WHE | 275 | 250 | 7.0 | 30.000 | 150.000 | C | 200J | | 20.000 | G | 10MA | 275 | 30 | 5.000 |
| | 1843-2510 | NS 605 | 3 | WHE | 275 | 250 | 7.0 | 30.000 | 150.000 | C | 200J | | 20.000 | G | 10MA | 275 | 22 | 10.000 |
| | 1843-2520 | NS 605 | 3 | WHE | 275 | 250 | 7.0 | 30.000 | 150.000 | C | 200J | | 20.000 | G | 10MA | 275 | 15 | 20.000 |
| | 1843-2705 | NS 605 | 3 | WHE | 300 | 275 | 7.0 | 30.000 | 150.000 | C | 200J | | 20.000 | G | 10MA | 300 | 30 | 5.000 |
| | 1843-2710 | NS 605 | 3 | WHE | 300 | 275 | 7.0 | 30.000 | 150.000 | C | 200J | | 20.000 | G | 10MA | 300 | 22 | 10.000 |
| | 1843-2720 | NS 605 | 3 | WHE | 300 | 275 | 7.0 | 30.000 | 150.000 | C | 200J | | 20.000 | G | 10MA | 300 | 15 | 20.000 |
| | 1843-3005 | NS 605 | 3 | WHE | 325 | 300 | 7.0 | 30.000 | 150.000 | C | 200J | | 20.000 | G | 10MA | 325 | 30 | 5.000 |
| | 1843-3010 | NS 605 | 3 | WHE | 325 | 300 | 7.0 | 30.000 | 150.000 | C | 200J | | 20.000 | G | 10MA | 325 | 22 | 10.000 |
| | 1843-3020 | NS 605 | 3 | WHE | 325 | 300 | 7.0 | 30.000 | 150.000 | C | 200J | | 20.000 | G | 10MA | 325 | 15 | 20.000 |
| | 1843-3205 | NS 605 | 3 | WHE | 350 | 325 | 7.0 | 30.000 | 150.000 | C | 200J | | 20.000 | G | 10MA | 350 | 30 | 5.000 |
| | 1843-3210 | NS 605 | 3 | WHE | 350 | 325 | 7.0 | 30.000 | 150.000 | C | 200J | | 20.000 | G | 10MA | 350 | 22 | 10.000 |
| | 1843-3220 | NS 605 | 3 | WHE | 350 | 325 | 7.0 | 30.000 | 150.000 | C | 200J | | 20.000 | G | 10MA | 350 | 15 | 20.000 |
| | 1843-3505 | NS 605 | 3 | WHE | 375 | 350 | 7.0 | 30.000 | 150.000 | C | 200J | | 20.000 | G | 10MA | 375 | 30 | 5.000 |
| | 1843-3510 | NS 605 | 3 | WHE | 375 | 350 | 7.0 | 30.000 | 150.000 | C | 200J | | 20.000 | G | 10MA | 375 | 22 | 10.000 |
| | 1843-3705 | NS 605 | 3 | WHE | 400 | 375 | 7.0 | 30.000 | 150.000 | C | 200J | | 20.000 | G | 10MA | 400 | 30 | 5.000 |
| | 1856-2030 | NS 560 | 63 | WHE | 225 | 200 | 7.0 | 65.000 | 150.000 | H | 200J | | 20.000 | G | | | 22 | 30.000 |
| | 1856-2040 | NS 560 | 63 | WHE | 225 | 200 | 7.0 | 65.000 | 150.000 | H | 200J | | 20.000 | G | | | 22 | 40.000 |
| | 1856-2230 | NS 560 | 63 | WHE | 250 | 225 | 7.0 | 65.000 | 150.000 | H | 200J | | 20.000 | G | | | 22 | 30.000 |
| | 1856-2240 | NS 560 | 63 | WHE | 250 | 225 | 7.0 | 65.000 | 150.000 | H | 200J | | 20.000 | G | | | 22 | 40.000 |
| | 1856-2530 | NS 560 | 63 | WHE | 275 | 250 | 7.0 | 65.000 | 150.000 | H | 200J | | 20.000 | G | | | 22 | 30.000 |
| | 1856-2540 | NS 560 | 63 | WHE | 275 | 250 | 7.0 | 65.000 | 150.000 | H | 200J | | 20.000 | G | | | 22 | 40.000 |
| | 1856-2730 | NS 560 | 63 | WHE | 300 | 275 | 7.0 | 65.000 | 150.000 | H | 200J | | 20.000 | G | | | 22 | 30.000 |
| | 1856-2740 | NS 560 | 63 | WHE | 300 | 275 | 7.0 | 65.000 | 150.000 | H | 200J | | 20.000 | G | | | 22 | 40.000 |
| | 1856-3030 | NS 560 | 63 | WHE | 325 | 300 | 7.0 | 65.000 | 150.000 | H | 200J | | 20.000 | G | | | 22 | 30.000 |
| | 1856-3040 | NS 560 | 63 | WHE | 325 | 300 | 7.0 | 65.000 | 150.000 | H | 200J | | 20.000 | G | | | 22 | 40.000 |
| | 1856-3230 | NS 560 | 63 | WHE | 350 | 325 | 7.0 | 65.000 | 150.000 | H | 200J | | 20.000 | G | | | 22 | 30.000 |
| | 1856-3240 | NS 560 | 63 | WHE | 350 | 325 | 7.0 | 65.000 | 150.000 | H | 200J | | 20.000 | G | | | 22 | 40.000 |
| | 1856-3530 | NS 560 | 63 | WHE | 375 | 350 | 7.0 | 65.000 | 150.000 | H | 200J | | 20.000 | G | | | 22 | 30.000 |
| | 3907 | | | SEE 2N404A | | | | | | | | | | | | | | |
| | 40022 | PG 605 | 3 | RCA | 32 | 32R | 5.0 | 5.000 | 12.500 | C | 100J | | .300 | G | 1MA | 30 | 70 | 1.000 |
| | 40050 | PG 605 | 3 | RCA | 40 | 40 | 5.0 | 5.000 | 12.500 | A | 100J | | .500 | G | 500UA | 30 | 90 | |
| | 40051 | PG 605 | 3 | RCA | 50 | 50R | 5.0 | 5.000 | 12.500 | A | 100J | | .500 | G | 500UA | 30 | 90 | |
| | 40053 | | | SEE 2N3053 | | | | | | | | | | | | | | |
| | 40080 | NS 211 | 5 | RCA | | 30 | | .250 | .500 | A | 200J | | CBAMP | | 10UA | 15 | | |
| | 40081 | NS 211 | 5 | RCA | | 60X | 2.0 | .250 | 2.000 | C | 200J | | CBAMP | | 10UA | 15 | | |
| | 40082 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 40084 | NS 211 | 18 | RCA | 60 | 40 | 5.0 | 1.000 | 1.800 | C | 200J | | 100.000 | G | 250NA | 30 | 112 | .150 |
| | 40217 | | | SEE 2N3261 | | | | | | | | | | | | | | |
| | 40218 | | | SEE 2N3261 | | | | | | | | | | | | | | |
| | 40219 | | | SEE 2N3261 | | | | | | | | | | | | | | |
| | 40220 | | | SEE 2N3261 | | | | | | | | | | | | | | |
| | 40221 | | | SEE 2N3261 | | | | | | | | | | | | | | |
| | 40222 | | | SEE 2N3261 | | | | | | | | | | | | | | |
| | 40231 | NS 170 J | | RCA | 18 | 18 | 5.0 | .100 | .500 | A | 175J | | 60.000 | G | 10UA | 12 | 80 | .002 |
| | 40232 | NS 170 J | | RCA | 18 | 18 | 5.0 | .100 | .500 | A | 175J | | 60.000 | G | 10UA | 12 | 175 | .002 |
| | 40233 | NS 170 J | | RCA | 18 | 18 | 5.0 | .100 | .500 | A | 175J | | 60.000 | G | 10UA | 12 | 175 | .002 |
| | 40234 | NS 170 J | | RCA | 18 | 18 | 5.0 | .100 | .400 | A | 175J | | 60.000 | G | 10UA | 12 | 80 | .002 |
| | 40235 | NS 217 | 104 | RCA | 35 | | 3.0 | .050 | .180 | A | 175J | | 1200.000 | G | 1UA | 35 | 80 | .001 |
| | 40236 | NS 217 | 104 | RCA | 35 | | 3.0 | .050 | .180 | A | 175J | | 1200.000 | G | 1UA | 35 | 120 | .001 |
| | 40237 | NS 217 | 104 | RCA | 35 | | 3.0 | .050 | .180 | A | 175J | | 1200.000 | G | 1UA | 35 | 100 | .001 |
| | 40238 | NS 217 | 104 | RCA | 35 | | 3.0 | .050 | .180 | A | 175J | | 900.000 | G | 1UA | 35 | 80 | .001 |
| | 40239 | NS 217 | 104 | RCA | 35 | | 3.0 | .050 | .180 | A | 175J | | 900.000 | G | 1UA | 35 | 50 | .001 |
| | 40240 | NS 217 | 104 | RCA | 35 | | 3.0 | .050 | .180 | A | 175J | | 900.000 | G | 1UA | 35 | 100 | .001 |
| | 40242 | NS 217 | 104 | RCA | 35 | | 5.0 | .050 | .180 | A | 175J | | 400.000 | G | 20NA | 1 | 80 | .001 |
| | 40243 | NS 217 | 104 | RCA | 35 | | 3.0 | .050 | .180 | A | 175J | | 88.000 | G | 20NA | 1 | 80 | .001 |
| | 40244 | NS 217 | 104 | RCA | 35 | | 3.0 | .050 | .180 | A | 175J | | FM OSC | | 20NA | 1 | 65 | .001 |
| | 40245 | NS 217 | 104 | RCA | 35 | | 3.0 | .050 | .180 | A | 175J | | FM IF | | 20NA | 1 | 120 | .001 |
| | 40246 | NS 217 | 104 | RCA | 35 | | 3.0 | .050 | .180 | A | 175J | | FM IF | | 20NA | 1 | 55 | .001 |
| | 40250 | NS 605 | 66 | RCA | 50 | 40 | 5.0 | 4.000 | 29.000 | C | 200J | | 1.000 | G | 1MA | 30 | 50 | 1.500 |
| | 40250V1 | NS 720 A | | RCA | 50 | 40 | 5.0 | 4.000 | 5.800 | A | 200J | | 1.000 | G | 1MA | 30 | 50 | 1.500 |
| | 40251 | NS 605 | 3 | RCA | 50 | 40 | 5.0 | 15.000 | 117.000 | C | 200J | | .500 | G | 2MA | 40 | 30 | 8.000 |
| - | 40253 | PG 120 | 1 | RCA | 25 | 25 | 2.5 | .500 | .125 | A | 90J | | 1.000 | G | 14UA | 12 | 76 | .400 |
| | 40254 | PG 605 | 3 | RCA | 32 | 32R | 5.0 | 5.000 | 12.500 | C | 100J | | .300 | G | 3MA | 30 | 70 | 1.000 |
| | 40261 | PG 120 | 1 | RCA | 50 | | .5 | | .080 | A | 85J | | 40.000 | G | 12UA | 12 | 80 | |
| | 40262 | PG 120 | 1 | RCA | 50 | | .5 | | .080 | A | 85J | | 30.000 | G | 12UA | 12 | 160 | |
| | 40263 | PG 120 | 1 | RCA | 20 | 18R | 2.5 | | .120 | A | 100J | | 10.000 | B | 12UA | 20 | 180 | |
| - | 40264 | NS 622 A | | RCA | 300 | 300X | 3.0 | | 4.000 | A | 150J | | 25.000 | G | 100UA | 300 | 70 | |
| - | 40268 | NG 211 | 18 | RCA | 25 | 15S | 1.0 | .100 | .100 | A | 100J | | 250.000 | G | 10UA | 12 | 50 | .001 |
| | 40269 | PG 211 | 5 | RCA | 25 | | 12.0 | .100 | .150 | A | 85J | | 4.000 | G | 5UA | 12 | 100 | .012 |
| | 40279 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 40280 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 40281 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 40282 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| - | 40283 | NS 211 | 46 | RCA | 60 | 30 | 5.0 | | .400 | A | 200J | | 250.000 | G | 500NA | 30 | 10 | .500 |
| | 40290 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 40291 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 40292 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 40294 | NS 217 | 72 | RCA | 30 | 15 | 2.5 | .040 | .200 | A | 200J | | 1000.000 | G | 10NA | 15 | 70 | .003 |
| | 40295 | NS 217 | 72 | RCA | 35 | 20 | 3.0 | .040 | .200 | A | 200J | | 700.000 | G | 10NA | 15 | 80 | .002 |
| - | 40296 | NS 217 | 72 | RCA | 30 | 15 | 2.5 | .040 | .200 | A | 200J | | 1000.000 | G | 10NA | 15 | 68 | .003 |
| | 40305 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 40306 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 40307 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 40309 | NS 210 | 5 | RCA | | 18 | 2.5 | .700 | 1.000 | A | 200J | | 50.000 | G | 250NA | 15 | 160 | .050 |
| | 40310 | NS 605 | 66 | RCA | | 35 | 2.5 | 4.000 | 29.000 | C | 200J | | .375 | G | 10NA | 15 | 50 | 1.000 |
| | 40311 | NS 210 | 5 | RCA | | 30 | 2.5 | .700 | 1.000 | A | 200J | | 50.000 | G | 250NA | 15 | 160 | .050 |
| | 40312 | NS 605 | 66 | RCA | | 60R | 2.5 | 4.000 | 29.000 | C | 200J | | .375 | G | 10NA | 15 | 50 | 1.000 |
| | 40313 | NS 605 | 66 | RCA | | 300R | 2.5 | 2.000 | 35.000 | C | 200J | | AUD | | 5MA | 150 | 100 | .100 |
| | 40314 | NS 210 | 5 | RCA | | 40 | 2.5 | .700 | 1.000 | A | 200J | | 50.000 | G | 250NA | 15 | 160 | .050 |
| | 40315 | NS 210 | 5 | RCA | | 35 | 2.5 | .700 | 1.000 | A | 200J | | 50.000 | G | 250NA | 15 | 160 | .050 |
| | 40316 | NS 605 | 66 | RCA | | 40 | 5.0 | 4.000 | 29.000 | C | 200J | | .375 | G | 10UA | 15 | 50 | 1.000 |
| | 40317 | NS 210 | 5 | RCA | | 40 | 2.5 | .700 | 1.000 | A | 200J | | 100.000 | G | 250NA | 15 | 90 | .010 |
| | 40318 | NS 605 | 66 | RCA | | 300R | 6.0 | 2.000 | 35.000 | C | 200J | | AUD | | 5MA | 150 | 80 | .020 |
| | 40319 | NS 210 | 5 | RCA | | 40 | 2.5 | .700 | 1.000 | A | 200J | | 50.000 | G | 250NA | 15 | 80 | .050 |
| | 40320 | NS 210 | 5 | RCA | | 40 | 2.5 | .700 | 1.000 | A | 200J | | AUD | | 250NA | 15 | 90 | .050 |
| | 40321 | NS 210 | 5 | RCA | | 300R | 5.0 | 1.000 | 1.000 | A | 200J | | AUD | | 100UA | 150 | 80 | .020 |
| | 40322 | NS 605 | 66 | RCA | | 300R | 6.0 | 2.000 | 35.000 | C | 200J | | AUD | | 5MA | 150 | 80 | .020 |
| | 40323 | NS 210 | 5 | RCA | | 18 | 2.5 | .700 | 1.000 | A | 200J | | 50.000 | G | 250NA | 15 | 160 | .050 |
| | 40324 | NS 605 | 66 | RCA | | 35 | 2.5 | 4.000 | 29.000 | C | 200J | | .375 | G | 10UA | 15 | 50 | 1.000 |
| | 40325 | NS 605 | 3 | RCA | 35 | 35 | 5.0 | 15.000 | 117.000 | C | 200J | | AUD | | 5MA | 30 | 28 | 8.000 |
| | 40326 | NS 210 | 5 | RCA | | 40 | 2.5 | .700 | 1.000 | A | 200J | | AUD | | 250NA | 15 | 90 | .010 |
| | 40327 | NS 210 | 5 | RCA | | 300R | 5.0 | 1.000 | 1.000 | A | 200J | | AUD | | 100UA | 150 | 80 | .020 |
| | 40328 | NS 605 | 66 | RCA | | 300R | 6.0 | 2.000 | 35.000 | C | 200J | | AUD | | 5UA | 150 | 40 | 1.000 |
| | 40329 | NS 120 | 1 | RCA | 25 | 25R | 2.5 | .100 | .125 | A | 100J | | .750 | G | 14UA | 12 | 90 | .025 |
| | 40340 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 40341 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| - | 40342 | NS 540 | 60 | RCA | 65 | 65 | 4.0 | 3.000 | 23.000 | C | 200J | | | | 250NA | 30 | 20 | .300 |
| - | 40343 | NS 540 | 60 | RCA | 65 | 65 | 4.0 | 3.000 | 23.000 | C | 200J | | | | 250NA | 30 | 20 | |
| | 40346 | NS 211 | 5 | RCA | 200 | 175R | | 1.000 | 1.000 | A | 200J | | 10.000 | G | 5UA | 200 | 50 | .010 |
| | 40346V1 | NS 722 A | | RCA | | 175R | | 1.000 | 4.000 | A | 200J | | 10.000 | G | 5UA | 100 | 50 | .010 |
| | 40346V2 | NS 635 B | | RCA | | 175R | | 1.000 | 10.000 | C | 200J | | 10.000 | G | 5UA | 100 | 50 | .010 |
| | 40347 | NS 211 | 5 | RCA | 60 | 40 | 7.0 | 1.000 | 1.000 | A | 200J | | .500 | G | 1UA | 30 | 40 | .450 |
| | 40347V1 | NS 722 B | | RCA | 60 | 40 | 7.0 | 1.500 | 4.400 | A | 200J | | .500 | G | 1UA | 30 | 40 | .450 |
| | 40347V2 | NS 635 B | | RCA | 60 | 40 | 7.0 | 1.500 | 11.700 | C | 200J | | .500 | G | 1UA | 30 | 40 | .040 |
| | 40348 | NS 211 | 5 | RCA | 90 | 65 | 7.0 | 1.000 | 1.000 | A | 200J | | .500 | G | 1UA | 60 | 54 | .300 |
| | 40348V1 | NS 722 B | | RCA | 90 | 65 | 7.0 | 1.500 | 4.400 | A | 200J | | .500 | G | 1UA | 60 | 55 | .300 |
| | 40348V2 | NS 635 B | | RCA | 90 | 65 | 7.0 | 1.500 | 11.700 | C | 200J | | .500 | G | 1UA | 60 | 55 | .055 |
| | 40349 | NS 211 | 5 | RCA | 160 | 140 | 7.0 | 1.000 | 1.000 | A | 200J | | .500 | G | 10UA | 100 | 50 | .150 |
| | 40349V1 | NS 722 B | | RCA | 160 | 140 | 7.0 | 1.500 | 4.400 | A | 200J | | .500 | G | 1UA | 90 | 50 | .150 |
| | 40349V2 | NS 635 B | | RCA | 160 | 140 | 7.0 | 1.500 | 11.700 | C | 200J | | .500 | G | 1UA | 90 | 50 | .050 |
| | 40354 | NS 211 L | | RCA | | 150 | 5.0 | .050 | .500 | A | 175J | | 50.000 | G | 100NA | 120 | 56 | .010 |
| | 40355 | NS 211 M | | RCA | | 150 | 5.0 | .050 | 1.000 | A | 175J | | 50.000 | G | 100NA | 120 | 56 | .010 |
| | 40359 | PG 120 | 1 | RCA | 20 | 18R | 2.5 | .050 | .120 | A | 100J | | 10.000 | B | 12UA | 15 | 100 | .001 |
| | 40360 | NS 210 | 5 | RCA | | 70 | 4.0 | .700 | 1.000 | A | 200J | | 100.000 | G | 1UA | 60 | 90 | .010 |
| | 40361 | NS 210 | 5 | RCA | | 70R | 4.0 | .700 | 1.000 | A | 200J | | 100.000 | G | 1UA | 60 | 160 | .050 |
| | 40362 | PS 210 | 5 | RCA | | 70R | 4.0 | .700 | 1.000 | A | 200J | | 100.000 | G | 1UA | 60 | 90 | .050 |
| | 40363 | NS 605 | 3 | RCA | | 70R | 4.0 | 15.000 | 115.000 | C | 200J | | .700 | G | 500UA | 60 | 38 | 4.000 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ $I_C$(A) | |
| | 40364 | NS 605 | 66 | RCA | | 60R | 4.0 | 7.000 | 35.000 | C | 200J | | 15.000 | G | 500UA 50 | | 80 | .500 |
| | 40366 | NS 211 | 5 | RCA | 120 | 65 | 7.0 | 1.000 | 1.000 | A | 200J | | AUD | | 2NA 60 | | 70 | .150 |
| | 40367 | NS 211 | 5 | RCA | 100 | 55 | 12.0 | 1.500 | 1.000 | A | 200J | | LS SW | | 4UA 30 | | 60 | .200 |
| | 40368 | NS 170 | 8 | RCA | 100 | 55 | 12.0 | 3.000 | 25.000 | C | 200J | | AUD | | 9UA 30 | | 60 | .750 |
| | 40369 | NS 605 | 3 | RCA | 100 | 55 | 10.0 | 6.000 | 75.000 | C | 200J | | AUD | | 10UA 30 | | 44 | 1.500 |
| | 40372 | NS 720 A | | RCA | 90 | 55 | 7.0 | 4.000 | 5.800 | A | 200J | | .800 | G | 1MA 90 | | 50 | .500 |
| | 40373 | NS 720 A | | RCA | 160 | 140 | 7.0 | 3.000 | 5.800 | A | 200J | | .800 | G | 1MA 140 | | 40 | .500 |
| | 40374 | NS 720 A | | RCA | 250 | 175 | 6.0 | 2.000 | 5.800 | A | 200J | | 15.000 | G | 10MA 150 | | 20 | 1.000 |
| | 40375 | NS 720 A | | RCA | 120 | 50 | 7.0 | 7.000 | 5.800 | A | 200J | | 4.000 | G | 5MA 40 | | 100 | .500 |
| | 40385 | NS 211 | 5 | RCA | 450 | 350 | 7.0 | 1.000 | 1.000 | A | 200J | | AUD | | 20UA 300 | | 80 | .020 |
| | 40389 | NS 722 A | | RCA | 60 | 40 | 5.0 | .700 | 3.500 | A | 200J | | .800 | G | 250NA 30 | | 112 | .150 |
| | 40390 | NS 722 A | | RCA | 300 | 250 | 7.0 | 1.000 | 3.500 | A | 200J | | 8.666 | G | 50UA 200 | | 80 | .020 |
| | 40391 | PS 722 A | | RCA | 60 | 40 | 7.0 | 1.000 | 3.500 | A | 200J | | 60.000 | G | 250NA 60 | | 112 | .150 |
| | 40392 | NS 635 B | | RCA | 60 | 40 | 5.0 | .700 | 7.000 | C | 200J | | .800 | G | 250NA 30 | | 112 | .150 |
| | 40394 | PS 635 B | | RCA | 60 | 40 | 7.0 | 1.000 | 7.000 | C | 200J | | 60.000 | G | 250NA 60 | | 112 | .150 |
| | 40395 | PG 120 | 1 | RCA | 20 | 18R | 20.0 | .050 | .120 | A | 100J | | 10.000 | G | 12UA 20 | | | |
| | 40397 | NS 211 L | | RCA | | 25 | 7.5 | .200 | .400 | A | 175J | | 50.000 | G | 100NA 25 | | 246 | .100 |
| | 40398 | NS 211 L | | RCA | | 25 | 7.5 | .200 | .400 | A | 175J | | 50.000 | G | 100NA 25 | | 140 | .100 |
| | 40399 | NS 211 L | | RCA | | 18 | 7.0 | .200 | .400 | A | 175J | | 50.000 | G | 500NA 12 | | 246 | .100 |
| | 40400 | NS 211 L | | RCA | | 18 | 7.0 | .200 | .400 | A | 175J | | 50.000 | G | 500NA 12 | | 140 | .100 |
| -40403 | | PG 212 | 5 | RCA | 30 | 20 | 20.0 | .200 | .200 | A | 85J | | 5.000 | B | 6UA 20 | | 68 | .010 |
| -40404 | | NS 211 | 52 | RCA | 40 | 16 | 5.0 | .500 | .300 | A | 175J | | 310.000 | G | 25NA 20 | | 40 | .050 |
| | 40405 | NS 211 | 52 | RCA | 40 | 16 | 6.0 | .500 | .300 | A | 175J | | 300.000 | G | 400NA 15 | | 40 | .100 |
| | 40406 | PS 211 | 5 | RCA | | 50 | 4.0 | .700 | 1.000 | A | 200J | | 100.000 | G | 1UA 40 | | 80 | .001 |
| | 40407 | NS 211 | 5 | RCA | | 50 | 4.0 | .700 | 1.000 | A | 200J | | 100.000 | G | 1UA 40 | | 90 | .001 |
| | 40408 | NS 211 | 5 | RCA | | 90 | 4.0 | .700 | 1.000 | A | 200J | | 100.000 | G | 1UA 80 | | 90 | .010 |
| | 40409 | NS 722 A | | RCA | | 90R | 4.0 | .700 | 3.000 | A | 200J | | 100.000 | G | 1UA 80 | | 112 | .150 |
| | 40410 | PS 722 A | | RCA | | 90R | 4.0 | .700 | 3.000 | A | 200J | | 100.000 | G | 1UA 80 | | 112 | .150 |
| | 40411 | NS 605 | 3 | RCA | | 90R | 4.0 | 30.000 | 150.000 | A | 200J | | 800.000 | G | 500UA 80 | | 60 | 4.000 |
| | 40412 | NS 211 | 5 | RCA | | 250R | | 1.000 | 1.000 | A | 200J | | 10.000 | G | 1MA 100 | | 80 | .030 |
| | 40412V1 | NS 722 A | | RCA | | 250R | | 1.000 | 4.000 | A | 200J | | 10.000 | G | 1MA 100 | | 80 | .030 |
| | 40412V2 | NS 635 B | | RCA | | 250R | | 1.000 | 10.000 | C | 200J | | 10.000 | G | 1MA 100 | | 80 | .030 |
| | 40413 | NS 217 | 72 | RCA | 35 | 20 | 3.0 | | .200 | A | 200J | | 700.000 | G | 10NA 15 | | 83 | .002 |
| | 40414 | NS 217 | 72 | RCA | 30 | 15 | 2.5 | | .200 | A | 200J | | 1000.000 | G | 10NA 15 | | 58 | .003 |
| | 40421 | PG 605 | 3 | RCA | 75 | 50 | 1.5 | 5.000 | 12.500 | C | 100J | | 2.000 | G | 1MA 40 | | 100 | 1.000 |
| -40422 | | NS 605 | 66 | RCA | 300 | 300X | 2.0 | .150 | 8.000 | C | 150J | | 25.000 | G | 100UA 300 | | 80 | .050 |
| -40423 | | NS 720 B | | RCA | 300 | 300X | 2.0 | .150 | 3.800 | A | 150J | | 25.000 | G | 100UA 300 | | 80 | .050 |
| -40424 | | NS 605 | 66 | RCA | 300 | 300X | 2.0 | .150 | 8.000 | C | 150J | | 25.000 | G | 100UA 300 | | 60 | .050 |
| -40425 | | NS 720 B | | RCA | 300 | 300X | 2.0 | .150 | 3.800 | A | 150J | | 25.000 | G | 100UA 300 | | 60 | .050 |
| -40426 | | NS 605 | 66 | RCA | 300 | 300X | 2.0 | .150 | 8.000 | C | 150J | | 25.000 | G | 100UA 300 | | 35 | .050 |
| -40427 | | NS 720 B | | RCA | 300 | 300X | 2.0 | .150 | 3.800 | A | 150J | | 25.000 | G | 100UA 300 | | 35 | .050 |
| | 40439 | PG 605 | 3 | RCA | 320 | | 2.0 | 10.000 | 5.000 | C | 85J | | HOR AMP | | 200UA 10 | | | |
| | 40440 | PG 605 | 3 | RCA | 200 | | 2.0 | 10.000 | 5.000 | C | 85J | | HOR AMP | | 200UA 10 | | | |
| -40444 | | NS 605 | 3 | RCA | 120 | 60 | 7.0 | 20.000 | 140.000 | C | 200J | | 60.000 | G | 20MA 40 | | 68 | 2.000 |
| | 40446 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 40450 | NS 211 M | | RCA | 30 | 25 | 7.5 | | 1.000 | A | 175J | | 175.000 | G | 100NA 25 | | 150 | .010 |
| | 40451 | NS 211 M | | RCA | 40 | 40 | 8.0 | | 1.000 | A | 175J | | 175.000 | G | 10NA 25 | | 200 | .010 |
| | 40452 | NS 211 M | | RCA | | 40 | 8.0 | .300 | 1.000 | A | 175J | | 50.000 | G | 10NA 25 | | 150 | .010 |
| | 40453 | NS 211 M | | RCA | | 25 | 7.5 | .200 | 1.000 | A | 175J | | 50.000 | G | 100NA 25 | | 300 | .010 |
| -40454 | | NS 211 M | | RCA | | 25 | 7.5 | .200 | 1.000 | A | 175J | | 50.000 | G | 100NA 25 | | 150 | .010 |
| -40455 | | NS 211 M | | RCA | | 18 | 7.0 | .200 | 1.000 | A | 175J | | 50.000 | G | 500NA 12 | | 300 | .010 |
| | 40456 | NS 211 M | | RCA | | 18 | 7.0 | .200 | 1.000 | A | 175J | | 50.000 | G | 500NA 12 | | 150 | .010 |
| | 40458 | NS 211 | 104 | RCA | 60 | 40 | 8.0 | 1.000 | .500 | A | 175J | | 150.000 | G | 10NA 25 | | 150 | .010 |
| | 40459 | NS 211 M | | RCA | 60 | 40 | 8.0 | 1.000 | 1.000 | A | 175J | | 150.000 | G | 10NA 25 | | 150 | .010 |
| | 40462 | PG 605 | 3 | RCA | 40 | 40 | 5.0 | 5.000 | 12.500 | C | 100J | | .600 | G | 500UA 30 | | 90 | 1.000 |
| -40464 | | NS 605 | 3 | RCA | 35 | 35 | 4.0 | 5.000 | 40.000 | C | 150J | | 2.000 | G | 250UA 35 | | 60 | 2.000 |
| -40465 | | NS 605 | 3 | RCA | 40 | 40 | 4.0 | 5.000 | 40.000 | C | 150J | | 3.000 | G | 100UA 40 | | 90 | 2.000 |
| -40466 | | NS 605 | 3 | RCA | 50 | 50 | 4.0 | 5.000 | 40.000 | C | 150J | | 3.000 | G | 100UA 50 | | 90 | 2.000 |
| -40469 | | NS 218 | 104 | RCA | 45 | | 3.0 | .050 | .180 | A | 175J | | 800.000 | G | 1UA 45 | | 80 | .001 |
| -40470 | | NS 218 | 104 | RCA | 45 | | 3.0 | .050 | .180 | A | 175J | | 700.000 | G | 1UA 45 | | 80 | .001 |
| -40471 | | NS 218 | 104 | RCA | 45 | | 3.0 | .050 | .180 | A | 175J | | 700.000 | G | 1UA 45 | | 52 | .001 |
| | 40472 | NS 218 | 104 | RCA | 45 | | 3.0 | .050 | .180 | A | 175J | | 900.000 | G | 1UA 45 | | 80 | .001 |
| -40473 | | NS 218 | 104 | RCA | 45 | | 3.0 | .050 | .180 | A | 175J | | 900.000 | G | 1UA 45 | | 100 | .001 |
| | 40474 | NS 218 | 104 | RCA | 45 | | 3.0 | .050 | .180 | A | 175J | | 900.000 | G | 1UA 45 | | 96 | .001 |
| -40475 | | NS 218 | 104 | RCA | 45 | | 3.0 | .050 | .180 | A | 175J | | 800.000 | G | 1UA 45 | | 80 | .001 |
| -40476 | | NS 218 | 104 | RCA | 45 | | 3.0 | .050 | .180 | A | 175J | | 800.000 | G | 1UA 45 | | 52 | .001 |
| | 40477 | NS 218 | 104 | RCA | 45 | | 3.0 | .050 | .180 | A | 175J | | 800.000 | G | 1UA 45 | | 96 | .001 |
| | 40478 | NS 218 | 104 | RCA | 45 | | 3.0 | .050 | .180 | A | 175J | | 800.000 | G | 1UA 45 | | 80 | .001 |
| -40479 | | NS 218 | 104 | RCA | 45 | | 3.0 | .050 | .180 | A | 175J | | 800.000 | G | 1UA 45 | | 80 | .001 |
| | 40480 | NS 218 | 104 | RCA | 45 | | 3.0 | .050 | .180 | A | 175J | | 800.000 | G | 1UA 45 | | 96 | .001 |
| -40481 | | NS 218 | 104 | RCA | 45 | | 3.0 | .050 | .180 | A | 175J | | 860.000 | G | 1UA 45 | | 140 | .001 |
| -40482 | | NS 218 | 104 | RCA | 45 | | 3.0 | .050 | .180 | A | 175J | | 860.000 | G | 1UA 45 | | 48 | .001 |
| | 40487 | PG 120 | 1 | RCA | 50 | 34X | 1.5 | .010 | .080 | A | 85J | | 40.000 | G | 12UA 12 | | 150 | .001 |
| | 40488 | PG 120 | 1 | RCA | 12 | 12X | .5 | .010 | .080 | A | 85J | | 30.000 | G | 12UA 12 | | 80 | .001 |
| | 40489 | PG 120 | 1 | RCA | 50 | 34X | .5 | .010 | .080 | A | 85J | | 30.000 | G | 12UA 12 | | 180 | .001 |
| | 40490 | PG 120 | 1 | RCA | 20 | 18R | 2.5 | .020 | .120 | A | 100J | | 10.000 | B | 12UA 20 | | 300 | .001 |
| -40491 | | NS 720 B | | RCA | 300 | 300 | 2.0 | .150 | 3.800 | A | 150J | | 25.000 | G | 100UA 300 | | 60 | .050 |
| | 40513 | NS 981 A | | RCA | | 45R | 5.0 | 6.000 | 83.000 | C | 150J | | 1.800 | G | | | 45 | 2.500 |
| | 40514 | NS 981 A | | RCA | | 45R | 5.0 | 6.000 | 83.000 | C | 150J | | 1.800 | G | | | 45 | 2.500 |
| -40517 | | NS 217 | 72 | RCA | 30 | 15 | 2.5 | .040 | .200 | A | 200J | | 1000.000 | G | 10NA 15 | | 66 | .003 |
| -40518 | | NS 217 | 72 | RCA | 30 | 15 | 2.5 | .040 | .200 | A | 200J | | 1000.000 | G | 10NA 15 | | 66 | .003 |
| | 40519 | NS 211 | 52 | RCA | | 16 | 5.0 | .500 | .300 | A | 175J | | 300.000 | G | 25NA 20 | | 40 | .050 |
| | 40537 | PS 211 | 5 | RCA | | 55R | 5.0 | .700 | 1.000 | A | 200J | | 100.000 | G | 10UA 45 | | 125 | .050 |
| | 40538 | PS 211 | 5 | RCA | | 55R | 5.0 | .700 | 1.000 | A | 200J | | 100.000 | G | 10UA 45 | | 37 | .500 |
| | 40539 | NS 211 | 5 | RCA | | 55R | 5.0 | .700 | 1.000 | A | 200J | | 100.000 | G | 10UA 45 | | 37 | .500 |
| | 40542 | NS 980 A | | RCA | | 50R | 5.0 | 6.000 | 83.000 | C | 150J | | .800 | G | 1MA 40 | | 38 | 2.500 |
| | 40543 | NS 980 A | | RCA | | 60R | 5.0 | 8.000 | 83.000 | C | 150J | | .800 | G | 1MA 50 | | 38 | 3.000 |
| | 40544 | NS 635 B | | RCA | | 50R | 5.0 | .700 | 7.000 | C | 200J | | 100.000 | G | 10UA 40 | | 85 | .050 |
| -40546 | | NS 605 | 66 | RCA | | 250X | 2.0 | .150 | 8.000 | H | 150J | | 25.000 | G | 100UA 250 | | 88 | .050 |
| -40547 | | NS 605 | 66 | RCA | | 250X | 2.0 | .150 | 8.000 | H | 150J | | 25.000 | G | 100UA 250 | | 82 | .050 |
| | 40577 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 40578 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 40581 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 40582 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 40594 | NS 211 | 5 | RCA | | 95R | 4.0 | 2.000 | 1.200 | A | 200J | | 50.000 | G | 10UA 85 | | 158 | .300 |
| | 40595 | PS 211 | 5 | RCA | | 95R | 4.0 | 2.000 | 1.200 | A | 200J | | 50.000 | G | 10UA 85 | | 158 | .300 |
| | 40605 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 40608 | NS 211 | 39 | RCA | 40 | 40R | 2.0 | .400 | 3.500 | C | 200J | | 700.000 | G | 100UA 20 | | 65 | .050 |
| | 40611 | NS 211 | 5 | RCA | | 25 | 2.5 | .700 | 1.000 | A | 200J | | 50.000 | G | 500NA 15 | | 195 | .050 |
| | 40612 | PG 605 | 3 | RCA | | 25R | 5.0 | 5.000 | 12.500 | C | 100J | | .300 | G | 3UA 30 | | 68 | 1.000 |
| | 40613 | NS 53 A | | RCA | | 25 | 5.0 | 4.000 | 36.000 | C | 150J | | .800 | G | 2UA 25 | | 60 | 1.000 |
| | 40616 | NS 211 | 5 | RCA | | 32 | 2.5 | .700 | 1.000 | A | 200J | | 50.000 | G | 500NA 15 | | 195 | .050 |
| | 40618 | NS 53 A | | RCA | | 30 | 5.0 | 4.000 | 36.000 | C | 150J | | .800 | G | 2UA 30 | | 60 | 1.000 |
| | 40621 | NS 53 A | | RCA | | 32 | 5.0 | 4.000 | 36.000 | C | 150J | | .800 | G | 500NA 30 | | 50 | 1.500 |
| | 40622 | NS 53 A | | RCA | | 40 | 5.0 | 4.000 | 36.000 | C | 150J | | .800 | G | 500UA 40 | | 50 | 1.500 |
| | 40623 | PG 605 | 3 | RCA | | 45R | 5.0 | 5.000 | 12.500 | C | 100J | | .500 | G | 500UA 30 | | 92 | 1.000 |
| | 40624 | NS 53 A | | RCA | | 45 | 5.0 | 6.000 | 50.000 | C | 150J | | AUD | | 500UA 45 | | 45 | 2.500 |
| | 40625 | NS 722 B | | RCA | 60 | 45 | 7.0 | 1.000 | 3.500 | A | 200J | | 70.000 | G | 250NA 60 | | 175 | .150 |
| | 40626 | PG 605 | 3 | RCA | | 55R | 5.0 | 5.000 | 12.500 | C | 100J | | .500 | G | 500UA 30 | | 92 | 1.000 |
| | 40627 | NS 53 A | | RCA | | 55K | | 6.000 | 50.000 | C | 150J | | AUD | | 500UA 55 | | 45 | 2.500 |
| | 40628 | NS 722 B | | RCA | 60 | 55 | 7.0 | 1.000 | 3.500 | A | 200J | | 70.000 | G | 250NA 60 | | 175 | .150 |
| | 40629 | NS 53 A | | RCA | | 35R | 5.0 | 4.000 | 36.000 | C | 150J | | .800 | G | 500UA 30 | | 38 | 1.000 |
| | 40630 | NS 53 A | | RCA | | 40R | 5.0 | 4.000 | 36.000 | C | 150J | | .800 | G | 500UA 35 | | 38 | 1.500 |
| | 40631 | NS 53 A | | RCA | | 45R | 5.0 | 4.000 | 36.000 | C | 150J | | .800 | G | 500UA 40 | | 38 | 2.000 |
| | 40632 | NS 53 A | | RCA | | 60R | 5.0 | 6.000 | 50.000 | C | 150J | | AUD | | 500UA 50 | | 38 | 3.000 |
| | 40633 | NS 980 A | | RCA | | 75R | 5.0 | 8.000 | 83.000 | C | 200J | | .800 | G | 500UA 65 | | 38 | 4.000 |
| | 40634 | PS 211 | 5 | RCA | | 75R | 7.0 | .700 | 1.000 | A | 200J | | 60.000 | G | 10UA 65 | | 112 | .150 |
| | 40635 | NS 211 | 5 | RCA | | 75R | 7.0 | .700 | 1.000 | A | 200J | | 100.000 | G | 10UA 65 | | 112 | .150 |
| | 40636 | NS 605 | 3 | RCA | | 95R | 7.0 | 15.000 | 115.000 | C | 200J | | AUD | | 500UA 85 | | 38 | 4.000 |
| | 40637 | NS 211 | 52 | RCA | | 30S | 5.0 | .100 | .300 | A | 175J | | 100.000 | G | | | | |
| | 40665 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 40666 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | 95101 | | | SEE 2N1526 | | | | | | | | | | | | | | |
| | 95102 | | | SEE 2N1524 | | | | | | | | | | | | | | |
| | 95103 | | | SEE 2N1524 | | | | | | | | | | | | | | |
| | 95107 | | | SEE 2N1526 | | | | | | | | | | | | | | |
| | 95108 | | | SEE 2N1745 | | | | | | | | | | | | | | |
| | 95109 | | | SEE 2N501 | | | | | | | | | | | | | | |
| | 95110 | | | SEE 2N501 | | | | | | | | | | | | | | |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | | $I_{CBO}$ @ $V_{CB}$ | $h_{FE}$ @ | $I_C$(A) |
| | 95111 | | | SEE 2N1865 | | | | | | | | | | | | |
| | 95112 | | | SEE 2N2711 | | | | | | | | | | | | |
| | 95113 | | | SEE 2N2712 | | | | | | | | | | | | |
| | 95114 | | | SEE 2N193 | | | | | | | | | | | | |
| | 95115 | | | SEE 2N211 | | | | | | | | | | | | |
| | 95116 | | | SEE 2N769 | | | | | | | | | | | | |
| | 95117 | | | SEE 2N769 | | | | | | | | | | | | |
| | 95201 | | | SEE 2N406 | | | | | | | | | | | | |
| | 95202 | | | SEE 2N649 | | | | | | | | | | | | |
| | 95203 | | | SEE 2N408 | | | | | | | | | | | | |
| | 95204 | | | SEE 2N270 | | | | | | | | | | | | |
| | 95208 | | | SEE 2N2374 | | | | | | | | | | | | |
| | 95209 | | | SEE 2N2376 | | | | | | | | | | | | |
| | 95212 | | | SEE 2N321 | | | | | | | | | | | | |
| | 95214 | | | SEE 2N406 | | | | | | | | | | | | |
| | 99101 | | | SEE 2SA84 | | | | | | | | | | | | |
| | 99102 | | | SEE 2SA83 | | | | | | | | | | | | |
| | 99103 | | | SEE 2SA83 | | | | | | | | | | | | |
| | 99104 | | | SEE 2SA15 | | | | | | | | | | | | |
| | 99201 | | | SEE 2SB75 | | | | | | | | | | | | |
| | 99203 | | | SEE 2SB77 | | | | | | | | | | | | |
| | 99204 | | | SEE 2SB89 | | | | | | | | | | | | |
| | 406371 | | | RCA | | | | | | | 200J | | | | | |
| | A3T2221 | NS 926 | 120 | TII | 60 | 30 | 5.0 | .500 | .225 | A | 150S | | 250.000 | G | 10NA 50 | 70 .150 |
| | A3T2221A | NS 926 | 120 | TII | 75 | 40 | 6.0 | .500 | .225 | A | 150S | | 250.000 | G | 10NA 60 | 70 .150 |
| | A3T2222 | NS 926 | 120 | TII | 60 | 30 | 5.0 | .500 | .225 | A | 150S | | 250.000 | G | 10NA 50 | 175 .150 |
| | A3T2222A | NS 926 | 120 | TII | 75 | 40 | 6.0 | .500 | .225 | A | 150S | | 300.000 | G | 10NA 60 | 175 .150 |
| | A3T2484 | NS 926 | 120 | TII | 60 | 60 | 6.0 | .050 | .225 | A | 150S | | 60.000 | G | 10NA 45 | 225 .001 |
| | A3T2894 | PS 926 | 120 | TII | 12 | 12 | 4.0 | .200 | .225 | A | 150S | | 400.000 | G | 80NA 6 | 68 .030 |
| | A3T2906 | PS 926 | 120 | TII | 60 | 40 | 5.0 | .500 | .225 | A | 150S | | 200.000 | G | 50NA 30 | 70 .150 |
| | A3T2906A | PS 926 | 120 | TII | 60 | 60 | 5.0 | .500 | .225 | A | 150S | | 200.000 | G | 50NA 30 | 70 .150 |
| | A3T2907 | PS 926 | 120 | TII | 60 | 40 | 5.0 | .500 | .225 | A | 150S | | 200.000 | G | 50NA 30 | 175 .150 |
| | A3T2907A | PS 926 | 120 | TII | 60 | 60 | 5.0 | .500 | .225 | A | 150S | | 200.000 | G | 50NA 30 | 175 .150 |
| | A3T3011 | NS 926 | 120 | TII | 30 | 30 | 5.0 | .200 | .225 | A | 150S | | 400.000 | G | 400NA 20 | 60 .010 |
| | A3T918 | NS 926 | 120 | TII | 30 | 15 | 3.0 | .050 | .225 | A | 150S | | 600.000 | G | 10NA 15 | 30 .003 |
| | A3T929 | NS 926 | 120 | TII | 45 | 45 | 6.0 | .050 | .225 | A | 150S | | 30.000 | G | 10NA 45 | 70 .001 |
| | A3T930 | NS 926 | 120 | TII | 45 | 45 | 6.0 | .050 | .225 | A | 150S | | 30.000 | G | 10NA 45 | 175 .001 |
| - | A104 | NS 211 | 18 | AMP | 20 | | 4.0 | .030 | .300 | A | | | 30.000 | G | 100NA | 100 |
| - | A106 | NS 211 | 18 | AMP | 20 | | 4.0 | .030 | .300 | A | | | 30.000 | G | 100NA | 90 |
| - | A108 | NS 211 | 18 | AMP | 20 | | 4.0 | .030 | .300 | A | | | 30.000 | G | 100NA | 180 |
| - | A110 | NS 211 | 18 | AMP | 20 | | 4.0 | .030 | .300 | A | | | 30.000 | G | 100NA | 360 |
| - | A111 | NS 211 | 18 | AMP | 30 | | 4.0 | .030 | .300 | A | | | 30.000 | G | 100NA | 180 |
| - | A115 | NS 211 | 18 | AMP | 30 | | 4.0 | .030 | .300 | A | | | 30.000 | G | 110NA | 50 |
| - | A116 | NS 211 | 18 | AMP | 30 | | 4.0 | .030 | .300 | A | | | 30.000 | G | 100NA | 110 |
| - | A130 | NS 211 | 5 | AMP | 90 | | 4.0 | | .300 | A | | | 20.000 | G | 500NA | 20 |
| | A141 | NS 43 A | | AMP | 20 | | | .050 | .030 | A | | | 150.000 | G | | 130 .001 |
| | A142 | NS 43 A | | AMP | 20 | | | .050 | .030 | A | | | 150.000 | G | | 220 .001 |
| | A143 | NS 43 A | | AMP | 20 | | | .050 | .030 | A | | | 150.000 | G | | 380 .001 |
| | A151 | NS 133 A | | AMP | 20 | | | .050 | .030 | A | | | 150.000 | G | | 130 .001 |
| | A152 | NS 133 A | | AMP | 20 | | | .050 | .030 | A | | | 150.000 | G | | 220 .001 |
| | A153 | NS 133 A | | AMP | 20 | | | .050 | .030 | A | | | 150.000 | G | | 380 .001 |
| | A157B | NS 210 | 18 | AMP | 45 | | 5.0 | .100 | .300 | A | | | 300.000 | G | | 300 .002 |
| | A157C | NS 210 | 18 | AMP | 45 | | 5.0 | .100 | | A | | | 300.000 | G | | 600 .002 |
| | A158B | NS 210 | 18 | AMP | 20 | | 5.0 | .100 | .300 | A | | | 300.000 | G | | 300 .002 |
| | A158C | NS 210 | 18 | AMP | 20 | | 5.0 | .100 | .300 | A | | | 300.000 | G | | 600 .002 |
| | A159B | NS 210 | 18 | AMP | 20 | | 5.0 | .100 | .300 | A | | | 300.000 | G | | 300 .002 |
| | A159C | NS 210 | 18 | AMP | 20 | | 5.0 | .100 | .300 | A | | | 300.000 | G | | 600 .002 |
| | A177 | PS 210 | 18 | AMP | 50 | | 5.0 | .200 | .300 | A | | | 130.000 | G | | 140 .002 |
| | A178A | PS 210 | 18 | AMP | | 25 | 5.0 | .100 | .300 | A | | | 130.000 | G | | 180 .002 |
| | A178B | PS 210 | 18 | AMP | | 25 | 5.0 | .100 | .300 | A | | | 130.000 | G | | 180 .002 |
| | A179A | PS 210 | 18 | AMP | | 25 | 5.0 | .100 | .300 | A | | | 130.000 | G | | 180 .002 |
| | A179B | PS 210 | 18 | AMP | | 25 | 5.0 | .100 | | A | | | 130.000 | G | | 290 .002 |
| | A201 | NS 540 | 60 | AMP | 36 | | | 1.500 | 11.600 | A | | | 400.000 | G | | 3 |
| | A202 | NS 540 | 60 | AMP | 36 | | | 3.000 | 23.200 | A | | | 400.000 | G | | 3 |
| | A210 | NS 210 | 39 | AMP | 40 | | | .200 | .700 | A | | | 1200.000 | G | | 38 .150 |
| | A211 | NS 210 | 39 | AMP | 40 | | | .200 | .700 | A | | | 800.000 | G | | 38 .150 |
| - | A306 | NS 210 | 18 | AMP | 25 | 20 | 5.0 | | .360 | A | 200J | | 100.000 | G | 10NA 15 | 140 |
| - | A307 | NS 210 | 18 | AMP | 25 | 20 | 5.0 | | .360 | A | 200J | | 100.000 | G | 10NA 15 | 350 |
| - | A310 | NS 211 | 5 | AMP | 135 | | 3.0 | | .300 | A | | | 80.000 | G | 500NA | 20 |
| - | A311 | NS 211 | 5 | AMP | 80 | | 3.0 | | .300 | A | | | 60.000 | G | 500NA | 20 |
| | A321 | NS 211 | 18 | AMP | 30 | | 5.0 | .030 | .300 | A | | | 30.000 | G | 100NA 30 | 80 .001 |
| | A322 | NS 211 | 18 | AMP | 30 | | 5.0 | .030 | .300 | A | | | 30.000 | G | 100NA 30 | 300 .001 |
| - | A323 | NS 211 | 18 | AMP | 60 | | 6.0 | .030 | .300 | A | 175J | | 30.000 | G | 10NA 45 | 270 .010 |
| - | A324 | NS 211 | 18 | AMP | 60 | | 6.0 | .030 | .300 | A | 175J | | 30.000 | G | 10NA 45 | 450 .010 |
| - | A344 | NS 210 | 18 | AMP | 20 | 15 | 5.0 | .200 | .300 | A | 175J | | 350.000 | G | 100NA 20 | 32 .100 |
| - | A345 | NS 210 | 18 | AMP | 20 | 15 | 5.0 | .200 | .300 | A | 175J | | 350.000 | G | 100NA 20 | 26 .100 |
| - | A346 | NS 210 | 18 | AMP | 20 | 15 | 5.0 | .200 | .300 | A | 175J | | 350.000 | G | 100NA 20 | 38 .100 |
| | A415 | NS 218 | 72 | AMP | 50 | 10 | | .030 | .165 | A | | | 200.000 | G | | 10 .001 |
| | A417 | NS 218 | 72 | AMP | | 20 | 5.0 | .030 | .145 | A | | | 250.000 | G | | 22 |
| | A418 | NS 218 | 72 | AMP | | 20 | 5.0 | .030 | .145 | A | | | 200.000 | G | | 22 |
| | A419 | NS 218 | 72 | AMP | | 20 | 5.0 | .030 | .145 | A | | | 200.000 | G | | 90 |
| | A420 | NS 218 | 72 | AMP | | 20 | 5.0 | .030 | .145 | A | | | 200.000 | G | | 112 |
| | A430 | NS 217 | 72 | AMP | | 10 | 2.5 | .050 | .250 | A | | | 1600.000 | G | | 12 |
| | A467 | NS 218 | 72 | AMP | | 40 | | .030 | .150 | A | | | 235.000 | G | | 80 |
| | A473 | NS 218 | 72 | AMP | | 40 | | .035 | .230 | A | | | 550.000 | G | | 100 |
| | A482 | NS 218 | 72 | AMP | | 10 | | .015 | .130 | A | | | 675.000 | G | | |
| | A483 | NS 218 | 72 | AMP | | 10 | | .015 | .130 | A | | | 600.000 | G | | |
| | A484 | NS 218 | 72 | AMP | | | | .020 | .130 | A | | | 550.000 | G | | |
| | A485 | NS 217 | 72 | AMP | 30 | | 2.5 | .030 | .200 | A | 200J | | 1000.000 | G | 10NA 15 | 63 .002 |
| | A490 | NS 217 | 72 | AMP | 30 | | 2.5 | .030 | .200 | A | 200J | | 1000.000 | G | 10NA 15 | 70 .015 |
| | A492 | NS 217 | 72 | AMP | 30 | | 2.5 | .030 | .200 | A | 200J | | 800.000 | G | 10NA 15 | 25 .002 |
| | A496 | NS 984 A | | AMP | | 30 | 4.0 | .025 | .250 | A | | | 400.000 | G | | |
| | A497 | NS 984 A | | AMP | | 25 | 4.0 | .025 | .250 | A | | | 550.000 | G | | |
| | A580-0402 | NS 605 | 3 | WHE | | 50X | 25.0 | 10.000 | 175.000 | C | 175J | | .250 | G | 10MA 50 | 22 2.000 |
| | A580-0403 | NS 605 | 3 | WHE | | 50X | 25.0 | 10.000 | 175.000 | C | 175J | | .250 | G | 10MA 50 | 22 3.000 |
| | A580-0405 | NS 605 | 3 | WHE | | 50X | 25.0 | 10.000 | 175.000 | C | 175J | | .250 | G | 10MA 50 | 22 5.000 |
| | A580-0802 | NS 605 | 3 | WHE | | 90X | 25.0 | 10.000 | 175.000 | C | 175J | | .250 | G | 10MA 90 | 22 2.000 |
| | A580-0803 | NS 605 | 3 | WHE | | 90X | 25.0 | 10.000 | 175.000 | C | 175J | | .250 | G | 10MA 90 | 22 3.000 |
| | A580-0805 | NS 605 | 3 | WHE | | 90X | 25.0 | 10.000 | 175.000 | C | 175J | | .250 | G | 10MA 90 | 22 5.000 |
| | A580-1202 | NS 605 | 3 | WHE | | 130X | 25.0 | 10.000 | 175.000 | C | 175J | | .250 | G | 10MA 130 | 22 2.000 |
| | A580-1203 | NS 605 | 3 | WHE | | 130X | 25.0 | 10.000 | 175.000 | C | 175J | | .250 | G | 10MA 130 | 22 3.000 |
| | A580-1205 | NS 605 | 3 | WHE | | 130X | 25.0 | 10.000 | 175.000 | C | 175J | | .250 | G | 10MA 130 | 22 5.000 |
| | A580-1602 | NS 605 | 3 | WHE | | 170X | 25.0 | 10.000 | 175.000 | C | 175J | | .250 | G | 10MA 170 | 22 2.000 |
| | A580-1603 | NS 605 | 3 | WHE | | 170X | 25.0 | 10.000 | 175.000 | C | 175J | | .250 | G | 10MA 170 | 22 3.000 |
| | A580-1605 | NS 605 | 3 | WHE | | 170X | 25.0 | 10.000 | 175.000 | C | 175J | | .250 | G | 10MA 170 | 22 5.000 |
| | A580-1802 | NS 605 | 3 | WHE | | 190X | 25.0 | 10.000 | 175.000 | C | 175J | | .250 | G | 10MA 190 | 22 2.000 |
| | A580-1803 | NS 605 | 3 | WHE | | 190X | 25.0 | 10.000 | 175.000 | C | 175J | | .250 | G | 10MA 190 | 22 3.000 |
| | A580-1805 | NS 605 | 3 | WHE | | 190X | 25.0 | 10.000 | 175.000 | C | 175J | | .250 | G | 10MA 190 | 22 5.000 |
| | A580-2002 | NS 605 | 3 | WHE | | 210X | 25.0 | 10.000 | 175.000 | C | 175J | | .250 | G | 10MA 210 | 22 2.000 |
| | A580-2003 | NS 605 | 3 | WHE | | 210X | 25.0 | 10.000 | 175.000 | C | 175J | | .250 | G | 10MA 210 | 22 3.000 |
| | A580-2005 | NS 605 | 3 | WHE | | 210X | 25.0 | 10.000 | 175.000 | C | 175J | | .250 | G | 10MA 210 | 22 5.000 |
| | A580-2202 | NS 605 | 3 | WHE | | 230X | 25.0 | 10.000 | 175.000 | C | 175J | | .250 | G | 10MA 230 | 22 2.000 |
| | A580-2203 | NS 605 | 3 | WHE | | 230X | 25.0 | 10.000 | 175.000 | C | 175J | | .250 | G | 10MA 230 | 22 3.000 |
| | A580-2205 | NS 605 | 3 | WHE | | 230X | 25.0 | 10.000 | 175.000 | C | 175J | | .250 | G | 10MA 230 | 22 5.000 |
| | A580-2402 | NS 605 | 3 | WHE | | 250X | 25.0 | 10.000 | 175.000 | C | 175J | | .250 | G | 10MA 250 | 22 2.000 |
| | A580-2403 | NS 605 | 3 | WHE | | 250X | 25.0 | 10.000 | 175.000 | C | 175J | | .250 | G | 10MA 250 | 22 3.000 |
| | A580-2405 | NS 605 | 3 | WHE | | 250X | 25.0 | 10.000 | 175.000 | C | 175J | | .250 | G | 10MA 250 | 22 5.000 |
| - | A667-GRN | NS 45 | 98 | GEC | 18 | 18 | 5.0 | .100 | .200 | A | 100J | | | | 500NA 18 | 350 |
| - | A667-ORG | NS 45 | 98 | GEC | 18 | 18 | 5.0 | .100 | .200 | A | 100J | | | | 500NA 18 | 136 |
| - | A667-RED | NS 45 | 98 | GEC | 18 | 18 | 5.0 | .100 | .200 | A | 100J | | | | 500NA 18 | 76 |
| - | A667-YEL | NS 45 | 98 | GEC | 18 | 18 | 5.0 | .100 | .200 | A | 100J | | | | 500NA 18 | 224 |
| - | A668-GRN | NS 45 | 98 | GEC | 18 | 18 | 5.0 | .100 | .200 | A | 100J | | | | 500NA 18 | 350 |
| - | A668-ORG | NS 45 | 98 | GEC | 18 | 18 | 5.0 | .100 | .200 | A | 100J | | | | 500NA 18 | 136 |
| - | A668-YEL | NS 45 | 98 | GEC | 18 | 18 | 5.0 | .100 | .200 | A | 100J | | | | 500NA 18 | 224 |
| - | A669-GRN | NS 45 | 98 | GEC | 18 | 18 | 5.0 | .100 | .200 | A | 100J | | | | 500NA 18 | 350 |
| - | A669-YEL | NS 45 | 98 | GEC | 18 | 18 | 5.0 | .100 | .200 | A | 100J | | | | 500NA 18 | 224 |
| | A747 | NS 985 A | | AMP | 45 | | 5.0 | .100 | .300 | A | | | 250.000 | G | | 250 .010 |
| | A748 | NS 985 A | | AMP | 20 | | 5.0 | .100 | .300 | A | | | 250.000 | G | | 10 .002 |
| | A749 | NS 985 A | | AMP | 20 | | 5.0 | .100 | .300 | A | | | 95.000 | G | | 300 .001 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Condition | Cutoff $I_{CBO}$ @ $V_{CB}$ | | Gain $h_{FE}$ @ $I_C$(A) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | | | | |
| | A757 | PS 985 A | | AMP | 50 | | 5.0 | .200 | .220 | A | | | 130.000 | G | | 140 | | |
| | A758 | PS 985 A | | AMP | | 25 | 5.0 | .100 | .220 | A | | | 130.000 | G | | 200 | | |
| | A759 | PS 985 A | | AMP | | 20 | 5.0 | .100 | .220 | A | | | 130.000 | G | | 200 | | |
| | A777 | NS 211 | 5 | AMP | 85 | | 5.0 | .050 | .600 | A | | | 120.000 | G | | 20 | | |
| | A778 | NS 211 | 5 | AMP | 145 | | 5.0 | .050 | .600 | A | | | 120.000 | G | | 20 | | |
| | A779 | NS 211 | 5 | AMP | 200 | | 5.0 | .050 | .600 | A | | | 120.000 | G | | 20 | | |
| - | A1238 | NS 210 | 18 | AMP | 30 | 20 | 5.0 | | .360 | A | 200J | | 50.000 | G | 20NA 30 | 200 | | |
| | A1243 | | | SEE 2N3399 | | | | | | | | | | | | | | |
| - | A1379 | NS 210 | 18 | AMP | 30 | 25 | 5.0 | .030 | .600 | A | 175J | | 20.000 | G | 10NA 5 | 60 | | |
| - | A1380 | NS 210 | 18 | AMP | 30 | 25 | 5.0 | .030 | .600 | A | 175J | | 20.000 | G | 10NA 5 | 200 | | |
| | A1383 | PG 217 | 12 | AMP | 32 | 15 | 1.2 | .030 | .120 | A | 100J | | 40.000 | G | 3UA 10 | 100 | .001 | |
| - | A1384 | PG 210 | 39 | AMP | 32 | 32 | | .030 | .120 | A | 90J | | 80.000 | G | 3UA 10 | 70 | .001 | |
| | AA1 | PG 120 | 1 | WTV | | | | | | | | | CON | | | | | |
| | AA2 | NS 210 | 5 | WTV | | | | | | | | | CON | | | | | |
| | AA3 | PG 75 | 7 | WTV | | | | | | | | | RF AMP | | | | | |
| | AA4 | PG 605 | 3 | WTV | | | | | | | | | AUD | | | | | |
| | AA5 | PG 405 | 39 | WTV | | | | | | | | | AUD | | | | | |
| | AC105 | | | SEE AC117 | | | | | | | | | | | | | | |
| | AC106 | | | SEE AC117 | | | | | | | | | | | | | | |
| | AC107 | PG 55 A | | AMP,RAD | 15 | 5 | 5.0 | .005 | .080 | A | 75J | | 2.000 | B | 3UA 5 | 60 | | |
| | AC116 | PG 210 D | | TFK | 30 | 18 | 12.0 | .100 | .225 | C | 90J | | .015 | B | 4UA 6 | 85 | | |
| | AC117 | PG 210 D | | TFK | 32 | 18 | 10.0 | 2.000 | 1.100 | C | 90J | | .010 | B | 6UA 6 | 120 | .050 | |
| | AC121 | PG 120 | 1 | SIH | 20 | 20 | 10.0 | .300 | .900 | A | 90J | | 1.500 | G | 25UA 20 | 92 | .100 | |
| | AC122-GRN | PG 210 C | | TFK | 30 | 18 | 12.0 | .200 | .090 | A | 90J | | .015 | B | 5UA 6 | 114 | .002 | |
| | AC122-RED | PG 210 C | | TFK | 30 | 18 | 12.0 | .200 | .090 | A | 90J | | .015 | B | 5UA 6 | 52 | .002 | |
| | AC122-VIO | PG 210 C | | TFK | 30 | 18 | 12.0 | .200 | .090 | A | 90J | | .015 | B | 5UA 6 | 166 | .002 | |
| | AC122-WHT | PG 210 C | | TFK | 30 | 18 | 12.0 | .200 | .090 | A | 90J | | .015 | B | 5UA 6 | 230 | .002 | |
| | AC122-YEL | PG 210 C | | TFK | 30 | 18 | 12.0 | .200 | .090 | A | 90J | | .015 | B | 5UA 6 | 76 | .002 | |
| | AC122/30-GRN | PG 210 C | | TFK | 45 | 32 | 12.0 | .200 | .090 | A | 90J | | .015 | B | 5UA 6 | 114 | .002 | |
| | AC122/30-RED | PG 210 C | | TFK | 45 | 32 | 12.0 | .200 | .090 | A | 90J | | .015 | B | 5UA 6 | 52 | .002 | |
| | AC122/30-VIO | PG 210 C | | TFK | 45 | 32 | 12.0 | .200 | .090 | A | 90J | | .015 | B | 5UA 6 | 166 | .002 | |
| | AC122/30-WHT | PG 210 C | | TFK | 45 | 32 | 12.0 | .200 | .090 | A | 90J | | .015 | B | 5UA 6 | 230 | .002 | |
| | AC122/30-YEL | PG 210 C | | TFK | 45 | 32 | 12.0 | .200 | .090 | A | 90J | | .015 | B | 5UA 6 | 76 | .002 | |
| | AC123 | PG 210 D | | TFK | 45 | 32 | 12.0 | .100 | .225 | C | 90J | | .015 | B | 4UA 6 | 85 | | |
| | AC124 | PG 210 D | | TFK | 45 | 32 | 10.0 | 2.000 | 1.100 | C | 90J | | .011 | B | 8UA 6 | 46 | | |
| | AC125 | PG 170 A | | RAD | 32 | 32 | | .200 | .500 | A | 75J | | 1.700 | B | | 130 | | |
| | AC126 | PG 170 A | | RAD | 32 | 32 | | .200 | .500 | A | 75J | | 2.300 | B | | 220 | | |
| | AC127 | NG 170 A | | RAD | 32 | 32 | 10.0 | .200 | .500 | A | 75J | | 1.700 | G | 10UA 1 | 130 | .500 | |
| | AC128 | PG 170 A | | RAD | 32 | 32 | | 1.000 | .650 | A | 90J | | 1.500 | B | | 90 | | |
| - | AC129 | PG 901 A | | TFK | 9 | 6 | 5.0 | | .030 | A | 60J | | AUD | | 800NA 2 | 30 | | |
| | AC130 | NG 170 A | | RAD | 20 | 15 | | .100 | .145 | A | 90J | | 2.000 | B | | 50 | | |
| | AC131 | PG 210 C | | TFK | 30 | 18 | 10.0 | 2.000 | .750 | A | 90J | | .010 | B | 6UA 6 | 120 | .150 | |
| | AC131/30 | PG 210 C | | TFK | 45 | 32 | 10.0 | 2.000 | .750 | C | 90J | | .010 | B | 8UA 30 | 120 | .150 | |
| | AC132 | PG 170 A | | RAD | 32 | 32 | | .200 | .500 | A | 75J | | 2.000 | B | | 150 | | |
| | AC150-GRN | PG 210 C | | TFK | 30 | 18 | 12.0 | | .060 | A | 75J | | .015 | B | 5UA 6 | 110 | .001 | |
| | AC150-YEL | PG 210 C | | TFK | 30 | 18 | 12.0 | | .060 | A | 75J | | .015 | B | 5UA 6 | 74 | .001 | |
| | AC151 | PG 120 | 1 | SIH | 32 | 24 | 10.0 | .200 | .900 | A | 90J | | 1.500 | G | 25UA 32 | 47 | .002 | |
| | AC151R | PG 120 | 1 | SIH | 32 | 24 | 10.0 | .200 | .900 | A | 90J | | 1.500 | G | 25UA 32 | 47 | .002 | |
| | AC152 | PG 120 | 1 | SIH | 32 | 24 | 10.0 | .200 | .900 | A | 90J | | 1.500 | G | 25UA 32 | 68 | .100 | |
| | AC153 | PG 120 | 1 | SIH | 32 | 32X | 10.0 | 1.000 | 1.000 | A | 90J | | 1.500 | G | 10UA 10 | 112 | .300 | |
| | AC153K | PG 210 K | | SIH | 32 | 32X | 10.0 | 1.000 | 1.000 | A | 90J | | 1.500 | G | 10UA 10 | 112 | .300 | |
| | AC160-GRN | PG 210 C | | TFK | 15 | 10 | 10.0 | | .030 | A | 75J | | .050 | B | 500NA 5 | 110 | .001 | |
| | AC160-RED | PG 210 C | | TFK | 15 | 10 | 10.0 | | .030 | A | 75J | | .050 | B | 500NA 5 | 50 | .001 | |
| | AC160-VIO | PG 210 C | | TFK | 15 | 10 | 10.0 | | .030 | A | 75J | | .050 | B | 500NA 5 | 184 | .001 | |
| | AC160-YEL | PG 210 C | | TFK | 15 | 10 | 10.0 | | .030 | A | 75J | | .050 | B | 500NA 5 | 76 | .001 | |
| | AC162 | PG 120 | 1 | SIH | 32 | 24 | 10.0 | .200 | .900 | A | 90J | | 1.700 | G | 25UA 32 | 93 | .002 | |
| | AC163 | PG 120 | 1 | SIH | 32 | 24 | 10.0 | .200 | .900 | A | 90J | | 2.300 | G | 25UA 32 | 125 | .002 | |
| | AC170 | PG 210 C | | TFK | 32 | 15 | | .200 | .090 | A | 90J | | .017 | B | 10UA 10 | 124 | .002 | |
| | AC171 | PG 210 C | | TFK | 32 | 15 | | .200 | .090 | A | 90J | | .017 | B | 10UA 10 | 210 | .002 | |
| | AC175 | NG 210 D | | TFK | 25 | 18 | 10.0 | 2.000 | 1.100 | C | 90J | | .020 | B | 10UA 6 | 150 | .300 | |
| | AC176 | NG 120 | 1 | SIH | 32 | 18 | 10.0 | 1.000 | 1.000 | A | 90J | | 3.000 | G | 35UA 10 | 112 | .300 | |
| | AC176K | NG 210 K | | SIH | 32 | 18 | 10.0 | 1.000 | 1.000 | A | 90J | | 3.000 | G | 35UA 10 | 112 | .300 | |
| | AC178 | PG 210 D | | TFK | 30 | 18 | 10.0 | 1.200 | 1.100 | C | 90J | | .010 | B | 6UA 6 | 185 | .150 | |
| | AC179 | NG 210 D | | TFK | 20 | 15 | 10.0 | 1.200 | 1.100 | C | 90J | | .020 | B | 10UA 6 | 185 | .150 | |
| | AC186 | NG 210 C | | TFK | 30 | 18 | 10.0 | 1.200 | .750 | C | 90J | | .020 | B | 10UA 6 | 120 | .150 | |
| | AC187/01 | NG 120 | 1 | PHI | 32 | 20 | | 1.000 | 1.000 | A | | | AUD | G | | 325 | .500 | |
| | AC187K | NG 210 K | | SIH | 25 | 15 | 10.0 | 1.000 | 1.000 | A | 90J | | 5.000 | G | 35UA 10 | 225 | .300 | |
| | AC188/01 | PG 120 | 1 | PHI | 32 | 20 | | 1.000 | 1.000 | A | | | AUD | G | | 325 | .500 | |
| | AC188K | PG 210 K | | SIH | 25 | 15 | 10.0 | 1.000 | 1.000 | A | 90J | | 1.500 | G | 15UA 10 | 225 | .300 | |
| | ACY16 | PG 210 D | | TFK | 45 | 30 | 10.0 | 1.000 | .800 | C | 85J | | .010 | B | 8UA 30 | 60 | .300 | |
| | ACY23 | PG 120 | 1 | SIH | 32 | 30 | 16.0 | .200 | .150 | A | 90J | | 1.500 | G | 10UA 10 | 88 | .001 | |
| | ACY24 | PG 210 D | | TFK | 70 | 40 | 30.0 | .750 | .530 | C | 90J | | .009 | B | 12UA 25 | 42 | .150 | |
| | ACY32 | PG 120 | 1 | SIH | 32 | 30 | 16.0 | .200 | .150 | A | 90J | | 1.500 | G | 10UA 10 | 88 | .001 | |
| | ACY33 | PG 120 | 1 | SIH | 32 | 32R | 10.0 | 1.000 | 1.100 | C | 90J | | 1.500 | G | 10UA 10 | 163 | .300 | |
| - | ACZ10 | PG 55 F | | TFK | 70 | 50 | 30.0 | .300 | .400 | C | 75J | | | | 25UA 6 | | | |
| | AD130 | PG 605 | 3 | SIH | 32 | 30 | 10.0 | 3.000 | 30.000 | C | 90J | | .350 | G | 1MA 32 | 45 | 1.000 | |
| | AD131 | PG 605 | 3 | SIH | 64 | 45 | 20.0 | 3.000 | 30.000 | C | 90J | | .350 | G | 1MA 64 | 45 | 1.000 | |
| | AD132 | PG 605 | 3 | SIH | 80 | 60 | 20.0 | 3.000 | 30.000 | C | 90J | | .350 | G | 1MA 80 | 45 | 1.000 | |
| | AD133 | PG 609 A | | SIH | 50 | 32 | 10.0 | 15.000 | 36.000 | C | 100J | | .300 | G | 1MA 50 | 45 | 5.000 | |
| | AD136 | PG 170 | 8 | SIH | 40 | 30 | 10.0 | 10.000 | 11.000 | C | 100J | | .300 | G | 1MA 40 | 68 | 5.000 | |
| | AD138 | PG 605 | 3 | TFK | 40 | 30 | 10.0 | 15.000 | 30.000 | C | 90J | | .005 | B | 100UA 30 | 42 | 5.000 | |
| | AD139 | PG 605 F | | TFK | 32 | 16 | 10.0 | 3.000 | 11.000 | C | 90J | | .010 | B | 100UA 10 | 48 | 1.000 | |
| | AD148 | PG 605 A | | SIH | 32 | 32X | 10.0 | .350 | 13.500 | C | 100J | | .450 | G | 1MA 32 | 55 | 1.000 | |
| | AD149 | PG 605 | 3 | TFK,SIH | 50 | 50X | 20.0 | 3.500 | 22.500 | C | 100J | | .500 | G | 150UA 50 | 43 | 3.000 | |
| | AD150 | PG 605 | 3 | SIH | 32 | 30 | 10.0 | 3.500 | 27.500 | C | 100J | | .450 | G | 1MA 32 | 55 | 1.000 | |
| | AD152 | PG 605 F | | TFK | 45 | 30 | 12.0 | 2.000 | 6.000 | C | 90J | | .011 | B | 6UA 6 | 85 | .300 | |
| | AD155 | PG 605 F | | TFK | 25 | 16 | 12.0 | 2.000 | 6.000 | C | 90J | | .011 | B | 6UA 6 | 120 | .300 | |
| | AD159 | PG 171 | 8 | TFK | 40 | 25 | 10.0 | 8.000 | 9.000 | C | 90J | | .008 | B | 800UA 40 | 48 | 5.000 | |
| | AD160 | PG 171 | 8 | TFK | 40 | 30 | 10.0 | 10.000 | 9.000 | C | 90J | | .008 | B | 800UA 40 | 105 | 5.000 | |
| | AD161 | NG 605 A | | SIH | 32 | 20 | 10.0 | 1.000 | 4.000 | C | 90J | | 3.000 | G | 50UA 20 | 138 | .500 | |
| | AD162 | PG 605 A | | SIH | 32 | 20 | 10.0 | 1.000 | 6.000 | C | 90J | | 1.500 | G | 40UA 20 | 138 | .500 | |
| | AD163 | PG 605 | 3 | SIH | 100 | 80 | 20.0 | 3.000 | 30.000 | C | 90J | | .350 | G | 1MA 100 | 38 | 1.000 | |
| | ADY26 | PG 405 | 36 | RAD | 80 | 60 | 50.0 | 25.000 | 80.000 | C | 90J | | .100 | B | | 30 | | |
| | ADY27 | PG 605 | 3 | SIH | 32 | 30 | 10.0 | 3.500 | 27.500 | C | 100J | | .450 | G | 500UA 32 | 55 | 1.000 | |
| | ADZ11 | PG 405 | 36 | RAD,MUL | 50 | 40 | 30.0 | 20.000 | 80.000 | C | 90J | | .100 | B | | 35 | | |
| | ADZ12 | PG 405 | 36 | RAD,MUL | 80 | 60 | 50.0 | 15.000 | 80.000 | C | 90J | | .100 | B | | 25 | | |
| - | AF101 | PG 55 D | | TFK | 20 | 12 | 8.0 | | .075 | A | 75J | | 9.000 | G | 1UA 6 | 50 | | |
| | AF102 | | | SEE 2N2494 | | | | | | | | | | | | | | |
| - | AF105 | PG 55 D | | TFK | 25 | 12 | .8 | | .075 | A | 75J | | 22.000 | G | 2UA 6 | 60 | | |
| | AF106 | PG 217 | 72 | TFK,SIH | 25 | 18 | .3 | | .060 | A | 90J | | 220.000 | G | 500NA 12 | 65 | .001 | |
| | AF109R | PG 217 | 72 | SIH | 20 | 15 | .3 | .010 | .060 | A | 90J | | 220.000 | G | 8UA 20 | 50 | .002 | |
| | AF114 | | | SEE 2N2089 | | | | | | | | | | | | | | |
| | AF115 | | | SEE 2N2089 | | | | | | | | | | | | | | |
| | AF116 | | | SEE 2N2092 | | | | | | | | | | | | | | |
| | AF117 | | | SEE 2N2092 | | | | | | | | | | | | | | |
| | AF118 | PG 75 | 7 | SIH | 70 | | .5 | .030 | .375 | A | 75J | | 175.000 | G | 6UA 6 | 180 | .010 | |
| | AF124 | PG 218 | 72 | SIH | 32 | | 1.0 | .010 | .060 | A | 75J | | 75.000 | G | 8UA 6 | 140 | .001 | |
| | AF125 | PG 218 | 72 | SIH | 32 | | 1.0 | .010 | .060 | A | 75J | | 75.000 | G | 8UA 6 | 140 | .001 | |
| | AF126 | PG 218 | 72 | SIH | 32 | | 1.0 | .010 | .060 | A | 75J | | 75.000 | G | 8UA 6 | 140 | .001 | |
| | AF127 | PG 218 | 72 | SIH | 32 | | 1.0 | .010 | .060 | A | 75J | | 75.000 | G | 8UA 6 | 140 | .001 | |
| - | AF128 | PG 901 A | | TFK | 9 | 6 | 5.0 | | .150 | A | 60J | | 6.000 | B | 800NA 2 | 40 | | |
| | AF134 | PG 217 B | | TFK | 25 | 15 | .7 | | .150 | A | 75J | | 55.000 | G | 2UA 6 | 110 | | |
| | AF135 | PG 217 B | | TFK | 25 | 15 | .7 | | .150 | A | 75J | | 50.000 | G | 3UA 6 | 100 | | |
| | AF136 | PG 217 B | | TFK | 25 | 15 | .7 | | .150 | A | 75J | | 28.000 | G | 3UA 6 | 80 | | |
| | AF137 | PG 217 B | | TFK | 25 | 15 | .7 | | .150 | A | 75J | | 20.000 | G | 3UA 6 | 60 | | |
| | AF138 | PG 217 B | | TFK | 25 | 15 | .7 | | .150 | A | 75J | | 20.000 | G | 2UA 6 | 80 | | |
| | AF139 | PG 217 | 72 | TFK,MOT,SIH | 20 | 15 | .3 | .008 | .060 | A | 90J | | 500.000 | G | 700NA 20 | 50 | .001 | |
| | AF180 | | | SEE 2N3074 | | | | | | | | | | | | | | |
| | AF181 | | | SEE 2N3075 | | | | | | | | | | | | | | |
| | AF200 | PG 218 E | | SIH | 25 | | .3 | .010 | .225 | A | 90J | | 1500.000 | G | 10UA 12 | 85 | .003 | |
| | AF201 | PG 218 E | | SIH | 25 | | .3 | .010 | .225 | A | 90J | | 1000.000 | G | 10UA 12 | 85 | .003 | |
| | AF202 | PG 218 E | | SIH | 25 | | .3 | .030 | .225 | A | 90J | | 1000.000 | G | 10UA 12 | 85 | .003 | |
| | AF202S | PG 218 E | | SIH | 32 | | .3 | .030 | .225 | A | 90J | | 1000.000 | G | 10UA 12 | 85 | .003 | |
| | AF239 | PG 217 | 72 | MOT,SIH | 20 | 15 | .3 | .010 | .060 | A | 100J | | 600.000 | G | 8UA 20 | 40 | .002 | |
| | AF239S | PG 217 | 72 | SIH | | 20S | .3 | .010 | .060 | A | 90J | | 780.000 | G | 8UA 20 | 50 | .002 | |
| | AF240 | PG 217 | 72 | SIH | | 20S | .3 | .010 | .060 | A | 90J | | 500.000 | G | 8UA 20 | 25 | .002 | |
| | AF279 | PG 906 A | | SIH | | 20S | .3 | .010 | .060 | A | 90J | | 780.000 | G | 15UA 20 | 50 | .002 | |
| | AF280 | PG 906 A | | SIH | | 20S | .3 | .010 | .060 | A | 90J | | 550.000 | G | 15UA 20 | 25 | .002 | |
| | AFY11 | PG 211 | 39 | SIH | 30 | 15 | 1.0 | .070 | .560 | A | 90J | | 350.000 | G | 18UA 15 | 60 | .010 | |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cont. / Temp. (°C) Cont. | | | $I_{CBO}$ @ | $V_{CB}$ | $h_{FE}$ @ | $I_C$(A) |
| | AFY12 | PG 217 | 72 | TFK, SIH | 25 | 18 | .5 | .010 | .060 | A 90J | 230.000 | G | 700NA | 25 | 46 | .001 |
| | AFY14 | PG 210 D | | TFK | 40 | 20 | .6 | .250 | .200 | A 85J | 60.000 | G | 2UA | 6 | 40 | .200 |
| | AFY15 | PG 210 C | | TFK | 22 | 12 | 8.0 | .050 | .065 | A 85J | 16.000 | G | 2UA | 22 | 80 | .001 |
| | AFY16 | PG 217 | 72 | TFK, SIH | 30 | 20 | .5 | .008 | .060 | A 90J | 500.000 | G | 700NA | 20 | 90 | .005 |
| | AFY18 | PG 211 | 39 | SIH | 30 | 15 | .7 | .100 | .560 | A 90J | 600.000 | G | 10UA | 15 | 190 | .010 |
| | AFY19 | PG 210 | 5 | RAD | 34 | 34 | | .010 | 2.000 | A 90J | | | | | 80 | |
| | AFY37 | PG 217 | 72 | SIH | 32 | | .3 | .020 | .112 | A 90J | 600.000 | G | 10UA | 20 | 40 | .002 |
| | AFY39 | PG 218 | 72 | SIH | 32 | | .3 | .030 | .225 | A 90J | 500.000 | G | 10UA | 12 | 85 | .003 |
| | AFY42 | PG 217 | 72 | SIH | 30 | 25 | .3 | .010 | .112 | A 90J | 700.000 | G | 30UA | 20 | 50 | .002 |
| - | AFZ10 | PG 55 F | | TFK | 40 | 30 | .7 | .100 | .150 | C 75J | 50.000 | G | | | | |
| | AFZ12 | PG 217 | 72 | RAD | 20 | 20 | .5 | .010 | .083 | A 75J | 180.000 | B | | | 60 | |
| | ALZ10 | PG 698 A | | TFK | 50 | 28 | .6 | .500 | .500 | C 75J | 40.000 | G | 2UA | 6 | 90 | |
| | AMF101 | NS 731 | 53 | AMF | 30 | 30S | .5 | 4.000 | 85.000 | C 200J | 1.000 | B | 2MA | 15 | 30 | |
| | AMF102 | NS 731 | 53 | AMF | 60 | 60S | .5 | 4.000 | 85.000 | C 200J | 1.000 | B | 1MA | 15 | 30 | |
| | AMF103 | NS 731 | 53 | AMF | 100 | 100S | .5 | 4.000 | 85.000 | C 200J | 1.000 | B | 1MA | 15 | 30 | |
| | AMF104 | NS 605 | 3 | AMF | 30 | 30S | .5 | 4.000 | 75.000 | C 200J | 1.000 | B | 2MA | 15 | 30 | |
| | AMF105 | NS 605 | 3 | AMF | 60 | 60S | .5 | 4.000 | 75.000 | C 200J | 1.000 | B | 1MA | 15 | 30 | |
| | AMF106 | NS 605 | 3 | AMF | 100 | 100S | .5 | 4.000 | 75.000 | C 200J | 1.000 | B | 1MA | 15 | 30 | |
| | AMF107 | NS 561 | 61 | AMF | 30 | 30S | .5 | 4.000 | 85.000 | C 200J | 1.500 | B | 2MA | 15 | 34 | |
| | AMF108 | NS 561 | 61 | AMF | 60 | 60S | .5 | 4.000 | 85.000 | C 200J | 1.500 | B | 1MA | 15 | 34 | |
| | AMF109 | NS 561 | 61 | AMF | 100 | 100S | .5 | 4.000 | 85.000 | C 200J | 1.500 | B | 1MA | 15 | 34 | |
| | AMF110 | NS 561 | 61 | AMF | 60 | 60S | .5 | 4.000 | 85.000 | C 200J | 1.500 | B | 1MA | 15 | 34 | |
| | AMF111 | NS 561 | 61 | AMF | 60 | 60S | .5 | 7.500 | 85.000 | C 200J | 1.500 | B | 1MA | 15 | 34 | |
| | AMF112 | NS 731 | 53 | AMF | 60 | 60S | .5 | 7.500 | 85.000 | C 200J | 1.000 | B | 1MA | 15 | 30 | |
| | AMF113 | NS 731 | 53 | AMF | 60 | 60S | .5 | 7.500 | 85.000 | C 200J | 1.000 | B | 1MA | 15 | 30 | |
| | AMF114 | NS 561 | 61 | AMF | 60 | 60S | .5 | 7.500 | 85.000 | C 200J | 1.500 | B | 1MA | 15 | 34 | |
| | AMF115 | NS 605 | 3 | AMF | 60 | 60S | .5 | 7.500 | 75.000 | C 200J | 1.000 | B | 1MA | 15 | 30 | |
| | AMF116 | NS 605 | 3 | AMF | 60 | 60S | .5 | 7.500 | 75.000 | C 200J | 1.000 | B | 1MA | 15 | 30 | |
| | AMF117 | NS 605 | 3 | AMF | 55 | 55S | .5 | 4.000 | 75.000 | C 200J | 1.000 | B | 10MA | 55 | 30 | |
| | AMF117A | NS 605 | 3 | AMF | 55 | 55S | .5 | 4.000 | 75.000 | C 200J | 1.000 | B | 10MA | 55 | 30 | |
| | AMF118 | NS 605 | 3 | AMF | 45 | 45S | .5 | 4.000 | 75.000 | C 200J | 1.000 | B | 10MA | 45 | 30 | |
| | AMF118A | NS 605 | 3 | AMF | 45 | 45S | .5 | 4.000 | 75.000 | C 200J | 1.000 | B | 10MA | 45 | 30 | |
| | AMF119 | NS 605 | 3 | AMF | 35 | 35S | .5 | 4.000 | 75.000 | C 250J | 1.000 | B | 10MA | 35 | 30 | |
| | AMF119A | NS 605 | 3 | AMF | 35 | 35S | .5 | 4.000 | 75.000 | C 250J | 1.000 | B | 10MA | 35 | 30 | |
| | AMF120 | NS 605 | 3 | AMF | 25 | 25S | .5 | 4.000 | 75.000 | C 200J | 1.000 | B | 10MA | 25 | 30 | |
| | AMF120A | NS 605 | 3 | AMF | 25 | 25S | .5 | 4.000 | 75.000 | C 200J | 1.000 | B | 10MA | 25 | 30 | |
| | AMF121 | NS 731 | 53 | AMF | 55 | 55S | .5 | 4.000 | 85.000 | C 200J | 1.000 | B | 10MA | 55 | 30 | |
| | AMF121A | NS 731 | 53 | AMF | 55 | 55S | .5 | 4.000 | 85.000 | C 200J | 1.000 | B | 10MA | 55 | 30 | |
| | AMF122 | NS 731 | 53 | AMF | 45 | 45S | .5 | 4.000 | 85.000 | C 200J | 1.000 | B | 10MA | 45 | 30 | |
| | AMF122A | NS 731 | 53 | AMF | 45 | 45S | .5 | 4.000 | 85.000 | C 200J | 1.000 | B | 10MA | 45 | 30 | |
| | AMF123 | NS 731 | 53 | AMF | 35 | 35S | .5 | 4.000 | 85.000 | C 200J | 1.000 | B | 10MA | 35 | 30 | |
| | AMF123A | NS 731 | 53 | AMF | 45 | 45S | .5 | 4.000 | 85.000 | C 200J | 1.000 | B | 10MA | 45 | 30 | |
| | AMF124 | NS 731 | 53 | AMF | 25 | 25S | .5 | 4.000 | 85.000 | C 200J | 1.000 | B | 10MA | 45 | 30 | |
| | AMF124A | NS 731 | 53 | AMF | 25 | 25S | .5 | 4.000 | 85.000 | C 200J | 1.000 | B | 10MA | 45 | 30 | |
| | AMF201 | NS 605 | 3 | AMF | 30 | 30S | .5 | 13.000 | 85.000 | C 160J | 1.000 | B | 3MA | 15 | 20 | |
| | AMF201B | NS 605 | 3 | AMF | 80 | 80S | .5 | 13.000 | 85.000 | C 160J | 1.000 | B | 3MA | 30 | 20 | |
| | AMF201C | NS 605 | 3 | AMF | 100 | 100S | .5 | 13.000 | 85.000 | C 160J | 1.000 | B | 3MA | 30 | 20 | |
| | AMF201D | NS 605 | 3 | AMF | 130 | 130S | .5 | 13.000 | 85.000 | C 160J | 1.000 | B | 3MA | 30 | 20 | |
| | AMF201E | NS 605 | 3 | AMF | 150 | 150S | .5 | 13.000 | 85.000 | C 160J | 1.000 | B | 3MA | 30 | 20 | |
| | AMF210 | NS 605 | 3 | AMF | 30 | 30S | .5 | 8.000 | 80.000 | C 175J | 1.500 | B | 2MA | 15 | 20 | |
| | AMF210A | NS 605 | 3 | AMF | 60 | 60S | .5 | 8.000 | 80.000 | C 175J | 1.500 | B | 2MA | 30 | 20 | |
| | AMF210B | NS 605 | 3 | AMF | 100 | 100S | .5 | 8.000 | 80.000 | C 175J | 1.500 | B | 2MA | 30 | 20 | |
| | AMF210C | NS 605 | 3 | AMF | 150 | 150S | .5 | 8.000 | 80.000 | C 175J | 1.500 | B | 2MA | 30 | 20 | |
| | AMF227 | NS 412 | 82 | AMF | 30 | 30S | .5 | 7.500 | 175.000 | C 150J | .020 | E | 20MA | 30 | 20 | |
| | AMF227A | NS 412 | 82 | AMF | 60 | 60S | .5 | 7.500 | 175.000 | C 150J | .020 | E | 20MA | 60 | 20 | |
| | AMF227B | NS 412 | 82 | AMF | 100 | 100S | .5 | 7.500 | 175.000 | C 150J | .020 | E | 20MA | 100 | 20 | |
| | AMF227C | NS 412 | 82 | AMF | 150 | 150S | .5 | 7.500 | 175.000 | C 150J | .020 | E | 20MA | 150 | 20 | |
| | AMF228 | NS 412 | 82 | AMF | 30 | 30S | .5 | 7.500 | 175.000 | C 150J | .020 | E | 20MA | 30 | 20 | |
| | AMF228A | NS 412 | 82 | AMF | 60 | 60S | .5 | 7.500 | 175.000 | C 150J | .020 | E | 20MA | 60 | 20 | |
| | AMF228B | NS 412 | 82 | AMF | 100 | 100S | .5 | 7.500 | 175.000 | C 150J | .020 | E | 20MA | 100 | 20 | |
| | AMF228C | NS 412 | 82 | AMF | 150 | 150S | .5 | 7.500 | 175.000 | C 150J | .020 | E | 20MA | 150 | 20 | |
| | AMF229 | NS 412 | 82 | AMF | 30 | 30S | .5 | 4.000 | 175.000 | C 150J | .020 | E | 20MA | 30 | 20 | |
| | AMF229A | NS 412 | 82 | AMF | 60 | 60S | .5 | 4.000 | 175.000 | C 150J | .020 | E | 20MA | 60 | 20 | |
| | AMF229B | NS 412 | 82 | AMF | 100 | 100S | .5 | 4.000 | 175.000 | C 150J | .020 | E | 20MA | 100 | 20 | |
| | AMF229C | NS 412 | 82 | AMF | 150 | 150S | .5 | 4.000 | 175.000 | C 150J | .020 | E | 20MA | 150 | 20 | |
| | ASY23 | PG 210 | 5 | RAD | 80 | 60 | 20.0 | .300 | .180 | A 75J | .700 | B | | | 50 | |
| | ASY24 | PG 210 C | | TFK | 50 | 25 | .7 | .250 | .065 | A 85J | 22.000 | G | 2UA | 6 | 66 | .200 |
| | ASY24B | PG 210 C | | TFK | 35 | 20 | .6 | .250 | .065 | A 85J | 22.000 | G | 3UA | 35 | 65 | .200 |
| | ASY26 | PG 210 | 5 | RAD, SIH, TFK | 30 | 25 | 20.0 | .100 | .125 | A 75J | 4.000 | B | 2UA | 5 | 30 | .100 |
| | ASY27 | PG 210 | 5 | RAD, SIH, TFK | 25 | 20 | 20.0 | .100 | .125 | A 75J | 6.000 | B | 2UA | 5 | 50 | .100 |
| | ASY28 | NG 210 | 5 | RAD, TFK | 30 | 25 | 20.0 | .100 | .125 | A 75J | 4.000 | B | 2JA | 5 | 30 | .100 |
| | ASY29 | NG 210 | 5 | RAD, TFK | 25 | 20 | 20.0 | .100 | .125 | A 75J | 6.000 | B | 2UA | 5 | 50 | .100 |
| | ASY30 | PG 210 D | | TFK | 50 | 25 | .7 | .250 | .200 | C 85J | 22.000 | G | 2UA | 6 | 66 | .200 |
| | ASY48 | PG 120 | 1 | SIH | 64 | 45 | 16.0 | .300 | .900 | A 90J | 1.200 | G | 18UA | 64 | 68 | .100 |
| | ASY70 | PG 120 | 1 | SIH | 32 | 30 | 16.0 | .300 | .900 | A 90J | 1.500 | G | 18UA | 32 | 68 | .100 |
| | ASZ15 | PG 605 | 3 | RAD | 80 | 60 | 40.0 | 8.000 | 43.000 | C 90J | .250 | B | | | 32 | |
| | ASZ16 | PG 605 | 3 | RAD | 60 | 48 | 20.0 | 8.000 | 43.000 | C 90J | .250 | B | | | 90 | |
| | ASZ17 | PG 605 | 3 | RAD | 60 | 48 | 20.0 | 8.000 | 43.000 | C 90J | .250 | B | | | 50 | |
| | ASZ18 | PG 605 | 3 | RAD | 80 | 60 | 40.0 | 8.000 | 43.000 | C 90J | .250 | B | | | 70 | |
| | AS Z21 | PG 210 | 18 | RAD | 20 | 15 | 2.5 | .030 | .100 | A 75A | 300.000 | B | | | 50 | |
| | AT10H | PG 210 | 5 | SEM | 15 | 10 | 6.0 | .100 | .100 | A | .500 | G | | | 100 | |
| | AT10M | PG 210 | 5 | SEM | 15 | 10 | 6.0 | .100 | .100 | A | .500 | G | | | 50 | |
| | AT10N | PG 210 | 5 | SEM | 15 | 10 | 6.0 | .100 | .100 | A | .500 | G | | | 30 | |
| | AT20H | PG 210 | 5 | SEM | 25 | 15 | 10.0 | .200 | .200 | A | 1.000 | G | | | 150 | |
| | AT20M | PG 210 | 5 | SEM | 25 | 15 | 10.0 | .200 | .200 | A | 1.000 | G | | | 70 | |
| | AT20N | PG 210 | 5 | SEM | 25 | 15 | 10.0 | .200 | .200 | A | 1.000 | G | | | 40 | |
| | AT30H | PG 210 | 5 | SEM | 45 | 20 | 20.0 | .400 | .250 | A | .500 | G | | | 150 | |
| | AT30M | PG 210 | 5 | SEM | 45 | 20 | 20.0 | .400 | .250 | A | .500 | G | | | 70 | |
| | AT30N | PG 210 | 5 | SEM | 45 | 20 | 20.0 | .400 | .250 | A | .500 | G | | | 40 | |
| | AT100H | PG 210 | 5 | SEM | 40 | 30 | 15.0 | 1.000 | 20.000 | C | .200 | G | | | 75 | |
| | AT100M | PG 210 | 5 | SEM | 40 | 30 | 15.0 | 1.000 | 20.000 | C | .200 | G | | | 50 | |
| | AT100N | PG 210 | 5 | SEM | 40 | 30 | 15.0 | 1.000 | 20.000 | C | .200 | G | | | 30 | |
| | AUY10 | PG 605 | 3 | RAD | 70 | 60 | 1.5 | .700 | 12.500 | A 75J | 120.000 | B | | | 80 | |
| | AUY18 | PG 470 | 8 | SIH | 64 | 45 | 20.0 | 8.000 | 11.000 | C 100J | .350 | G | 1MA | 64 | 38 | 5.000 |
| | AUY19 | PG 605 | 3 | SIH | 64 | 45 | 20.0 | 3.000 | 30.000 | C 90J | .350 | G | 500UA | 64 | 45 | 1.000 |
| | AUY20 | PG 605 | 3 | SIH | 80 | 60 | 20.0 | 3.000 | 30.000 | C 90J | .350 | G | 500UA | 80 | 45 | 1.000 |
| | AUY21 | PG 609 A | | SIH | 65 | 45 | 20.0 | 1.000 | 36.000 | C 100J | .300 | G | 1MA | 65 | 28 | 5.000 |
| | AUY22 | PG 609 A | | SIH | 80 | 60 | 20.0 | 8.000 | 36.000 | C 100J | .300 | G | 1MA | 80 | 28 | 5.000 |
| | AUY28 | PG 605 | 3 | TFK | 90 | 65 | 25.0 | 10.000 | 30.000 | C 90J | .250 | G | 250UA | 75 | 33 | 5.000 |
| | AUY29 | PG 609 A | | SIH | 50 | 32 | 10.0 | 15.000 | 36.000 | C 100J | .300 | G | 1MA | 50 | 45 | 5.000 |
| | AUY34 | PG 605 | 3 | SIH | 100 | 80 | 20.0 | 3.000 | 30.000 | C 90J | .350 | G | 1MA | 100 | 38 | 1.000 |
| | B1013 | | | SEE 2N2282 | | | | | | | | | | | | |
| | B1013A | | | SEE 2N2283 | | | | | | | | | | | | |
| | B1274 | | | SEE 2N2291 | | | | | | | | | | | | |
| | B1274A | | | SEE 2N2292 | | | | | | | | | | | | |
| | B1274B | | | SEE 2N2293 | | | | | | | | | | | | |
| - | B3456 | NS 561 | 61 | BEN | 100 | 60 | 6.0 | 10.000 | 25.000 | C 200J | 200.000 | G | 25UA | 15 | 60 | 5.000 |
| - | B3458 | NS 210 | 5 | BEN | 100 | 60 | 6.0 | 5.000 | 7.500 | C 200J | 200.000 | G | 25UA | 15 | 60 | 5.000 |
| - | B3459 | NS 561 | 61 | BEN | 80 | 40 | 8.0 | 10.000 | 25.000 | C 200J | 200.000 | G | 5UA | 30 | 80 | 1.000 |
| - | B3459A | NS 561 | 61 | BEN | 100 | 60 | 8.0 | 10.000 | 25.000 | C 200J | 200.000 | G | 5UA | 30 | 80 | 1.000 |
| | B3460 | | | SEE 2N4225 | | | | | | | | | | | | |
| | B3461 | | | SEE 2N4226 | | | | | | | | | | | | |
| - | B3465 | NS 210 | 5 | BEN | 100 | 60 | 6.0 | 3.000 | 5.000 | C 175J | 200.000 | G | 100NA | 30 | 80 | 1.000 |
| - | B3466 | NS 540 B | | BEN | 100 | 60 | 6.0 | 3.000 | 5.000 | C 175J | 200.000 | G | 100NA | 30 | 80 | 1.000 |
| - | B3531 | NS 211 | 5 | BEN | 80 | 40 | 8.0 | 5.000 | 4.000 | H 200J | 30.000 | G | 1UA | 60 | 36 | 1.000 |
| - | B3532 | NS 211 | 5 | BEN | 100 | 80 | 8.0 | 5.000 | 4.000 | H 200J | 30.000 | G | 1UA | 60 | 36 | 1.000 |
| - | B3533 | NS 211 | 5 | BEN | 80 | 40 | 8.0 | 5.000 | 4.000 | H 200J | 30.000 | G | 1UA | 60 | 70 | 1.000 |
| - | B3534 | NS 211 | 5 | BEN | 100 | 80 | 8.0 | 5.000 | 4.000 | H 200J | 30.000 | G | 1UA | 60 | 70 | 1.000 |
| - | B3535 | NS 211 | 5 | BEN | 80 | 40 | 8.0 | 5.000 | 4.000 | H 200J | 30.000 | G | 1UA | 60 | 200 | 1.000 |
| - | B3536 | NS 211 | 5 | BEN | 100 | 80 | 8.0 | 5.000 | 4.000 | H 200J | 30.000 | G | 1UA | 60 | 200 | 1.000 |
| - | B3537 | NS 211 | 5 | BEN | 60 | 50 | 5.0 | 5.000 | 4.000 | H 200J | 40.000 | G | 1UA | 30 | 36 | 1.000 |
| - | B3538 | NS 541 B | | BEN | 60 | 40 | 5.0 | .600 | 10.000 | C 200J | 40.000 | G | 2UA | 60 | 50 | .150 |
| - | B3539 | NS 541 B | | BEN | 120 | 70 | 5.0 | .600 | 10.000 | C 200J | 50.000 | G | 1UA | 30 | 50 | .150 |
| - | B3540 | NS 541 B | | BEN | 60 | 40 | 5.0 | .600 | 10.000 | C 200J | 50.000 | G | 1UA | 30 | 36 | .150 |
| - | B3541 | NS 541 B | | BEN | 60 | 40 | 5.0 | .600 | 10.000 | C 200J | 50.000 | G | 1UA | 30 | 70 | .150 |
| - | B3542 | NS 541 B | | BEN | 60 | 40 | 5.0 | .600 | 10.000 | C 200J | 50.000 | G | 1UA | 30 | 160 | .150 |
| - | B3543 | NS 541 B | | BEN | 80 | 60 | 5.0 | .600 | 10.000 | C 200J | 50.000 | G | 1UA | 30 | 36 | .150 |
| - | B3544 | NS 541 B | | BEN | 80 | 60 | 5.0 | .600 | 10.000 | C 200J | 50.000 | G | 1UA | 30 | 70 | .150 |
| - | B3545 | NS 541 B | | BEN | 80 | 60 | 5.0 | .600 | 10.000 | C 200J | 50.000 | G | 1UA | 30 | 160 | .150 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | | Frequency Response (MHz) | Condition | Cutoff | | | Gain | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | | | $I_{CBO}$ @ | $V_{CB}$ | | $h_{FE}$ @ | $I_C$(A) | |
| | B3546 | NS 541 B | | BEN | 120 | 80 | 5.0 | .600 | 10.000 | C | 200J | | 50.000 | G | 2UA | 60 | | 36 | .150 | |
| | B3547 | NS 561 | 59 | BEN | 60 | 40 | 8.0 | 5.000 | 30.000 | H | 200J | | | | 1UA | 60 | | 36 | 1.000 | |
| | B3548 | NS 561 | 59 | BEN | 80 | 60 | 8.0 | 5.000 | 30.000 | H | 200J | | | | 1UA | 80 | | 36 | 1.000 | |
| | B3549 | NS 561 | 59 | BEN | 100 | 80 | 8.0 | 5.000 | 30.000 | H | 200J | | | | 1UA | 100 | | 36 | 1.000 | |
| | B3550 | NS 561 | 59 | BEN | 60 | 40 | 8.0 | 5.000 | 30.000 | H | 200J | | | | 1UA | 60 | | 70 | 1.000 | |
| | B3551 | NS 561 | 59 | BEN | 80 | 60 | 8.0 | 5.000 | 30.000 | H | 200J | | | | 1UA | 80 | | 70 | 1.000 | |
| | B3552 | NS 561 | 59 | BEN | 100 | 80 | 8.0 | 5.000 | 30.000 | H | 200J | | | | 1UA | 100 | | 70 | 1.000 | |
| | B3553 | NS 561 | 59 | BEN | 60 | 40 | 8.0 | 5.000 | 30.000 | H | 200J | | | | 1UA | 60 | | 160 | 1.000 | |
| | B3554 | NS 561 | 59 | BEN | 80 | 60 | 8.0 | 5.000 | 30.000 | H | 200J | | | | 1UA | 80 | | 160 | 1.000 | |
| | B3555 | NS 561 | 59 | BEN | 100 | 80 | 8.0 | 5.000 | 30.000 | H | 200J | | | | 1UA | 100 | | 160 | 1.000 | |
| | B3556 | NS 561 | 59 | BEN | 90 | 60 | 8.0 | 5.000 | 20.000 | H | 200J | | 20.000 | G | 100NA | 60 | | 70 | 1.000 | |
| | B3557 | NS 561 | 59 | BEN | 120 | 80 | 8.0 | 5.000 | 20.000 | H | 200J | | 20.000 | G | 100NA | 60 | | 70 | 1.000 | |
| | B3558 | NS 561 | 59 | BEN | 150 | 100 | 8.0 | 5.000 | 20.000 | H | 200J | | 20.000 | G | 100NA | 60 | | 70 | 1.000 | |
| | B3559 | NS 561 | 59 | BEN | 60 | 40 | 7.0 | 5.000 | 30.000 | H | 200J | | 30.000 | G | 100NA | 30 | | 36 | 1.000 | |
| | B3560 | NS 561 | 59 | BEN | 80 | 60 | 8.0 | 5.000 | 30.000 | H | 200J | | 30.000 | G | 100NA | 60 | | 36 | 1.000 | |
| | B3561 | NS 561 | 59 | BEN | 100 | 80 | 8.0 | 5.000 | 30.000 | H | 200J | | 30.000 | G | 100NA | 60 | | 36 | 1.000 | |
| | B3562 | NS 561 | 59 | BEN | 60 | 40 | 7.0 | 5.000 | 30.000 | H | 200J | | 40.000 | G | 100NA | 30 | | 70 | 1.000 | |
| | B3563 | NS 561 | 59 | BEN | 80 | 60 | 8.0 | 5.000 | 30.000 | H | 200J | | 40.000 | G | 100NA | 60 | | 70 | 1.000 | |
| | B3564 | NS 561 | 59 | BEN | 100 | 80 | 8.0 | 5.000 | 30.000 | H | 200J | | 40.000 | G | 100NA | 60 | | 70 | 1.000 | |
| | B3565 | NS 561 | 59 | BEN | 60 | 40 | 7.0 | 5.000 | 30.000 | H | 200J | | 50.000 | G | 100NA | 30 | | 176 | 1.000 | |
| | B3566 | NS 561 | 59 | BEN | 80 | 60 | 8.0 | 5.000 | 30.000 | H | 200J | | 50.000 | G | 100NA | 60 | | 176 | 1.000 | |
| | B3567 | NS 561 | 59 | BEN | 100 | 80 | 8.0 | 5.000 | 30.000 | H | 200J | | 50.000 | G | 100NA | 60 | | 176 | 1.000 | |
| | B3568 | NS 541 B | | BEN | 120 | 80 | 5.0 | .600 | 10.000 | C | 200J | | 50.000 | G | 2UA | 60 | | 70 | .150 | |
| | B3569 | NS 541 B | | BEN | 120 | 80 | 5.0 | .600 | 10.000 | C | 200J | | 50.000 | G | 2UA | 60 | | 160 | .150 | |
| | B3570 | NS 541 B | | BEN | 80 | 40 | 8.0 | 5.000 | 10.000 | H | 200J | | 30.000 | G | 1UA | 60 | | 36 | 1.000 | |
| | B3571 | NS 541 B | | BEN | 100 | 80 | 8.0 | 5.000 | 10.000 | H | 200J | | 30.000 | G | 1UA | 60 | | 36 | 1.000 | |
| | B3572 | NS 541 B | | BEN | 80 | 40 | 8.0 | 5.000 | 10.000 | H | 200J | | 30.000 | G | 1UA | 60 | | 70 | 1.000 | |
| | B3573 | NS 541 B | | BEN | 100 | 80 | 8.0 | 5.000 | 10.000 | H | 200J | | 30.000 | G | 1UA | 60 | | 70 | 1.000 | |
| | B3574 | NS 541 B | | BEN | 80 | 40 | 8.0 | 5.000 | 10.000 | H | 200J | | 30.000 | G | 1UA | 60 | | 160 | 1.000 | |
| | B3575 | NS 541 B | | BEN | 100 | 80 | 8.0 | 5.000 | 10.000 | H | 200J | | 30.000 | G | 1UA | 60 | | 160 | 1.000 | |
| | B3576 | NS 541 B | | BEN | 60 | 40 | 5.0 | 5.000 | 10.000 | H | 200J | | 30.000 | G | 1UA | 60 | | 36 | 1.000 | |
| | B3577 | NS 561 | 59 | BEN | 100 | 50 | 5.0 | 5.000 | 40.000 | H | 200J | | 30.000 | G | 1UA | 60 | | 20 | 1.000 | |
| | B3578 | NS 561 | 59 | BEN | 80 | 40 | 8.0 | 5.000 | 40.000 | H | 200J | | 30.000 | G | 1UA | 60 | | 36 | 1.000 | |
| | B3579 | NS 561 | 59 | BEN | 100 | 80 | 8.0 | 5.000 | 40.000 | H | 200J | | 30.000 | G | 1UA | 60 | | 36 | 1.000 | |
| | B3580 | NS 561 | 59 | BEN | 80 | 40 | 8.0 | 5.000 | 40.000 | H | 200J | | 30.000 | G | 1UA | 60 | | 70 | 1.000 | |
| | B3581 | NS 561 | 59 | BEN | 100 | 80 | 8.0 | 5.000 | 40.000 | H | 200J | | 30.000 | G | 1UA | 60 | | 70 | 1.000 | |
| | B3582 | NS 561 | 59 | BEN | 80 | 40 | 8.0 | 5.000 | 40.000 | H | 200J | | 30.000 | G | 1UA | 60 | | 160 | 1.000 | |
| | B3583 | NS 561 | 59 | BEN | 100 | 80 | 8.0 | 5.000 | 40.000 | H | 200J | | 30.000 | G | 1UA | 60 | | 160 | 1.000 | |
| | B3584 | NS 561 | 59 | BEN | 60 | 40 | 5.0 | 5.000 | 40.000 | H | 200J | | 30.000 | G | 1UA | 60 | | 36 | 1.000 | |
| | B3585 | NS 561 | 61 | BEN | 60 | 40 | 8.0 | 5.000 | 30.000 | H | 200J | | 30.000 | G | 1UA | 60 | | 36 | 1.000 | |
| | B3586 | NS 561 | 61 | BEN | 80 | 60 | 8.0 | 5.000 | 30.000 | H | 200J | | 30.000 | G | 1UA | 60 | | 36 | 1.000 | |
| | B3587 | NS 561 | 61 | BEN | 100 | 80 | 8.0 | 5.000 | 30.000 | H | 200J | | 30.000 | G | 1UA | 60 | | 36 | 1.000 | |
| | B3588 | NS 561 | 61 | BEN | 60 | 40 | 8.0 | 5.000 | 30.000 | H | 200J | | 30.000 | G | 1UA | 60 | | 70 | 1.000 | |
| | B3589 | NS 561 | 61 | BEN | 80 | 60 | 8.0 | 5.000 | 30.000 | H | 200J | | 30.000 | G | 1UA | 60 | | 70 | 1.000 | |
| | B3590 | NS 561 | 61 | BEN | 100 | 80 | 8.0 | 5.000 | 30.000 | H | 200J | | 30.000 | G | 1UA | 60 | | 70 | 1.000 | |
| | B3591 | NS 561 | 61 | BEN | 60 | 40 | 8.0 | 5.000 | 30.000 | H | 200J | | 30.000 | G | 1UA | 60 | | 160 | 1.000 | |
| | B3592 | NS 561 | 61 | BEN | 80 | 60 | 8.0 | 5.000 | 30.000 | H | 200J | | 30.000 | G | 1UA | 60 | | 160 | 1.000 | |
| | B3593 | NS 561 | 61 | BEN | 100 | 80 | 8.0 | 5.000 | 30.000 | H | 200J | | 30.000 | G | 1UA | 60 | | 160 | 1.000 | |
| | B3594 | NS 211 | 5 | BEN | 60 | 40 | 5.0 | 10.000 | 5.000 | H | 200J | | 30.000 | G | 1UA | 60 | | 70 | 5.000 | |
| | B3595 | NS 211 | 5 | BEN | 80 | 60 | 5.0 | 10.000 | 5.000 | H | 200J | | 30.000 | G | 1UA | 60 | | 70 | 5.000 | |
| | B3596 | NS 211 | 5 | BEN | 100 | 80 | 5.0 | 10.000 | 5.000 | H | 200J | | 30.000 | G | 1UA | 60 | | 70 | 5.000 | |
| | B3597 | NS 211 | 5 | BEN | 60 | 40 | 5.0 | 10.000 | 5.000 | H | 200J | | 15.000 | G | 1UA | 30 | | 36 | 5.000 | |
| | B3598 | NS 211 | 5 | BEN | 80 | 60 | 5.0 | 10.000 | 5.000 | H | 200J | | 15.000 | G | 1UA | 60 | | 36 | 5.000 | |
| | B3599 | NS 211 | 5 | BEN | 100 | 80 | 5.0 | 10.000 | 5.000 | H | 200J | | 15.000 | G | 1UA | 60 | | 36 | 5.000 | |
| | B3600 | NS 211 | 5 | BEN | 60 | 40 | 5.0 | 10.000 | 5.000 | H | 200J | | 15.000 | G | 1UA | 30 | | 70 | 5.000 | |
| | B3601 | NS 211 | 5 | BEN | 80 | 60 | 5.0 | 10.000 | 5.000 | H | 200J | | 15.000 | G | 1UA | 60 | | 70 | 5.000 | |
| | B3602 | NS 211 | 5 | BEN | 100 | 80 | 5.0 | 10.000 | 5.000 | H | 200J | | 15.000 | G | 1UA | 60 | | 70 | 5.000 | |
| | B3603 | NS 211 | 5 | BEN | 60 | 40 | 5.0 | 10.000 | 5.000 | H | 200J | | 15.000 | G | 1UA | 30 | | 160 | 5.000 | |
| | B3604 | NS 211 | 5 | BEN | 80 | 60 | 5.0 | 10.000 | 5.000 | H | 200J | | 15.000 | G | 1UA | 60 | | 160 | 5.000 | |
| | B3605 | NS 211 | 5 | BEN | 100 | 80 | 5.0 | 10.000 | 5.000 | H | 200J | | 15.000 | G | 1UA | 60 | | 160 | 5.000 | |
| | B3606 | NS 211 | 5 | BEN | 50 | 30 | 5.0 | 5.000 | 4.000 | H | 200J | | | | 1UA | 50 | | 40 | 1.000 | |
| | B3607 | NS 211 | 5 | BEN | 70 | 50 | 5.0 | 5.000 | 4.000 | H | 200J | | | | 1UA | 70 | | 40 | 1.000 | |
| | B3608 | NS 211 | 5 | BEN | 90 | 70 | 5.0 | 5.000 | 4.000 | H | 200J | | | | 1UA | 90 | | 40 | 1.000 | |
| | B3609 | NS 211 | 5 | BEN | 50 | 30 | 5.0 | 5.000 | 4.000 | H | 200J | | | | 1UA | 50 | | 52 | 1.000 | |
| | B3610 | NS 211 | 5 | BEN | 70 | 50 | 5.0 | 5.000 | 4.000 | H | 200J | | | | 1UA | 70 | | 52 | 1.000 | |
| | B3611 | NS 211 | 5 | BEN | 90 | 70 | 5.0 | 5.000 | 4.000 | H | 200J | | | | 1UA | 90 | | 52 | 1.000 | |
| | B3612 | NS 211 | 5 | BEN | 50 | 30 | 5.0 | 5.000 | 4.000 | H | 200J | | | | 1UA | 50 | | 88 | 1.000 | |
| | B3613 | NS 211 | 5 | BEN | 70 | 50 | 5.0 | 5.000 | 4.000 | H | 200J | | | | 1UA | 70 | | 88 | 1.000 | |
| | B3614 | NS 211 | 5 | BEN | 90 | 70 | 5.0 | 5.000 | 4.000 | H | 200J | | | | 1UA | 90 | | 88 | 1.000 | |
| | B3615 | NS 211 | 5 | BEN | 50 | 30 | 5.0 | 5.000 | 4.000 | H | 200J | | | | 1UA | 50 | | 160 | 1.000 | |
| | B3616 | NS 211 | 5 | BEN | 70 | 50 | 5.0 | 5.000 | 4.000 | H | 200J | | | | 1UA | 70 | | 160 | 1.000 | |
| | B3617 | NS 211 | 5 | BEN | 90 | 70 | 5.0 | 5.000 | 4.000 | H | 200J | | | | 1UA | 90 | | 160 | 1.000 | |
| | B3618 | NS 560 | 61 | BEN | 60 | 40 | 5.0 | 10.000 | 40.000 | H | 200J | | 15.000 | G | 1UA | 60 | | 36 | 5.000 | |
| | B3619 | NS 560 | 61 | BEN | 80 | 60 | 5.0 | 10.000 | 40.000 | H | 200J | | 15.000 | G | 1UA | 60 | | 36 | 5.000 | |
| | B3620 | NS 560 | 61 | BEN | 100 | 80 | 5.0 | 10.000 | 40.000 | H | 200J | | 15.000 | G | 1UA | 60 | | 36 | 5.000 | |
| | B3621 | NS 560 | 61 | BEN | 60 | 40 | 5.0 | 10.000 | 40.000 | H | 200J | | 15.000 | G | 1UA | 60 | | 70 | 5.000 | |
| | B3622 | NS 560 | 61 | BEN | 80 | 60 | 5.0 | 10.000 | 40.000 | H | 200J | | 15.000 | G | 1UA | 60 | | 70 | 5.000 | |
| | B3623 | NS 560 | 61 | BEN | 100 | 80 | 5.0 | 10.000 | 40.000 | H | 200J | | 15.000 | G | 1UA | 60 | | 70 | 5.000 | |
| | B3624 | NS 560 | 61 | BEN | 60 | 40 | 5.0 | 10.000 | 40.000 | H | 200J | | 15.000 | G | 1UA | 60 | | 160 | 5.000 | |
| | B3625 | NS 560 | 61 | BEN | 80 | 60 | 5.0 | 10.000 | 40.000 | H | 200J | | 15.000 | G | 1UA | 60 | | 160 | 5.000 | |
| | B3626 | NS 560 | 61 | BEN | 100 | 80 | 5.0 | 10.000 | 40.000 | H | 200J | | 15.000 | G | 1UA | 60 | | 160 | 5.000 | |
| | B3629 | NS 541 B | | BEN | 80 | 60 | 8.0 | 5.000 | 10.000 | H | 200J | | 20.000 | G | 100NA | 60 | | 70 | 1.000 | |
| | B3630 | NS 541 B | | BEN | 100 | 80 | 8.0 | 5.000 | 10.000 | H | 200J | | 20.000 | G | 100NA | 60 | | 70 | 1.000 | |
| | B3631 | NS 560 | 59 | BEN | 80 | 60 | 8.0 | 5.000 | 30.000 | H | 200J | | 30.000 | G | 100NA | 60 | | 36 | 1.000 | |
| | B3632 | NS 560 | 59 | BEN | 80 | 60 | 8.0 | 5.000 | 30.000 | H | 200J | | 50.000 | G | 100NA | 60 | | 70 | 1.000 | |
| | B3633 | NS 560 | 59 | BEN | 100 | 80 | 8.0 | 5.000 | 30.000 | H | 200J | | 30.000 | G | 100NA | 60 | | 36 | 1.000 | |
| | B3634 | NS 560 | 59 | BEN | 100 | 80 | 8.0 | 5.000 | 30.000 | H | 200J | | 50.000 | G | 100NA | 60 | | 70 | 1.000 | |
| | B3746 | NS 210 | 18 | BEN | | | | .200 | | | 200J | | | | 10MA | 20 | | 40 | .010 | |
| | B3747 | NS 541 B | | BEN | | | | .800 | | | 200J | | | | 10MA | 25 | | | | |
| | B3748 | NS 541 B | | BEN | | | | .800 | | | 200J | | | | 10MA | 25 | | | | |
| | B3749 | NS 541 B | | BEN | | | | 5.000 | | | 200J | | | | 10MA | 40 | | | | |
| | B3750 | NS 541 B | | BEN | | | | 5.000 | | | 200J | | | | 10MA | 50 | | | | |
| | B5000 | NS 920 A | | BEN | | | | 3.000 | 25.000 | H | 150J | | 2.300 | G | 2MA | 14 | | 90 | .500 | |
| | B5001 | NS 610 A | | BEN | | | | 3.000 | 45.000 | C | 200J | | 2.300 | G | 2MA | 14 | | 90 | .500 | |
| | B5002 | NS 610 A | | BEN | | | | 3.000 | 45.000 | C | 200J | | 2.300 | G | 2MA | 14 | | 90 | .500 | |
| | B5020 | NS 920 A | | SOL | | | | 3.000 | 25.000 | H | 150J | | 2.300 | G | 2MA | 14 | | 52 | .500 | |
| | B5021 | NS 610 A | | BEN | | | | 3.000 | 45.000 | C | 200J | | 2.300 | G | 2MA | 14 | | 52 | .500 | |
| | B5022 | NS 610 A | | BEN | | | | 3.000 | 45.000 | C | 200J | | 2.300 | G | 2MA | 14 | | 52 | .500 | |
| | B5030 | NS 920 A | | SOL | | | | 3.000 | 25.000 | H | 150J | | 2.300 | G | 2MA | 14 | | 90 | .500 | |
| | B5031 | NS 610 A | | BEN | | | | 3.000 | 45.000 | C | 200J | | 2.300 | G | 2MA | 14 | | 90 | .500 | |
| | B5032 | NS 610 A | | BEN | | | | 3.000 | 45.000 | C | 200J | | 2.300 | G | 2MA | 14 | | 90 | .500 | |
| | B5040 | NS 920 A | | SOL | | | | 3.000 | 25.000 | H | 150J | | 2.300 | G | 2MA | 14 | | 138 | .500 | |
| | B5041 | NS 610 A | | BEN | | | | 3.000 | 45.000 | C | 200J | | 2.300 | G | 2MA | 14 | | 138 | .500 | |
| | B5042 | NS 610 A | | BEN | | | | 3.000 | 45.000 | C | 200J | | 2.300 | G | 2MA | 14 | | 138 | .500 | |
| | B5050 | NS 920 A | | SOL | | | | 3.000 | 25.000 | H | 150J | | 2.300 | G | 2MA | 14 | | 200 | .500 | |
| | B5051 | NS 610 A | | BEN | | | | 3.000 | 45.000 | C | 200J | | 2.300 | G | 2MA | 14 | | 200 | .500 | |
| | B5052 | NS 610 A | | BEN | | | | 3.000 | 45.000 | C | 200J | | 2.300 | G | 2MA | 14 | | 200 | .500 | |
| | B5100 | NS 920 A | | BEN | | | | 3.000 | 45.000 | H | | | 2.000 | G | 2MA | 14 | | 92 | .500 | |
| | B5120 | NS 920 A | | SOL | | | | 3.000 | 45.000 | H | | | 2.000 | G | 2MA | 14 | | 49 | .500 | |
| | B5130 | NS 920 A | | SOL | | | | 3.000 | 45.000 | H | | | 2.000 | G | 2MA | 14 | | 90 | .500 | |
| | B5140 | NS 920 A | | SOL | | | | 3.000 | 45.000 | H | | | 2.000 | G | 2MA | 14 | | 143 | .500 | |
| | B5150 | NS 920 A | | SOL | | | | 3.000 | 45.000 | H | | | 2.000 | G | 2MA | 14 | | 210 | .500 | |
| | B10142 | PG 605 | 3 | BEN | 350 | | | 10.000 | 30.000 | C | 110J | | .008 | E | 200UA | 2 | | 40 | 6.000 | |
| | B10142A | PG 605 | 3 | BEN | 290 | | | 10.000 | 30.000 | C | 110J | | .008 | E | 200UA | 2 | | 40 | 6.000 | |
| | B10142B | PG 605 | 3 | BEN | 225 | | | 10.000 | 30.000 | C | 110J | | .008 | E | 200UA | 2 | | 40 | 6.000 | |
| | B10474 | PG 605 | 3 | BEN | 60 | | | 10.000 | 40.000 | C | 110J | | .008 | E | 2MA | 60 | | 150 | .400 | |
| | B10475 | PG 605 | 3 | BEN | 60 | | | 10.000 | 40.000 | C | 110J | | .008 | E | 2MA | 100 | | 150 | .400 | |
| | B10912 | PG 605 | 3 | BEN | 35 | 10 | | 3.000 | 30.000 | C | 100J | | CB AMP | | 2MA | 35 | | 50 | 1.000 | |
| | B10913 | PG 605 | 3 | BEN | 35 | 10 | | 3.000 | 30.000 | C | 100J | | CB AMP | | 2MA | 35 | | 100 | 1.000 | |
| | B102000 | PG 605 | 3 | BEN | 40 | 30 | | 7.000 | 45.000 | H | 100J | | .300 | G | 2MA | 40 | | 102 | 1.000 | |
| | B102001 | PG 605 | 3 | BEN | 50 | 40 | | 7.000 | 45.000 | H | 100J | | .300 | G | 2MA | 40 | | 102 | 1.000 | |
| | B102002 | PG 605 | 3 | BEN | 60 | 50 | | 7.000 | 45.000 | H | 100J | | .300 | G | 2MA | 40 | | 102 | 1.000 | |
| | B102003 | PG 605 | 3 | BEN | 70 | 60 | | 7.000 | 45.000 | H | 100J | | .300 | G | 2MA | 40 | | 102 | 1.000 | |
| | B103000 | PG 605 | 3 | BEN | 50 | 30 | | 10.000 | 45.000 | H | 100J | | .300 | G | 2MA | 50 | | 90 | 3.000 | |
| | B103001 | PG 605 | 3 | BEN | 60 | 40 | | 10.000 | 45.000 | H | 100J | | .300 | G | 2MA | 50 | | 90 | 3.000 | |
| | B103002 | PG 605 | 3 | BEN | 70 | 50 | | 10.000 | 45.000 | H | 100J | | .300 | G | 2MA | 50 | | 90 | 3.000 | |
| | B103003 | PG 605 | 3 | BEN | 80 | 60 | | 10.000 | 45.000 | H | 100J | | .300 | G | 2MA | 50 | | 90 | 3.000 | |
| | B103004 | PG 605 | 3 | BEN | 90 | 70 | | 10.000 | 45.000 | H | 100J | | .300 | G | 2MA | 50 | | 90 | 3.000 | |
| | B113000-BRN | PG 605 | 3 | BEN | 110 | 70 | 2.0 | 25.000 | 70.000 | H | 110J | | .500 | G | 100MA | 60 | | 90 | 2.000 | |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) Cond. | | | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ $I_C$(A) | |
| | B113000-ORG | PG 605 | 3 | BEN | 110 | 70 | 2.0 | 25.000 | 70.000 | H | 110J | .500 | G | 100MA | 60 | 224 | 2.000 |
| | B113000-RED | PG 605 | 3 | BEN | 110 | 70 | 2.0 | 25.000 | 70.000 | H | 110J | .500 | G | 100MA | 60 | 150 | 2.000 |
| | B113001-BRN | PG 605 | 3 | BEN | 130 | 80 | 2.0 | 25.000 | 70.000 | H | 110J | .500 | G | 100MA | 80 | 90 | 2.000 |
| | B113001-ORG | PG 605 | 3 | BEN | 130 | 80 | 2.0 | 25.000 | 70.000 | H | 110J | .500 | G | 100MA | 80 | 224 | 2.000 |
| | B113001-RED | PG 605 | 3 | BEN | 130 | 80 | 2.0 | 25.000 | 70.000 | H | 110J | .500 | G | 100MA | 80 | 150 | 2.000 |
| | B113002-BRN | PG 605 | 3 | BEN | 160 | 90 | 2.0 | 25.000 | 70.000 | H | 110J | .500 | G | 100MA | 100 | 90 | 2.000 |
| | B113002-ORG | PG 605 | 3 | BEN | 160 | 90 | 2.0 | 25.000 | 70.000 | H | 110J | .500 | G | 100MA | 100 | 224 | 2.000 |
| | B113002-RED | PG 605 | 3 | BEN | 160 | 90 | 2.0 | 25.000 | 70.000 | H | 110J | .500 | G | 100MA | 100 | 150 | 2.000 |
| | B113003-BRN | PG 605 | 3 | BEN | 130 | 80 | 2.0 | 25.000 | 70.000 | H | 110J | .500 | G | 10MA | 80 | 50 | 10.000 |
| | B113003-RED | PG 605 | 3 | BEN | 130 | 80 | 2.0 | 25.000 | 70.000 | H | 100J | .500 | G | 10MA | 80 | 76 | 10.000 |
| | B113004-BRN | PG 605 | 3 | BEN | 160 | 90 | 2.0 | 25.000 | 70.000 | H | 110J | .500 | G | 10MA | 90 | 50 | 10.000 |
| | B113004-RED | PG 605 | 3 | BEN | 160 | 90 | 2.0 | 25.000 | 70.000 | H | 110J | .500 | G | 10MA | 90 | 76 | 10.000 |
| | B113005-BRN | PG 605 | 3 | BEN | 170 | 100 | 2.0 | 25.000 | 70.000 | H | 110J | .500 | G | 10MA | 100 | 50 | 10.000 |
| | B113005-RED | PG 605 | 3 | BEN | 170 | 100 | 2.0 | 25.000 | 70.000 | H | 110J | .500 | G | 10MA | 100 | 76 | 10.000 |
| | B133000 | NS 54 E | | SOL | 60 | 40 | 7.0 | 4.000 | 8.300 | H | 150J | 1.000 | G | | | 175 | .500 |
| | B133001 | NS 54 E | | SOL | 60 | 40 | 7.0 | 4.000 | 8.300 | H | 150J | 1.000 | G | | | 105 | 1.000 |
| | B133002 | NS 54 E | | SOL | 60 | 40 | 7.0 | 4.000 | 8.300 | H | 150J | 1.000 | G | | | 88 | 1.500 |
| | B133003 | NS 54 E | | SOL | 80 | 60 | 7.0 | 4.000 | 8.300 | H | 150J | 1.000 | G | | | 50 | 2.000 |
| | B133004 | NS 54 E | | SOL | 80 | 60 | 7.0 | 4.000 | 8.300 | H | 150J | 1.000 | G | | | 30 | 3.000 |
| | B133005 | NS 54 E | | SOL | 80 | 60 | 7.0 | 4.000 | 8.300 | H | 150J | 1.000 | G | | | 24 | 4.000 |
| | B133006 | NS 54 E | | SOL | 100 | 80 | 7.0 | 4.000 | 8.300 | H | 150J | 1.000 | G | | | 50 | 2.000 |
| | B133007 | NS 54 E | | SOL | 100 | 80 | 7.0 | 4.000 | 8.300 | H | 150J | 1.000 | G | | | 30 | 3.000 |
| | B133008 | NS 54 E | | SOL | 100 | 80 | 7.0 | 4.000 | 8.300 | H | 150J | 1.000 | G | | | 24 | 4.000 |
| | B143000 | NS 211 | 5 | BEN | 50 | 40 | 5.0 | 5.000 | 5.000 | C | 175C | HS SW | | 1MA | 50 | 80 | 1.000 |
| | B143001 | NS 211 | 5 | BEN | 50 | 40 | 5.0 | 5.000 | 5.000 | C | 175C | HS SW | | 1MA | 50 | 90 | 1.000 |
| | B143002 | NS 211 | 5 | BEN | 50 | 40 | 5.0 | 5.000 | 5.000 | C | 175C | HS SW | | 1MA | 50 | 150 | 1.000 |
| | B143003 | NS 211 | 5 | BEN | 70 | 60 | 5.0 | 5.000 | 5.000 | C | 175C | HS SW | | 1MA | 70 | 80 | 1.000 |
| | B143004 | NS 211 | 5 | BEN | 70 | 60 | 5.0 | 5.000 | 5.000 | C | 175C | HS SW | | 1MA | 70 | 90 | 1.000 |
| | B143005 | NS 211 | 5 | BEN | 70 | 60 | 5.0 | 5.000 | 5.000 | C | 175C | HS SW | | 1MA | 70 | 150 | 1.000 |
| | B143006 | NS 211 | 5 | BEN | 90 | 80 | 5.0 | 5.000 | 5.000 | C | 175C | HS SW | | 1MA | 90 | 80 | 1.000 |
| | B143007 | NS 211 | 5 | BEN | 90 | 80 | 5.0 | 5.000 | 5.000 | C | 175C | HS SW | | 1MA | 90 | 90 | 1.000 |
| | B143008 | NS 211 | 5 | BEN | 90 | 80 | 5.0 | 5.000 | 5.000 | C | 175C | HS SW | | 1MA | 90 | 150 | 1.000 |
| | B143009 | NS 211 | 5 | BEN | 50 | 40 | 5.0 | 5.000 | 5.000 | C | 175C | 200.000 | G | 1MA | 50 | | |
| | B143010 | NS 211 | 5 | BEN | 50 | 40 | 5.0 | 5.000 | 5.000 | C | 175C | 200.000 | G | 1MA | 50 | | |
| | B143011 | NS 211 | 5 | BEN | 70 | 60 | 5.0 | 5.000 | 5.000 | C | 175C | 200.000 | G | 1MA | 70 | | |
| | B143012 | NS 211 | 5 | BEN | 70 | 60 | 5.0 | 5.000 | 5.000 | C | 175C | 200.000 | G | 1MA | 70 | | |
| | B143013 | NS 211 | 5 | BEN | 90 | 80 | 5.0 | 5.000 | 5.000 | C | 175C | 200.000 | G | 1MA | 90 | | |
| | B143014 | NS 211 | 5 | BEN | 90 | 80 | 5.0 | 5.000 | 5.000 | C | 175C | 200.000 | G | 1MA | 90 | | |
| | B143015 | NS 541 B | | BEN | 50 | 40 | 5.0 | 5.000 | 5.000 | C | 175C | HS SW | | 1MA | 50 | 80 | 1.000 |
| | B143016 | NS 541 B | | BEN | 50 | 40 | 5.0 | 5.000 | 5.000 | C | 175C | HS SW | | 1MA | 50 | 90 | 1.000 |
| | B143017 | NS 541 B | | BEN | 50 | 40 | 5.0 | 5.000 | 5.000 | C | 175C | HS SW | | 1MA | 50 | 150 | 1.000 |
| | B143018 | NS 541 B | | BEN | 70 | 60 | 5.0 | 5.000 | 5.000 | C | 175C | HS SW | | 1MA | 70 | 80 | 1.000 |
| | B143019 | NS 541 B | | BEN | 70 | 60 | 5.0 | 5.000 | 5.000 | C | 175C | HS SW | | 1MA | 70 | 90 | 1.000 |
| | B143020 | NS 541 B | | BEN | 70 | 60 | 5.0 | 5.000 | 5.000 | C | 175C | HS SW | | 1MA | 70 | 150 | 1.000 |
| | B143021 | NS 541 B | | BEN | 90 | 80 | 5.0 | 5.000 | 5.000 | C | 175C | HS SW | | 1MA | 90 | 80 | 1.000 |
| | B143022 | NS 541 B | | BEN | 90 | 80 | 5.0 | 5.000 | 5.000 | C | 175C | HS SW | | 1MA | 90 | 90 | 1.000 |
| | B143023 | NS 541 B | | BEN | 90 | 80 | 5.0 | 5.000 | 5.000 | C | 175C | HS SW | | 1MA | 90 | 150 | 1.000 |
| | B143024 | NS 541 B | | BEN | 50 | 40 | 5.0 | 5.000 | 5.000 | C | 175C | 200.000 | G | 1MA | 50 | | |
| | B143025 | NS 541 B | | BEN | 50 | 40 | 5.0 | 5.000 | 5.000 | C | 175C | 200.000 | G | 1MA | 50 | | |
| | B143026 | NS 541 B | | BEN | 70 | 60 | 5.0 | 5.000 | 5.000 | C | 175C | 200.000 | G | 1MA | 70 | | |
| | B143027 | NS 541 B | | BEN | 70 | 60 | 5.0 | 5.000 | 5.000 | C | 175C | 200.000 | G | 1MA | 70 | | |
| | B143028 | NS 541 B | | BEN | 90 | 80 | 5.0 | 5.000 | 5.000 | C | 175C | 200.000 | G | 1MA | 90 | | |
| | B143029 | NS 541 B | | BEN | 90 | 80 | 5.0 | 5.000 | 5.000 | C | 175C | 200.000 | G | 1MA | 90 | | |
| | B144000 | NS 561 | 59 | SOL | 50 | 40 | 5.0 | 10.000 | 25.000 | C | 175J | HS SW | | 1MA | 50 | 80 | 1.000 |
| | B144001 | NS 561 | 59 | SOL | 50 | 40 | 5.0 | 10.000 | 25.000 | C | 175J | HS SW | | 1MA | 50 | 90 | 1.000 |
| | B144002 | NS 561 | 59 | SOL | 50 | 40 | 5.0 | 10.000 | 25.000 | C | 175J | HS SW | | 1MA | 50 | 150 | 1.000 |
| | B144003 | NS 561 | 59 | SOL | 70 | 60 | 5.0 | 10.000 | 25.000 | C | 175J | HS SW | | 1MA | 70 | 80 | 1.000 |
| | B144004 | NS 561 | 59 | SOL | 70 | 60 | 5.0 | 10.000 | 25.000 | C | 175J | HS SW | | 1MA | 70 | 90 | 1.000 |
| | B144005 | NS 561 | 59 | SOL | 70 | 60 | 5.0 | 10.000 | 25.000 | C | 175J | HS SW | | 1MA | 70 | 150 | 1.000 |
| | B144006 | NS 561 | 59 | SOL | 90 | 80 | 5.0 | 10.000 | 25.000 | C | 175J | HS SW | | 1MA | 90 | 80 | 1.000 |
| | B144007 | NS 561 | 59 | SOL | 90 | 80 | 5.0 | 10.000 | 25.000 | C | 175J | HS SW | | 1MA | 90 | 90 | 1.000 |
| | B144008 | NS 561 | 59 | SOL | 90 | 80 | 5.0 | 10.000 | 25.000 | C | 175J | HS SW | | 1MA | 90 | 150 | 1.000 |
| | B145000 | NS 560 | 61 | SOL | 50 | 40 | 5.0 | 10.000 | 25.000 | C | 175J | HS SW | | 1MA | 50 | 80 | 1.000 |
| | B145001 | NS 560 | 61 | SOL | 50 | 40 | 5.0 | 10.000 | 25.000 | C | 175J | HS SW | | 1MA | 50 | 90 | 1.000 |
| | B145002 | NS 560 | 61 | BEN | 50 | 40 | 5.0 | 10.000 | 25.000 | C | 175J | HS SW | | 1MA | 50 | 150 | 1.000 |
| | B145003 | NS 560 | 61 | BEN | 70 | 60 | 5.0 | 10.000 | 25.000 | C | 175J | HS SW | | 1MA | 70 | 80 | 1.000 |
| | B145004 | NS 560 | 61 | BEN | 70 | 60 | 5.0 | 10.000 | 25.000 | C | 175J | HS SW | | 1MA | 70 | 90 | 1.000 |
| | B145005 | NS 560 | 61 | BEN | 70 | 60 | 5.0 | 10.000 | 25.000 | C | 175J | HS SW | | 1MA | 70 | 150 | 1.000 |
| | B145006 | NS 560 | 61 | BEN | 90 | 80 | 5.0 | 10.000 | 25.000 | C | 175J | HS SW | | 1MA | 90 | 80 | 1.000 |
| | B145007 | NS 560 | 61 | BEN | 90 | 80 | 5.0 | 10.000 | 25.000 | C | 175J | HS SW | | 1MA | 90 | 90 | 1.000 |
| | B145008 | NS 560 | 61 | BEN | 90 | 80 | 5.0 | 10.000 | 25.000 | C | 175J | | | 1MA | 90 | 150 | 1.000 |
| | B145009 | NS 560 | 61 | BEN | 50 | 40 | 5.0 | 10.000 | 25.000 | C | 175J | 200.000 | G | 1MA | 50 | | |
| | B145010 | NS 560 | 61 | BEN | 50 | 40 | 5.0 | 10.000 | 25.000 | C | 175J | 200.000 | G | 1MA | 50 | | |
| | B145011 | NS 560 | 61 | BEN | 70 | 60 | 5.0 | 10.000 | 25.000 | C | 175J | 200.000 | G | 1MA | 70 | | |
| | B145012 | NS 560 | 61 | BEN | 70 | 60 | 5.0 | 10.000 | 25.000 | C | 175J | 200.000 | G | 1MA | 70 | | |
| | B145013 | NS 560 | 61 | BEN | 90 | 80 | 5.0 | 10.000 | 25.000 | C | 175J | 200.000 | G | 1MA | 90 | | |
| | B145014 | NS 560 | 61 | BEN | 90 | 80 | 5.0 | 10.000 | 25.000 | C | 175J | 200.000 | G | 1MA | 90 | | |
| | B146000 | NS 561 | 61 | BEN | 50 | 40 | 5.0 | 10.000 | 25.000 | C | 175J | HS SW | | 1MA | 50 | 80 | 1.000 |
| | B146001 | NS 561 | 61 | BEN | 50 | 40 | 5.0 | 10.000 | 25.000 | C | 175J | HS SW | | 1MA | 50 | 90 | 1.000 |
| | B146002 | NS 561 | 61 | BEN | 50 | 40 | 5.0 | 10.000 | 25.000 | C | 175J | HS SW | | 1MA | 50 | 150 | 1.000 |
| | B146003 | NS 561 | 61 | BEN | 70 | 60 | 5.0 | 10.000 | 25.000 | C | 175J | HS SW | | 1MA | 70 | 80 | 1.000 |
| | B146004 | NS 561 | 61 | BEN | 70 | 60 | 5.0 | 10.000 | 25.000 | C | 175J | HS SW | | 1MA | 70 | 90 | 1.000 |
| | B146005 | NS 561 | 61 | BEN | 70 | 60 | 5.0 | 10.000 | 25.000 | C | 175J | HS SW | | 1MA | 70 | 150 | 1.000 |
| | B146006 | NS 561 | 61 | BEN | 90 | 80 | 5.0 | 10.000 | 25.000 | C | 175J | HS SW | | 1MA | 90 | 80 | 1.000 |
| | B146007 | NS 561 | 61 | BEN | 90 | 80 | 5.0 | 10.000 | 25.000 | C | 175J | HS SW | | 1MA | 90 | 90 | 1.000 |
| | B146008 | NS 561 | 61 | BEN | 90 | 80 | 5.0 | 10.000 | 25.000 | C | 175J | HS SW | | 1MA | 90 | 150 | 1.000 |
| | B146009 | NS 561 | 61 | BEN | 50 | 40 | 5.0 | 10.000 | 25.000 | C | 175J | 200.000 | G | 1MA | 50 | | |
| | B146010 | NS 561 | 61 | BEN | 50 | 40 | 5.0 | 10.000 | 25.000 | C | 175J | 200.000 | G | 1MA | 50 | | |
| | B146011 | NS 561 | 61 | BEN | 70 | 60 | 5.0 | 10.000 | 25.000 | C | 175J | 200.000 | G | 1MA | 70 | | |
| | B146012 | NS 561 | 61 | BEN | 70 | 60 | 5.0 | 10.000 | 25.000 | C | 175J | 200.000 | G | 1MA | 70 | | |
| | B146013 | NS 561 | 61 | BEN | 90 | 80 | 5.0 | 10.000 | 25.000 | C | 175J | 200.000 | G | 1MA | 90 | | |
| | B146014 | NS 561 | 61 | BEN | 90 | 80 | 5.0 | 10.000 | 25.000 | C | 175J | 200.000 | G | 1MA | 90 | | |
| | B148000 | NS 561 | 61 | SOL | 100 | 80 | 7.0 | 20.000 | 100.000 | C | | 60.000 | G | 10UA | 50 | 30 | 10.000 |
| | B148001 | NS 561 | 61 | SOL | 120 | 100 | 7.0 | 20.000 | 100.000 | C | | 60.000 | G | 10UA | 50 | 30 | 10.000 |
| | B148002 | NS 561 | 61 | SOL | 100 | 80 | 7.0 | 15.000 | 100.000 | C | | 60.000 | G | 10UA | 50 | 23 | 15.000 |
| | B148003 | NS 561 | 61 | SOL | 120 | 100 | 7.0 | 15.000 | 100.000 | C | | 60.000 | G | 10UA | 50 | 23 | 15.000 |
| | B148004 | NS 561 | 61 | SOL | 80 | 60 | 7.0 | 20.000 | 100.000 | C | | 60.000 | G | 10UA | 50 | 30 | 10.000 |
| | B148005 | SEE 2N5412 | | | | | | | | | | | | | | | |
| | B149000 | NS 540 | 60 | BEN | 50 | 40 | 5.0 | 10.000 | 25.000 | C | 175J | 200.000 | G | 1MA | 50 | | |
| | B149001 | NS 540 | 60 | BEN | 50 | 40 | 5.0 | 10.000 | 25.000 | C | 175J | 200.000 | G | 1MA | 50 | | |
| | B149002 | NS 540 | 60 | BEN | 70 | 60 | 5.0 | 10.000 | 25.000 | C | 175J | 200.000 | G | 1MA | 70 | | |
| | B149003 | NS 540 | 60 | BEN | 70 | 60 | 5.0 | 10.000 | 25.000 | C | 175J | 200.000 | G | 1MA | 70 | | |
| | B149004 | NS 540 | 60 | BEN | 90 | 80 | 5.0 | 10.000 | 25.000 | C | 175J | 200.000 | G | 1MA | 90 | | |
| | B149005 | NS 540 | 60 | BEN | 90 | 80 | 5.0 | 10.000 | 25.000 | C | 175J | 200.000 | G | 1MA | 90 | | |
| | B155200 | NS 560 | 61 | BEN | | 100S | 7.0 | 20.000 | 60.000 | C | 175J | 60.000 | G | 10UA | 50 | 80 | 2.000 |
| | B155001 | NS 560 | 61 | BEN | | 120S | 7.0 | 20.000 | 60.000 | C | 175J | 60.000 | G | 10UA | 50 | 80 | 2.000 |
| | B155002 | NS 560 | 61 | BEN | | 100S | 7.0 | 15.000 | 60.000 | C | 175J | 60.000 | G | 10UA | 50 | 80 | 2.000 |
| | B155003 | NS 560 | 61 | BEN | | 120S | 7.0 | 15.000 | 60.000 | C | 175J | 60.000 | G | 10UA | 50 | 80 | 2.000 |
| | B155004 | NS 560 | 61 | BEN | | 80S | 7.0 | 20.000 | 60.000 | C | 175J | 60.000 | G | 10UA | 50 | 80 | 2.000 |
| | B155005 | NS 560 | 61 | BEN | | 80S | 7.0 | 15.000 | 60.000 | C | 175J | 60.000 | G | 10UA | 50 | 80 | 2.000 |
| | B170000-BLK | NS 605 | 3 | SOL | 50 | 40 | 5.0 | 6.000 | 60.000 | C | 200J | 1.000 | G | 100NA | 40 | 30 | .500 |
| | B170000-BRN | NS 605 | 3 | SOL | 50 | 40 | 5.0 | 6.000 | 60.000 | C | 200J | 1.000 | G | 100NA | 40 | 40 | .500 |
| | B170000-ORG | NS 605 | 3 | SOL | 50 | 40 | 5.0 | 6.000 | 60.000 | C | 200J | 1.000 | G | 100NA | 40 | 76 | .500 |
| | B170000-RED | NS 605 | 3 | SOL | 50 | 40 | 5.0 | 6.000 | 60.000 | C | 200J | 1.000 | G | 100NA | 40 | 66 | .500 |
| | B170000-YEL | NS 605 | 3 | SOL | 50 | 40 | 5.0 | 6.000 | 60.000 | C | 200J | 1.000 | G | 100NA | 40 | 100 | .500 |
| | B170001-BLK | NS 605 | 3 | SOL | 50 | 40 | 5.0 | 10.000 | 90.000 | C | 200J | 1.000 | G | 100NA | 40 | 30 | .500 |
| | B170001-BRN | NS 605 | 3 | SOL | 50 | 40 | 5.0 | 10.000 | 90.000 | C | 200J | 1.000 | G | 100NA | 40 | 40 | .500 |
| | B170001-ORG | NS 605 | 3 | SOL | 50 | 40 | 5.0 | 10.000 | 90.000 | C | 200J | 1.000 | G | 100NA | 40 | 76 | .500 |
| | B170001-RED | NS 605 | 3 | SOL | 50 | 40 | 5.0 | 10.000 | 90.000 | C | 200J | 1.000 | G | 100NA | 40 | 66 | .500 |
| | B170001-YEL | NS 605 | 3 | SOL | 50 | 40 | 5.0 | 10.000 | 90.000 | C | 200J | 1.000 | G | 100NA | 40 | 100 | .500 |
| | B170002-BLK | NS 605 | 3 | SOL | 50 | 40 | 5.0 | 15.000 | 120.000 | C | 200J | 1.000 | G | 100NA | 40 | 30 | .500 |
| | B170002-BRN | NS 605 | 3 | SOL | 50 | 40 | 5.0 | 15.000 | 120.000 | C | 200J | 1.000 | G | 100NA | 40 | 40 | .500 |
| | B170002-ORG | NS 605 | 3 | SOL | 50 | 40 | 5.0 | 15.000 | 120.000 | C | 200J | 1.000 | G | 100NA | 40 | 76 | .500 |
| | B170002-RED | NS 605 | 3 | SOL | 50 | 40 | 5.0 | 15.000 | 120.000 | C | 200J | 1.000 | G | 100NA | 40 | 66 | .500 |
| | B170002-YEL | NS 605 | 3 | SOL | 50 | 40 | 5.0 | 15.000 | 120.000 | C | 200J | 1.000 | G | 100NA | 40 | 100 | .500 |
| | B170003-BLK | NS 605 | 3 | SOL | 80 | 70 | 5.0 | 6.000 | 60.000 | C | 200J | 1.000 | G | 100NA | 40 | 30 | .500 |
| | B170003-BRN | NS 605 | 3 | SOL | 80 | 70 | 5.0 | 6.000 | 60.000 | C | 200J | 1.000 | G | 100NA | 40 | 40 | .500 |
| | B170003-ORG | NS 605 | 3 | SOL | 80 | 70 | 5.0 | 6.000 | 60.000 | C | 200J | 1.000 | G | 100NA | 40 | 76 | .500 |
| | B170003-RED | NS 605 | 3 | SOL | 80 | 70 | 5.0 | 6.000 | 60.000 | C | 200J | 1.000 | G | 100NA | 40 | 66 | .500 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | | | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ $I_C$(A) | |
| | B170003-YEL | NS 605 | 3 | SOL | 80 | 70 | 5.0 | 6.000 | 60.000 | C | 200J | | 1.000 | G | 100NA | 40 | 100 | .500 |
| | B170004-BLK | NS 605 | 3 | SOL | 80 | 70 | 5.0 | 10.000 | 90.000 | C | 200J | | 1.000 | G | 100NA | 40 | 30 | .500 |
| | B170004-BRN | NS 605 | 3 | SOL | 80 | 70 | 5.0 | 10.000 | 90.000 | C | 200J | | 1.000 | G | 100NA | 40 | 40 | .500 |
| | B170004-ORG | NS 605 | 3 | SOL | 80 | 70 | 5.0 | 10.000 | 90.000 | C | 200J | | 1.000 | G | 100NA | 40 | 76 | .500 |
| | B170004-RED | NS 605 | 3 | SOL | 80 | 70 | 5.0 | 10.000 | 90.000 | C | 200J | | 1.000 | G | 100NA | 40 | 66 | .500 |
| | B170004-YEL | NS 605 | 3 | SOL | 80 | 70 | 5.0 | 10.000 | 90.000 | C | 200J | | 1.000 | G | 100NA | 40 | 100 | .500 |
| | B170005-BLK | NS 605 | 3 | SOL | 80 | 70 | 5.0 | 15.000 | 120.000 | C | 200J | | 1.000 | G | 100NA | 40 | 30 | .500 |
| | B170005-BRN | NS 605 | 3 | SOL | 80 | 70 | 5.0 | 15.000 | 120.000 | C | 200J | | 1.000 | G | 100NA | 40 | 40 | .500 |
| | B170005-ORG | NS 605 | 3 | SOL | 80 | 70 | 5.0 | 15.000 | 120.000 | C | 200J | | 1.000 | G | 100NA | 40 | 76 | .500 |
| | B170005-RED | NS 605 | 3 | SOL | 80 | 70 | 5.0 | 15.000 | 120.000 | C | 200J | | 1.000 | G | 100NA | 40 | 66 | .500 |
| | B170005-YEL | NS 605 | 3 | SOL | 80 | 70 | 5.0 | 15.000 | 120.000 | C | 200J | | 1.000 | G | 100NA | 40 | 100 | .500 |
| | B170006-BLK | NS 605 | 3 | SOL | 100 | 100 | 5.0 | 6.000 | 60.000 | C | 200J | | 1.000 | G | 100NA | 40 | 30 | .500 |
| | B170006-BRN | NS 605 | 3 | SOL | 100 | 100 | 5.0 | 6.000 | 60.000 | C | 200J | | 1.000 | G | 100NA | 40 | 40 | .500 |
| | B170006-ORG | NS 605 | 3 | SOL | 100 | 100 | 5.0 | 6.000 | 60.000 | C | 200J | | 1.000 | G | 100NA | 40 | 76 | .500 |
| | B170006-RED | NS 605 | 3 | SOL | 100 | 100 | 5.0 | 6.000 | 60.000 | C | 200J | | 1.000 | G | 100NA | 40 | 66 | .500 |
| | B170006-YEL | NS 605 | 3 | SOL | 100 | 100 | 5.0 | 6.000 | 60.000 | C | 200J | | 1.000 | G | 100NA | 40 | 100 | .500 |
| | B170007-BLK | NS 605 | 3 | SOL | 100 | 100 | 5.0 | 10.000 | 90.000 | C | 200J | | 1.000 | G | 100NA | 40 | 30 | .500 |
| | B170007-BRN | NS 605 | 3 | SOL | 100 | 100 | 5.0 | 10.000 | 90.000 | C | 200J | | 1.000 | G | 100NA | 40 | 40 | .500 |
| | B170007-ORG | NS 605 | 3 | SOL | 100 | 100 | 5.0 | 10.000 | 90.000 | C | 200J | | 1.000 | G | 100NA | 40 | 76 | .500 |
| | B170007-RED | NS 605 | 3 | SOL | 100 | 100 | 5.0 | 10.000 | 90.000 | C | 200J | | 1.000 | G | 100NA | 40 | 66 | .500 |
| | B170007-YEL | NS 605 | 3 | SOL | 100 | 100 | 5.0 | 10.000 | 90.000 | C | 200J | | 1.000 | G | 100NA | 40 | 100 | .500 |
| | B170008-BLK | NS 605 | 3 | SOL | 100 | 100 | 5.0 | 15.000 | 120.000 | C | 200J | | 1.000 | G | 100NA | 40 | 30 | .500 |
| | B170008-BRN | NS 605 | 3 | SOL | 100 | 100 | 5.0 | 15.000 | 120.000 | C | 200J | | 1.000 | G | 100NA | 40 | 40 | .500 |
| | B170008-ORG | NS 605 | 3 | SOL | 100 | 100 | 5.0 | 15.000 | 120.000 | C | 200J | | 1.000 | G | 100NA | 40 | 76 | .500 |
| | B170008-RED | NS 605 | 3 | SOL | 100 | 100 | 5.0 | 15.000 | 120.000 | C | 200J | | 1.000 | G | 100NA | 40 | 66 | .500 |
| | B170008-YEL | NS 605 | 3 | SOL | 100 | 100 | 5.0 | 15.000 | 120.000 | C | 200J | | 1.000 | G | 100NA | 40 | 100 | .500 |
| | B170009 | NS 605 | 3 | SOL | 50 | 40 | 2.0 | 6.000 | 60.000 | C | 200J | | 1.000 | G | 100NA | 40 | 60 | 1.000 |
| | B170010 | NS 605 | 3 | SOL | 50 | 40 | 2.0 | 10.000 | 90.000 | C | 200J | | 1.000 | G | 100NA | 40 | 40 | 3.000 |
| | B170011 | NS 605 | 3 | SOL | 50 | 40 | 2.0 | 15.000 | 120.000 | C | 200J | | 1.000 | G | 100NA | 40 | 24 | 5.000 |
| | B170012 | NS 605 | 3 | SOL | 80 | 70 | 2.0 | 6.000 | 60.000 | C | 200J | | 1.000 | G | 100NA | 40 | 60 | 1.000 |
| | B170013 | NS 605 | 3 | SOL | 80 | 70 | 2.0 | 10.000 | 90.000 | C | 200J | | 1.000 | G | 100NA | 40 | 40 | 3.000 |
| | B170014 | NS 605 | 3 | SOL | 80 | 70 | 2.0 | 15.000 | 120.000 | C | 200J | | 1.000 | G | 100NA | 40 | 24 | 5.000 |
| | B170015 | NS 605 | 3 | SOL | 100 | 100 | 2.0 | 6.000 | 60.000 | C | 200J | | 1.000 | G | 100NA | 40 | 60 | 1.000 |
| | B170016 | NS 605 | 3 | SOL | 100 | 100 | 2.0 | 10.000 | 90.000 | C | 200J | | 1.000 | G | 100NA | 40 | 40 | 3.000 |
| | B170017 | NS 605 | 3 | SOL | 100 | 100 | 2.0 | 15.000 | 120.000 | C | 200J | | 1.000 | G | 100NA | 40 | 24 | 5.000 |
| | B170018 | NS 605 | 3 | SOL | 50 | 40 | 5.0 | 6.000 | 60.000 | C | 200J | | 1.000 | G | 100NA | 40 | 60 | 1.000 |
| | B170019 | NS 605 | 3 | SOL | 50 | 40 | 5.0 | 10.000 | 90.000 | C | 200J | | 1.000 | G | 100NA | 40 | 40 | 3.000 |
| | B170020 | NS 605 | 3 | SOL | 50 | 40 | 5.0 | 15.000 | 120.000 | C | 200J | | 1.000 | G | 100NA | 40 | 24 | 5.000 |
| | B170021 | NS 605 | 3 | SOL | 80 | 70 | 5.0 | 6.000 | 60.000 | C | 200J | | 1.000 | G | 100NA | 40 | 60 | 1.000 |
| | B170022 | NS 605 | 3 | SOL | 80 | 70 | 5.0 | 10.000 | 90.000 | C | 200J | | 1.000 | G | 100NA | 40 | 40 | 3.000 |
| | B170023 | NS 605 | 3 | SOL | 80 | 70 | 5.0 | 15.000 | 120.000 | C | 200J | | 1.000 | G | 100NA | 40 | 24 | 5.000 |
| | B170024 | NS 605 | 3 | SOL | 100 | 100 | 5.0 | 6.000 | 60.000 | C | 200J | | 1.000 | G | 100NA | 40 | 60 | 1.000 |
| | B170025 | NS 605 | 3 | SOL | 100 | 100 | 5.0 | 10.000 | 90.000 | C | 200J | | 1.000 | G | 100NA | 40 | 40 | 3.000 |
| | B170026 | NS 605 | 3 | SOL | 100 | 100 | 5.0 | 15.000 | 120.000 | C | 200J | | 1.000 | G | 100NA | 40 | 24 | 5.000 |
| | B176000 | NS 605 | 3 | SOL | 250 | 200 | 5.0 | 5.000 | 50.000 | H | 175J | | | | 250UA | 125 | 50 | .100 |
| | B176001 | NS 605 | 3 | SOL | 250 | 200 | 5.0 | 5.000 | 50.000 | H | 175J | | | | 250UA | 125 | 40 | .500 |
| | B176002 | NS 605 | 3 | SOL | 250 | 200 | 5.0 | 5.000 | 50.000 | H | 175J | | | | 250UA | 125 | 30 | 1.500 |
| | B176003 | NS 605 | 3 | SOL | 250 | 200 | 5.0 | 5.000 | 50.000 | H | 175J | | | | 250UA | 125 | 20 | 2.500 |
| | B176004 | NS 605 | 3 | SOL | 400 | 325 | 5.0 | 5.000 | 50.000 | H | 175J | | | | 250UA | 125 | 50 | .100 |
| | B176005 | NS 605 | 3 | SOL | 400 | 325 | 5.0 | 5.000 | 50.000 | H | 175J | | | | 250UA | 125 | 40 | .500 |
| | B176006 | NS 605 | 3 | SOL | 400 | 325 | 5.0 | 5.000 | 50.000 | H | 175J | | | | 250UA | 125 | 30 | 1.500 |
| | B176007 | NS 605 | 3 | SOL | 400 | 325 | 5.0 | 5.000 | 50.000 | H | 175J | | | | 250UA | 125 | 20 | 2.500 |
| | B176008 | NS 605 | 3 | SOL | 550 | 325 | 5.0 | 5.000 | 50.000 | H | 175J | | | | 250UA | 125 | 50 | .100 |
| | B176009 | NS 605 | 3 | SOL | 550 | 325 | 5.0 | 5.000 | 50.000 | H | 175J | | | | 250UA | 125 | 40 | .500 |
| | B176010 | NS 605 | 3 | SOL | 550 | 325 | 5.0 | 5.000 | 50.000 | H | 175J | | | | 250UA | 125 | 30 | 1.500 |
| | B176011 | NS 605 | 3 | SOL | 550 | 325 | 5.0 | 5.000 | 50.000 | H | 175J | | | | 250UA | 125 | 20 | 2.500 |
| | B176012 | NS 605 | 3 | SOL | 700 | 325 | 5.0 | 5.000 | 50.000 | H | 175J | | | | 250UA | 125 | 50 | .100 |
| | B176013 | NS 605 | 3 | SOL | 700 | 325 | 5.0 | 5.000 | 50.000 | H | 175J | | | | 250UA | 125 | 40 | .500 |
| | B176014 | NS 605 | 3 | SOL | 700 | 325 | 5.0 | 5.000 | 50.000 | H | 175J | | | | 250UA | 125 | 30 | 1.500 |
| | B176015 | NS 605 | 3 | SOL | 700 | 325 | 5.0 | 5.000 | 50.000 | H | 175J | | | | 250UA | 125 | 20 | 2.500 |
| | B176024 | NS 605 | 3 | SOL | 400 | 325 | 5.0 | 5.000 | 50.000 | H | 175J | | | | 250UA | 125 | 30 | 1.500 |
| | B176025 | NS 605 | 3 | SOL | 400 | 325 | 5.0 | 5.000 | 50.000 | H | 175J | | | | 250UA | 125 | 20 | 2.500 |
| | B176026 | NS 605 | 3 | SOL | 550 | 325 | 5.0 | 5.000 | 50.000 | H | 175J | | | | 250UA | 125 | 30 | 1.500 |
| | B176027 | NS 605 | 3 | SOL | 550 | 325 | 5.0 | 5.000 | 50.000 | H | 175J | | | | 250UA | 125 | 20 | 2.500 |
| | B176028 | NS 605 | 3 | SOL | 700 | 325 | 5.0 | 5.000 | 50.000 | H | 175J | | | | 250UA | 125 | 30 | 1.500 |
| | B176029 | NS 605 | 3 | SOL | 700 | 325 | 5.0 | 5.000 | 50.000 | H | 175J | | | | 250UA | 125 | 20 | 2.500 |
| | B176030 | NS 605 | 3 | SOL | 800 | 500 | 5.0 | 5.000 | 125.000 | C | | | | | | | 15 | 3.000 |
| - | B177000 | NS 605 | 3 | BEN | 100 | 80 | | 30.000 | 150.000 | C | 200J | | .020 | E | 5MA | 100 | 30 | 10.000 |
| | BC107 | NS 211 | 18 | TFK,SIH,TIL | 45 | 45 | 5.0 | .100 | .300 | A | 175J | | 300.000 | G | 1NA | 20 | 250 | .002 |
| | BC107A | NS 211 | 18 | IMG | 50 | 45 | 5.0 | .100 | .300 | A | 175J | | 250.000 | G | 15NA | 30 | 187 | .002 |
| | BC107B | NS 211 | 18 | IMG | 50 | 45 | 5.0 | .100 | .300 | A | 175J | | 250.000 | G | 15NA | 30 | 365 | .002 |
| | BC108 | NS 211 | 18 | TFK,SIH,TIL | 30 | 20 | 5.0 | .100 | .300 | A | 175J | | 300.000 | G | 1NA | 20 | 250 | .002 |
| | BC108A | NS 211 | 18 | IMG | 30 | 20 | 5.0 | .100 | .300 | A | 175J | | 250.000 | G | 15NA | 30 | 187 | .002 |
| | BC108B | NS 211 | 18 | IMG | 30 | 20 | 5.0 | .100 | .300 | A | 175J | | 250.000 | G | 15NA | 30 | 365 | .002 |
| | BC108C | NS 211 | 18 | IMG | 30 | 20 | 5.0 | .100 | .300 | A | 175J | | 250.000 | G | 15NA | 30 | 675 | .002 |
| | BC109 | NS 211 | 18 | TFK,SIH,TIL | 30 | 20 | 5.0 | .100 | .300 | A | 175J | | 300.000 | G | 1NA | 20 | 460 | .002 |
| | BC109B | NS 211 | 18 | IMG | 30 | 20 | 5.0 | .100 | .300 | A | 175J | | 300.000 | G | 15NA | 30 | 675 | .002 |
| | BC109C | NS 211 | 18 | IMG | 30 | 20 | 5.0 | .100 | .300 | A | 175J | | 300.000 | G | 15NA | 30 | 365 | .002 |
| | BC110 | NS 210 | 18 | SIH | 80 | 80 | 8.0 | .050 | .300 | A | 175J | | 100.000 | G | 100NA | 80 | 90 | .002 |
| | BC121 | NS 47 A | | SIH | 5 | 5 | 5.0 | .075 | .250 | A | 150J | | 50.000 | G | 10NA | 2 | 300 | .001 |
| | BC122 | NS 47 A | | SIH | 30 | 20 | 5.0 | .075 | .250 | A | 150J | | 50.000 | G | 10NA | 15 | 300 | .001 |
| | BC123 | NS 47 A | | SIH | 45 | 30 | 5.0 | .075 | .250 | A | 150J | | 50.000 | G | 10NA | 25 | 200 | .001 |
| | BC129 | NS 21C | 18 | TFK | 45 | 45 | 5.0 | .100 | .175 | A | 150J | | 300.000 | G | 1NA | 20 | 250 | .002 |
| | BC130 | NS 210 | 18 | TFK | 20 | 20 | 5.0 | .100 | .175 | A | 150J | | 300.000 | G | 1NA | 20 | 250 | .002 |
| | BC131 | NS 210 | 18 | TFK | 20 | 20 | 5.0 | .100 | .175 | A | 150J | | 300.000 | G | 1NA | 20 | 460 | .002 |
| | BC140 | NS 210 | 39 | SIH | 80 | 40 | 7.0 | 1.000 | 3.700 | C | 175J | | 50.000 | G | 100NA | 60 | 102 | .150 |
| | BC140-06 | NS 211 | 39 | IMG | 80 | 40 | 7.0 | 1.000 | .750 | A | 175J | | | | 100NA | 40 | 65 | .100 |
| | BC140-10 | NS 211 | 39 | IMG | 80 | 40 | 7.0 | 1.000 | .750 | A | 175J | | | | 100NA | 40 | 103 | .100 |
| | BC140-16 | NS 211 | 39 | IMG | 80 | 40 | 7.0 | 1.000 | .750 | A | 175J | | | | 100NA | 40 | 162 | .100 |
| | BC141 | NS 210 | 39 | SIH | 100 | 60 | 7.0 | 1.000 | 3.700 | C | 175J | | 50.000 | G | 100NA | 60 | 102 | .150 |
| | BC141-06 | NS 211 | 39 | IMG | 100 | 60 | 7.0 | 1.000 | .750 | A | 175J | | | | 100NA | 60 | 65 | .100 |
| | BC141-10 | NS 211 | 39 | IMG | 100 | 60 | 7.0 | 1.000 | .750 | A | 175J | | | | 100NA | 60 | 103 | .100 |
| | BC141-16 | NS 211 | 39 | IMG | 100 | 60 | 7.0 | 1.000 | .750 | A | 175J | | | | 100NA | 60 | 162 | .100 |
| | BC142 | NS 211 | 39 | TIL | 80 | 60 | 5.0 | 1.000 | .800 | A | | | 200.000 | G | | | 30 | .200 |
| | BC143 | PS 211 | 39 | TIL | 60 | 60 | 6.0 | .600 | .600 | A | | | 200.000 | G | | | 30 | .200 |
| | BC147 | NS 985 A | | SIH | | 50S | 6.0 | .100 | .220 | A | 125J | | 250.000 | G | 15UA | 50 | 250 | .002 |
| | BC148 | NS 985 A | | SIH | | 30S | 5.0 | .100 | .220 | A | 125J | | 250.000 | G | 15UA | 30 | 350 | .002 |
| | BC149 | NS 985 A | | SIH | | 30S | 5.0 | .100 | .220 | A | 125J | | 300.000 | G | 15UA | 30 | 465 | .002 |
| | BC157 | PS 985 A | | SIH | | 50S | 5.0 | .100 | .220 | A | 125J | | 130.000 | G | 100NA | 20 | 140 | .002 |
| | BC158 | PS 985 A | | SIH | | 30S | 5.0 | .100 | .220 | A | 125J | | 130.000 | G | 100NA | 20 | 200 | .002 |
| | BC159 | PS 985 A | | SIH | | 25S | 5.0 | .100 | .220 | A | 125J | | 130.000 | G | 100NA | 20 | 250 | .002 |
| | BC160-06 | PS 211 | 39 | IMG | 40 | 40 | 5.0 | 1.000 | .750 | A | 175J | | | | 100NA | 40 | 65 | .100 |
| | BC160-10 | PS 211 | 39 | IMG | 40 | 40 | 5.0 | 1.000 | .750 | A | 175J | | | | 100NA | 40 | 103 | .100 |
| | BC160-16 | PS 211 | 39 | IMG | 40 | 40 | 5.0 | 1.000 | .750 | A | 175J | | | | 100NA | 40 | 162 | .100 |
| | BC161-06 | PS 211 | 39 | IMG | 60 | 60 | 5.0 | 1.000 | .750 | A | 175J | | | | 100NA | 60 | 65 | .100 |
| | BC161-10 | PS 211 | 39 | IMG | 60 | 60 | 5.0 | 1.000 | .750 | A | 175J | | | | 100NA | 60 | 103 | .100 |
| | BC161-16 | PS 211 | 39 | IMG | 60 | 60 | 5.0 | 1.000 | .750 | A | 175J | | | | 100NA | 60 | 162 | .100 |
| | BC167 | NS 43 | 92 | SIH | | 30S | 6.0 | .100 | .220 | A | 125J | | 250.000 | G | 15UA | 50 | 250 | .002 |
| | BC168 | NS 43 | 92 | SIH | | 30S | 5.0 | .100 | .220 | A | 125J | | 250.000 | G | 15UA | 30 | 350 | .002 |
| | BC169 | NS 43 | 92 | SIH | | 30S | 5.0 | .100 | .220 | A | 125J | | 300.000 | G | 15UA | 30 | 465 | .002 |
| | BC170A | NS 40 | 92 | IMG | 20 | 20 | 5.0 | .100 | .300 | A | 125J | | 100.000 | G | 100NA | 15 | 60 | .001 |
| | BC170B | NS 40 | 92 | IMG | 20 | 20 | 5.0 | .100 | .300 | A | 125J | | 100.000 | G | 100NA | 15 | 142 | .001 |
| | BC170C | NS 40 | 92 | IMG | 20 | 20 | 5.0 | .100 | .300 | A | 125J | | 100.000 | G | 100NA | 15 | 350 | .001 |
| | BC171A | NS 40 | 92 | IMG | 50 | 45 | 5.0 | .100 | .300 | A | 125J | | 250.000 | G | 15NA | 50 | 220 | .020 |
| | BC171B | NS 40 | 92 | IMG | 50 | 45 | 5.0 | .100 | .300 | A | 125J | | 250.000 | G | 15NA | 50 | 320 | .020 |
| | BC172A | NS 40 | 92 | IMG | 30 | 20 | 5.0 | .100 | .300 | A | 125J | | 250.000 | G | 15NA | 30 | 220 | .020 |
| | BC172B | NS 40 | 92 | IMG | 30 | 20 | 5.0 | .100 | .300 | A | 125J | | 250.000 | G | 15NA | 30 | 320 | .020 |
| | BC172C | NS 40 | 92 | IMG | 30 | 20 | 5.0 | .100 | .300 | A | 125J | | 250.000 | G | 15NA | 30 | 620 | .020 |
| | BC173B | NS 40 | 92 | IMG | 30 | 20 | 5.0 | .100 | .300 | A | 125J | | 300.000 | G | 15NA | 30 | 60 | .001 |
| | BC173C | NS 40 | 92 | IMG | 30 | 20 | 5.0 | .100 | .300 | A | 125J | | 300.000 | G | 15NA | 30 | 150 | .001 |
| | BC174A | NS 40 | 92 | IMG | 70 | 64 | 5.0 | .100 | .300 | A | 125J | | 200.000 | G | 15NA | 60 | 220 | .020 |
| | BC174B | NS 40 | 92 | IMG | 70 | 64 | 5.0 | .100 | .300 | A | 125J | | 200.000 | G | 15NA | 60 | 320 | .020 |
| | BC177 | PS 210 | 18 | SIH,TIL | | 50S | 5.0 | .100 | .300 | A | 175J | | 130.000 | G | 100NA | 20 | 105 | .002 |
| | BC178 | PS 210 | 18 | SIH,TIL | | 30S | 5.0 | .100 | .300 | A | 175J | | 130.000 | G | 100NA | 20 | 200 | .002 |
| | BC179 | PS 210 | 18 | SIH,TIL | | 25S | 5.0 | .100 | .300 | A | 175J | | 130.000 | G | 100NA | 20 | 250 | .002 |
| | BC182L | NS 43 | 92 | TIL | 60 | 50 | 5.0 | .200 | .300 | A | | | 150.000 | G | | | 220 | .002 |
| | BC183L | NS 43 | 92 | TIL | 45 | 30 | 5.0 | .200 | .300 | A | | | 150.000 | G | | | 312 | .002 |
| | BC184L | NS 43 | 92 | TIL | 45 | 530 | 5.0 | .200 | .300 | A | | | 150.000 | G | | | 375 | .002 |
| | BC192 | PS 211 | 18 | IMG | 25 | 25 | 5.0 | .500 | .400 | A | 200J | | 100.000 | G | 100NA | 20 | 120 | .050 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) Cond. | | | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ $I_C$(A) | |
| | BC201 | PS 47 A | | SIH | | 5 | 5.0 | .075 | .250 | A | 150J | 80.000 | G | 100NA | 2 | 175 | .001 |
| | BC202 | PS 47 A | | SIH | 30 | 20 | 5.0 | .075 | .250 | A | 150J | 80.000 | G | 100NA | 15 | 115 | .001 |
| | BC203 | PS 47 A | | SIH | 45 | 30 | 5.0 | .075 | .250 | A | 150J | 80.000 | G | 100NA | 25 | 115 | .001 |
| | BC212L | PS 43 | 92 | TIL | 60 | 50 | 5.0 | .200 | .300 | A | | 200.000 | G | | | 135 | .002 |
| | BC213L | PS 43 | 92 | TIL | 45 | 30 | 5.0 | .200 | .300 | A | | 200.000 | G | | | 180 | .002 |
| | BC214L | PS 43 | 92 | TIL | 45 | 30 | 5.0 | .200 | .300 | A | | 200.000 | G | | | 140 | .002 |
| | BC237A | NS 41 | 92 | IMG | 50 | 45 | 6.0 | .100 | .300 | A | 150J | | | 15NA | 50 | 170 | .002 |
| | BC237B | NS 41 | 92 | IMG | 50 | 45 | 6.0 | .100 | .300 | A | 150J | | | 15NA | 50 | 290 | .002 |
| | BC238A | NS 41 | 92 | IMG | 30 | 25 | 5.0 | .100 | .300 | A | 150J | | | 15NA | 30 | 170 | .002 |
| | BC238B | NS 41 | 92 | IMG | 30 | 25 | 5.0 | .100 | .300 | A | 150J | | | 15NA | 30 | 290 | .002 |
| | BC238C | NS 41 | 92 | IMG | 30 | 25 | 5.0 | .100 | .300 | A | 150J | | | 15NA | 30 | 500 | .002 |
| | BC239A | NS 41 | 92 | IMG | 30 | 25 | 5.0 | .100 | .300 | A | 150J | | | 15NA | 30 | 150 | .001 |
| | BC239B | NS 41 | 92 | IMG | 30 | 25 | 5.0 | .100 | .300 | A | 150J | | | 15NA | 30 | 270 | .001 |
| | BC250A | PS 40 | 92 | IMG | 20 | 20 | 5.0 | .100 | .300 | A | 125J | 180.000 | G | 100NA | 15 | 60 | .001 |
| | BC250B | PS 40 | 92 | IMG | 20 | 20 | 5.0 | .100 | .300 | A | 125J | 180.000 | G | 100NA | 15 | 142 | .001 |
| | BC250C | PS 40 | 92 | IMG | 20 | 20 | 5.0 | .100 | .300 | A | 125J | 180.000 | G | 100NA | 15 | 350 | .001 |
| | BC251A | PS 40 | 92 | IMG | 45 | 45 | 5.0 | .100 | .300 | A | 125J | 200.000 | G | 50NA | 45 | 200 | .020 |
| | BC251B | PS 40 | 92 | IMG | 45 | 45 | 5.0 | .100 | .300 | A | 125J | 200.000 | G | 50NA | 45 | 400 | .020 |
| | BC251C | PS 40 | 92 | IMG | 45 | 45 | 5.0 | .100 | .300 | A | 125J | 200.000 | G | 50NA | 45 | 600 | .020 |
| | BC252A | PS 40 | 92 | IMG | 20 | 20 | 5.0 | .100 | .300 | A | 125J | 200.000 | G | 50NA | 20 | 200 | .020 |
| | BC252B | PS 40 | 92 | IMG | 20 | 20 | 5.0 | .100 | .300 | A | 125J | 200.000 | G | 50NA | 20 | 400 | .020 |
| | BC252C | PS 40 | 92 | IMG | 20 | 20 | 5.0 | .100 | .300 | A | 125J | 200.000 | G | 50NA | 20 | 600 | .020 |
| | BC253A | PS 40 | 92 | IMG | 20 | 20 | 5.0 | .100 | .300 | A | 125J | 200.000 | G | 50NA | 20 | 60 | .001 |
| | BC253B | PS 40 | 92 | IMG | 20 | 20 | 5.0 | .100 | .300 | A | 125J | 200.000 | G | 50NA | 20 | 60 | .001 |
| | BC253C | PS 40 | 92 | IMG | 20 | 20 | 5.0 | .100 | .300 | A | 125J | 200.000 | G | 50NA | 20 | 150 | .001 |
| | BC256A | PS 40 | 92 | IMG | 64 | 64 | 5.0 | .100 | .300 | A | 125J | 200.000 | G | 50NA | 64 | 200 | .020 |
| | BC256B | PS 40 | 92 | IMG | 64 | 64 | 5.0 | .100 | .300 | A | 125J | 200.000 | G | 50NA | 64 | 400 | .020 |
| | BC257 | PS 43 | 92 | SIH | | 30S | 5.0 | .100 | .220 | A | 125J | 130.000 | G | 100NA | 20 | 140 | .002 |
| | BC258 | PS 43 | 92 | SIH | | 30S | 5.0 | .100 | .220 | A | 125J | 130.000 | G | 100NA | 20 | 200 | .002 |
| | BC259 | PS 43 | 92 | SIH | | 25S | 5.0 | .100 | .220 | A | 125J | 130.000 | G | 100NA | 20 | 250 | .002 |
| | BC260A | PS 211 | 18 | IMG | 20 | 20 | 5.0 | .100 | .300 | A | 175J | 180.000 | G | 100NA | 15 | 60 | .001 |
| | BC260B | PS 211 | 18 | IMG | 20 | 20 | 5.0 | .100 | .300 | A | 175J | 180.000 | G | 100NA | 15 | 142 | .001 |
| | BC260C | PS 211 | 18 | IMG | 20 | 20 | 5.0 | .100 | .300 | A | 175J | 180.000 | G | 100NA | 15 | 350 | .001 |
| | BC261A | PS 211 | 18 | IMG | 45 | 45 | 5.0 | .100 | .300 | A | 175J | 200.000 | G | 50NA | 45 | 200 | .020 |
| | BC261B | PS 211 | 18 | IMG | 45 | 45 | 5.0 | .100 | .300 | A | 175J | 200.000 | G | 50NA | 45 | 400 | .020 |
| | BC261C | PS 211 | 18 | IMG | 45 | 45 | 5.0 | .100 | .300 | A | 175J | 200.000 | G | 50NA | 45 | 600 | .020 |
| | BC262A | PS 211 | 18 | IMG | 20 | 20 | 5.0 | .100 | .300 | A | 175J | 200.000 | G | 50NA | 20 | 200 | .020 |
| | BC262B | PS 211 | 18 | IMG | 20 | 20 | 5.0 | .100 | .300 | A | 175J | 200.000 | G | 50NA | 20 | 400 | .020 |
| | BC262C | PS 211 | 18 | IMG | 20 | 20 | 5.0 | .100 | .300 | A | 175J | 200.000 | G | 50NA | 20 | 600 | .020 |
| | BC263A | PS 211 | 18 | IMG | 20 | 20 | 5.0 | .100 | .300 | A | 175J | 200.000 | G | 50NA | 20 | 60 | .001 |
| | BC263B | PS 211 | 18 | IMG | 20 | 20 | 5.0 | .100 | .300 | A | 175J | 200.000 | G | 50NA | 20 | 60 | .001 |
| | BC263C | PS 211 | 18 | IMG | 20 | 20 | 5.0 | .100 | .300 | A | 175J | 200.000 | G | 50NA | 20 | 150 | .001 |
| | BC266A | PS 211 | 18 | IMG | 64 | 64 | 5.0 | .100 | .300 | A | 175J | 200.000 | G | 50NA | 64 | 200 | .020 |
| | BC266B | PS 211 | 18 | IMG | 64 | 64 | 5.0 | .100 | .300 | A | 175J | 200.000 | G | 50NA | 64 | 400 | .020 |
| | BC307A | PS 41 | 92 | IMG | 50 | 45 | 5.0 | .100 | .300 | A | 150J | | | 50NA | 45 | 170 | .002 |
| | BC307B | PS 41 | 92 | IMG | 50 | 45 | 5.0 | .100 | .300 | A | 150J | | | 50NA | 45 | 290 | .002 |
| | BC307C | PS 41 | 92 | IMG | 50 | 45 | 5.0 | .100 | .300 | A | 150J | | | 50NA | 45 | 500 | .002 |
| | BC308A | PS 41 | 92 | IMG | 30 | 25 | 5.0 | .100 | .300 | A | 150J | | | 50NA | 20 | 170 | .002 |
| | BC308B | PS 41 | 92 | IMG | 30 | 25 | 5.0 | .100 | .300 | A | 150J | | | 50NA | 20 | 290 | .002 |
| | BC308C | PS 41 | 92 | IMG | 30 | 25 | 5.0 | .100 | .300 | A | 150J | | | 50NA | 20 | 500 | .002 |
| | BC309A | PS 41 | 92 | IMG | 25 | 25 | 5.0 | .100 | .300 | A | 150J | | | 50NA | 20 | 90 | .001 |
| | BC309B | PS 41 | 92 | IMG | 25 | 25 | 5.0 | .100 | .300 | A | 150J | | | 50NA | 20 | 150 | .001 |
| | BC309C | PS 41 | 92 | IMG | 25 | 25 | 5.0 | .100 | .300 | A | 150J | | | 50NA | 20 | 270 | .001 |
| | BC325 | PS 211 | 18 | TIL | 60 | 60 | 6.0 | .050 | .360 | A | | 60.000 | G | | | 70 | .001 |
| | BC326 | PS 211 | 18 | TIL | 60 | 60 | 6.0 | .050 | .360 | A | | 60.000 | G | | | 225 | .001 |
| | BC340-06 | NS 211 | 39 | IMG | 40 | 40 | 5.0 | .500 | .800 | A | 200J | | | 100NA | 40 | 65 | .050 |
| | BC340-10 | NS 211 | 39 | IMG | 40 | 40 | 5.0 | .500 | .800 | A | 200J | | | 100NA | 40 | 103 | .050 |
| | BC340-16 | NS 211 | 39 | IMG | 40 | 40 | 5.0 | .500 | .800 | A | 200J | | | 100NA | 40 | 162 | .050 |
| | BC341-06 | NS 211 | 39 | IMG | 60 | 60 | 5.0 | .500 | .800 | A | 200J | | | 100NA | 60 | 65 | .050 |
| | BC341-10 | NS 211 | 39 | IMG | 60 | 60 | 5.0 | .500 | .800 | A | 200J | | | 100NA | 60 | 103 | .050 |
| | BC360-06 | PS 211 | 39 | IMG | 40 | 40 | 5.0 | .500 | .800 | A | 200J | | | 100NA | 40 | 65 | .050 |
| | BC360-10 | PS 211 | 39 | IMG | 40 | | 5.0 | .500 | .800 | A | 200J | | | 100NA | 40 | 103 | .050 |
| | BC360-16 | PS 211 | 39 | IMG | 40 | | 5.0 | .500 | .800 | A | 200J | | | 100NA | 40 | 162 | .050 |
| | BC361-06 | PS 211 | 39 | IMG | 60 | 60 | 5.0 | .500 | .800 | A | 200J | | | 100NA | 60 | 65 | .050 |
| | BC361-10 | PS 211 | 39 | IMG | 60 | 60 | 5.0 | .500 | .800 | A | 200J | | | 100NA | 60 | 103 | .050 |
| | BC1274 | | | SEE 2N2294 | | | | | | | | | | | | | |
| | BC1274A | | | SEE 2N2295 | | | | | | | | | | | | | |
| | BC1274B | | | SEE 2N2296 | | | | | | | | | | | | | |
| | BCW34 | NS 211 | 18 | TIL | 60 | 45 | 6.0 | .600 | .360 | A | | 150.000 | G | | | 155 | .100 |
| | BCW35 | PS 211 | 18 | TIL | 60 | 45 | 6.0 | .600 | .360 | A | | 150.000 | G | | | 155 | .100 |
| | BCW36 | NS 43 | 92 | TIL | 60 | 45 | 6.0 | .600 | .300 | A | | 150.000 | G | | | 155 | .100 |
| | BCW37 | PS 43 | 92 | TIL | 60 | 45 | 6.0 | .600 | .300 | A | | 150.000 | G | | | 155 | .100 |
| | BCY10 | PS 60 A | | RAD,AMP | 32 | 32 | 12.0 | .250 | .300 | A | 150J | 1.500 | B | 100NA | 6 | 24 | .030 |
| | BCY11 | PS 60 A | | RAD,AMP | 60 | 60 | 12.0 | .500 | .300 | A | 150J | 1.500 | B | 100NA | 6 | 24 | .030 |
| | BCY12 | PS 60 A | | RAD,AMP | 32 | 32 | 12.0 | .500 | .300 | A | 150J | 2.000 | B | 100NA | 6 | 40 | .030 |
| | BCY30 | PS 210 | 5 | RAD,AMP | 64 | 64 | 45.0 | .100 | .250 | A | 150J | .250 | B | 100NA | 6 | 25 | .001 |
| | BCY31 | PS 210 | 5 | RAD,AMP | 64 | 64 | 45.0 | .100 | .250 | A | 150J | .250 | B | 100NA | 6 | 40 | .001 |
| | BCY33 | PS 210 | 5 | RAD,AMP | 32 | 32 | 16.0 | .100 | .250 | A | 150J | .450 | B | 100NA | 6 | 25 | .001 |
| | BCY34 | PS 210 | 5 | RAD,AMP | 32 | 32 | 16.0 | .100 | .250 | A | 150J | .600 | B | 100NA | 6 | 40 | .001 |
| | BCY58 | NS 210 | 18 | SIH | | 32 | 7.0 | .200 | 1.000 | A | 200J | 300.000 | G | 10UA | 32 | 300 | .032 |
| | BCY58A | NS 211 | 18 | IMG | 32 | 32 | 5.0 | .100 | .300 | A | 175J | 300.000 | G | 10NA | 32 | 225 | .020 |
| | BCY58B | NS 211 | 18 | IMG | 32 | 32 | 5.0 | .100 | .300 | A | 175J | 300.000 | G | 10NA | 32 | 280 | .020 |
| | BCY58C | NS 211 | 18 | IMG | 32 | | 5.0 | .100 | .300 | A | 175J | 300.000 | G | 10NA | 32 | 350 | .020 |
| | BCY58D | NS 211 | 18 | IMG | 32 | 32 | 5.0 | .100 | .300 | A | 175J | 300.000 | G | 10NA | 32 | 540 | .020 |
| | BCY59 | NS 210 | 18 | SIH,TIL | 45 | 45 | 7.0 | .200 | 1.000 | A | 200J | 300.000 | G | 10UA | 45 | 300 | .045 |
| | BCY59A | NS 211 | 18 | IMG | 45 | 45 | 5.0 | .100 | .300 | A | 175J | 300.000 | G | 10NA | 45 | 225 | .020 |
| | BCY59B | NS 211 | 18 | IMG | 45 | 45 | 5.0 | .100 | .300 | A | 175J | 300.000 | G | 10NA | 45 | 280 | .020 |
| | BCY59C | NS 211 | 18 | IMG | 45 | 45 | 5.0 | .100 | .300 | A | 175J | 300.000 | G | 10NA | 45 | 350 | .020 |
| | BCY59D | NS 211 | 18 | IMG | 45 | 45 | 5.0 | .100 | .300 | A | 175J | 300.000 | G | 10NA | 45 | 540 | .020 |
| | BCY65 | NS 210 | 18 | SIH | | 60 | 7.0 | .200 | 1.000 | A | 200J | 300.000 | G | 10UA | 60 | 300 | .060 |
| | BCY66 | NS 210 | 18 | SIH | 45 | 45 | 7.0 | .200 | 1.000 | A | 200J | 300.000 | G | 10UA | 45 | 290 | .045 |
| | BCY78 | PS 210 | 18 | SIH | | 32 | 5.0 | .200 | .300 | A | 175J | 200.000 | G | | | 250 | .002 |
| | BCY78A | PS 211 | 18 | IMG | 32 | 32 | 5.0 | .200 | .350 | A | 200J | | | 20NA | 25 | 180 | .010 |
| | BCY78B | PS 211 | 18 | IMG | 32 | 32 | 5.0 | .200 | .350 | A | 200J | | | 20NA | 25 | 260 | .010 |
| | BCY78C | PS 211 | 18 | IMG | 32 | 32 | 5.0 | .200 | .350 | A | 200J | | | 20NA | 25 | 360 | .010 |
| | BCY78D | PS 211 | 18 | IMG | 32 | 32 | 5.0 | .200 | .350 | A | 200J | | | 20NA | 25 | 500 | .010 |
| | BCY79 | PS 210 | 18 | SIH | | 45 | 5.0 | .200 | .300 | A | 175J | 200.000 | G | | | 250 | .002 |
| | BCY79A | PS 211 | 18 | IMG | 45 | 45 | 5.0 | .200 | .350 | A | 200J | | | 20NA | 35 | 180 | .010 |
| | BCY79B | PS 211 | 18 | IMG | 45 | 45 | 5.0 | .200 | .350 | A | 200J | | | 20NA | 35 | 260 | .010 |
| | BCY79C | PS 211 | 18 | IMG | 45 | 45 | 5.0 | .200 | .350 | A | 200J | | | 20NA | 35 | 360 | .010 |
| | BCZ10 | PS 60 A | | RAD,AMP | 25 | 25 | 20.0 | .050 | .250 | A | 150J | 1.000 | B | 100NA | 10 | 20 | .001 |
| | BCZ11 | PS 60 A | | RAD,AMP | 25 | 25 | 20.0 | .050 | .250 | A | 150J | 3.000 | B | 100NA | 10 | 35 | .001 |
| | BCZ12 | PS 60 A | | RAD,AMP | 60 | 60 | 30.0 | .050 | .250 | A | 150J | 1.000 | B | 100NA | 10 | 15 | .001 |
| | BCZ13 | PS 105 B | | RAD | 20 | 20 | | .010 | .080 | A | 125J | | | | | 20 | |
| | BCZ14 | PS 105 B | | RAD | 20 | 20 | | .010 | .080 | A | 125J | | | | | 20 | |
| | BD106A | NS 605 A | | IMG | 36 | 36 | 5.0 | 2.500 | 11.500 | C | 175J | 100.000 | G | 500NA | 32 | 88 | .500 |
| | BD106B | NS 605 A | | IMG | 36 | 36 | 5.0 | 2.500 | 11.500 | C | 175J | 100.000 | G | 500NA | 32 | 175 | .500 |
| | BD107A | NS 605 A | | IMG | 64 | 64 | 5.0 | 2.500 | 11.500 | C | 175J | 100.000 | G | 500NA | 60 | 88 | .500 |
| | BD107B | NS 605 A | | IMG | 64 | 64 | 5.0 | 2.500 | 11.500 | C | 175J | 100.000 | G | 500NA | 60 | 175 | .500 |
| | BD109 | NS 605 A | | SIH | 60 | 40 | 5.0 | 3.000 | 18.500 | C | 175J | 30.000 | G | 100NA | 40 | 105 | 1.000 |
| | BD130 | NS 605 | 3 | SIH | 100 | 60 | 7.0 | 15.000 | 100.000 | C | 200J | .700 | G | 500UA | 100 | 37 | 4.000 |
| | BDY10 | NS 605 | 3 | RAD | 50 | 50 | | 4.000 | 150.000 | C | 175J | .500 | B | | | 24 | |
| | BDY11 | NS 605 | 3 | RAD | 80 | 80 | | 4.000 | 150.000 | C | 175J | .500 | B | | | 24 | |
| | BDY12 | NS 605 A | | SIH | | 60S | 5.0 | 2.000 | 26.000 | C | 175J | 30.000 | G | 100UA | 40 | 105 | 1.000 |
| | BDY13 | NS 605 A | | SIH | | 80S | 5.0 | 2.000 | 26.000 | C | 175J | 30.000 | G | 100UA | 60 | 105 | 1.000 |
| | BDY15A | NS 605 A | | IMG | 36 | 36 | 5.0 | 2.500 | 11.500 | C | 175J | 100.000 | G | 100NA | 32 | 88 | .500 |
| | BDY15B | NS 605 A | | IMG | 36 | 36 | 5.0 | 2.500 | 11.500 | C | 175J | 100.000 | G | 100NA | 32 | 175 | .500 |
| | BDY15C | NS 605 A | | IMG | 36 | 36 | 5.0 | 2.500 | 11.500 | C | 175J | 100.000 | G | 100NA | 32 | 350 | .500 |
| | BDY16A | NS 605 A | | IMG | 64 | 64 | 5.0 | 2.500 | 11.500 | C | 175J | 100.000 | G | 100NA | 60 | 88 | .500 |
| | BDY16B | NS 605 A | | IMG | 64 | 64 | 5.0 | 2.500 | 11.500 | C | 175J | 100.000 | G | 100NA | 60 | 175 | .500 |
| | BDY23A | NS 605 | 3 | SES | 60 | 60 | 10.0 | 6.000 | 85.000 | C | 200J | 10.000 | G | 1MA | 60 | 30 | 2.000 |
| | BDY23B | NS 605 | 3 | SES | 60 | 60 | 10.0 | 6.000 | 85.000 | C | 200J | 10.000 | G | 1MA | 60 | 60 | 2.000 |
| | BDY23C | NS 605 | 3 | SES | 60 | 60 | 10.0 | 6.000 | 85.000 | C | 200J | 10.000 | G | 1MA | 60 | 120 | 2.000 |
| | BDY24A | NS 605 | 3 | SES | 100 | 90 | 10.0 | 6.000 | 85.000 | C | 200J | 10.000 | G | 1MA | 90 | 30 | 2.000 |
| | BDY24B | NS 605 | 3 | SES | 100 | 90 | 10.0 | 6.000 | 85.000 | C | 200J | 10.000 | G | 1MA | 90 | 60 | 2.000 |
| | BDY24C | NS 605 | 3 | SES | 100 | 90 | 10.0 | 6.000 | 85.000 | C | 200J | 10.000 | G | 1MA | 90 | 120 | 2.000 |
| | BDY25A | NS 605 | 3 | SES | 200 | 140 | 10.0 | 6.000 | 85.000 | C | 200J | 10.000 | G | 1MA | 120 | 30 | 2.000 |
| | BDY25B | NS 605 | 3 | SES | 200 | 140 | 10.0 | 6.000 | 85.000 | C | 200J | 10.000 | G | 1MA | 120 | 60 | 2.000 |
| | BDY25C | NS 605 | 3 | SES | 200 | 140 | 10.0 | 6.000 | 85.000 | C | 200J | 10.000 | G | 1MA | 120 | 120 | 2.000 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cont. | Temp. (°C) Cond. | | | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ $I_C$(A) | |
| | BDY26A | NS 605 | 3 | SES | 300 | 180 | 10.0 | 6.000 | 85.000 | C | 200J | 10.000 | G | 1MA | 180 | 30 | 2.000 |
| | BDY26B | NS 605 | 3 | SES | 300 | 180 | 10.0 | 6.000 | 85.000 | C | 200J | 10.000 | G | 1MA | 180 | 60 | 2.000 |
| | BDY26C | NS 605 | 3 | SES | 300 | 180 | 10.0 | 6.000 | 85.000 | C | 200J | 10.000 | G | 1MA | 180 | 120 | 2.000 |
| | BDY27A | NS 605 | 3 | SES | 400 | 200 | 10.0 | 6.000 | 85.000 | C | 200J | 10.000 | G | 1MA | 200 | 30 | 2.000 |
| | BDY27B | NS 605 | 3 | SES | 400 | 200 | 10.0 | 6.000 | 85.000 | C | 200J | 10.000 | G | 1MA | 200 | 60 | 2.000 |
| | BDY27C | NS 605 | 3 | SES | 400 | 200 | 10.0 | 6.000 | 85.000 | C | 200J | 10.000 | G | 1MA | 200 | 120 | 2.000 |
| | BDY28A | NS 605 | 3 | SES | 500 | 250 | 10.0 | 6.000 | 85.000 | C | 200J | 10.000 | G | 1MA | 250 | 30 | 2.000 |
| | BDY28B | NS 605 | 3 | SES | 500 | 250 | 10.0 | 6.000 | 85.000 | C | 200J | 10.000 | G | 1MA | 250 | 60 | 2.000 |
| | BDY28C | NS 605 | 3 | SES | 500 | 250 | 10.0 | 6.000 | 85.000 | C | 200J | 10.000 | G | 1MA | 250 | 120 | 2.000 |
| | BF110 | NS 210 | 39 | TFK,SIH | 150 | 150S | 5.0 | .040 | 2.500 | C | 175J | 150.000 | G | 100NA | 140 | 30 | .010 |
| | BF111 | NS 211 | 39 | SIH | | 200S | 5.0 | .080 | 3.000 | A | 175J | 120.000 | G | 200NA | 160 | 30 | .060 |
| | BF114 | NS 210 | 18 | TFK | 150 | 145R | 5.0 | .040 | 2.600 | C | 175J | 80.000 | G | 100NA | 100 | 30 | .010 |
| | BF115 | NS 218 | 72 | TFK,SIH | 50 | 30 | 4.0 | .030 | .145 | A | 175J | 230.000 | G | 500NA | 10 | 80 | .001 |
| | BF117 | NS 211 | 39 | IMG | 140 | 140 | 5.0 | .100 | 1.270 | H | 175J | 80.000 | G | 10NA | 100 | 38 | .030 |
| | BF118 | NS 211 | 39 | IMG | 250 | 250R | 5.0 | .100 | 5.000 | C | 175J | 110.000 | G | 50NA | 200 | 38 | .030 |
| | BF119 | NS 211 | 39 | IMG | 160 | 160R | 5.0 | .100 | 5.000 | C | 175J | 110.000 | G | 50NA | 100 | 38 | .030 |
| | BF120 | NS 211 | 18 | IMG | | 220 | 5.0 | .050 | .300 | A | 175J | | | 200NA | 200 | 30 | .010 |
| | BF121 | NS 230 A | | IMG | | 30 | | .025 | .330 | A | 125J | 100.000 | G | | | | |
| | BF123 | NS 230 A | | IMG | | 30 | | .030 | .330 | A | 125J | 35.000 | G | | | | |
| | BF125 | NS 230 A | | IMG | | 30 | | .030 | .330 | A | 125J | 100.000 | G | | | | |
| | BF127 | NS 230 A | | IMG | | 30 | | .025 | | A | 125J | 35.000 | G | | | | |
| | BF137 | NS 211 | 39 | IMG | 160 | 160 | 5.0 | .100 | 5.000 | A | 175J | 95.000 | G | 50NA | 120 | 25 | .030 |
| | BF167 | NS 218 | 72 | TFK,SES,SIH | 40 | 30 | 4.0 | .025 | .130 | A | 175J | 330.000 | G | | | 57 | .004 |
| | BF168 | NS 218 | 72 | TFK | 50 | 30 | 4.0 | .025 | .260 | A | 175J | 550.000 | G | 300NA | 20 | 100 | .007 |
| | BF173 | NS 218 | 72 | SIH | 40 | 25 | 4.0 | .025 | .260 | A | 175J | 550.000 | G | | | 88 | .007 |
| | BF177 | NS 211 | 39 | SIH | | 160S | 5.0 | .040 | .600 | A | 175J | 120.000 | G | | | 30 | .015 |
| | BF178 | NS 211 | 39 | SIH | | 160S | 5.0 | .050 | 1.700 | A | 175J | 120.000 | G | | | 30 | .030 |
| | BF179A | NS 211 | 39 | SIH | | 160S | 5.0 | .050 | 1.700 | A | 175J | 120.000 | G | | | 30 | .020 |
| | BF179B | NS 211 | 39 | SIH | | 220S | 5.0 | .050 | 1.700 | A | 175J | 120.000 | G | | | 30 | .020 |
| | BF179C | NS 211 | 39 | SIH | | 250S | 5.0 | .050 | 1.700 | A | 175J | 120.000 | G | | | 30 | .020 |
| | BF184 | NS 218 | 72 | SIH | 30 | 20 | 5.0 | .030 | .145 | A | 175J | 300.000 | G | | | 115 | .001 |
| | BF185 | NS 218 | 72 | SIH | 30 | 20 | 5.0 | .030 | .145 | A | 175J | 220.000 | G | | | 67 | .001 |
| | BF194 | NS 985 A | | SIH | 30 | 20 | 5.0 | .030 | .220 | A | 125J | 260.000 | G | | | 115 | .001 |
| | BF195 | NS 985 A | | SIH | 30 | 20 | 5.0 | .030 | .220 | A | 125J | 200.000 | G | | | 67 | .001 |
| | BF224J | NS 39 | 92 | TIL | 45 | 30 | 4.0 | .050 | .360 | A | | 300.000 | G | | | 45 | .007 |
| | BF225J | NS 39 | 92 | TIL | 50 | 40 | 4.0 | .050 | .360 | A | | 400.000 | G | | | 45 | .004 |
| | BF232 | NS 218 | 72 | SIH | | 48S | 4.0 | .030 | .270 | A | 175J | 600.000 | G | | | 45 | .007 |
| | BF237 | NS 168 | 18 | TIL | 55 | 30 | 4.0 | .030 | .360 | A | | 1.000 | | | | 45 | .001 |
| | BF238 | NS 168 | 18 | TIL | 45 | 30 | 4.0 | .030 | .360 | A | | 1.000 | | | | 105 | .001 |
| | BF257 | NS 211 | 39 | IMG,TIL | 160 | 160 | 5.0 | .100 | 5.000 | C | 175J | 90.000 | G | 50NA | 100 | 25 | .030 |
| | BF258 | NS 211 | 39 | IMG,TIL | 250 | 250 | 5.0 | .100 | 5.000 | C | 175J | 90.000 | G | 50NA | 200 | 25 | .030 |
| | BF259 | NS 211 | 39 | IMG,TIL | 300 | 300 | 5.0 | .100 | 5.000 | C | 175J | 90.000 | G | 50NA | 250 | 25 | .030 |
| | BFS29 | NS 890 A | | TIL | 45 | 45 | 5.0 | .200 | .300 | A | | | | | | 105 | .100 |
| | BFS30 | NS 890 A | | TIL | 45 | 45 | 5.0 | .200 | .300 | A | | | | | | 175 | .010 |
| | BFS31 | NS 890 A | | TIL | 45 | 30 | 5.0 | .200 | .300 | A | | | | | | 195 | .010 |
| | BFS32 | PS 890 A | | TIL | 45 | 45 | 5.0 | .200 | .300 | A | | 200.000 | G | | | 70 | .100 |
| | BFS33 | PS 890 A | | TIL | 45 | 45 | 5.0 | .200 | .300 | A | | 200.000 | G | | | 160 | .010 |
| | BFS34 | PS 890 A | | TIL | 45 | 30 | 5.0 | .200 | .300 | A | | 200.000 | G | | | 212 | .010 |
| | BFS57 | NS 890 A | | TIL | 25 | 15 | 3.0 | .050 | .200 | A | | 1400.000 | G | | | 58 | .005 |
| | BFS58 | NS 890 A | | TIL | 25 | 13 | 3.0 | .050 | .200 | A | | 1000.000 | G | | | 95 | .005 |
| | BFX55 | NS 210 | 39 | SIH | 60 | 40 | 3.5 | .400 | 3.700 | C | 175J | 500.000 | G | 50NA | 40 | 80 | .050 |
| | BFX59 | NS 217 | 72 | SIH | 30 | 20 | 3.0 | .100 | | | 175J | 800.000 | G | 10NA | 20 | 120 | .010 |
| | BFX60 | NS 218 | 72 | SIH | 40 | 25 | 4.0 | .025 | .230 | A | 175J | 550.000 | G | | | 75 | .007 |
| | BFX62 | NS 217 | 72 | SIH | 30 | | 4.0 | .012 | .150 | A | 200J | 650.000 | G | | | 40 | .002 |
| | BFY10 | NS 210 | 5 | RAD | 45 | 45 | | .050 | .300 | A | 175J | 50.000 | B | | | 50 | |
| | BFY11 | NS 210 | 5 | RAD | 45 | 45 | | .050 | .300 | A | 175J | 60.000 | B | | | 80 | |
| | BFY27 | | | SEE 2N915 | | | | | | | | | | | | | |
| | BFY33 | NS 210 | 39 | SIH | 50 | 24 | 7.0 | .500 | 2.600 | C | 200J | 100.000 | G | 20NA | 40 | 60 | .150 |
| | BFY34 | NS 210 | 39 | SIH | 40 | 30 | 7.0 | .500 | 2.600 | C | 200J | 60.000 | G | 10NA | 60 | 70 | .150 |
| | BFY39-1 | NS 211 | 18 | IMG | 45 | 25 | 5.0 | .100 | .300 | A | 175J | 150.000 | G | 50NA | 30 | 62 | .010 |
| | BFY39-2 | NS 211 | 18 | IMG | 45 | 25 | 5.0 | .100 | .300 | A | 175J | 150.000 | G | 50NA | 30 | 150 | .010 |
| | BFY39-3 | NS 211 | 18 | IMG | 45 | 25 | 5.0 | .100 | .300 | A | 175J | 150.000 | G | 50NA | 30 | 280 | .010 |
| | BFY40 | NS 211 | 39 | IMG | 60 | 30 | 7.0 | .750 | .800 | A | 200J | 100.000 | G | 100NA | 30 | 75 | .050 |
| | BFY41 | NS 211 | 39 | IMG | 120 | 60 | 5.0 | .500 | .800 | A | 200J | 100.000 | G | 100NA | 90 | 53 | .050 |
| | BFY45 | NS 210 | 39 | SIH | | 140S | 5.0 | .030 | 2.500 | A | 200J | 130.000 | G | 100NA | 140 | 60 | .010 |
| | BFY46 | NS 210 | 39 | SIH | 75 | 30 | 7.0 | .500 | 2.600 | C | 200J | 70.000 | G | 10NA | 60 | 175 | .150 |
| | BFY50 | NS 211 | 39 | IMG,TIL | 80 | 35 | 6.0 | 1.000 | 2.800 | H | 200J | 100.000 | G | 50NA | 60 | 30 | .150 |
| | BFY51 | NS 211 | 39 | IMG,TIL | 60 | 30 | 6.0 | 1.000 | 2.800 | H | 200J | 110.000 | G | 50NA | 40 | 45 | .150 |
| | BFY52 | NS 211 | 39 | IMG,TIL | 40 | 20 | 6.0 | 1.000 | 2.800 | H | 200J | 120.000 | G | 50NA | 30 | 45 | .150 |
| | BFY65 | NS 210 | 5 | TFK | 100 | 90R | 7.0 | .050 | .565 | A | 175J | 50.000 | G | 50NA | 75 | 30 | .002 |
| | BFY66 | | | SEE 2N918 | | | | | | | | | | | | | |
| | BFY69A | NS 8 A | | TFK | 25 | 18 | 5.0 | | .060 | A | 150J | 20.000 | G | 50NA | 18 | 50 | .010 |
| | BFY69B | NS 8 B | | TFK | 25 | 18 | 5.0 | | .060 | A | 150J | 20.000 | G | 50NA | 18 | 50 | .010 |
| | BFY80 | NS 210 | 18 | TFK | 100 | 90R | 7.0 | .050 | .260 | A | 175J | 50.000 | G | 50NA | 75 | 30 | .002 |
| | BLY47 | NS 605 | 3 | TIL | 100 | 75 | 8.0 | 3.000 | 40.000 | C | | 15.000 | G | | | 55 | 1.000 |
| | BLY47A | NS 605 | 66 | TIL | 100 | 75 | 8.0 | 3.000 | 40.000 | C | | 15.000 | G | | | 55 | 1.000 |
| | BLY48 | NS 605 | 3 | TIL | 100 | 75 | 8.0 | 3.000 | 40.000 | C | | 15.000 | G | | | 110 | 1.000 |
| | BLY48A | NS 605 | 66 | TIL | 100 | 75 | 8.0 | 3.000 | 40.000 | C | | 15.000 | G | | | 110 | 1.000 |
| | BLY49 | NS 605 | 3 | TIL | 250 | 150 | 8.0 | 3.000 | 40.000 | C | | 15.000 | G | | | 55 | 1.000 |
| | BLY49A | NS 605 | 66 | TIL | 250 | 150 | 8.0 | 3.000 | 40.000 | C | | 15.000 | G | | | 55 | 1.000 |
| | BLY50 | NS 605 | 3 | TIL | 250 | 150 | 8.0 | 3.000 | 40.000 | C | | 15.000 | G | | | 110 | 1.000 |
| | BLY50A | NS 605 | 66 | TIL | 250 | 150 | 8.0 | 3.000 | 40.000 | C | | 15.000 | G | | | 110 | 1.000 |
| | BLY61 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | BLY62 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | BLY63 | | | SEE RF POWER SECTION | | | | | | | | | | | | | |
| | BR100A | | | SEE 2N5527 | | | | | | | | | | | | | |
| | BR100B | NS 541 B | | SOL | 60 | 40 | 3.0 | 5.000 | 7.500 | C | 200J | 500.000 | G | 100UA | 30 | 100 | 3.000 |
| | BR100C | | | SEE 2N5528 | | | | | | | | | | | | | |
| | BR100D | NS 540 | 60 | SOL | 60 | 40 | 3.0 | 10.000 | 35.000 | C | 200J | 500.000 | G | 100UA | 30 | 100 | 3.000 |
| | BR100E | | | SEE 2N5529 | | | | | | | | | | | | | |
| | BR100F | | | SEE 2N5530 | | | | | | | | | | | | | |
| | BR101A | | | SEE 2N5531 | | | | | | | | | | | | | |
| | BR101B | NS 541 B | | SOL | 90 | 70 | 3.0 | 5.000 | 7.500 | C | 200J | 500.000 | G | 100UA | 30 | 68 | 3.000 |
| | BR101C | | | SEE 2N5532 | | | | | | | | | | | | | |
| | BR101D | NS 540 | 60 | SOL | 90 | 70 | 3.0 | 10.000 | 35.000 | C | 200J | 500.000 | G | 100UA | 30 | 68 | 3.000 |
| | BR101E | | | SEE 2N5533 | | | | | | | | | | | | | |
| | BR101F | | | SEE 2N5534 | | | | | | | | | | | | | |
| | BR200A | | | SEE 2N5535 | | | | | | | | | | | | | |
| | BR200B | | | SEE 2N5536 | | | | | | | | | | | | | |
| | BR201A | | | SEE 2N5537 | | | | | | | | | | | | | |
| | BR201B | | | SEE 2N5538 | | | | | | | | | | | | | |
| | BR300A | NS 561 | 61 | SOL | 60 | 50 | | 25.000 | 50.000 | C | | | | | | 90 | 10.000 |
| | BR300B | NS 560 | 61 | SOL | 60 | 50 | | 25.000 | 50.000 | C | | | | | | 90 | 10.000 |
| | BR301A | NS 561 | 61 | SOL | 90 | 75 | | 25.000 | 50.000 | C | | | | | | 90 | 10.000 |
| | BR301B | NS 560 | 61 | SOL | 90 | 75 | | 25.000 | 50.000 | C | | | | | | 90 | 10.000 |
| | BR400A | NS 561 | 61 | SOL | 60 | 50 | | 25.000 | 50.000 | C | | | | | | 90 | 5.000 |
| | BR400B | NS 560 | 61 | SOL | 60 | 50 | | 25.000 | 50.000 | C | | | | | | 90 | 5.000 |
| | BR401A | NS 561 | 61 | SOL | 90 | 75 | | 25.000 | 50.000 | C | | | | | | | 5.000 |
| | BR401B | NS 560 | 61 | SOL | 90 | 75 | | 25.000 | 50.000 | C | | | | | | 90 | 5.000 |
| | BSC-1015 | NS 412 | 82 | BEN | 30 | | 10.0 | .750 | 15.000 | C | 150J | .020 | E | | | 20 | |
| | BSC-1015A | NS 412 | 82 | BEN | 60 | | 10.0 | .750 | 15.000 | C | 150J | .020 | E | | | 20 | |
| | BSC-1015B | NS 412 | 82 | BEN | 100 | | 10.0 | .750 | 15.000 | C | 150J | .020 | E | | | 20 | |
| | BSC-1016 | NS 412 | 82 | BEN | 30 | | 10.0 | .750 | 15.000 | C | 150J | .020 | E | | | 20 | |
| | BSC-1016A | NS 412 | 82 | BEN | 60 | | 10.0 | .750 | 15.000 | C | 150J | .020 | E | | | 20 | |
| | BSC-1016B | NS 412 | 82 | BEN | 100 | | 10.0 | .750 | 15.000 | C | 150J | .020 | E | | | 20 | |
| | BSV53 | NS 890 A | | TIL | 40 | 15 | 4.0 | .200 | .300 | A | | 400.000 | G | | | 70 | .010 |
| | BSV54 | NS 890 A | | TIL | 20 | 12 | 4.0 | .200 | .300 | A | | 400.000 | G | | | 90 | .010 |
| | BSV55 | PS 890 A | | TIL | 20 | 15 | 5.0 | .200 | .300 | A | | 400.000 | G | | | 78 | .030 |
| | BSV55A | PS 890 A | | TIL | 12 | 12 | 4.0 | .200 | .300 | A | | 400.000 | G | | | 78 | .030 |
| | BSW72 | PS 211 | 18 | IMG | 40 | 25 | 5.0 | .500 | .400 | A | 200J | 200.000 | G | 100NA | 30 | 70 | .150 |
| | BSW73 | PS 211 | 18 | IMG | 40 | 25 | 5.0 | .500 | .400 | A | 200J | 200.000 | G | 100NA | 30 | 175 | .150 |
| | BSW74 | PS 211 | 18 | IMG | 75 | 40 | 5.0 | .500 | .400 | A | 200J | 200.000 | G | 10NA | 50 | 70 | .150 |
| | BSW75 | PS 211 | 18 | IMG | 75 | 40 | 5.0 | .500 | .400 | A | 200J | 200.000 | G | 10NA | 50 | 175 | .150 |
| | BSW82 | NS 211 | 18 | IMG | 40 | 25 | 5.0 | .500 | .500 | A | 175J | 250.000 | G | 100NA | 30 | 70 | .100 |
| | BSW83 | NS 211 | 18 | IMG | 40 | 25 | 5.0 | .500 | .500 | A | 175J | 250.000 | G | 100NA | 30 | 175 | .100 |
| | BSW84 | NS 211 | 18 | IMG | 75 | 40 | 5.0 | .500 | .500 | A | 175J | 250.000 | G | 10NA | 50 | 70 | .100 |
| | BSW85 | NS 211 | 18 | IMG | 75 | 40 | 5.0 | .500 | .500 | A | 175J | 250.000 | G | 10NA | 50 | 175 | .100 |
| | BSX22 | NS 211 | 39 | IMG | 40 | 32 | 5.0 | 1.500 | 6.000 | C | 175J | 100.000 | G | 1UA | 10 | 53 | .500 |
| | BSX23 | NS 211 | 39 | IMG | 90 | 65 | 5.0 | 1.500 | 6.000 | C | 175J | 100.000 | G | 1UA | 30 | 53 | .500 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) Cond. | | | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ $I_C$(A) | |
| | BSX25 | NS 210 | 18 | TFK | 40 | 25 | 5.0 | | .320 | A | 200J | 50.000 | G | 50NA | 30 | 30 | .005 |
| | BSX38 | NS 210 | 18 | TFK | 35 | 30 | 5.0 | .200 | .175 | A | 150J | 200.000 | G | 50NA | 25 | 65 | .010 |
| - | BSX40 | PS 211 | 39 | IMG | 30 | 30 | 5.0 | .500 | .800 | A | 200J | 100.000 | G | 25NA | 25 | 70 | .150 |
| - | BSX41 | PS 211 | 39 | IMG | 30 | 30 | 5.0 | .500 | .800 | A | 200J | 150.000 | G | 25NA | 25 | 175 | .150 |
| | BSX45 | NS 211 | 39 | SIH | | | 7.0 | 1.000 | 5.000 | C | 200J | 60.000 | G | 10NA | 60 | 70 | .150 |
| | BSX46 | NS 211 | 39 | SIH | | | 7.0 | 1.000 | 5.000 | C | 200J | 60.000 | G | 10NA | 60 | 70 | .150 |
| | BSX48 | NS 210 | 18 | SIH | 50 | 25 | 5.0 | .600 | 1.000 | C | 200J | 400.000 | G | 120NA | 50 | 42 | .100 |
| | BSX49 | NS 210 | 18 | SIH | 60 | 40 | 5.0 | .600 | 1.000 | C | 200J | 400.000 | G | 70NA | 50 | 42 | .100 |
| | BSX62 | NS 211 | 39 | SIH | | 60S | 5.0 | 2.000 | 4.400 | C | 200J | 30.000 | G | 100NA | 40 | 105 | 1.000 |
| | BSX63 | NS 211 | 39 | SIH | | 80S | 5.0 | 2.000 | 4.400 | C | 200J | 30.000 | G | 100NA | 60 | 68 | 1.000 |
| | BSY10 | NS 210 | 5 | RAD | 60 | 60 | | .050 | .300 | A | 175J | 60.000 | B | | | 90 | |
| | BSY11 | NS 210 | 5 | RAD | 60 | 60 | | .050 | .300 | A | 175J | 50.000 | B | | | 120 | |
| | BSY17 | NS 210 | 18 | SIH | 20 | 12 | 5.0 | .200 | 1.000 | C | 200J | 280.000 | G | 1UA | 20 | 35 | .010 |
| | BSY18 | NS 210 | 18 | SIH | 20 | 12 | 5.0 | .200 | 1.000 | C | 200J | 280.000 | G | 1UA | 20 | 70 | .010 |
| | BSY19 | | | SEE 2N708 | | | | | | | | | | | | | |
| | BSY21 | | | SEE 2N914 | | | | | | | | | | | | | |
| | BSY34 | NS 210 | 39 | SIH | 60 | 40 | 5.0 | .600 | 2.600 | C | 200J | 250.000 | G | 70NA | 50 | 42 | .100 |
| | BSY44 | | | SEE 2N1613 | | | | | | | | | | | | | |
| | BSY45 | | | SEE 2N1893 | | | | | | | | | | | | | |
| | BSY46 | | | SEE 2N2193 | | | | | | | | | | | | | |
| | BSY51 | NS 211 | 39 | IMG | 60 | 25 | 5.0 | .500 | .800 | A | 200J | 100.000 | G | 100NA | 30 | 70 | .150 |
| | BSY52 | NS 211 | 39 | IMG | 60 | 25 | 5.0 | .500 | .800 | A | 200J | 100.000 | G | 100NA | 30 | 175 | .150 |
| | BSY53 | NS 211 | 39 | IMG | 75 | 30 | 7.0 | .750 | .800 | A | 200J | 100.000 | G | 10NA | 60 | 70 | .150 |
| | BSY54 | NS 211 | 39 | IMG | 75 | 30 | 7.0 | .750 | .800 | A | 200J | 100.000 | G | 10NA | 60 | 175 | .150 |
| | BSY55 | NS 211 | 39 | IMG | 120 | 80 | 7.0 | .500 | .800 | A | 200J | 100.000 | G | 10NA | 90 | 70 | .150 |
| | BSY56 | NS 211 | 39 | IMG | 120 | 80 | 7.0 | .500 | .800 | A | 200J | 100.000 | G | 10NA | 90 | 175 | .150 |
| | BSY58 | NS 210 | 39 | SIH | 50 | 25 | 5.0 | .600 | 2.600 | C | 200J | 250.000 | G | 120NA | 50 | 42 | .100 |
| | BSY61 | NS 43 | 92 | SIH | 25 | 15 | 5.0 | .200 | .200 | A | 125J | 200.000 | G | 500NA | 15 | 105 | .010 |
| | BSY62 | NS 210 | 18 | SIH | 25 | 15 | 5.0 | .200 | 1.000 | C | 200J | 200.000 | G | 500NA | 15 | 95 | .010 |
| | BSY63 | NS 210 | 18 | SIH | 40 | 15 | 5.0 | .200 | 1.000 | C | 200J | 300.000 | G | 25NA | 20 | 60 | .010 |
| | BSY70 | | | SEE 2N706 | | | | | | | | | | | | | |
| | BSY71 | | | SEE 2N1711 | | | | | | | | | | | | | |
| - | BSY72 | NS 211 | 18 | IMG | 25 | 18 | 5.0 | .100 | .300 | A | 175J | 170.000 | G | 100NA | 20 | 142 | .001 |
| - | BSY73 | NS 211 | 18 | IMG | 25 | 18 | 5.0 | .100 | .300 | A | 175J | 145.000 | G | 100NA | 20 | 60 | .001 |
| - | BSY74 | NS 211 | 18 | IMG | 25 | 18 | 5.0 | .100 | .300 | A | 175J | 170.000 | G | 100NA | 20 | 142 | .001 |
| - | BSY75 | NS 211 | 18 | IMG | 40 | 32 | 5.0 | .100 | .300 | A | 175J | 145.000 | G | 50NA | 32 | 60 | .001 |
| - | BSY76 | NS 211 | 18 | IMG | 40 | 32 | 5.0 | .100 | .300 | A | 175J | 170.000 | G | 50NA | 32 | 142 | .001 |
| - | BSY77 | NS 211 | 18 | IMG | 80 | 64 | 5.0 | .100 | .300 | A | 175J | 145.000 | G | 50NA | 65 | 60 | .001 |
| - | BSY78 | NS 211 | 18 | IMG | 80 | 64 | 5.0 | .100 | .300 | A | 175J | 170.000 | G | 50NA | 65 | 142 | .001 |
| | BSY79 | NS 211 | 18 | IMG | 120 | | 5.0 | .030 | .300 | A | 175J | | | 50NA | 90 | 45 | .001 |
| - | BSY80 | NS 211 | 18 | IMG | 25 | 18 | 5.0 | .100 | .300 | A | 175J | 210.000 | G | 100NA | 20 | 300 | .001 |
| | BSY81 | NS 211 | 39 | IMG | 40 | 18 | 5.0 | 1.000 | 5.000 | C | 200J | 100.000 | G | 100NA | 30 | 70 | .150 |
| | BSY82 | NS 211 | 39 | IMG | 40 | 18 | 5.0 | 1.000 | 5.000 | C | 200J | 120.000 | G | 100NA | 30 | 175 | .150 |
| | BSY83 | NS 211 | 39 | IMG | 80 | 35 | 7.0 | 1.000 | 5.000 | C | 200J | 100.000 | G | 10NA | 60 | 70 | .150 |
| | BSY84 | NS 211 | 39 | IMG | 80 | 35 | 7.0 | 1.000 | 5.000 | C | 200J | 120.000 | G | 10NA | 60 | 175 | .150 |
| | BSY85 | NS 211 | 39 | IMG | 120 | 64 | 7.0 | 1.000 | 5.000 | C | 200J | 110.000 | G | 10NA | 90 | 70 | .150 |
| | BSY86 | NS 211 | 39 | IMG | 120 | 64 | 7.0 | 1.000 | 5.000 | C | 200J | 130.000 | G | 10NA | 90 | 175 | .150 |
| | BSY87 | NS 211 | 39 | IMG | 100 | 60 | 7.0 | .500 | .800 | A | 200J | 100.000 | G | 10NA | 75 | 70 | .150 |
| | BSY88 | NS 211 | 39 | IMG | 100 | 60 | 7.0 | .500 | .800 | A | 200J | 100.000 | G | 10NA | 75 | 175 | .150 |
| | BSY90 | NS 211 | 39 | IMG | 60 | 25 | 5.0 | .500 | .800 | A | 200J | 100.000 | G | 10NA | 30 | 375 | .150 |
| | BSY91 | NS 210 | 5 | TFK | 40 | 25 | 5.0 | | .700 | A | 200J | 50.000 | G | 50NA | 30 | 30 | .005 |
| | BSY92 | NS 210 | 5 | TFK | 60 | 40 | 5.0 | | .700 | A | 200J | 50.000 | G | 20NA | 50 | 60 | .010 |
| | BSY93 | NS 210 | 18 | TFK | 60 | 40 | 5.0 | | .320 | A | 200J | 50.000 | G | 20NA | 50 | 60 | .010 |
| - | BSY95A | NS 211 | 18 | IMG | 20 | 15 | 5.0 | .300 | .300 | A | 200J | 200.000 | G | 50NA | 16 | 75 | .010 |
| | BUL06 | NS 605 | 3 | TIL | 325 | 140 | 8.0 | 10.000 | 50.000 | C | | 15.000 | G | | | 12 | 4.000 |
| | BUL07 | NS 605 | 3 | TIL | 300 | 120 | 8.0 | 10.000 | 50.000 | C | | 15.000 | G | | | 8 | 7.000 |
| | BUY12 | NS 609 A | | SIH | 210 | 80 | 5.0 | 10.000 | 70.000 | C | 150J | 5.000 | G | 200UA | 150 | 21 | 8.000 |
| | BUY13 | NS 609 A | | SIH | 120 | 70 | 5.0 | 10.000 | 70.000 | C | 150J | 5.000 | G | 200UA | 80 | 21 | 8.000 |
| | BUY14 | NS 605 A | | SIH | 60 | 60 | 5.0 | 8.000 | 35.000 | C | 150J | 5.000 | G | 200UA | 60 | 21 | 6.000 |
| | BUY20 | NS 605 | 3 | TIL | 200 | 120 | 8.0 | 10.000 | 85.000 | C | | 15.000 | G | | | 95 | 3.000 |
| | BUY21 | NS 605 | 3 | TIL | 300 | 180 | 8.0 | 10.000 | 85.000 | C | | 15.000 | G | | | 95 | 3.000 |
| | BUY22 | NS 605 | 3 | TIL | 450 | 230 | 8.0 | 10.000 | 85.000 | C | | 15.000 | G | | | 95 | 3.000 |
| | BUY23 | NS 605 | 3 | TIL | 600 | 250 | 8.0 | 10.000 | 100.000 | C | | 15.000 | G | | | 70 | 2.500 |
| | BUY23A | NS 605 | 3 | TIL | 700 | 300 | 8.0 | 10.000 | 100.000 | C | | 15.000 | G | | | 70 | 2.500 |
| | BUY51 | NS 651 | 61 | TIL | 60 | 60 | 8.0 | 30.000 | 150.000 | C | | 10.000 | G | | | 58 | 10.000 |
| | BUY51A | NS 605 | 3 | TIL | 60 | 60 | 8.0 | 30.000 | 150.000 | C | | 10.000 | G | | | 58 | 10.000 |
| | BUY52 | NS 651 | 61 | TIL | 60 | 60 | 8.0 | 30.000 | 150.000 | C | | 10.000 | G | | | 58 | 15.000 |
| | BUY52A | NS 605 | 3 | TIL | 60 | 60 | 8.0 | 30.000 | 150.000 | C | | 10.000 | G | | | 58 | 15.000 |
| | BUY53 | NS 651 | 61 | TIL | 100 | 100 | 8.0 | 30.000 | 150.000 | C | | 10.000 | G | | | 58 | 10.000 |
| | BUY53A | NS 605 | 3 | TIL | 100 | 100 | 8.0 | 30.000 | 150.000 | C | | 10.000 | G | | | 58 | 10.000 |
| | BUY54 | NS 651 | 61 | TIL | 100 | 100 | 8.0 | 30.000 | 150.000 | C | | 10.000 | G | | | 58 | 15.000 |
| | BUY54A | NS 605 | 3 | TIL | 100 | 100 | 8.0 | 30.000 | 150.000 | C | | 10.000 | G | | | 58 | 15.000 |
| | C9080 | PS 210 | 5 | CRY | 30 | 30 | 5.0 | .100 | .400 | A | 200J | .005 | E | 10NA | 25 | 60 | .001 |
| | C9081 | PS 210 | 5 | CRY | 30 | 30 | 5.0 | .100 | .400 | A | 200J | .008 | E | 10NA | 25 | 120 | .001 |
| | C9082 | PS 210 | 18 | CRY | 30 | 30 | 5.0 | .100 | .400 | A | 200J | .005 | E | 10NA | 25 | 60 | .001 |
| | C9083 | PS 210 | 18 | CRY | 30 | 30 | 5.0 | .100 | .400 | A | 200J | .008 | E | 10NA | 25 | 120 | .001 |
| | C9084 | PS 210 | 46 | CRY | 30 | 30 | 5.0 | .100 | .400 | A | 200J | .005 | E | 10NA | 25 | 60 | .001 |
| | C9085 | PS 210 | 46 | CRY | 30 | 30 | 5.0 | .100 | .400 | A | 200J | .008 | E | 10NA | 25 | 120 | .001 |
| - | CA2D2 | PG 427 A | | MHR | 20 | | 12.0 | 3.500 | 32.000 | A | 95A | .005 | F | 4MA | 20 | 40 | |
| | CDT1309 | PG 605 | 3 | KSC | 40 | 35S | 10.0 | 3.000 | 45.000 | C | 100J | | | | | | |
| | CDT1310 | PG 605 | 3 | KSC | 40 | 35S | 35.0 | 5.000 | 45.000 | C | 100J | .008 | E | | | 70 | 2.000 |
| | CDT1311 | PG 605 | 3 | KSC | 60 | 50S | 35.0 | 5.000 | 45.000 | C | 100J | .008 | E | | | 70 | 2.000 |
| | CDT1312 | PG 605 | 3 | KSC | 80 | 60S | 35.0 | 5.000 | 45.000 | C | 100J | .008 | E | | | 70 | 2.000 |
| | CDT1313 | PG 605 | 3 | KSC | 100 | 70S | 35.0 | 5.000 | 45.000 | C | 100J | .008 | E | | | 70 | 2.000 |
| | CDT1315 | PG 605 | 3 | KSC | 100 | 75S | | 8.000 | 45.000 | C | 100J | | | | | 98 | 2.000 |
| | CDT1319 | PG 605 | 3 | KSC | 40 | 35S | 35.0 | 5.000 | 45.000 | C | 100J | .006 | E | | | 90 | 2.000 |
| | CDT1320 | PG 605 | 3 | KSC | 60 | 50S | 35.0 | 5.000 | 45.000 | C | 100J | .006 | E | | | 35 | 2.000 |
| | CDT1321 | PG 605 | 3 | KSC | 80 | 65S | 35.0 | 5.000 | 45.000 | C | 100J | .006 | E | | | 35 | 2.000 |
| | CDT1322 | PG 605 | 3 | KSC | 100 | 75S | 35.0 | 5.000 | 45.000 | C | 100J | .006 | E | | | 35 | 2.000 |
| - | CK4 | PG 110 A | | RAY | 25 | 24 | 12.0 | .100 | .080 | A | 85J | 40.000 | B | 5UA | 12 | 60 | |
| - | CK4A | PG 110 B | | RAY | 25 | 24 | 12.0 | .100 | .080 | A | 85J | 40.000 | B | 5UA | 12 | 60 | |
| - | CK13 | PG 110 A | | RAY | 18 | 18 | | .200 | .150 | A | 85J | 3.000 | B | 2UA | 12 | 25 | |
| - | CK14 | PG 110 A | | RAY | 15 | 15 | | .200 | .150 | A | 85J | 5.000 | B | 2UA | 12 | 60 | |
| - | CK16 | PG 110 A | | RAY | 12 | 12 | | .200 | .150 | A | 85J | 10.000 | B | 2UA | 12 | 80 | |
| - | CK17 | PG 110 A | | RAY | 10 | 10 | | .200 | .150 | A | 85J | 20.000 | B | 2UA | 12 | 140 | |
| - | CK22 | PG 110 A | | RAY | 35 | 20 | 12.0 | .100 | .080 | A | 85J | 1.200 | B | 6UA | 20 | 90 | |
| - | CK22A | PG 110 B | | RAY | 35 | 20 | 12.0 | .100 | .080 | A | 85J | 1.200 | B | 6UA | 20 | 90 | |
| - | CK22B | PG 295 A | | RAY | 35 | 20 | 12.0 | .100 | .080 | A | 85J | 1.200 | B | 6UA | 20 | 90 | |
| - | CK22C | PG 315 A | | RAY | 35 | 20 | 12.0 | .100 | .080 | A | 85J | 1.200 | B | 6UA | 20 | 90 | |
| - | CK25 | PG 110 A | | RAY | 20 | 20 | | .400 | .150 | A | 85J | 4.000 | B | 4UA | 2 | 30 | |
| - | CK26 | PG 110 A | | RAY | 18 | 18 | | .400 | .150 | A | 85J | 6.000 | B | 4UA | 2 | 40 | |
| - | CK27 | PG 110 A | | RAY | 15 | 15 | | .400 | .150 | A | 85J | 11.000 | B | 4UA | 2 | 55 | |
| - | CK28 | PG 110 A | | RAY | 30 | 12 | 20.0 | .400 | .080 | A | 85J | 10.000 | B | 41A | 2 | 80 | |
| - | CK28A | PG 110 B | | RAY | 30 | 12 | 20.0 | .400 | .080 | A | 85J | 10.000 | B | 4UA | 2 | 80 | |
| - | CK64 | PG 110 A | | RAY | 45 | 29 | 12.0 | .400 | .080 | A | 85J | .800 | B | 5UA | 20 | 24 | |
| - | CK65 | PG 110 A | | RAY | 45 | 30 | 12.0 | .400 | .080 | A | 85J | 1.000 | B | 5UA | 20 | 44 | |
| - | CK65A | PG 110 B | | RAY | 45 | 30 | 12.0 | .400 | .080 | A | 85J | 1.000 | B | 5UA | 20 | 44 | |
| - | CK66 | PG 110 A | | RAY | 35 | 20 | 12.0 | .400 | .080 | A | 85J | 1.000 | B | 5UA | 20 | 90 | |
| - | CK66A | PG 110 B | | RAY | 35 | 20 | 12.0 | .400 | .080 | A | 85J | 1.200 | B | 5UA | 20 | 90 | |
| - | CK67 | PG 110 A | | RAY | 35 | 15 | 12.0 | .400 | .080 | A | 85J | 1.500 | B | 5UA | 20 | 180 | |
| - | CK256 | PG 100 B | | RAY | 30 | 15 | 30.0 | 3.000 | 20.000 | C | 85J | .004 | E | 1MA | 30 | 50 | |
| - | CK258 | PG 100 B | | RAY | 60 | 30 | 60.0 | 3.000 | 20.000 | C | 85J | .004 | E | 1MA | 60 | 42 | |
| - | CK311 | PG 426 | 13 | RAY | 80 | 80R | 60.0 | 3.000 | 20.000 | C | 85J | .004 | E | 5MA | 80 | 42 | |
| - | CK312 | PG 426 | 13 | RAY | 100 | 100R | 60.0 | 3.000 | 20.000 | C | 85J | .004 | E | 5MA | 100 | 42 | |
| - | CK313 | PG 426 | 13 | RAY | 120 | 120R | 60.0 | 3.000 | 20.000 | C | 85J | .004 | E | 5MA | 120 | 42 | |
| - | CK314 | PG 426 | 13 | RAY | 150 | 150R | 60.0 | 3.000 | 20.000 | C | 85J | .004 | E | 5MA | 150 | 42 | |
| - | CK315 | PG 426 | 13 | RAY | 200 | | 60.0 | 3.000 | 20.000 | C | 85J | .004 | E | 5MA | 200 | 42 | |
| - | CK398 | NS 210 | 5 | RAY | 120 | 120S | 6.0 | .050 | .250 | A | 175J | | | 500NA | 30 | 40 | |
| - | CK419 | NS 210 | 5 | RAY | 50 | 40 | 5.0 | .050 | .250 | A | 160J | 10.000 | B | 100NA | 30 | 18 | |
| - | CK420 | NS 210 | 5 | RAY | 50 | 50 | 50.0 | .050 | .250 | A | 160J | 10.000 | B | 100NA | 30 | 300 | |
| - | CK421 | NS 210 | 5 | RAY | 50 | 50 | 50.0 | .050 | .250 | A | 160J | 10.000 | B | 100NA | 30 | 360 | |
| - | CK422 | NS 210 | 5 | RAY | 50 | 55 | 5.0 | .050 | .250 | A | 160J | 10.000 | B | 100NA | 30 | 25 | |
| - | CK474 | NS 210 | 5 | RAY | 50 | 40 | 5.0 | .050 | .250 | A | 160J | 10.000 | B | 1UA | 30 | 15 | |
| - | CK475 | NS 210 | 5 | RAY | 50 | 35 | 5.0 | .050 | .250 | A | 160J | 10.000 | B | 1UA | 30 | 28 | |
| - | CK476 | NS 210 | 5 | RAY | 50 | 30 | 5.0 | .050 | .250 | A | 160J | 10.000 | B | 1UA | 30 | 60 | |
| - | CK477 | NS 210 | 5 | RAY | 50 | 30 | 5.0 | .050 | .250 | A | 160J | 10.000 | B | 1UA | 30 | 25 | |
| - | CK721 | PG 5 C | | RAY | 15 | 15 | | .010 | .180 | A | 85J | .800 | B | 6UA | 20 | 22 | |
| - | CK722 | PG 5 C | | RAY | 22 | 22 | | .010 | .180 | A | 85J | .600 | B | 6UA | 20 | 45 | |
| - | CK725 | PG 5 C | | RAY | 24 | 12 | | .010 | .200 | A | 75A | 1.200 | B | 6UA | 6 | 90 | |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) Cond. | | | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ Ic(A) | |
| - | CK727 | PG 5 C | | RAY | 6 | | | .010 | .080 | A | 70A | .800 | B | 12UA | 2 | 50 | |
| - | CK751 | PG 5 X | | RAY | 20 | 9 | | .100 | .240 | A | 85J | 1.200 | B | 6UA | 20 | 40 | |
| - | CK754 | PG 5 D | | RAY | 10 | 10 | | .100 | .100 | A | 85J | 1.200 | B | 5UA | 20 | 300 | |
| | CK759 | | | SEE 2N111 | | | | | | | | | | | | | |
| | CK760 | | | SEE 2N112 | | | | | | | | | | | | | |
| | CK761 | | | SEE 2N113 | | | | | | | | | | | | | |
| | CK762 | | | SEE 2N114 | | | | | | | | | | | | | |
| | CK766 | | | SEE 2N211 | | | | | | | | | | | | | |
| - | CK768 | PG 10 A | | RAY | 15 | 15 | | .100 | .150 | A | 85J | 2.500 | B | 1UA | 12 | 20 | |
| - | CK790 | PS 10 A | | RAY | 45 | | 22.0 | .050 | .200 | A | 135A | .200 | B | 200NA | 20 | 15 | |
| - | CK791 | PS 10 A | | RAY | 30 | | 22.0 | .050 | .200 | A | 135A | .200 | B | 200NA | 20 | 24 | |
| - | CK793 | PS 10 A | | RAY | 30 | | 22.0 | .050 | .200 | A | 135A | .200 | B | 200NA | 20 | 20 | |
| - | CK870 | PG 5 A | | RAY | 20 | 20 | | .150 | .130 | A | 85J | .500 | B | 6UA | 20 | 12 | |
| - | CK871 | PG 5 A | | RAY | 15 | 15 | | .150 | .130 | A | 85J | .600 | B | 6UA | 20 | 20 | |
| - | CK882 | PG 10 A | | RAY | 24 | 24 | | .100 | .150 | A | 85J | 1.000 | B | 6UA | 20 | 90 | |
| - | CK888 | PG 10 A | | RAY | 12 | 12 | | .100 | .150 | A | 85J | 1.400 | B | 6UA | 20 | 140 | |
| | CK942 | | | SEE 2N1623 | | | | | | | | | | | | | |
| | CQT940A | PG 605 | 3 | KSC | 100 | 85S | 20.0 | 15.000 | 90.000 | C | 100J | | | | | 30 | |
| | CQT940B | PG 605 | 3 | KSC | 80 | 60S | 60.0 | 15.000 | 90.000 | C | 100J | | | | | 45 | |
| | CQT940BA | PG 605 | 3 | KSC | 80 | 60S | 60.0 | 15.000 | 90.000 | C | 100J | | | | | 45 | |
| | CQT1075 | PG 605 | 3 | KSC | 140 | 70S | 140.0 | 25.000 | 90.000 | C | 100J | .200 | G | | | 15 | |
| | CQT1076 | PG 605 | 3 | KSC | 115 | 60S | 115.0 | 25.000 | 90.000 | C | 100J | .200 | G | | | 22 | |
| | CQT1077 | PG 605 | 3 | KSC | 100 | 45S | 100.0 | 15.000 | 90.000 | C | 100J | .200 | G | | | 15 | |
| | CQT1110 | PG 605 | 3 | KSC | 40 | 30 | 10.0 | 5.000 | 90.000 | C | 100J | .250 | G | | | 110 | 1.000 |
| | CQT1110A | PG 605 | 3 | KSC | 40 | 30 | 10.0 | 5.000 | 90.000 | C | 100J | .250 | G | | | 110 | 1.000 |
| | CQT1111 | PG 605 | 3 | KSC | 40 | 30 | 10.0 | 5.000 | 90.000 | C | 100J | .250 | G | | | 110 | 1.000 |
| | CQT1111A | PG 605 | 3 | KSC | 40 | 30 | 10.0 | 5.000 | 90.000 | C | 100J | .250 | G | | | 110 | 1.000 |
| | CQT1112 | PG 605 | 3 | KSC | 30 | 30 | 20.0 | 10.000 | 90.000 | C | 100J | .250 | G | | | 150 | 1.000 |
| | CRT1544 | PG 607 | 41 | KSC | 60 | 40S | 30.0 | 25.000 | 90.000 | C | 100J | .005 | E | | | 56 | 25.000 |
| | CRT1545 | PG 607 | 41 | KSC | 80 | 60S | 30.0 | 25.000 | 90.000 | C | 100J | .005 | E | | | 56 | 25.000 |
| | CRT1552 | PG 607 | 41 | KSC | 40 | 30S | 30.0 | 25.000 | 90.000 | C | 100J | .005 | E | | | 43 | 25.000 |
| | CRT1553 | PG 607 | 41 | KSC | 100 | 75S | 30.0 | 25.000 | 90.000 | C | 100J | .005 | E | | | 43 | 25.000 |
| - | CTP1111 | PG 605 | 3 | CLE | 80 | 60S | 45.0 | | 45.000 | C | 95J | .004 | E | 5MA | 80 | 45 | |
| - | CTP1117 | PG 605 | 3 | CLE | 40 | | 10.0 | | 40.000 | C | 90J | .300 | B | 2MA | 40 | 100 | |
| - | CTP1133 | PG 605 | 3 | CLE | 40 | 40S | 6.0 | | 40.000 | C | 90J | .015 | E | 4MA | 40 | 60 | |
| - | CTP1135 | PG 605 | 3 | CLE | 40 | 40S | 20.0 | | 40.000 | C | 90J | 1.000 | G | 4MA | 40 | 80 | |
| - | CTP1136 | PG 605 | 3 | CLE | 60 | 60S | 20.0 | | 40.000 | C | 90J | 1.000 | G | 4MA | 60 | 80 | |
| | CTP1500 | PG 605 | 3 | KSC | 100 | 80S | 30.0 | 15.000 | 90.000 | C | 100J | | | | | 48 | 5.000 |
| | CTP1503 | PG 605 | 3 | KSC | 80 | 70S | 30.0 | 15.000 | 90.000 | C | 100J | | | | | 48 | 5.000 |
| | CTP1504 | PG 605 | 3 | KSC | 60 | 50S | 30.0 | 15.000 | 90.000 | C | 100J | | | | | 48 | 5.000 |
| | CTP1508 | PG 605 | 3 | KSC | 40 | 40S | 30.0 | 15.000 | 90.000 | C | 100J | | | | | 48 | 5.000 |
| | CTP1544 | PG 605 | 3 | KSC | 60 | 30 | 30.0 | 25.000 | 75.000 | C | 100J | .004 | E | | | 56 | 25.000 |
| | CTP1545 | PG 605 | 3 | KSC | 80 | 40 | 30.0 | 25.000 | 75.000 | C | 100J | .004 | E | | | 56 | 25.000 |
| | CTP1552 | PG 605 | 3 | KSC | 40 | 20 | 30.0 | 25.000 | 75.000 | C | 100J | .004 | E | | | 56 | 25.000 |
| | CTP1553 | PG 605 | 3 | KSC | 100 | 50 | 30.0 | 25.000 | 75.000 | C | 100J | .004 | E | | | 56 | 25.000 |
| | CTP3500 | PG 607 | 41 | KSC | 100 | 80S | 30.0 | 15.000 | 90.000 | C | 100J | | | | | 48 | 5.000 |
| | CTP3503 | PG 607 | 41 | KSC | 80 | 70S | 30.0 | 15.000 | 90.000 | C | 100J | | | | | 48 | 5.000 |
| | CTP3504 | NG 607 | 41 | KSC | 60 | 50S | 30.0 | 15.000 | 90.000 | C | 100J | | | | | 48 | 5.000 |
| | CTP3508 | NG 607 | 41 | KSC | 40 | 40S | 30.0 | 15.000 | 90.000 | C | 100J | | | | | 48 | 5.000 |
| | CTP3544 | NG 607 | 41 | KSC | 60 | 40S | 30.0 | 25.000 | 90.000 | C | 100J | .005 | E | | | 56 | 25.000 |
| | CTP3545 | NG 607 | 41 | KSC | 80 | 60S | 30.0 | 25.000 | 90.000 | C | 100J | .005 | E | | | 56 | 25.000 |
| | CTP3552 | NG 607 | 41 | KSC | 40 | 30S | 30.0 | 25.000 | 90.000 | C | 100J | .005 | E | | | 48 | 5.000 |
| | CTP3553 | NG 607 | 41 | KSC | 100 | 75S | 30.0 | 25.000 | 90.000 | C | 100J | .005 | E | | | 48 | 5.000 |
| - | D6C | NS 561 | 63 | GEC | 150 | 80 | 15.0 | 30.000 | 150.000 | H | 175J | LSSW | | 10MA | 150 | 40 | 30.000 |
| | D16G6 | NS 45 | 98 | GEC | 30 | 12 | 3.0 | .025 | .200 | A | 100J | 500.000 | G | 500NA | 30 | 30 | .005 |
| - | D16K4 | NS 45 | 98 | GEC | 30 | 30 | 4.0 | .025 | .200 | A | 100J | 580.000 | G | 50NA | 20 | 110 | .005 |
| - | D24A3391 | NS 927 A | | GEC | 25 | 25 | 5.0 | .100 | .200 | A | 100J | 120.000 | G | 100NA | 25 | 376 | .002 |
| - | D24A3391A | NS 927 A | | GEC | 25 | 25 | 5.0 | .100 | .200 | A | 100J | 120.000 | G | 100NA | 25 | 376 | .002 |
| - | D24A3392 | NS 927 A | | GEC | 25 | 25 | 5.0 | .100 | .200 | A | 100J | 140.000 | G | 100NA | 25 | 226 | .002 |
| - | D24A3393 | NS 927 A | | GEC | 25 | 25 | 5.0 | .100 | .200 | A | 100J | 140.000 | G | 100NA | 25 | 136 | .002 |
| - | D24A3394 | NS 927 A | | GEC | 25 | 25 | 5.0 | .100 | .200 | A | 100J | 140.000 | G | 100NA | 25 | 82 | .002 |
| - | D24A3900 | NS 927 A | | GEC | 18 | 18 | 5.0 | .100 | .200 | A | 100J | 160.000 | G | 100NA | 18 | 376 | .002 |
| - | D24A3900A | NS 927 A | | GEC | 18 | 18 | 5.0 | .100 | .200 | A | 100J | 160.000 | G | 100NA | 18 | 376 | .002 |
| | D26B1 | NS 132 A | | GEC | 40 | 15 | 4.5 | | .090 | A | 100J | 400.000 | G | 400NA | 20 | 36 | .010 |
| | D26B2 | NS 132 A | | GEC | 40 | 15 | 4.5 | | .090 | A | 100J | 500.000 | G | 400NA | 20 | 70 | .010 |
| | D26C1 | NS 132 A | | GEC | 25 | 25 | 5.0 | | .090 | A | 100J | MSSW | | 25NA | 18 | 52 | .010 |
| | D26C2 | NS 132 A | | GEC | 25 | 25 | 5.0 | | .090 | A | 100J | MSSW | | 25NA | 18 | 104 | .010 |
| | D26C3 | NS 132 A | | GEC | 25 | 25 | 5.0 | | .090 | A | 100J | MSSW | | 25NA | 18 | 200 | .010 |
| | D26C4 | NS 132 A | | GEC | 25 | 25 | 4.0 | | .090 | A | 100J | | | 25NA | 18 | 375 | .010 |
| | D26C5 | NS 132 A | | GEC | 25 | 25 | 4.0 | | .090 | A | 100J | | | 25NA | 18 | 600 | .010 |
| | D26E-1 | NS 132 A | | GEC | 45 | 45 | 5.0 | | .090 | A | 100J | 80.000 | G | 10NA | 45 | 300 | .010 |
| | D26E-2 | NS 132 A | | GEC | 18 | 18 | 5.0 | | .090 | A | 100J | 80.000 | G | 25NA | 18 | 58 | |
| | D26E-3 | NS 132 A | | GEC | 18 | 18 | 5.0 | | .090 | A | 100J | 80.000 | G | 25NA | 18 | 110 | |
| | D26E-4 | NS 132 A | | GEC | 18 | 18 | 5.0 | | .090 | A | 100J | 80.000 | G | 25NA | 18 | 170 | |
| | D26E-5 | NS 132 A | | GEC | 18 | 18 | 5.0 | | .090 | A | 100J | 80.000 | G | 25NA | 18 | 226 | |
| | D26E-6 | NS 132 A | | GEC | 18 | 18 | 5.0 | | .090 | A | 100J | 80.000 | G | 25NA | 18 | 120 | |
| | D26G-1 | NS 132 A | | GEC | 30 | 15 | 3.0 | | .090 | A | 100J | 600.000 | G | 10NA | 15 | 40 | .003 |
| | D27C1 | | | SEE D42C5 | | | | | | | | | | | | | |
| | D27C2 | | | SEE D42C4 | | | | | | | | | | | | | |
| | D27C3 | | | SEE D42C2 | | | | | | | | | | | | | |
| | D27C4 | | | SEE D42C1 | | | | | | | | | | | | | |
| | D27D1 | | | SEE D43C5 | | | | | | | | | | | | | |
| | D27D2 | | | SEE D43C4 | | | | | | | | | | | | | |
| | D27D3 | | | SEE D43C2 | | | | | | | | | | | | | |
| | D27D4 | | | SEE D43C1 | | | | | | | | | | | | | |
| - | D28A05 | NS 52 A | | GEC | 35 | 25 | 5.0 | .500 | 1.000 | A | 150J | 10.000 | G | 100NA | 35 | 130 | .002 |
| - | D28A06 | NS 52 A | | GEC | 35 | 25 | 5.0 | .500 | 1.000 | A | 150J | 10.000 | G | 100NA | 35 | 314 | .002 |
| - | D28A12 | NS 52 A | | GEC | 50 | 50 | 5.0 | .500 | 1.000 | A | 150J | 10.000 | G | 100NA | 50 | 130 | .002 |
| - | D28A13 | NS 52 A | | GEC | 50 | 50 | 5.0 | .500 | 1.000 | A | 150J | 10.000 | G | 100NA | 50 | 314 | .002 |
| | D28D | | | SEE D40D | | | | | | | | | | | | | |
| | D28E | | | SEE D40N | | | | | | | | | | | | | |
| - | D29A04 | NS 45 | 98 | GEC, SPR | 35 | 25 | 4.0 | .500 | .330 | A | 125J | 140.000 | G | 100NA | 35 | 70 | .050 |
| - | D29A05 | NS 45 | 98 | GEC, SPR | 35 | 25 | 4.0 | .500 | .330 | A | 125J | 140.000 | G | 100NA | 35 | 176 | .050 |
| - | D29A06 | NS 45 | 98 | GEC | 35 | 25 | 4.0 | .500 | .330 | A | 125J | 140.000 | G | 100NA | 35 | 376 | .050 |
| - | D29A07 | NS 45 | 98 | GEC | 50 | 40 | 4.0 | .500 | .330 | A | 125J | 140.000 | G | 100NA | 50 | 70 | .050 |
| - | D29A08 | NS 45 | 98 | GEC | 50 | 40 | 4.0 | .500 | .330 | A | 125J | 140.000 | G | 100NA | 50 | 176 | .050 |
| - | D29A09 | NS 45 | 98 | GEC | 50 | 40 | 4.0 | .500 | .330 | A | 125J | 140.000 | G | 100NA | 50 | 376 | .050 |
| - | D29A10 | NS 45 | 98 | GEC | 60 | 60 | 5.0 | .500 | .330 | A | 125J | 140.000 | G | 50NA | 60 | 70 | .050 |
| - | D29A11 | NS 45 | 98 | GEC | 60 | 60 | 5.0 | .500 | .330 | A | 125J | 140.000 | G | 50NA | 60 | 176 | .050 |
| - | D29A12 | NS 45 | 98 | GEC | 35 | 25 | 4.0 | .500 | .330 | A | 125J | 140.000 | G | 100NA | 35 | 376 | .050 |
| | D29E01 | PS 45 | 98 | GEC | 35 | | 5.0 | .750 | .500 | A | 135J | 100.000 | G | 100NA | 25 | 105 | .002 |
| | D29E01J1 | PS 45 B | | GEC | 35 | 25 | 5.0 | .750 | .700 | A | 135J | 100.000 | G | 100NA | 25 | 105 | .002 |
| | D29E02 | PS 45 | 98 | GEC | 35 | 25 | 5.0 | .750 | .500 | A | 135J | 135.000 | G | 100NA | 25 | 262 | .002 |
| | D29E02J1 | PS 45 B | | GEC | 35 | 25 | 5.0 | .750 | .700 | A | 135J | 135.000 | G | 100NA | 25 | 262 | .002 |
| | D29E04 | PS 45 | 98 | GEC | 50 | 40 | 5.0 | .750 | .500 | A | 135J | 100.000 | G | 100NA | 25 | 90 | .002 |
| | D29E04J1 | PS 45 B | | GEC | 50 | 40 | 5.0 | .750 | .700 | A | 135J | 100.000 | G | 100NA | 25 | 90 | .002 |
| | D29E05 | PS 45 | 98 | GEC | 50 | 40 | 5.0 | .750 | .500 | A | 135J | 125.000 | G | 100NA | 25 | 150 | .002 |
| | D29E05J1 | PS 45 B | | GEC | 50 | 40 | 5.0 | .750 | .700 | A | 135J | 120.000 | G | 100NA | 25 | 150 | .002 |
| | D29E06 | PS 45 | 98 | GEC | 50 | 40 | 5.0 | .750 | .500 | A | 135J | 135.000 | G | 100NA | 25 | 225 | .002 |
| | D29E06J1 | PS 45 B | | GEC | 50 | 40 | 5.0 | .750 | .700 | A | 135J | 135.000 | G | 100NA | 25 | 225 | .002 |
| | D29E07 | PS 45 | 98 | GEC | 50 | 40 | 5.0 | .750 | .500 | A | 135J | 150.000 | G | 100NA | 25 | 375 | .002 |
| | D29E07J1 | PS 45 B | | GEC | 50 | 40 | 5.0 | .750 | .700 | A | 135J | 150.000 | G | 100NA | 25 | 375 | .002 |
| | D29E08 | PS 45 | 98 | GEC | 70 | 60 | 5.0 | .750 | .500 | A | 135J | 80.000 | G | 100NA | 25 | 60 | .002 |
| | D29E08J1 | PS 45 B | | GEC | 70 | 60 | 5.0 | .750 | .700 | A | 135J | 80.000 | G | 100NA | 25 | 60 | .002 |
| | D29E09 | PS 45 | 98 | GEC | 70 | 60 | 5.0 | .750 | .500 | A | 135J | 100.000 | G | 100NA | 25 | 90 | .002 |
| | D29E09J1 | PS 45 B | | GEC | 70 | 60 | 5.0 | .750 | .700 | A | 135J | 100.000 | G | 100NA | 25 | 90 | .002 |
| | D29E10 | PS 45 | 98 | GEC | 70 | 60 | 5.0 | .750 | .500 | A | 135J | 120.000 | G | 100NA | 25 | 150 | .002 |
| | D29E10J1 | PS 45 B | | GEC | 70 | 60 | 5.0 | .750 | .700 | A | 135J | 120.000 | G | 100NA | 25 | 150 | .002 |
| | D30A1 | PS 132 A | | GEC | 25 | 25 | 4.0 | | .090 | A | 100J | | | 25NA | 18 | 52 | .010 |
| | D30A2 | PS 132 A | | GEC | 25 | 25 | 4.0 | | .090 | A | 100J | | | 25NA | 18 | 104 | .010 |
| | D30A3 | PS 132 A | | GEC | 25 | 25 | 4.0 | | .090 | A | 100J | | | 25NA | 18 | 200 | .010 |
| | D30A4 | PS 132 A | | GEC | 25 | 25 | 4.0 | | .090 | A | 100J | | | 25NA | 18 | 375 | .010 |
| | D30A5 | PS 132 A | | GEC | 25 | 25 | 4.0 | | .090 | A | 100J | | | 25NA | 18 | 600 | .010 |
| | D31B | | | SEE D41D | | | | | | | | | | | | | |
| | D33D21 | NS 45 | 98 | GEC | 35 | 25 | 5.0 | .750 | .500 | A | 135J | 100.000 | G | 100NA | 25 | 105 | .002 |
| | D33D21J1 | NS 45 B | | GEC | 35 | 25 | 5.0 | .750 | .700 | A | 135J | 100.000 | G | 100NA | 25 | 105 | .002 |
| | D33D22 | NS 45 | 98 | GEC | 35 | 25 | 5.0 | .750 | .500 | A | 135J | 135.000 | G | 100NA | 25 | 262 | .002 |
| | D33D22J1 | NS 45 B | | GEC | 35 | 25 | 5.0 | .750 | .700 | A | 135J | 135.000 | G | 100NA | 25 | 262 | .002 |
| | D33D24 | NS 45 | 98 | GEC | 50 | 40K | | .750 | .500 | A | 135J | 100.000 | G | 100NA | 25 | 90 | .002 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Cutoff | Gain |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Temp. (°C) Cond. | Condition | $I_{CBO}$ @ $V_{CB}$ | $h_{FE}$ @ $I_C$(A) |
| | D33D24J1 | NS 45 B | | GEC | 50 | 40 | 5.0 | .750 | .700 A | 135J | 100.000 G | 100NA 25 | 90 .002 |
| | D33D25 | NS 45 | 98 | GEC | 50 | 40K | | .750 | .500 A | 135J | 120.000 G | 100NA 25 | 150 .002 |
| | D33D25J1 | NS 45 B | | GEC | 50 | 40 | 5.0 | .750 | .700 A | 135J | 120.000 G | 100NA 25 | 150 .002 |
| | D33D26 | NS 45 | 98 | GEC | 50 | 40K | | .750 | .500 A | 135J | 135.000 G | 100NA 25 | 225 .002 |
| | D33D26J1 | NS 45 B | | GEC | 50 | 40 | 5.0 | .750 | .700 A | 135J | 135.000 G | 100NA 25 | 225 .002 |
| | D33D27 | NS 45 | 98 | GEC | 50 | 40K | | .750 | .500 A | 135J | 150.000 G | 100NA 25 | 375 .002 |
| | D33D27J1 | NS 45 B | | GEC | 50 | 40 | 5.0 | .750 | .700 A | 135J | 150.000 G | 100NA 25 | 375 .002 |
| | D33D28 | NS 45 | 98 | GEC | 70 | 60 | 5.0 | .750 | .500 A | 135J | 80.000 G | 100NA 25 | 60 .002 |
| | D33D28J1 | NS 45 B | | GEC | 70 | 60 | 5.0 | .750 | .700 A | 135J | 80.000 G | 100NA 25 | 60 .002 |
| | D33D29 | NS 45 | 98 | GEC | 70 | 60 | 5.0 | .750 | .500 A | 135J | 100.000 G | 100NA 25 | 90 .002 |
| | D33D29J1 | NS 45 B | | GEC | 70 | 60 | 5.0 | .750 | .700 A | 135J | 100.000 G | 100NA 25 | 90 .002 |
| | D33D30 | NS 45 | 98 | GEC | 70 | 70 | 5.0 | .750 | .500 A | 135J | 120.000 G | 100NA 25 | 150 .002 |
| | D33D30J1 | NS 45 B | | GEC | 70 | 60 | 5.0 | .750 | .700 A | 135J | 120.000 G | 100NA 25 | 150 .002 |
| | D40D1 | NS 52 A | | GEC | | 45S | 5.0 | 1.000 | 6.000 C | 150C | 200.000 G | 100NA 45 | 88 .100 |
| | D40D2 | NS 52 A | | GEC | | 45S | 5.0 | 1.000 | 6.000 C | 150C | 200.000 G | 100NA 45 | 210 .100 |
| | D40D3 | NS 52 A | | GEC | | 45S | 5.0 | 1.000 | 6.000 C | 150C | 200.000 G | 100NA 45 | 440 .100 |
| | D40D4 | NS 52 A | | GEC | | 60S | 5.0 | 1.000 | 6.000 C | 150C | 200.000 G | 100NA 60 | 88 .100 |
| | D40D5 | NS 52 A | | GEC | | 60S | 5.0 | 1.000 | 6.000 C | 150C | 200.000 G | 100NA 60 | 210 .100 |
| | D40D7 | NS 52 A | | GEC | | 75S | 5.0 | 1.000 | 6.000 C | 150C | 200.000 G | 100NA 75 | 88 .100 |
| | D40D8 | NS 52 A | | GEC | | 75S | 5.0 | 1.000 | 6.000 C | 150C | 200.000 G | 100NA 75 | 210 .100 |
| | D40N1 | NS 52 A | | GEC | | 250R | 5.0 | .100 | 6.250 C | 150C | 50.000 G | 10UA 250 | 60 .020 |
| | D40N3 | NS 52 A | | GEC | | 300R | 5.0 | .100 | 6.250 C | 150C | 50.000 G | 10UA 300 | 60 .020 |
| | D41D1 | PS 52 A | | GEC | | 45S | 5.0 | 1.000 | 6.000 C | 150J | 150.000 G | 100NA 45 | 88 .100 |
| | D41D2 | PS 52 A | | GEC | | 45S | 5.0 | 1.000 | 6.000 C | 150J | 150.000 G | 100NA 45 | 195 .100 |
| | D41D4 | PS 52 A | | GEC | | 60S | 5.0 | 1.000 | 6.000 C | 150J | 150.000 G | 100NA 60 | 88 .100 |
| | D41D5 | PS 52 A | | GEC | | 60S | 5.0 | 1.000 | 6.000 C | 150J | 150.000 G | 100NA 60 | 210 .100 |
| | D41D7 | PS 52 A | | GEC | | 75S | 5.0 | 1.000 | 6.000 C | 150J | 150.000 G | 100NA 75 | 88 .100 |
| | D41D8 | PS 52 A | | GEC | | 75S | 5.0 | 1.000 | 6.000 C | 150J | 150.000 G | 100NA 75 | 210 .100 |
| | D42C1 | NS 52 A | | GEC | | 45S | 5.0 | 3.000 | 12.500 C | 150J | 50.000 G | 10UA 45 | 38 .200 |
| | D42C2 | NS 52 A | | GEC | | 45S | 5.0 | 3.000 | 12.500 C | 150J | 50.000 G | 10UA 45 | 70 .200 |
| | D42C3 | NS 52 A | | GEC | | 45S | 5.0 | 3.000 | 12.500 C | 150J | 50.000 G | 10UA 45 | 70 .200 |
| | D42C4 | NS 52 A | | GEC | | 60S | 5.0 | 3.000 | 12.500 C | 150J | 50.000 G | 10UA 60 | 38 .200 |
| | D42C5 | NS 52 A | | GEC | | 60S | 5.0 | 3.000 | 12.500 C | 150J | 50.000 G | 10UA 60 | 70 .200 |
| | D42C7 | NS 52 A | | GEC | | 75S | 5.0 | 3.000 | 12.500 C | 150J | 50.000 G | 10UA 75 | 38 .200 |
| | D42C8 | NS 52 A | | GEC | | 75S | 5.0 | 3.000 | 12.500 C | 150J | 50.000 G | 10UA 75 | 70 .200 |
| | D43C1 | PS 52 A | | GEC | | 45S | 5.0 | 3.000 | 12.500 C | 150J | 40.000 G | 10UA 45 | 38 .200 |
| | D43C2 | PS 52 A | | GEC | | 45S | 5.0 | 3.000 | 12.500 C | 150J | 40.000 G | 10UA 45 | 70 .200 |
| | D43C3 | PS 52 A | | GEC | | 45S | 5.0 | 3.000 | 12.500 C | 150J | 40.000 G | 10UA 45 | 70 .200 |
| | D43C4 | PS 52 A | | GEC | | 60S | 5.0 | 3.000 | 12.500 C | 150J | 40.000 G | 10UA 60 | 38 .200 |
| | D43C5 | PS 52 A | | GEC | | 60S | 5.0 | 3.000 | 12.500 C | 150J | 40.000 G | 10UA 60 | 70 .200 |
| | D43C7 | PS 52 A | | GEC | | 75S | 5.0 | 3.000 | 12.500 C | 150J | 40.000 G | 10UA 75 | 38 .200 |
| | D43C8 | PS 52 A | | GEC | | 75S | 5.0 | 3.000 | 12.500 C | 150J | 40.000 G | 10UA 75 | 70 .200 |
| | D44C1 | NS 54 D | | GEC | | 40S | 5.0 | 4.000 | 30.000 C | 150J | 50.000 G | 10UA 40 | 37 .200 |
| | D44C2 | NS 54 D | | GEC | | 40S | 5.0 | 4.000 | 30.000 C | 150J | 50.000 G | 10UA 40 | 70 .200 |
| | D44C3 | NS 54 D | | GEC | | 40S | 5.0 | 4.000 | 30.000 C | 150J | 50.000 G | 10UA 40 | 70 .200 |
| | D44C4 | NS 54 D | | GEC | | 55S | 5.0 | 4.000 | 30.000 C | 150J | 50.000 G | 10UA 55 | 37 .200 |
| | D44C5 | NS 54 D | | GEC | | 55S | 5.0 | 4.000 | 30.000 C | 150J | 50.000 G | 10UA 55 | 70 .200 |
| | D44C6 | NS 54 D | | GEC | | 55S | 5.0 | 4.000 | 30.000 C | 150J | 50.000 G | 10UA 55 | 70 .200 |
| | D44C7 | NS 54 D | | GEC | | 70S | 5.0 | 4.000 | 30.000 C | 150J | 50.000 G | 10UA 70 | 37 .200 |
| | D44C8 | NS 54 D | | GEC | | 70S | 5.0 | 4.000 | 30.000 C | 150J | 50.000 G | 10UA 70 | 70 .200 |
| | D45C1 | PS 54 D | | GEC | | 40S | 5.0 | 4.000 | 27.000 C | 150J | 40.000 G | 10UA 40 | 37 .200 |
| | D45C2 | PS 54 D | | GEC | | 40S | 5.0 | 4.000 | 27.000 C | 150J | 40.000 G | 10UA 40 | 70 .200 |
| | D45C3 | PS 54 D | | GEC | | 40S | 5.0 | 4.000 | 27.000 C | 150J | 40.000 G | 10UA 40 | 70 .200 |
| | D45C4 | PS 54 D | | GEC | | 55S | 5.0 | 4.000 | 27.000 C | 150J | 40.000 G | 10UA 55 | 37 .200 |
| | D45C5 | PS 54 D | | GEC | | 55S | 5.0 | 4.000 | 27.000 C | 150J | 40.000 G | 10UA 55 | 70 .200 |
| | D45C6 | PS 54 D | | GEC | | 55S | 5.0 | 4.000 | 27.000 C | 150J | 40.000 G | 10UA 55 | 70 .200 |
| | D45C7 | PS 54 D | | GEC | | 70S | 5.0 | 4.000 | 27.000 C | 150J | 40.000 G | 10UA 70 | 37 .200 |
| | D45C8 | PS 54 D | | GEC | | 70S | 5.0 | 4.000 | 27.000 C | 150J | 40.000 G | 10UA 70 | 70 .200 |
| | DA3F3 | PG 480 A | | SOL | 60 | 35 | | 10.000 | 187.000 C | 100J | .100 G | 20MA 60 | 50 10.000 |
| | DPT657 | | | SEE 2N2887 | | | | | | | | | |
| | DS25 | PG 120 | 1 | DEL | 32 | | | .005 | .080 A | | AUD | | |
| | DS26 | PG 120 | 1 | DEL | 60 | | | .020 | .250 A | | AUD | | |
| | DS41 | PG 75 | | DEL | 20 | | | .010 | .080 A | | FM AMP | | |
| | DS56 | PG | | DEL | 30 | | 1.5 | .010 | .080 A | | FM AMP | | |
| | DS66 | NS 210 | | DEL | 16 | | 1.0 | .100 | .500 A | | AUD | | |
| | DS71 | NS 45 | | DEL | 30 | | 4.0 | .010 | .200 A | | RF AMP | | |
| | DS72 | NS 45 | | DEL | 30 | | 4.0 | .010 | .200 A | | RF AMP | | |
| | DS74 | NS 45 | | DEL | 20 | | 4.0 | .050 | .200 A | | FM AMP | | |
| | DS76 | NS 45 | | DEL | 16 | | 1.0 | .100 | .420 A | | AUD | | |
| | DS81 | NS 45 | | DEL | 12 | | 3.0 | .050 | .180 A | | FM AMP | | |
| | DS83 | PS 43 | | DEL | 40 | | 4.0 | .200 | .300 A | | AUD | | |
| | DS501 | PG 405 | 36 | DEL | 50 | | 30.0 | 15.000 | 60.000 C | | AUD | | |
| | DS503 | PG 605 | 3 | DEL | 60 | | 20.0 | 5.000 | 60.000 C | | AUD | | |
| | DS509 | NS 605 | 3 | DEL | 200 | | 5.0 | 3.500 | 80.000 C | | | | |
| | DS520 | PG 605 | 3 | DEL | 40 | | 20.0 | 5.000 | 60.000 C | | AUD | | |
| | DS525 | PG 405 | 36 | DEL | 40 | | 20.0 | 15.000 | 60.000 C | | AUD | | |
| | DTG110 | PG 605 | 3 | DEL | 40 | 40R | 20.0 | 7.000 | | | .320 G | 2MA 40 | 136 1.000 |
| | DTG110A | PG 605 | 3 | DEL | | 110X | 2.8 | 25.000 | | | .850 G | 20MA 110 | 125 1.000 |
| | DTG110B | PG 605 | 3 | DEL | | 90X | 2.0 | 25.000 | | | .850 G | 20MA 90 | 140 1.000 |
| | DTG600 | PG 605 | 3 | DEL | 75 | 50 | 1.0 | 25.000 | | | .850 G | 20MA 75 | 75 5.000 |
| | DTG601 | PG 605 | 3 | DEL | 75 | 60 | 1.0 | 25.000 | | | .850 G | 20MA 75 | 75 5.000 |
| | DTG602 | PG 605 | 3 | DEL | 90 | 70 | 1.0 | 25.000 | | | .850 G | 20MA 90 | 75 5.000 |
| | DTG603 | PG 605 | 3 | DEL | 90 | 80 | 1.0 | 25.000 | | | .850 G | 20MA 90 | 75 5.000 |
| | DTG603M | PG 605 | 3 | DEL | | 90X | 1.4 | 15.000 | | | .850 G | 20MA 90 | 112 5.000 |
| | DTG1010 | PG 605 | 3 | DEL | | 325X | 1.0 | 15.000 | | | .250 G | 10MA 325 | |
| | DTG1110 | PG 605 | 3 | DEL | | 200X | 1.0 | 15.000 | | | .450 G | 15MA 200 | |
| | DTG1200 | PG 605 | 3 | DEL | | 120 | 1.0 | 15.000 | | | .350 G | 10MA 120 | 34 8.000 |
| | DTG2000 | PG 605 | 3 | DEL | | 60X | 1.0 | 25.000 | | | .350 G | 10MA 60 | 37 8.000 |
| | DTG2100 | PG 605 | 3 | DEL | | 80X | 1.0 | 25.000 | | | .350 G | 10MA 80 | 37 8.000 |
| | DTG2200 | PG 605 | 3 | DEL | | 100X | 1.0 | 25.000 | | | .350 G | 10MA 100 | 37 8.000 |
| | DTG2300 | PG 605 | 3 | DEL | | 120X | 1.0 | 25.000 | | | .350 G | 10MA 120 | 37 8.000 |
| | DTG2400 | PG 605 | 3 | DEL | | 140X | 1.0 | 25.000 | | | .350 G | 10MA 140 | 37 8.000 |
| | DTG2400M | PG 605 | 3 | DEL | | 140X | 1.5 | 25.000 | | | .350 G | 10MA 140 | 55 10.000 |
| | DTS103 | NS 605 | 3 | DEL | | 80X | 5.0 | 15.000 | 125.000 C | 150J | 4.000 G | 500UA 80 | 34 5.000 |
| | DTS104 | NS 605 | 3 | DEL | | 80X | 5.0 | 15.000 | 125.000 C | 150J | 4.000 G | 500UA 80 | 80 5.000 |
| | DTS105 | NS 605 | 3 | DEL | | 100X | 5.0 | 15.000 | 125.000 C | 150J | 4.000 G | 500UA 100 | 34 5.000 |
| | DTS106 | NS 605 | 3 | DEL | | 110X | 5.0 | 15.000 | 125.000 C | 150J | 4.000 G | 500UA 110 | 34 5.000 |
| | DTS107 | NS 605 | 3 | DEL | | 120X | 5.0 | 15.000 | 125.000 C | 150J | 4.000 G | 500UA 120 | 34 5.000 |
| | DTS401 | NS 605 | 3 | DEL | | 400 | 5.0 | 2.000 | | | | 500UA 400 | 45 .500 |
| | DTS402 | NS 605 | 3 | DEL | | 400 | 5.0 | 3.500 | | | | 500UA 400 | |
| - | DTS410 | NS 605 | 3 | DEL | 200 | 200 | 5.0 | 3.500 | 80.000 H | 150J | 4.000 G | 250UA 200 | 52 1.000 |
| | DTS411 | NS 605 | 3 | DEL | 300 | 300 | 5.0 | 3.500 | 100.000 H | 150J | 5.000 G | 500UA 300 | 52 1.000 |
| | DTS413 | NS 605 | 3 | DEL | 400 | 400 | 5.0 | 2.000 | 75.000 H | 150J | 5.000 G | 500UA 400 | 40 .500 |
| | DTS423 | NS 605 | 3 | DEL | 400 | 400 | 5.0 | 3.500 | 100.000 H | 150J | 6.000 G | 500UA 400 | 52 1.000 |
| | DTS423M | NS 605 | 3 | DEL | 400 | 400 | 5.0 | 3.500 | 100.000 C | 150J | 3.000 G | 250UA 400 | 50 1.000 |
| | DTS424 | NS 605 | 3 | DEL | | 500 | 5.0 | 3.500 | | | 4.000 G | 250UA 500 | 52 1.000 |
| | DTS425 | NS 605 | 3 | DEL | | 500 | 5.0 | 3.500 | | | 4.000 G | 250UA 500 | 52 1.000 |
| | DTS430 | NS 605 | 3 | DEL | 400 | 400 | 5.0 | 5.000 | | 150J | 4.000 G | 3MA 400 | 26 2.500 |
| | DTS431 | NS 605 | 3 | DEL | 400 | 400 | 5.0 | 5.000 | | 150J | 4.000 G | 3MA 400 | 26 2.500 |
| | DTS431M | NS 605 | 3 | DEL | | 400 | 5.0 | 5.000 | | | 4.000 G | 3MA 400 | 24 2.500 |
| | ECG100 | PG 210 | 5 | SYL | 25 | 20R | 20.0 | .300 | .150 A | | 5.000 B | | 40 |
| | ECG101 | NG 210 | 5 | SYL | 25 | 20R | 20.0 | .300 | .150 A | | 5.000 B | | 40 |
| | ECG102 | PG 210 | 5 | SYL | 30 | 16R | 20.0 | .250 | .150 A | | 2.000 B | | 90 |
| | ECG102A | PG 120 | 1 | SYL | 32 | 32S | 10.0 | .200 | .900 A | | 2.300 G | | 120 |
| | ECG103 | NG 210 | 5 | SYL | 30 | 16R | 20.0 | .250 | .150 A | | 2.000 B | | 90 |
| | ECG103A | NG 120 | 1 | SYL | 32 | 32S | 10.0 | .500 | .340 A | | 2.500 G | | 105 |
| | ECG104 | PG 605 | 3 | SYL | 50 | 35R | 20.0 | 5.000 | 90.000 C | | .010 B | | 90 |
| | ECG105 | PG 405 | 36 | SYL | 50 | 35R | 20.0 | 15.000 | 100.000 C | | .010 B | | 90 |
| | ECG106 | PS 210 | 18 | SYL | 35 | 15 | 1.0 | .075 | .250 A | | 500.000 B | | 30 |
| | ECG107 | NS 43 | 92 | SYL | 35 | 15 | 1.0 | .075 | .250 A | | 1100.000 G | | 30 |
| | ECG108 | NS 170 F | | SYL | 35 | 15 | .5 | .075 | .250 A | | 800.000 G | | 15 |
| | ECG121 | PG 605 | 3 | SYL | 65 | 45R | 15.0 | 7.000 | 90.000 C | | .022 E | | 80 |
| | ECG123 | NS 211 | 5 | SYL | 30 | 20 | 5.0 | .500 | .500 A | | 50.000 G | | 180 |
| | ECG123A | NS 211 | 18 | SYL | 55 | 40 | 6.0 | .600 | .500 A | | 200.000 G | | 200 |
| | ECG124 | NS 605 | 66 | SYL | 300 | 300 | 2.0 | .400 | 10.000 C | | 30.000 G | | 140 |
| | ECG126 | PG 105 | 24 | SYL | 25 | 25 | 2.0 | .200 | .200 A | | 250.000 G | | 60 |
| | ECG127 | PG 605 | 3 | SYL | 350 | 350S | 2.0 | 10.000 | 56.000 C | | 1.000 G | | 23 |
| | ECG128 | NS 210 | 5 | SYL | 110 | 80 | 7.0 | 1.000 | 1.000 A | | 120.000 G | | 90 |
| | ECG129 | PS 210 | 5 | SYL | 110 | 80 | 7.0 | 1.000 | 1.000 A | | 120.000 G | | 90 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ $I_C$(A) | |
| | ECG130 | NS 605 | 3 | SYL | 80 | 60R | 5.0 | 15.000 | 115.000 | C | | | .800 | B | | 40 | |
| | ECG131 | PG 605 | 66 | SYL | 32 | 20 | 10.0 | 3.000 | 6.000 | H | | | 1.000 | G | | 110 | |
| | ECG152 | NS 53 A | | SYL | 60 | 60 | 5.0 | 3.000 | 40.000 | C | | | 1103.000 | G | | 60 | |
| | ECG153 | PS 53 A | | SYL | 60 | 60 | 5.0 | 3.000 | 40.000 | C | | | 1103.000 | G | | 60 | |
| | ECG154 | NS 211 | 39 | SYL | 300 | 300 | 7.0 | .050 | 7.000 | C | | | 1140.000 | G | | 100 | |
| | ECG155 | NG 605 | 66 | SYL | 32 | 20 | 10.0 | 3.000 | 7.500 | C | | | 1101.000 | G | | 110 | |
| | ECG157 | NS 48 A | | SYL | 300 | 300 | 3.0 | .500 | 50.800 | C | | | 1140.000 | G | | 45 | |
| | ECG158 | PG 120 | 1 | SYL | 32 | 32 | 10.0 | 1.000 | 1.600 | A | | | 1101.500 | G | | 90 | |
| | ECG159 | PS 170 F | | SYL | 80 | 80 | 5.0 | .500 | .500 | A | | | 1100.000 | G | | 180 | |
| | ECG160 | PG 217 | 72 | SYL | 30 | 20S | .5 | .200 | .200 | A | | | 1100.000 | G | | 60 | |
| | ECG161 | NS 217 | 104 | SYL | 45 | 45 | 4.5 | .050 | .180 | A | | | 1100.000 | G | | 100 | |
| | ECG162 | NS 605 | 3 | SYL | | | | | | | | | VER AMP | | | | |
| | ECG163 | NS 605 | 3 | SYL | | | | | | | | | HOR AMP | | | | |
| | ECG164 | NS 605 | 3 | SYL | | | | | | | | | VER AMP | | | | |
| | ECG165 | NS 605 | 3 | SYL | | | | | | | | | HOR AMP | | | | |
| | ECG171 | NS 52 A | | SYL | 300 | 300 | 5.0 | .100 | 6.250 | A | | | 75.000 | G | | 30 | |
| | ECG175 | NS 605 | 66 | SYL | 200 | 110R | 7.0 | 4.000 | 40.000 | C | | | 15.000 | G | | 80 | |
| | ECG176 | PG 211 | 39 | SYL | 25 | 25 | 6.0 | 2.000 | 6.000 | C | | | .700 | G | | 110 | |
| | ECG179 | PG 605 | 3 | SYL | 90 | 90X | 3.0 | 25.000 | 105.000 | C | | | .350 | G | | 80 | |
| | ECG180 | PS 605 | 3 | SYL | 100 | 100R | 4.0 | 30.000 | 200.000 | C | | | 2.000 | G | | 38 | |
| | ECG181 | NS 605 | 3 | SYL | 100 | 100R | 4.0 | 30.000 | 200.000 | C | | | 2.000 | G | | 38 | |
| | ECG182 | NS 48 B | | SYL | 80 | 80 | 4.0 | 10.000 | 90.000 | C | | | 2.000 | G | | 45 | |
| | ECG183 | PS 48 B | | SYL | 80 | 80 | 4.0 | 10.000 | 90.000 | C | | | 2.000 | G | | 45 | |
| | ECG184 | NS 48 A | | SYL | 60 | 60 | 5.0 | 4.000 | 40.000 | C | | | 2.000 | G | | 45 | |
| | ECG185 | PS 48 A | | SYL | 60 | 60 | 5.0 | 4.000 | 40.000 | C | | | 2.000 | G | | 45 | |
| | ECG186 | NS 59 A | | SYL | 60 | 60 | 5.0 | 3.000 | 12.500 | C | | | 50.000 | G | | 80 | |
| | ECG187 | PS 59 A | | SYL | 60 | 60 | 5.0 | 3.000 | 12.500 | C | | | 50.000 | G | | 80 | |
| | ECG188 | NS 49 A | | SYL | 80 | 80 | 4.0 | 1.000 | 5.000 | C | | | 50.000 | G | | 75 | |
| | ECG189 | PS 49 A | | SYL | 80 | 80 | 4.0 | 1.000 | 5.000 | C | | | 50.000 | G | | 75 | |
| | ECG190 | NS 49 A | | SYL | 180 | 180 | 5.0 | 1.000 | 8.000 | C | | | 100.000 | G | | 60 | |
| | ECG191 | NS 49 A | | SYL | 300 | 300 | 8.0 | 1.000 | 8.000 | C | | | 60.000 | G | | 60 | |
| | EN10 | NS 210 | 18 | SEM | 25 | 15 | 4.0 | .100 | .100 | A | | | 1100.000 | G | | 350 | |
| | EN30 | NS 210 | 18 | SEM | 30 | 20 | 4.0 | .300 | .300 | A | | | 1100.000 | G | | 350 | |
| | EN40 | NS 41 | 92 | SEM | 30 | 20 | 4.0 | .300 | .300 | A | | | 1100.000 | G | | 350 | |
| | EN697 | NS 173 | 105 | FSC | 60 | 30 | 5.0 | | .300 | A | 125J | | 50.000 | G | 1UA 30 | 70 | .150 |
| | EN706 | NS 173 | 106 | FSC | 25 | 15 | 3.0 | | .200 | A | 125J | | 300.000 | G | 1NA 15 | 60 | .010 |
| | EN708 | NS 173 | 106 | FSC | 40 | 15 | 5.0 | | .200 | A | 125J | | 300.000 | G | 50NA 20 | 60 | .010 |
| | EN718A | NS 173 | 106 | FSC | 75 | 40 | 7.0 | | .220 | A | 125J | | 60.000 | G | 50NA 60 | 70 | .150 |
| | EN722 | PS 173 | 106 | FSC | 50 | 35 | 5.0 | | .200 | A | 125J | | 60.000 | G | 1UA 30 | 52 | .150 |
| | EN744 | NS 173 | 106 | FSC | 20 | 12 | 5.0 | .200 | .200 | A | 125J | | 900.000 | G | 1UA 20 | 70 | .010 |
| | EN870 | NS 173 | 106 | FSC | 100 | 60 | 7.0 | | .200 | A | 125J | | 50.000 | G | 100NA 75 | 70 | .150 |
| | EN871 | NS 173 | 106 | FSC | 100 | 60 | 7.0 | | .200 | A | 125J | | 60.000 | G | 100NA 75 | 175 | .150 |
| | EN914 | NS 173 | 106 | FSC | 40 | 15 | 5.0 | | .200 | A | 125J | | 300.000 | G | 100NA 20 | 60 | .010 |
| | EN915 | NS 173 | 106 | FSC | 70 | 50 | 5.0 | | .200 | A | 125J | | 250.000 | G | 50NA 60 | 100 | .010 |
| | EN916 | NS 173 | 106 | FSC | 45 | 25 | 5.0 | | .200 | A | 125J | | 300.000 | G | 50NA 30 | 100 | .010 |
| | EN918 | NS 173 | 106 | FSC | 30 | 15 | 3.0 | .050 | .200 | A | 125J | | 600.000 | G | 50NA 15 | 40 | .003 |
| | EN930 | NS 173 | 106 | FSC | 45 | 45 | 5.0 | .030 | .200 | A | 125J | | 30.000 | G | 50NA 45 | 175 | .001 |
| | EN956 | NS 173 | 106 | FSC | 75 | 40 | 7.0 | | .220 | A | 125J | | 60.000 | G | 50NA 60 | 175 | .150 |
| | EN1132 | PS 173 | 105 | FSC | 50 | 35 | 5.0 | | .300 | A | 125J | | 60.000 | G | 1UA 30 | 52 | .150 |
| | EN1613 | NS 173 | 105 | FSC | 75 | 40 | 7.0 | | .300 | A | 125J | | 60.000 | G | 50NA 60 | 100 | .150 |
| | EN1711 | NS 173 | 105 | FSC | 75 | 40 | 7.0 | | .300 | A | 125J | | 60.000 | G | 50NA 60 | 100 | .150 |
| | EN2219 | NS 173 | 105 | FSC | 60 | 30 | 5.0 | .800 | .350 | A | 125J | | 250.000 | G | 50NA 50 | 175 | .150 |
| | EN2222 | NS 173 | 106 | FSC | 60 | 30 | 5.0 | .800 | .200 | A | 125J | | 250.000 | G | 50NA 50 | 175 | .150 |
| | EN2369A | NS 173 | 106 | FSC | 40 | 15 | 4.5 | .200 | .200 | A | 125J | | 500.000 | G | 400NA 20 | 60 | .010 |
| | EN2484 | NS 173 | 106 | FSC | 60 | 60 | 6.0 | .050 | .200 | A | 125J | | 30.000 | G | 50NA 45 | 225 | .001 |
| | EN2894A | PS 173 | 106 | FSC | 12 | 12 | 4.5 | | .200 | A | 125J | | 800.000 | G | 50NA 10 | 55 | .100 |
| | EN2905 | PS 173 | 105 | FSC | 60 | 40 | 5.0 | .600 | .300 | A | 125J | | 150.000 | G | 50NA 50 | 175 | .150 |
| | EN2907 | PS 173 | 106 | FSC | 60 | 40 | 5.0 | .600 | .200 | A | 125J | | 150.000 | G | 50NA 50 | 175 | .150 |
| | EN3009 | NS 173 | 106 | FSC | 40 | 15 | 4.0 | | .200 | A | 125J | | 350.000 | G | 500NA 20 | 60 | .030 |
| | EN3011 | NS 173 | 106 | FSC | 30 | 12 | 5.0 | | .200 | A | 125J | | 400.000 | G | 400NA 20 | 60 | .010 |
| | EN3013 | NS 173 | 106 | FSC | 40 | 15 | 5.0 | | .200 | A | 125J | | 350.000 | G | 300NA 20 | 60 | .030 |
| | EN3014 | NS 173 | 106 | FSC | 40 | 20 | 5.0 | | .200 | A | 125J | | 350.000 | G | 300NA 20 | 60 | .030 |
| | EN3250 | PS 173 | 106 | FSC | 40 | 40 | 5.0 | .100 | .200 | A | 125J | | 250.000 | G | 50NA 40 | 88 | .010 |
| | EN3502 | PS 173 | 105 | FSC | 45 | 45 | 5.0 | .600 | .300 | A | 125J | | 150.000 | G | 10NA 30 | 175 | .150 |
| | EN3504 | PS 173 | 106 | FSC | 45 | 45 | 5.0 | .600 | .200 | A | 125J | | 150.000 | G | 10NA 30 | 175 | .150 |
| | EN3962 | PS 173 | 106 | FSC | 60 | 60 | 6.0 | .060 | .200 | A | 125J | | 40.000 | G | 50NA 50 | 260 | .050 |
| | EP20 | PS 210 | 18 | SEM | 25 | 15 | 4.0 | .100 | .100 | A | | | 1100.000 | G | | 350 | |
| | EP25 | PS 210 | 18 | SEM | 30 | 20 | 4.0 | .300 | .300 | A | | | 1100.000 | G | | 350 | |
| | EP35 | PS 41 | 92 | SEM | 30 | 20 | 4.0 | .300 | .300 | A | | | 1100.000 | G | | 350 | |
| | ES3110 | PG 105 A | | EBA | 30 | 15 | | .010 | .054 | C | 65J | | .300 | B | 6UA 10 | 12 | |
| | ES3111 | PG 105 A | | EBA | 30 | 15 | | .010 | .054 | C | 65J | | .400 | B | 6UA 10 | 18 | |
| | ES3112 | PG 105 A | | EBA | 30 | 15 | | .010 | .054 | C | 65J | | .600 | B | 6UA 10 | 28 | |
| | ES3113 | PG 105 A | | EBA | 30 | 15 | | .010 | .054 | C | 65J | | .800 | B | 6UA 10 | 40 | |
| | ES3114 | PG 105 A | | EBA | 30 | 15 | | .010 | .054 | C | 65J | | 1.000 | B | 6UA 10 | 58 | |
| | ES3115 | PG 105 A | | EBA | 30 | 15 | | .010 | .054 | C | 65J | | 1.500 | B | 6UA 10 | 84 | |
| | ES3116 | PG 105 A | | EBA | 30 | 15 | | .010 | .054 | C | 65J | | 2.000 | B | 6UA 10 | 124 | |
| | ES3120 | PG 210 | 5 | EBA | 30 | 15 | | .010 | .069 | C | 65J | | .300 | B | 6UA 10 | 12 | |
| | ES3121 | PG 210 | 5 | EBA | 30 | 15 | | .010 | .069 | C | 65J | | .400 | B | 6UA 10 | 18 | |
| | ES3122 | PG 210 | 5 | EBA | 30 | 15 | | .010 | .069 | C | 65J | | .600 | B | 6UA 10 | 28 | |
| | ES3123 | PG 210 | 5 | EBA | 30 | 15 | | .010 | .069 | C | 65J | | .800 | B | 6UA 10 | 40 | |
| | ES3124 | PG 210 | 5 | EBA | 30 | 15 | | .010 | .069 | C | 65J | | 1.000 | B | 6UA 10 | 56 | |
| | ES3125 | PG 210 | 5 | EBA | 30 | 15 | | .010 | .069 | C | 65J | | 1.500 | B | 6UA 10 | 80 | |
| | ES3126 | PG 210 | 5 | EBA | 30 | 15 | | .010 | .069 | C | 65J | | 2.000 | B | 6UA 10 | 120 | |
| | ET110 | PG 210 | 5 | ETC | 50 | 18 | 50.0 | .100 | .200 | A | 85J | | 5.000 | B | 8UA 30 | | |
| | ET670 | PG 210 | 5 | ETC | 40 | 40 | 5.0 | 1.500 | .250 | A | 85J | | .500 | B | 50UA 12 | 100 | 1.000 |
| | -FK914 | NS 925 A | | FSC | 40 | 15 | 5.0 | | .175 | A | 200J | | 300.000 | G | 25NA 20 | 55 | .010 |
| | -FK918 | NS 925 A | | FSC | 30 | 15 | 3.0 | .050 | .175 | A | 200J | | 600.000 | G | 10NA 15 | 50 | .003 |
| | -FK2369A | NS 925 A | | FSC | 40 | 15 | 4.5 | .100 | .175 | A | 200J | | 500.000 | G | 30UA 20 | 66 | .010 |
| | -FK2484 | NS 925 A | | FSC | 60 | 60 | 6.0 | .050 | .175 | A | 200J | | 60.000 | G | 10NA 45 | 290 | |
| | -FK2894 | PS 925 A | | FSC | 12 | 12 | 4.0 | | .175 | A | 200J | | 350.000 | G | 10UA 6 | 76 | .030 |
| | -FK3014 | NS 925 A | | FSC | 40 | 20 | 5.0 | | .175 | A | 200J | | 300.000 | G | 300NA 20 | 60 | .030 |
| | -FK3299 | NS 925 A | | FSC | 60 | 30 | 5.0 | | .175 | A | 200J | | 200.000 | G | 10NA 50 | 75 | .150 |
| | -FK3300 | NS 925 A | | FSC | 60 | 30 | 5.0 | | .175 | A | 200J | | 200.000 | G | 10NA 50 | 220 | .150 |
| | -FK3502 | PS 925 A | | FSC | 45 | 45 | 5.0 | .500 | .175 | A | 200J | | 150.000 | G | 10NA 30 | 150 | .150 |
| | -FK3503 | PS 925 A | | FSC | 60 | 60 | 5.0 | .500 | .175 | A | 200J | | 150.000 | G | 10NA 50 | 150 | .150 |
| | -FM870 | NS 211 | 46 | FSC | 100 | 60 | 7.0 | | .375 | A | 200A | | 50.000 | G | 10NA 75 | 80 | |
| | -FM871 | NS 211 | 46 | FSC | 100 | 60 | 7.0 | | .375 | A | 200A | | 60.000 | G | 10NA 75 | 160 | |
| | FT19H | | | SEE 2N3963 | | | | | | | | | | | | | |
| | FT19M | | | SEE 2N3963 | | | | | | | | | | | | | |
| | -FT34A | NS 561 | 59 | FSC | 150 | 80 | 6.0 | | 15.000 | C | 200J | | 800.000 | G | 10UA 75 | 85 | 2.000 |
| | -FT34B | NS 561 | 59 | FSC | 120 | 60 | 6.0 | | 15.000 | C | 200J | | 800.000 | G | 10UA 60 | 210 | 2.000 |
| | -FT34C | NS 211 | 5 | FSC | 150 | 80 | 6.0 | | .800 | A | 200J | | 800.000 | G | 10UA 75 | 85 | 2.000 |
| | -FT34D | NS 211 | 5 | FSC | 120 | 60 | 6.0 | | .800 | A | 200J | | 800.000 | G | 10UA 60 | 210 | 2.000 |
| | FT40 | | | SEE 2N4251 | | | | | | | | | | | | | |
| | FT45 | | | SEE 2N4134 | | | | | | | | | | | | | |
| | FT107A | NS 211 | 18 | FSC | 30 | 30 | 8.0 | .050 | .260 | A | 150J | | 200.000 | G | 2NA 20 | 540 | .010 |
| | FT107B | NS 211 | 18 | FSC | 45 | 45 | 8.0 | .050 | .260 | A | 150J | | 150.000 | G | 2NA 30 | 950 | .010 |
| | FT107C | NS 211 | 18 | FSC | 60 | 60 | 8.0 | .050 | .260 | A | 150J | | 100.000 | G | 2NA 45 | 310 | .010 |
| | FT207A | | | SEE 2N4115 | | | | | | | | | | | | | |
| | FT207B | | | SEE 2N4116 | | | | | | | | | | | | | |
| | -FT400A | PS 560 | 59 | FSC | 80 | 80 | 5.0 | | 30.000 | C | 200J | | 120.000 | G | 50UA 40 | 180 | 2.000 |
| | -FT400B | PS 560 | 59 | FSC | 80 | 80 | 5.0 | | 30.000 | C | 200J | | 80.000 | G | 50UA 40 | 70 | 2.000 |
| | -FT709 | NS 211 | 18 | FSC | 15 | 6 | 4.0 | | .300 | A | 200A | | 600.000 | G | 50NA 5 | 70 | |
| | -FT1341 | NS 211 | 18 | FSC | 25 | 10 | 5.0 | | .360 | A | 200J | | 300.000 | G | 100NA 30 | 60 | |
| | FT1702 | | | SEE 2N4208 | | | | | | | | | | | | | |
| | FT1746 | PS 211 | 18 | FSC | 35 | 30 | 4.0 | | .360 | A | 200J | | 100.000 | G | 5NA 15 | 40 | |
| | FT3567 | NS 173 | 105 | FSC | 80 | 40 | 5.0 | | .500 | A | 125J | | 60.000 | G | 50NA 40 | 80 | .150 |
| | FT3568 | NS 173 | 105 | FSC | 80 | 60 | 5.0 | | .500 | A | 125J | | 60.000 | G | 50NA 40 | 80 | .150 |
| | FT3569 | NS 173 | 105 | FSC | 80 | 40 | 5.0 | | .500 | A | 125J | | 60.000 | G | 50NA 40 | 150 | .150 |
| | FT3641 | NS 173 | 105 | FSC | 60 | 30 | 5.0 | | .450 | A | 125J | | 250.000 | G | 50NA 50 | 75 | .150 |
| | FT3642 | NS 173 | 105 | FSC | 60 | 45 | 5.0 | | .450 | A | 125J | | 250.000 | G | 50NA 50 | 75 | .150 |
| | FT3643 | NS 173 | 105 | FSC | 60 | 30 | 5.0 | | .450 | A | 125J | | 250.000 | G | 50NA 50 | 220 | .150 |
| | FT3644 | PS 173 | 105 | FSC | 60 | 60 | 5.0 | | .450 | A | 125J | | 200.000 | G | 35NA 30 | 150 | .150 |
| | FT3645 | PS 173 | 105 | FSC | 45 | 45 | 5.0 | | .450 | A | 125J | | 200.000 | G | 35NA 50 | 150 | .150 |
| | FT3722 | NS 173 | 105 | FSC | 80 | 60 | 6.0 | | .500 | A | 125J | | 300.000 | G | 500NA 40 | 70 | .100 |
| | FT5040 | PS 173 | 105 | FSC | 25 | 25 | 4.0 | | .500 | A | 125J | | 80.000 | G | 50NA 15 | 75 | .500 |
| | FT5041 | PS 173 | 105 | FSC | 40 | 40 | 5.0 | .050 | .500 | A | 125J | | 100.000 | G | 50NA 30 | 65 | .500 |
| | -FT7202A | NS 560 | 59 | FSC | 120 | 80 | 8.0 | | 30.000 | C | 200J | | 70.000 | G | 50UA 40 | 70 | 2.000 |
| | -FT7202B | NS 560 | 59 | FSC | 100 | 60 | 8.0 | | 30.000 | C | 200J | | 70.000 | G | 50UA 30 | 70 | 2.000 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. / Temp. (°C) / Cond. | | | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ $I_C$(A) | |
| | -FV914 | NS 911 | 51 | FSC | 40 | | 5.0 | .050 | .175 | A 200J | 300.000 | G | 25NA | 20 | 55 | .010 |
| | -FV918 | NS 911 | 51 | FSC | 30 | | 3.0 | .100 | .175 | A 200J | 600.000 | G | 10NA | 15 | 50 | .003 |
| | -FV2389A | NS 911 | 51 | FSC | 40 | | 4.5 | .050 | .175 | A 200J | 500.000 | G | 30UA | 20 | 66 | .010 |
| | -FV2484 | NS 911 | 51 | FSC | 60 | | 6.0 | | .175 | A 200J | 60.000 | G | 10NA | 45 | 290 | |
| | -FV2894 | PS 911 | 51 | FSC | 12 | | 4.0 | | .175 | A 200J | 350.000 | G | 10UA | 6 | 76 | .030 |
| | -FV3014 | NS 911 | 51 | FSC | 40 | | 5.0 | | .175 | A 200J | 300.000 | G | 300NA | 20 | 60 | .030 |
| | -FV3299 | NS 911 | 51 | FSC | 60 | | 5.0 | | .175 | A 200J | 200.000 | G | 10NA | 50 | 75 | .150 |
| | -FV3300 | NS 911 | 51 | FSC | 60 | | 5.0 | | .175 | A 200J | 200.000 | G | 10NA | 50 | 220 | .150 |
| | -FV3502 | PS 911 | 51 | FSC | 45 | | 5.0 | .500 | .175 | A 200J | 150.000 | G | 10NA | 30 | 150 | .150 |
| | -FV3503 | PS 911 | 51 | FSC | 60 | | 5.0 | .500 | .175 | A 200J | 150.000 | G | 10NA | 50 | 150 | .150 |
| | FX709 | NS 926 | 120 | FSC | 15 | 6 | 4.0 | | .210 | A 175J | 600.000 | G | 50NA | 5 | 70 | .010 |
| | FX914 | NS 926 | 120 | FSC | 40 | 15 | 5.0 | | .270 | A 175J | 300.000 | G | 25NA | 20 | 55 | .010 |
| | FX918 | NS 926 | 120 | FSC | 30 | 15 | 3.0 | .050 | .240 | A 175J | 600.000 | G | 10NA | 15 | 50 | .003 |
| | FX2368 | NS 926 | 120 | FSC | 40 | 15 | 4.5 | .100 | .240 | A 175J | 400.000 | G | 400NA | 20 | 50 | .010 |
| | FX2369A | NS 926 | 120 | FSC | 40 | 15 | 4.5 | .100 | .240 | A 175J | 500.000 | G | 400NA | 20 | 66 | .010 |
| | FX2483 | NS 926 | 120 | FSC | 60 | 60 | 6.0 | .050 | .270 | A 175J | 60.000 | G | 10NA | 45 | 230 | .001 |
| | FX2484 | NS 926 | 120 | FSC | 60 | 60 | 6.0 | .050 | .270 | A 175J | 60.000 | G | 10NA | 45 | 450 | .001 |
| | FX2894 | PS 926 | 120 | FSC | 12 | 12 | 4.0 | | .240 | A 175J | 350.000 | G | 80NA | 6 | 75 | .030 |
| | FX2894A | PS 926 | 120 | FSC | 12 | 12 | 4.5 | | .240 | A 175J | 500.000 | G | 50NA | 10 | 55 | .100 |
| | FX3013 | NS 926 | 120 | FSC | 40 | 15 | 5.0 | | .260 | A 175J | 300.000 | G | 300NA | 20 | 60 | .030 |
| | FX3014 | NS 926 | 120 | FSC | 40 | 20 | 5.0 | | .260 | A 175J | 350.000 | G | 300NA | 20 | 60 | .030 |
| | FX3299 | NS 926 | 120 | FSC | 60 | 30 | 5.0 | | .270 | A 175J | 200.000 | G | 10NA | 50 | 75 | .150 |
| | FX3300 | NS 926 | 120 | FSC | 60 | 30 | 5.0 | | .270 | A 175J | 250.000 | G | 10NA | 50 | 220 | .150 |
| | FX3502 | PS 926 | 120 | FSC | 45 | 45 | 5.0 | .500 | .270 | A 175J | 150.000 | G | 10NA | 30 | 150 | .150 |
| | FX3503 | PS 926 | 120 | FSC | 60 | 60 | 5.0 | .500 | .270 | A 175J | 150.000 | G | 10NA | 50 | 150 | .150 |
| | FX3724 | NS 926 | 120 | FSC | 50 | 30 | 6.0 | 1.000 | .306 | A 175J | 240.000 | G | 2UA | 40 | 90 | .100 |
| | FX3725 | NS 926 | 120 | FSC | 80 | 50 | 6.0 | 1.000 | .306 | A 175J | 240.000 | G | 2UA | 60 | 90 | .100 |
| | FX3962 | PS 926 | 120 | FSC | 60 | 60 | 6.0 | | .270 | A 175J | 40.000 | G | 10NA | 50 | 260 | .001 |
| | FX3963 | PS 926 | 120 | FSC | 80 | 80 | 6.0 | | .270 | A 175J | 40.000 | G | 10NA | 70 | 330 | .001 |
| | FX3964 | PS 926 | 120 | FSC | 45 | 45 | 6.0 | | .270 | A 175J | 40.000 | G | 10NA | 40 | 260 | .001 |
| | FX3965 | PS 926 | 120 | FSC | 60 | 60 | 6.0 | | .270 | A 175J | 40.000 | G | 10NA | 50 | 330 | .001 |
| | FX4034 | PS 926 | 120 | FSC | 40 | 40 | 5.0 | .100 | .240 | A 175J | 400.000 | G | 15NA | 30 | 150 | .010 |
| | FX4046 | NS 926 | 120 | FSC | 50 | 30 | 6.0 | .500 | .306 | A 175J | 240.000 | G | 2UA | 40 | 90 | .100 |
| | FX4047 | NS 926 | 120 | FSC | 80 | 50 | 6.0 | .500 | .306 | A 175J | 240.000 | G | 2UA | 60 | 90 | .100 |
| | FX4207 | PS 926 | 120 | FSC | 6 | 6 | 4.5 | .050 | .240 | A 175J | 650.000 | G | 10NA | 30 | 100 | .010 |
| | FX4960 | NS 926 | 120 | FSC | 60 | 60 | 6.5 | | .306 | A 175J | 200.000 | G | 10NA | 50 | 180 | .150 |
| | GE-1 | PG 210 | 5 | GEC | | 12 | | .100 | .150 | A | RF AMP | | | | | |
| | GE-2 | PG 210 | 5 | GEC | | 20 | | .200 | .200 | A | AUD | | | | | |
| | GE-3 | PG 605 | 3 | GEC | | 50 | | 3.000 | 25.000 | C | AUD | | | | | |
| | GE-4 | PG 405 | 36 | GEC | | 50 | | 12.000 | 50.000 | C | AUD | | | | | |
| | GE-5 | NG 210 | 5 | GEC | | 12 | | .100 | .150 | A | RF AMP | | | | | |
| | GE-6 | NG 10 H | | GEC | | 15 | | .020 | .065 | A | RF AMP | | | | | |
| | GE-7 | NG 10 H | | GEC | | 15 | | .020 | .065 | A | IF AMP | | | | | |
| | GE-8 | NG 210 | 5 | GEC | | 20 | | .200 | .150 | A | AUD | | | | | |
| | GE-9 | PG 217 F | | GEC | | 12 | | .006 | .080 | A | FM IF | | | | | |
| | GE-10 | NS 45 | 98 | GEC | | 25 | | .100 | .200 | A | RF AMP | | | | | |
| | GE-11 | NS 45 | 98 | GEC | | 30 | | .025 | .200 | A | UHF AMP | | | | | |
| | GE-12 | NS 605 | 66 | GEC | | 300 | | .300 | 10.000 | C | AUD | | | | | |
| | GE-14 | NS 605 | 3 | GEC | | 100 | | 15.000 | 115.000 | C | AUD | | | | | |
| | GE-16 | PG 605 | 3 | GEC | | 60 | | 10.000 | 90.000 | C | AUD | | | | | |
| | GE-17 | NS 170 F | | GEC | | 30 | | .100 | .500 | A | UHF AMP | | | | | |
| | GE-18 | NS 210 | 5 | GEC | | 80 | | .500 | .800 | A | AUD | | | | | |
| | GE-19 | NS 605 | 3 | GEC | | 50 | | 4.000 | 90.000 | C | AUD | | | | | |
| | GE-20 | NS 210 | 18 | GEC | | 25 | | .500 | .500 | A | 50.000 | G | | | | |
| | GE-21 | PS 210 | 5 | GEC | | 25 | | .500 | .500 | A | 50.000 | G | | | | |
| | GE-22 | PS 170 F | | GEC | | 25 | | .500 | .500 | A | 100.000 | G | | | | |
| | GE-23 | NS 605 | 66 | GEC | | 40 | | 2.000 | 15.000 | C | AUD | | | | | |
| | GE-25 | PG 605 | 3 | GEC | | 325 | | 10.000 | 50.000 | C | HOR AMP | | | | | |
| | GE-26 | PS 605 | 66 | GEC | 60 | 50 | | 2.000 | 20.000 | C | 10.000 | G | | | 100 | |
| | GE-27 | NS 52 | | GEC | 300 | 300R | 5.0 | .100 | 6.000 | C | 80.000 | G | | | 60 | |
| | GE-28 | NS 59 A | | GEC | | 60S | 5.0 | 3.000 | 12.000 | C | 50.000 | G | | | 80 | |
| | GE-29 | PS 59 A | | GEC | | 60S | 5.0 | 3.000 | 12.000 | C | 40.000 | G | | | 110 | |
| | GE-30 | PG 605 | 66 | GEC | 60 | 60 | 12.0 | 3.000 | 6.000 | A | 1.000 | G | | | 110 | |
| | GE-31MP | PG 605 | 66 | GEC | 60 | 60 | 12.0 | 3.000 | 6.000 | A | 1.000 | G | | | 110 | |
| | GE-32 | NS 54 A | | GEC | | 500S | 5.0 | 1.000 | 30.000 | C | 40.000 | G | | | 125 | |
| | GE-53 | PG 120 | 1 | GEC | 32 | 32 | 6.0 | 1.000 | 1.000 | C | 1.400 | G | | | 110 | |
| | GE-62 | NS 45 | 98 C | GEC | 65 | 50 | 5.0 | .100 | .350 | A | 150.000 | G | | | 350 | |
| | GE-63 | NS 45 B | | GEC | 65 | 60 | 5.0 | 1.000 | 1.000 | C | 160.000 | G | | | 150 | |
| | GE-64 | NS 45 | 98 | GEC | 40 | 40 | 12.0 | .275 | .360 | A | 90.000 | G | | | | |
| | GE-66 | NS 45 A | | GEC | | 70S | 5.0 | 4.000 | 28.000 | C | 50.000 | G | | | 70 | |
| | GE-67 | PS 45 B | | GEC | 65 | 60 | 5.0 | 1.000 | 1.000 | C | 160.000 | G | | | 150 | |
| | GE-69 | PS 54 A | | GEC | | 70S | 5.0 | 4.000 | 28.000 | C | 40.000 | G | | | 70 | |
| | GEMR-6 | NS 59 A | | GEC | | 40 | | | 8.000 | H | | | | | 35 | |
| | GET706 | NS 168 B | | GEC | 40 | 15 | 5.0 | .200 | .360 | A 125J | 200.000 | G | 50NA | 20 | 30 | .010 |
| | GET708 | NS 168 B | | GEC | 40 | 15 | 5.0 | .200 | .360 | A 125J | 300.000 | G | 50NA | 20 | 60 | .010 |
| | GET914 | NS 168 B | | GEC | 40 | 15 | 5.0 | .200 | .360 | A 125J | 300.000 | G | 50NA | 20 | 60 | .010 |
| | GET929 | NS 168 B | | GEC | 70 | 50 | 5.0 | .100 | .360 | A 125J | 90.000 | G | 10NA | 50 | 90 | .001 |
| | GET930 | NS 168 B | | GEC | 70 | 50 | 5.0 | .100 | .360 | A 125J | 90.000 | G | 10NA | 50 | 175 | .001 |
| | GET2221 | NS 168 B | | GEC | 60 | 30 | 5.0 | .400 | .360 | A 125J | 250.000 | G | 10NA | 50 | 70 | .150 |
| | GET2221A | NS 168 B | | GEC | 75 | 40 | 5.0 | .400 | .360 | A 125J | 250.000 | G | 10NA | 60 | 70 | .150 |
| | GET2222 | NS 168 B | | GEC | 60 | 30 | 5.0 | .400 | .360 | A 125J | 250.000 | G | 10NA | 50 | 175 | .150 |
| | GET2222A | NS 168 B | | GEC | 75 | 40 | 5.0 | .400 | .360 | A 125J | 300.000 | G | 10NA | 60 | 175 | .150 |
| | GET2369 | NS 168 B | | GEC | 40 | 15 | 5.0 | .200 | .360 | A 125J | 350.000 | G | 100NA | 20 | 70 | .010 |
| | GET2484 | NS 168 B | | GEC | 60 | 60 | 6.0 | .100 | .250 | A 125J | 60.000 | G | 50NA | 45 | 375 | .001 |
| | GET2904 | PS 168 B | | GEC | 60 | 40 | 5.0 | .350 | .360 | A 125J | 200.000 | G | 20NA | 50 | 70 | .150 |
| | GET2905 | PS 168 B | | GEC | 60 | 40 | 5.0 | .350 | .360 | A 125J | 200.000 | G | 20NA | 50 | 70 | .150 |
| | GET2906 | PS 168 B | | GEC | 60 | 40 | 5.0 | .350 | .360 | A 125J | 200.000 | G | 50NA | 50 | 175 | .150 |
| | GET2907 | PS 168 B | | GEC | 60 | 40 | 5.0 | .350 | .360 | A 125J | 200.000 | G | 50NA | 50 | 175 | .150 |
| | GET3013 | NS 168 B | | GEC | 40 | 15 | 5.0 | .200 | .360 | A 125J | 350.000 | G | 100NA | 20 | 60 | .030 |
| | GET3014 | NS 168 B | | GEC | 40 | 15 | 5.0 | .200 | .360 | A 125J | 350.000 | G | 100NA | 20 | 60 | .030 |
| | GET3638 | PS 168 B | | GEC | 25 | 25 | 4.0 | .350 | .360 | 125J | 100.000 | G | 35NA | 15 | 40 | .300 |
| | GET3638A | PS 168 B | | GEC | 25 | 25 | 4.0 | .350 | .360 | A 125J | 100.000 | G | 35NA | 15 | 50 | .300 |
| | GET3646 | NS 168 B | | GEC | 40 | 15 | 5.0 | .200 | .360 | A 125J | 350.000 | G | 100NA | 20 | 60 | .030 |
| | GI-2711 | NS 173 | 106 | GIC | 18 | 18 | 5.0 | .100 | .200 | A 125J | 200.000 | G | 500UA | 18 | 52 | .002 |
| | GI-2712 | NS 173 | 106 | GIC | 18 | 18 | 5.0 | .100 | .200 | A 125J | 300.000 | G | 500UA | 18 | 106 | .002 |
| | GI-2713 | NS 173 | 106 | GIC | 18 | 18 | 5.0 | .200 | .200 | A 125J | 150.000 | G | 500UA | 18 | 52 | .002 |
| | GI-2714 | NS 173 | 106 | GIC | 18 | 18 | 5.0 | .200 | .200 | A 125J | 200.000 | G | 500UA | 18 | 131 | .002 |
| | GI-2715 | NS 173 | 106 | GIC | 18 | 18 | 5.0 | .025 | .200 | A 125J | 100.000 | G | 500UA | 18 | 52 | .002 |
| | GI-2716 | NS 173 | 106 | GIC | 18 | 18 | 5.0 | .025 | .200 | A 125J | 150.000 | G | 500UA | 18 | 131 | .002 |
| | GI-2921 | NS 173 | 106 | GIC | 25 | 25 | 5.0 | | .200 | A 125J | | | | | 53 | .002 |
| | GI-2922 | NS 173 | 106 | GIC | 25 | 25 | 5.0 | | .200 | A 125J | | | | | 83 | .002 |
| | GI-2923 | NS 173 | 106 | GIC | 25 | 25 | 5.0 | | .200 | A 125J | | | | | 135 | .002 |
| | GI-2924 | NS 173 | 106 | GIC | 25 | 25 | 5.0 | | .200 | A 125J | | | | | 225 | .002 |
| | GI-2925 | NS 173 | 106 | GIC | 25 | 25 | 5.0 | | .200 | A 125J | | | | | 353 | .002 |
| | GI-2926 | NS 173 | 106 | GIC | 18 | 18 | 5.0 | | .200 | A 125J | | | | | 153 | .002 |
| | GI-3391 | NS 173 | 106 | GIC | 25 | 25 | 5.0 | | .200 | A 125J | | | | | 375 | .002 |
| | GI-3391A | NS 173 | 106 | GIC | 25 | 25 | 5.0 | | .200 | A 125J | | | | | 375 | .002 |
| | GI-3392 | NS 173 | 106 | GIC | 25 | 25 | 5.0 | .100 | .200 | A 125J | | | 100NA | 25 | 225 | .002 |
| | GI-3393 | NS 173 | 106 | GIC | 25 | 25 | 5.0 | .100 | .200 | A 125J | | | 100NA | 25 | 135 | .002 |
| | GI-3394 | NS 173 | 106 | GIC | 25 | 25 | 5.0 | .100 | .200 | A 125J | | | 100NA | 25 | 83 | .002 |
| | GI-3395 | NS 173 | 106 | GIC | 25 | 25 | 5.0 | .100 | .200 | A 125J | | | 100NA | 25 | 275 | .002 |
| | GI-3396 | NS 173 | 106 | GIC | 25 | 25 | 5.0 | .100 | .200 | A 125J | | | 100NA | 25 | 215 | .002 |
| | GI-3397 | NS 173 | 106 | GIC | 25 | 25 | 5.0 | .100 | .200 | A 125J | | | 100NA | 25 | 180 | .002 |
| | GI-3398 | NS 173 | 106 | GIC | 25 | 25 | 5.0 | .100 | .200 | A 125J | | | 100NA | 25 | 255 | .002 |
| | GI-3402 | NS 173 | 106 | GIC | 25 | 25 | 5.0 | .500 | .200 | A 125J | | | 100NA | 25 | 131 | .002 |
| | GI-3403 | NS 173 | 106 | GIC | 25 | 25 | 5.0 | .500 | .200 | A 125J | | | 100NA | 25 | 315 | .002 |
| | GI-3404 | NS 173 | 106 | GIC | 50 | 50 | 5.0 | .500 | .200 | A 125J | | | 100NA | 50 | 131 | .002 |
| | GI-3405 | NS 173 | 106 | GIC | 50 | 50 | 5.0 | .500 | .200 | A 125J | | | 100NA | 50 | 315 | .002 |
| | GI-3414 | NS 173 | 106 | GIC | 25 | 25 | 5.0 | .500 | .300 | A 125J | AUD | | 100NA | 25 | 131 | .002 |
| | GI-3415 | NS 173 | 106 | GIC | 25 | 25 | 5.0 | .500 | .300 | A 125J | AUD | | 100NA | 25 | 315 | .002 |
| | GI-3416 | NS 173 | 106 | GIC | 50 | 50 | 5.0 | .500 | .360 | A 125J | AUD | | 100NA | 25 | 131 | .002 |
| | GI-3417 | NS 173 | 106 | GIC | 50 | 50 | 5.0 | .500 | .360 | A 125J | AUD | | 100NA | 25 | 315 | .002 |
| | GI-3566 | NS 173 | 106 | GIC | 50 | 50 | 5.0 | .200 | .300 | A 125J | 40.000 | G | 50NA | 20 | 300 | .010 |
| | GI-3605 | NS 173 | 106 | GIC | 18 | 14 | 5.0 | | .200 | A 125J | 300.000 | G | 500NA | 18 | 45 | .010 |
| | GI-3606 | NS 173 | 106 | GIC | 18 | 14 | 5.0 | | .200 | A 125J | 300.000 | G | 500NA | 18 | 45 | .010 |
| | GI-3607 | NS 173 | 106 | GIC | 18 | 14 | 5.0 | | .200 | A 125J | 300.000 | G | 500NA | 18 | 45 | .010 |
| | GI-3638 | PS 173 | 106 | GIC | 25 | 25 | 4.0 | | .300 | A 125J | 100.000 | G | 35NA | 15 | 45 | .050 |
| | GI-3638A | PS 173 | 106 | GIC | 25 | 25 | 4.0 | | .300 | A 125J | 150.000 | G | 35NA | 15 | 150 | .050 |
| | GI-3641 | NS 173 | 106 | GIC | 60 | 30 | 5.0 | .500 | .350 | A 125J | 250.000 | G | 50NA | 50 | 70 | .150 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Temp. (°C) Cond. | Condition | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ $I_C$(A) | |
| | GI-3642 | NS 173 | 106 | GIC | 60 | 45 | 5.0 | .500 | .300 A | 125J | 250.000 G | 50NA | 50 | 70 | .150 |
| | GI-3643 | NS 173 | 106 | GIC | 60 | 30 | 5.0 | .500 | .350 A | 125J | 250.000 G | 50NA | 50 | 175 | .150 |
| | GI-3644 | PS 173 | 106 | GIC | 45 | 45 | 5.0 | .500 | .300 A | 125J | 200.000 G | 35NA | 30 | 175 | .150 |
| | GI-3702 | PS 173 | 106 | GIC | 40 | 25 | 5.0 | .200 | .300 A | 125J | 100.000 G | 100NA | 20 | 135 | .050 |
| | GI-3703 | PS 173 | 106 | GIC | 50 | 30 | 5.0 | .200 | .300 A | 125J | 100.000 G | 100NA | 20 | 68 | .050 |
| | GI-3704 | NS 173 | 106 | GIC | 50 | 30 | 5.0 | .800 | .360 A | 125J | 100.000 G | 100NA | 20 | 175 | .050 |
| | GI-3705 | NS 173 | 106 | GIC | 50 | 30 | 5.0 | .800 | .360 A | 125J | 100.000 G | 100NA | 20 | 88 | .050 |
| | GI-3706 | NS 173 | 106 | GIC | 40 | 20 | 5.0 | .800 | .360 A | 125J | 100.000 G | 100NA | 20 | 180 | .050 |
| | GI-3707 | NS 173 | 106 | GIC | 30 | 30 | 6.0 | .030 | .250 A | 125J | AUD | 100NA | 20 | 200 | .001 |
| | GI-3708 | NS 173 | 106 | GIC | 30 | 30 | 6.0 | .030 | .250 A | 125J | AUD | 100NA | 20 | 210 | .001 |
| | GI-3709 | NS 173 | 106 | GIC | 30 | 30 | 6.0 | .030 | .250 A | 125J | AUD | 100NA | 20 | 86 | .001 |
| | GI-3710 | NS 173 | 106 | GIC | 30 | 30 | 6.0 | .030 | .250 A | 125J | AUD | 100NA | 20 | 172 | .001 |
| | GI-3711 | NS 173 | 106 | GIC | 30 | 30 | 6.0 | .030 | .250 A | 125J | AUD | 100NA | 20 | 330 | .001 |
| | GI-3721 | NS 173 | 106 | GIC | 18 | 18 | 5.0 | .100 | .200 A | 125J | AUD | 500NA | 18 | 225 | .002 |
| | GI-3793 | NS 173 | 106 | GIC | 40 | 20 | 5.0 | .500 | .250 A | 125J | 100.000 G | 500NA | 15 | 50 | .010 |
| | GI-3794 | NS 173 | 106 | GIC | 40 | 20 | 5.0 | .500 | .250 A | 125J | 100.000 G | 500NA | 15 | 250 | .010 |
| | GI-3900 | NS 173 | 106 | GIC | 18 | 18 | 5.0 | .100 | .200 A | 125J | AUD | 100NA | 18 | 375 | .002 |
| | GI-3900A | NS 173 | 106 | GIC | 18 | 18 | 5.0 | .100 | .200 A | 125J | AUD | 100NA | 18 | 375 | .002 |
| | GM290A | PG 250 A | | TIL | 20 | 15 | .3 | .050 | .075 A | | 700.000 G | | | 30 | .003 |
| | GM378A | PG 250 A | | TIL | 20 | 15 | .3 | .050 | .075 A | | 400.000 G | | | 30 | .003 |
| | GT34HV | SEE 2N1408 | | | | | | | | | | | | | |
| - | GT40 | PG 55 C | | AEI | 15 | 15 | 12.0 | .250 | .100 A | 75J | 2.000 B | 15UA | 15 | 30 | |
| - | GT41 | PG 55 C | | AEI | 15 | 15R | 12.0 | .250 | .100 A | 75J | 3.000 B | 15UA | 15 | 30 | |
| - | GT42 | PG 55 C | | AEI | 15 | 15R | 12.0 | .250 | .100 A | 75J | 5.000 B | 15UA | 15 | 60 | |
| - | GT43 | PG 55 C | | AEI | 15 | 15R | 12.0 | .250 | .100 A | 75J | 7.000 B | 15UA | 15 | 100 | |
| - | GT44 | PG 55 C | | AEI | 25 | 25 | 12.0 | .250 | .100 A | 75J | 2.000 B | 15UA | 25 | 30 | |
| - | GT45 | PG 55 C | | AEI | 25 | 25R | 12.0 | .250 | .100 A | 75J | 3.000 B | 15UA | 25 | 30 | |
| - | GT46 | PG 55 C | | AEI | 25 | 25R | 12.0 | .250 | .100 A | 75J | 5.000 B | 15UA | 25 | 60 | |
| - | GT47 | PG 55 C | | AEI | 25 | 25R | 12.0 | .250 | .100 A | 75J | 7.000 B | 15UA | 25 | 100 | |
| - | GT81 | PG 170 | 9 | GTC | 25 | 25R | 10.0 | | .150 A | 100J | AUD | 10UA | 10 | 70 | |
| | GT1200 | SEE 2N1310 | | | | | | | | | | | | | |
| | GT1658 | SEE 2N1605 | | | | | | | | | | | | | |
| | H5 | SEE 2N538A | | | | | | | | | | | | | |
| | H6 | SEE 2N539A | | | | | | | | | | | | | |
| | H7 | SEE 2N540A | | | | | | | | | | | | | |
| | H12 | SEE 2N1157 | | | | | | | | | | | | | |
| | H12A | SEE 2N1157A | | | | | | | | | | | | | |
| | HA7520 | PS 903 A | | HUG | 35 | 35 | 35.0 | | 1.000 A | | | 100NA | 35 | 10 | .001 |
| | HA7521 | PS 903 A | | HUG | 60 | 60 | 60.0 | | 1.000 A | | | 100NA | 60 | 10 | .001 |
| | HA7522 | PS 903 A | | HUG | 15 | 15 | 15.0 | | 1.000 A | | | 100NA | 15 | 22 | .001 |
| | HA7523 | PS 903 A | | HUG | 35 | 35 | 35.0 | | 1.000 A | | | 100NA | 35 | 22 | .001 |
| | HA7524 | PS 903 A | | HUG | 60 | 60 | 60.0 | | 1.000 A | | | 100NA | 60 | 22 | .001 |
| | HA7525 | PS 903 A | | HUG | 110 | 110 | 110.0 | | 1.000 A | | | 100NA | 110 | 22 | .001 |
| | HA7526 | PS 903 A | | HUG | 15 | 15 | 15.0 | | 1.000 A | | | 100NA | 15 | 44 | .001 |
| | HA7527 | PS 903 A | | HUG | 35 | 35 | 35.0 | | 1.000 A | | | 100NA | 35 | 44 | .001 |
| | HA7528 | PS 903 A | | HUG | 60 | 60 | 60.0 | | 1.000 A | | | 100NA | 60 | 44 | .001 |
| | HA7529 | PS 903 A | | HUG | 90 | 90 | 90.0 | | 1.000 A | | | 100NA | 90 | 22 | .001 |
| | HA7530 | PS 210 | 5 | HUG | 35 | 35 | 35.0 | | .400 A | | | 100NA | 35 | 10 | .001 |
| | HA7531 | PS 210 | 5 | HUG | 60 | 60 | 60.0 | | .400 A | | | 100NA | 60 | 10 | .001 |
| | HA7532 | PS 210 | 5 | HUG | 15 | 15 | 15.0 | | .400 A | | | 100NA | 15 | 220 | .001 |
| | HA7533 | PS 210 | 5 | HUG | 35 | 35 | 35.0 | | .400 A | | | 100NA | 35 | 22 | .001 |
| | HA7534 | PS 210 | 5 | HUG | 60 | 60 | 60.0 | | .400 A | | | 100NA | 60 | 22 | .001 |
| | HA7535 | PS 210 | 5 | HUG | 110 | 110 | 110.0 | | .400 A | | | 100NA | 110 | 22 | .001 |
| | HA7536 | PS 210 | 5 | HUG | 15 | 15 | 15.0 | | .400 A | | | 100NA | 15 | 44 | .001 |
| | HA7537 | PS 210 | 5 | HUG | 35 | 35 | 35.0 | | .400 A | | | 100NA | 35 | 44 | .001 |
| | HA7538 | PS 210 | 5 | HUG | 60 | 60 | 60.0 | | .400 A | | | 100NA | 60 | 44 | .001 |
| | HA7539 | PS 210 | 5 | HUG | 90 | 90 | 90.0 | | .400 A | | | 100NA | 90 | 22 | .001 |
| | HA7597 | PS 903 A | | HUG | 40 | 20 | 20.0 | | .400 A | | | 100NA | 50 | 14 | .001 |
| | HA7598 | PS 903 A | | HUG | 35 | 20 | 20.0 | | .400 A | | | 100NA | 50 | 29 | .001 |
| | HA7599 | PS 903 A | | HUG | 30 | 20 | 20.0 | | .400 A | | | 100NA | 50 | 58 | .001 |
| | HEP1 | PG 210 | 18 | MOT | 12 | 12S | 2.0 | .100 | .150 A | 100J | 100.000 G | | | 50 | |
| | HEP2 | PG 210 | 5 | MOT | 22 | 22S | .6 | .100 | .300 A | 100J | 1000.000 G | | | 75 | |
| | HEP3 | PG 217 | 72 | MOT | 20 | 20S | .5 | .050 | .100 A | 100J | 250.000 G | | | 85 | |
| | HEP50 | NS 210 | 18 | MOT | 25 | 15 | 4.0 | .300 | .400 A | 175J | 250.000 G | | | 85 | |
| | HEP51 | PS 210 | 5 | MOT | 30 | 25 | 4.0 | .600 | .600 A | 175J | 150.000 G | | | 80 | |
| | HEP52 | PS 210 | 18 | MOT | 30 | 30 | 4.0 | .200 | .400 A | 175J | 200.000 G | | | 95 | |
| | HEP53 | NS 210 | 5 | MOT | 35 | 30 | 4.0 | .600 | .600 A | 175J | 200.000 G | | | 85 | |
| | HEP54 | NS 41 | 92 | MOT | 30 | 20 | 5.0 | .200 | .310 A | 135J | 300.000 G | | | 350 | |
| | HEP55 | NS 41 | 92 | MOT | 30 | 25 | 5.0 | .200 | .310 A | 135J | 200.000 G | | | 350 | |
| | HEP56 | NS 42 | 92 | MOT | 30 | 20 | 2.5 | .100 | .310 A | 135J | 750.000 G | | | 70 | |
| | HEP57 | PS 41 | 92 | MOT | 25 | 25 | 5.0 | .200 | .310 A | 135J | 200.000 G | | | 350 | |
| | HEP75 | NS 210 | 39 | MOT | 40 | 20 | 3.5 | .400 | 3.000 C | 175J | 250.000 G | | | 15 | |
| | HEP76 | PS 210 | 39 | MOT | 40 | 20 | 3.5 | .400 | 3.000 C | 175J | 250.000 G | | | 15 | |
| | HEP200 | PG 605 | 3 | MOT | 30 | 30R | 10.0 | 3.000 | 90.000 C | 110J | .600 G | | | 40 | |
| | HEP230 | PG 605 | 3 | MOT | 30 | 30R | 10.0 | 5.000 | 90.000 C | 110J | .600 G | | | 40 | |
| | HEP231 | PG 405 | 36 | MOT | 30 | 30R | 10.0 | 15.000 | 150.000 C | 110J | .500 G | | | 40 | |
| | HEP232 | PG 605 | 3 | MOT | 70 | 70S | 10.0 | 7.000 | 90.000 C | 110J | .600 G | | | 60 | |
| | HEP233 | PG 405 | 36 | MOT | 65 | 65S | 60.0 | 15.000 | 170.000 C | 110J | .500 G | | | 55 | |
| | HEP234 | PG 605 | 3 | MOT | 200 | 200S | 2.0 | 5.000 | 56.000 C | 110J | 1.000 G | | | 60 | |
| | HEP235 | PG 605 | 3 | MOT | 320 | 320S | 2.0 | 10.000 | 56.000 C | 110J | 1.000 G | | | 60 | |
| | HEP236 | PG 607 | 41 | MOT | 110 | 80 | 2.0 | 25.000 | 106.000 C | 110J | .210 G | | | 60 | |
| | HEP237 | PG 405 | 36 | MOT | 75 | 60 | 40.0 | 30.000 | 170.000 C | 110J | .270 G | 900UA | 75 | 80 | |
| | HEP238 | PG 210 | 5 | MOT | 60 | 40S | 20.0 | 3.000 | 20.000 C | 110J | .200 G | 125UA | 30 | 120 | |
| | HEP239 | PG 210 | 5 | MOT | 100 | 60S | 20.0 | 3.000 | 20.000 C | 110J | .200 G | 125UA | 30 | 120 | |
| | HEP240 | NS 605 | 66 | MOT | 300 | 300 | 6.0 | .500 | 10.000 C | 150J | 10.000 G | | | 115 | |
| | HEP241 | NS 605 | 66 | MOT | 160 | 120 | 6.0 | 5.000 | 40.000 C | 150J | 20.000 G | | | 60 | |
| | HEP242 | PS 211 | 5 | MOT | 60 | 40 | 7.0 | 3.000 | 6.000 C | 200J | 8.000 G | | | 60 | |
| | HEP243 | NS 211 | 5 | MOT | 60 | 40 | 6.0 | 3.000 | 6.000 C | 200J | 8.000 G | | | 60 | |
| | HEP244 | NS 48 A | | MOT | 300 | 300 | 3.0 | .500 | 25.000 C | 150J | 15.000 G | | | 80 | |
| | HEP245 | NS 48 A | | MOT | 60 | 40 | 5.0 | 3.000 | 30.000 C | 150J | 8.000 G | | | 60 | |
| | HEP246 | PS 48 A | | MOT | 60 | 40 | 5.0 | 3.000 | 30.000 C | 150J | 8.000 G | | | 60 | |
| | HEP247 | NS 605 | 3 | MOT | 70 | 50 | 7.0 | 10.000 | 150.000 C | 200J | 6.000 G | | | 60 | |
| | HEP248 | PS 605 | 3 | MOT | 70 | 50 | 7.0 | 10.000 | 150.000 C | 200J | 6.000 G | | | 60 | |
| | HEP250 | PG 210 | 5 | MOT | 20 | 20S | 2.5 | .200 | .200 A | 85J | 1.500 G | | | 65 | |
| | HEP251 | PG 210 | 5 | MOT | 20 | 20S | 2.0 | .200 | .200 A | 85J | 2.500 G | | | 150 | |
| | HEP252 | PG 210 | 5 | MOT | 20 | 20S | 2.0 | .200 | .200 A | 85J | 1.500 G | 200UA | | 65 | |
| | HEP253 | PG 212 | 5 | MOT | 20 | 20S | 2.5 | .400 | .225 A | 100J | 2.000 G | | | 40 | |
| | HEP254 | PG 212 | 5 | MOT | 20 | 20S | 2.5 | .400 | .225 A | 100J | 2.000 G | | | 70 | |
| | HEP623 | PG 605 | 3 | MOT | 60 | 35S | 20.0 | 7.000 | 77.000 C | 110J | .600 G | | | 70 | |
| | HEP624 | PG 605 | 3 | MOT | 60 | 35S | 20.0 | 7.000 | 77.000 C | 110J | .600 G | | | 120 | |
| | HEP625 | PG 605 | 3 | MOT | 100 | 75S | 50.0 | 10.000 | 90.000 C | 110J | .005 G | | | 40 | |
| | HEP626 | PG 605 | 3 | MOT | 80 | 50S | 2.0 | 20.000 | 85.000 C | 110J | 1.000 G | | | 60 | |
| | HEP627 | PG 605 | 3 | MOT | 80 | 80S | 5.0 | 10.000 | 85.000 C | 110J | .700 G | | | 40 | |
| | HEP628 | PG 605 | 3 | MOT | 60 | 35S | 20.0 | 7.000 | 77.000 C | 110J | .600 G | | | 45 | |
| | HEP629 | PG 210 | 5 | MOT | 50 | 40S | 30.0 | .400 | .200 A | 100J | 1.000 G | | | 110 | |
| | HEP630 | PG 210 | 5 | MOT | 55 | 40S | 30.0 | .400 | .200 A | 100J | 1.000 G | | | 50 | |
| | HEP631 | PG 210 | 5 | MOT | 40 | 25S | 25.0 | .200 | .200 A | 100J | 1.500 G | | | 45 | |
| | HEP632 | PG 210 | 5 | MOT | 40 | 25S | 25.0 | .200 | .200 A | 100J | 2.000 G | | | 80 | |
| | HEP633 | PG 210 | 5 | MOT | 40 | 25S | 25.0 | .200 | .200 A | 100J | 2.500 G | | | 160 | |
| | HEP634 | PG 210 | 5 | MOT | 40 | 25S | 25.0 | .200 | .200 A | 100J | 3.000 G | | | 350 | |
| | HEP635 | PG 210 | 5 | MOT | 30 | 25S | 2.5 | .100 | .150 A | 100J | 100.000 G | | | 85 | |
| | HEP636 | PG 210 | 18 | MOT | 35 | 35S | 3.0 | .100 | .150 A | 100J | 600.000 G | | | 120 | |
| | HEP637 | PG 217 | 72 | MOT | 20 | 15S | .3 | .010 | .150 A | 100J | 800.000 G | | | 120 | |
| | HEP638 | PG 210 | 5 | MOT | 30 | 20S | .5 | .050 | .060 A | 100J | 100.000 G | | | 60 | |
| | HEP639 | PG 120 | 1 | MOT | 18 | 18S | .5 | .005 | .055 A | 100J | | | | 70 | |
| | HEP640 | PG 120 | 1 | MOT | 18 | 18S | .5 | .005 | .055 A | 100J | | | | 130 | |
| | HEP641 | NG 210 | 5 | MOT | 25 | 15S | 10.0 | .300 | .150 A | 85J | 150.000 G | | | 70 | |
| | HEP642 | PG 605 | 66 | MOT | 30 | 25S | 20.0 | 3.000 | 57.000 C | 110J | .350 G | 1MA | 30 | 95 | |
| | HEP643 | PG 605 | 66 | MOT | 30 | 25S | 20.0 | 3.000 | 57.000 C | 110J | .350 G | 1MA | 30 | 160 | |
| | HEP644 | PG 605 | 3 | MOT | 160 | 160S | 5.0 | 10.000 | 85.000 C | 110J | .050 G | 3MA | 160 | 40 | |
| | HEP700 | PS 48 A | | MOT | 40 | 40 | 5.0 | 5.000 | 40.000 C | 150J | 8.000 G | | | 70 | |
| | HEP701 | NS 48 A | | MOT | 40 | 40 | 5.0 | 3.000 | 40.000 C | 150J | 8.000 G | | | 100 | |
| | HEP702 | PS 605 | 66 | MOT | 80 | 80 | 5.0 | 3.000 | 25.000 C | 150J | 8.000 G | | | 80 | |
| | HEP703 | NS 605 | 66 | MOT | 70 | 60 | 5.0 | 5.000 | 25.000 C | 150J | 6.000 G | | | 85 | |
| | HEP704 | NS 605 | 3 | MOT | 100 | 60 | 7.0 | 15.000 | 115.000 C | 200J | 1.000 G | | | 90 | |
| | HEP705 | PS 605 | 3 | MOT | 40 | 40 | 5.0 | 5.000 | 87.500 C | 200J | 4.000 G | | | 250 | |
| | HEP706 | NS 211 | 5 | MOT | 350 | 325 | 6.0 | .100 | 4.000 C | 175J | 10.000 G | | | 25 | |
| | HEP707 | NS 605 | 3 | MOT | 400 | 325 | 5.0 | 10.000 | 115.000 C | 300J | 2.500 G | | | 65 | |
| | HEP708 | PS 210 | 18 | MOT | 60 | 60 | 5.0 | .600 | 1.800 C | 175J | 275.000 G | | | 85 | |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | | $I_{CBO}$ @ $V_{CB}$ | $h_{FE}$ @ $I_C$(A) | |
| | HEP709 | NS 217 | 72 | MOT | 30 | 15 | 3.0 | .050 | .300 | A | 175J | 600.000 | G | | 120 | |
| | HEP710 | PS 211 | 5 | MOT | 95 | 80 | 4.5 | .100 | 3.000 | C | 200J | 200.000 | G | | 25 | |
| | HEP712 | NS 211 | 5 | MOT | 180 | 200 | 5.0 | .050 | 1.000 | C | 175J | 150.000 | G | | 35 | |
| | HEP713 | NS 211 | 5 | MOT | 100 | 100 | 5.0 | .200 | 1.000 | C | 175J | 150.000 | G | | 35 | |
| | HEP714 | NS 49 A | | MOT | 150 | 150 | 5.0 | 1.000 | 1.000 | C | 175J | 100.000 | G | | 120 | |
| | HEP715 | PS 41 | 92 | MOT | 50 | 40 | 4.0 | .200 | .310 | A | 135J | 200.000 | G | | 120 | |
| | HEP716 | PS 41 | 92 | MOT | 40 | 40 | 5.0 | .600 | .310 | A | 135J | 300.000 | G | | 110 | |
| | HEP717 | PS 41 | 92 | MOT | 25 | 25 | 4.0 | .100 | .310 | A | 135J | 120.000 | G | | 350 | |
| | HEP718 | NS 41 | 92 | MOT | 30 | 20 | 4.0 | .100 | .310 | A | 135J | 600.000 | G | | 80 | |
| | HEP719 | NS 41 | 92 | MOT | 30 | 30 | 4.0 | .100 | .310 | A | 135J | 700.000 | G | | 130 | |
| | HEP720 | NS 41 | 92 | MOT | 30 | 20 | 3.0 | .100 | .310 | A | 135J | 800.000 | G | | 40 | |
| | HEP721 | NS 41 | 92 | MOT | 30 | 30 | 5.0 | .500 | .310 | A | 135J | 260.000 | G | | 350 | |
| | HEP722 | NS 41 | 92 | MOT | 25 | 25 | 4.0 | .100 | .310 | A | 135J | 200.000 | G | | 60 | |
| | HEP723 | NS 41 | 92 | MOT | 25 | 25 | 4.0 | .100 | .310 | A | 135J | 200.000 | G | | 90 | |
| | HEP724 | NS 41 | 92 | MOT | 25 | 25 | 4.0 | .100 | .310 | A | 135J | 200.000 | G | | 160 | |
| | HEP725 | NS 41 | 92 | MOT | 25 | 25 | 4.0 | .100 | .310 | A | 135J | 200.000 | G | | 250 | |
| | HEP726 | NS 41 | 92 | MOT | 25 | 25 | 4.0 | .100 | .310 | A | 135J | 200.000 | G | | 350 | |
| | HEP727 | NS 41 | 92 | MOT | 25 | 20 | 4.0 | .100 | .310 | A | 135J | 200.000 | G | | 50 | |
| | HEP728 | NS 41 | 92 | MOT | 45 | 40 | 4.0 | .100 | .310 | A | 135J | 200.000 | G | | 180 | |
| | HEP729 | NS 41 | 92 | MOT | 45 | 45 | 4.0 | .100 | .310 | A | 135J | 200.000 | G | | 100 | |
| | HEP730 | NS 41 | 92 | MOT | 30 | 25 | 4.5 | .050 | .310 | A | 135J | 175.000 | G | | 600 | |
| | HEP731 | NS 41 | 92 | MOT | 20 | 20 | 4.0 | .025 | .310 | A | 135J | 30.000 | G | | 130 | |
| | HEP732 | NS 41 | 92 | MOT | 20 | 20 | 4.0 | .025 | .310 | A | 135J | 200.000 | G | | 45 | |
| | HEP733 | NS 41 | 92 | MOT | 30 | 20 | 4.0 | .100 | .310 | A | 135J | 100.000 | G | | 95 | |
| | HEP734 | NS 41 | 92 | MOT | 40 | 20 | 4.0 | .025 | .310 | A | 135J | 200.000 | G | | 75 | |
| | HEP735 | NS 41 | 92 | MOT | 45 | 40 | 6.0 | .600 | .310 | A | 135J | 150.000 | G | | 300 | |
| | HEP736 | NS 41 | 92 | MOT | 55 | 50 | 6.0 | .600 | .310 | A | 135J | 150.000 | G | | 140 | |
| | HEP737 | NS 41 | 92 | MOT | 30 | 25 | 6.0 | .100 | .310 | A | 135J | 100.000 | G | | 600 | |
| | HEP738 | NS 41 | 92 | MOT | 45 | 40 | 7.0 | .100 | .310 | A | 135J | 100.000 | G | | 250 | |
| | HEP739 | PS 41 | 92 | MOT | 40 | 35 | 25.0 | .150 | .310 | A | 135J | 4.000 | G | | 250 | |
| | HEP740 | NS 605 | 3 | MOT | 700 | 700 | 5.0 | 3.500 | 100.000 | C | 300J | 2.500 | G | 250NA 400 | | .015 |
| | HEPG6001 | PG 605 | 3 | MOT | 90 | 80S | 1.5 | 25.000 | 25.000 | C | 110J | .850 | G | 200UA 2 | 70 | |
| | HEPS0001 | NS 41 | 92 | MOT | 140 | 120 | 5.0 | .600 | .310 | A | 135J | 60.000 | G | 1UA 75 | 200 | |
| | HEPS0002 | NS 41 | 92 | MOT | 25 | 25 | 5.0 | .500 | .360 | A | 135J | 80.000 | G | 100NA 25 | 160 | |
| | HEPS0003 | NS 41 | 92 | MOT | 25 | 25 | 5.0 | .500 | .360 | A | 135J | 80.000 | G | 100NA 25 | 380 | |
| | HEPS0004 | NS 41 | 92 | MOT | 50 | 30 | 5.0 | .600 | .310 | A | 135J | 400.000 | G | 100NA 30 | 75 | |
| | HEPS0005 | NS 41 | 92 | MOT | 180 | 160 | 6.0 | .600 | .310 | A | 135J | 200.000 | G | 50NA 120 | 180 | |
| | HEPS0006 | PS 41 | 92 | MOT | 30 | 30 | 3.0 | .050 | .310 | A | 135J | 100.000 | G | 100NA 10 | 450 | |
| | HEPS0007 | NS 41 | 92 | MOT | 70 | 70 | 4.0 | .050 | .310 | A | 135J | 200.000 | G | 100NA 30 | 125 | |
| | HEPS3001 | NS 211 | 39 | MOT | 65 | 40 | 4.0 | 1.000 | 5.000 | A | 175J | 500.000 | G | 1MA 65 | 15 | |
| | HEPS3002 | NS 210 | 39 | MOT | 80 | 80 | 5.0 | 5.000 | 6.000 | C | 200J | 30.000 | G | 100UA 80 | 80 | |
| | HEPS3003 | PS 210 | 39 | MOT | 80 | 80 | 5.0 | 5.000 | 6.000 | C | 200J | 30.000 | G | 100UA 80 | 80 | |
| | HEPS3005 | NS 962 A | | MOT | 36 | 30S | 4.0 | 1.000 | 2.000 | C | 200J | 175.000 | G | 1MA 15 | 15 | |
| | HEPS3006 | NS 962 A | | MOT | 36 | 30S | 4.0 | 3.000 | 10.000 | C | 200J | 175.000 | G | 1MA 15 | 15 | |
| | HEPS3007 | NS 964 B | | MOT | 36 | 30S | 4.0 | 5.000 | 25.000 | C | 200J | 175.000 | G | 1MA 15 | 15 | |
| | HEPS3008 | NS 211 | 39 | MOT | 55 | 30S | 4.0 | .400 | 1.500 | C | 200J | 400.000 | G | 1UA 25 | 15 | |
| | HEPS3010 | NS 210 | 39 | MOT | 70 | 60 | 5.0 | 4.000 | 10.000 | C | 175J | 30.000 | G | 100UA 70 | 70 | |
| | HEPS3020 | NS 49 A | | MOT | 60 | 60 | 4.0 | 1.000 | 5.000 | C | 135J | 150.000 | G | 100NA 40 | 120 | |
| | HEPS3023 | NS 49 A | | MOT | 35 | 35 | 4.0 | 1.500 | 8.000 | C | 135J | 50.000 | G | 100NA 30 | 110 | |
| | HEPS3024 | NS 49 A | | MOT | 35 | 35 | 4.0 | 1.500 | 8.000 | C | 135J | 50.000 | G | 100NA 30 | 200 | |
| | HEPS3025 | NS 49 A | | MOT | 35 | 35 | 4.0 | 1.500 | 8.000 | C | 135J | 50.000 | G | 100NA 30 | 320 | |
| | HEPS3026 | NS 49 A | | MOT | 35 | 35 | 4.0 | 1.500 | 8.000 | C | 135J | 50.000 | G | 100NA 30 | 550 | |
| | HEPS3027 | PS 49 A | | MOT | 35 | 35 | 4.0 | 1.500 | 8.000 | C | 135J | 50.000 | G | 100NA 30 | 110 | |
| | HEPS3028 | PS 49 A | | MOT | 35 | 35 | 4.0 | 1.500 | 8.000 | C | 135J | 50.000 | G | 100NA 30 | 200 | |
| | HEPS3029 | PS 49 A | | MOT | 35 | 35 | 4.0 | 1.500 | 8.000 | C | 135J | 50.000 | G | 100NA 30 | 320 | |
| | HEPS3030 | PS 49 A | | MOT | 35 | 35 | 4.0 | 1.500 | 8.000 | C | 135J | 50.000 | G | 100NA 30 | 550 | |
| | HEPS3031 | PS 49 A | | MOT | 80 | 80 | 4.0 | 1.000 | 5.000 | C | 135J | 125.000 | G | 100NA 60 | 140 | |
| | HEPS5000 | NS 48 A | | MOT | 80 | 80 | 5.0 | 4.000 | 40.000 | C | 150J | 2.000 | G | 100NA 80 | 60 | |
| | HEPS5001 | NS 48 B | | MOT | 70 | 60 | 5.0 | 10.000 | 90.000 | C | 150J | 2.000 | G | 1MA 70 | 50 | |
| | HEPS5002 | PS 48 B | | MOT | 70 | 60 | 5.0 | 10.000 | 90.000 | C | 150J | 2.000 | G | 1MA 70 | 50 | |
| | HEPS5003 | NS 48 A | | MOT | 60 | 60 | 4.0 | 4.000 | 40.000 | C | 150J | 2.000 | G | 100NA 60 | 60 | |
| | HEPS5004 | NS 48 B | | MOT | 90 | 90 | 4.0 | 10.000 | 90.000 | C | 150J | 2.000 | G | 100UA 90 | 70 | |
| | HEPS5005 | PS 48 B | | MOT | 90 | 90 | 4.0 | 10.000 | 90.000 | C | 150J | 2.000 | G | 100UA 90 | 70 | |
| | HEPS5006 | PS 48 A | | MOT | 80 | 80 | 5.0 | 4.000 | 40.000 | C | 150J | 2.000 | G | 100UA 80 | 60 | |
| | HEPS5007 | PS 48 A | | MOT | 60 | 60 | 5.0 | 4.000 | 40.000 | C | 150J | 2.000 | G | 100UA 60 | 60 | |
| | HEPS5008 | PS 48 B | | MOT | 40 | 40 | 4.0 | 5.000 | 65.000 | C | 150J | 2.000 | G | 100UA 40 | 70 | |
| | HEPS5009 | PS 48 B | | MOT | 40 | 40 | 4.0 | 5.000 | 65.000 | C | 150J | 2.000 | G | 100UA 40 | 120 | |
| | HEPS5010 | PS 48 B | | MOT | 40 | 40 | 4.0 | 5.000 | 65.000 | C | 150J | 2.000 | G | 100UA 40 | | |
| | HEPS7000 | NS 605 | 3 | MOT | 100 | 100 | 4.0 | 30.000 | 200.000 | C | 200J | 2.000 | G | 1MA 100 | 75 | |
| | HEPS7001 | PS 605 | 3 | MOT | 100 | 100 | 4.0 | 30.000 | 200.000 | C | 200J | 2.000 | G | 1MA 100 | 75 | |
| | HF3H | PG 210 | 5 | SEM | 15 | 10 | 5.0 | .200 | .100 | A | | 3.000 | G | | 80 | |
| | HF3M | PG 210 | 5 | SEM | 15 | 10 | 5.0 | .200 | .100 | A | | 3.000 | G | | 40 | |
| | HF6H | PG 210 | 5 | SEM | 15 | 15 | 10.0 | .200 | .100 | A | | 6.000 | G | | 100 | |
| | HF6M | PG 210 | 5 | SEM | 15 | 15 | 10.0 | .200 | .100 | A | | 6.000 | G | | 50 | |
| | HF12H | PG 210 | 5 | SEM | 18 | 15 | 10.0 | .200 | .100 | A | | 12.000 | G | | 100 | |
| | HF12M | PG 210 | 5 | SEM | 18 | 15 | 10.0 | .200 | .100 | A | | 12.000 | G | | 50 | |
| | HF20H | PG 210 | 5 | SEM | 20 | 20 | 10.0 | .200 | .250 | A | | 20.000 | G | | 150 | |
| | HF20M | PG 210 | 5 | SEM | 20 | 20 | 10.0 | .200 | .250 | A | | 20.000 | G | | 80 | |
| | HF35 | PG 120 | 58 | SEM | 25 | 20 | 2.0 | .100 | .150 | A | | 100.000 | G | | 50 | |
| | HF50 | PG 120 | 58 | SEM | 25 | 20 | 2.0 | .100 | .150 | A | | 100.000 | G | | 80 | |
| | HF75 | PG 120 | 58 | SEM | 25 | 20 | 2.0 | .100 | .150 | A | | 100.000 | G | | 150 | |
| | HJ22D | | | SEE 2SA12 | | | | | | | | | | | | |
| | HJ23D | | | SEE 2SA15 | | | | | | | | | | | | |
| | HJ56 | | | SEE 2SA13 | | | | | | | | | | | | |
| | HJ57 | | | SEE 2SA16 | | | | | | | | | | | | |
| | HJ60 | | | SEE 2SA17 | | | | | | | | | | | | |
| | HJ70 | | | SEE 2SA80 | | | | | | | | | | | | |
| | HJT1 | | | SEE 2SA81 | | | | | | | | | | | | |
| | HJT2 | | | SEE 2SA82 | | | | | | | | | | | | |
| | HJT3 | | | SEE 2SA83 | | | | | | | | | | | | |
| | HJT4 | | | SEE 2SA84 | | | | | | | | | | | | |
| | HJ75 | | | SEE 2SA85 | | | | | | | | | | | | |
| | HN100 | NS 605 | 3 | SEM | 100 | 50 | 5.0 | 5.000 | 150.000 | C | | 1.000 | G | | 20 | |
| | HN150 | NS 605 | 3 | SEM | 150 | 120 | 7.0 | 15.000 | 150.000 | C | | 1.000 | G | | 20 | |
| | HO300 | PG 605 | 3 | SEM | 300 | 250 | 2.0 | 10.000 | 100.000 | C | | 5.000 | G | | 20 | |
| | HST1050 | NS 605 | 3 | HUG | 250 | 200 | 8.0 | | 80.000 | H | | | | 5UA 100 | 23 | 1.000 |
| | HST1051 | NS 605 | 3 | HUG | 400 | 325 | 8.0 | | 80.000 | H | | | | 5UA 100 | 23 | 1.000 |
| | HST1052 | NS 605 | 3 | HUG | 500 | 400 | 8.0 | | 80.000 | H | | | | 5UA 100 | 23 | 1.000 |
| | HST1053 | NS 605 | 3 | HUG | 600 | 400 | 8.0 | | 80.000 | H | | | | 5UA 100 | 23 | 1.000 |
| | HST1054 | NS 605 | 3 | HUG | 700 | 400 | 8.0 | | 80.000 | H | | | | 5UA 100 | 23 | 1.000 |
| | HST1055 | NS 605 | 3 | HUG | 250 | 200 | 8.0 | | 80.000 | H | | | | 1UA 150 | 22 | 1.000 |
| | HST1056 | NS 605 | 3 | HUG | 400 | 325 | 8.0 | | 80.000 | H | | | | 1UA 150 | 22 | 1.000 |
| | HST1057 | NS 605 | 3 | HUG | 500 | 400 | 8.0 | | 80.000 | H | | | | 1UA 150 | 22 | 1.000 |
| | HST1058 | NS 605 | 3 | HUG | 600 | 400 | 8.0 | | 80.000 | H | | | | 1UA 150 | 22 | 1.000 |
| | HST1059 | NS 605 | 3 | HUG | 700 | 400 | 8.0 | | 80.000 | H | | | | 1UA 150 | 22 | 1.000 |
| | HST1060 | NS 605 | 3 | HUG | 250 | 200 | 8.0 | | 80.000 | H | | | | 1UA 150 | 15 | 1.000 |
| | HST1061 | NS 605 | 3 | HUG | 400 | 325 | 8.0 | | 80.000 | H | | | | 1UA 150 | 15 | 1.000 |
| | HST1062 | NS 605 | 3 | HUG | 500 | 400 | 8.0 | | 80.000 | H | | | | 1UA 150 | 15 | 1.000 |
| | HST1063 | NS 605 | 3 | HUG | 600 | 400 | 8.0 | | 80.000 | H | | | | 1UA 150 | 15 | 1.000 |
| | HST1064 | NS 605 | 3 | HUG | 700 | 400 | 8.0 | | 80.000 | H | | | | 1UA 150 | 15 | 1.000 |
| | HST1150 | NS 605 | 66 | HUG | 250 | 200 | 8.0 | | 40.000 | H | | | | 1UA 150 | 15 | 1.000 |
| | HST1151 | NS 605 | 66 | HUG | 400 | 325 | 8.0 | | 40.000 | H | | | | 1UA 150 | 15 | 1.000 |
| | HST1152 | NS 605 | 66 | HUG | 500 | 400 | 8.0 | | 40.000 | H | | | | 1UA 150 | 15 | 1.000 |
| | HST1153 | NS 605 | 66 | HUG | 600 | 400 | 8.0 | | 40.000 | H | | | | 1UA 150 | 15 | 1.000 |
| | HST1154 | NS 605 | 66 | HUG | 700 | 400 | 8.0 | | 40.000 | H | | | | 1UA 150 | 15 | 1.000 |
| | HST1155 | NS 605 | 66 | HUG | 250 | 200 | 8.0 | | 40.000 | H | | | | 1UA 150 | 22 | 1.000 |
| | HST1156 | NS 605 | 66 | HUG | 400 | 325 | 8.0 | | 40.000 | H | | | | 1UA 150 | 22 | 1.000 |
| | HST1157 | NS 605 | 66 | HUG | 500 | 400 | 8.0 | | 40.000 | H | | | | 1UA 150 | 22 | 1.000 |
| | HST1158 | NS 605 | 66 | HUG | 600 | 400 | 8.0 | | 40.000 | H | | | | 1UA 150 | 22 | 1.000 |
| | HST1159 | NS 605 | 66 | HUG | 700 | 400 | 8.0 | | 40.000 | H | | | | 1UA 150 | 22 | 1.000 |
| | HST1160 | NS 605 | 66 | HUG | 250 | 200 | 8.0 | | 40.000 | H | | | | 5UA 100 | 23 | 1.000 |
| | HST1161 | NS 605 | 66 | HUG | 400 | 325 | 8.0 | | 40.000 | H | | | | 5UA 100 | 23 | 1.000 |
| | HST1162 | NS 605 | 66 | HUG | 500 | 400 | 8.0 | | 40.000 | H | | | | 5UA 100 | 23 | 1.000 |
| | HST1163 | NS 605 | 66 | HUG | 600 | 400 | 8.0 | | 40.000 | H | | | | 5UA 100 | 23 | 1.000 |
| | HST1164 | NS 605 | 66 | HUG | 700 | 400 | 8.0 | | 40.000 | H | | | | 5UA 100 | 23 | 1.000 |
| | HST1250 | NS 561 | 61 | HUG | 250 | 200 | 8.0 | | 80.000 | H | | | | 5UA 100 | 23 | 1.000 |
| | HST1251 | NS 561 | 61 | HUG | 400 | 325 | 8.0 | | 80.000 | H | | | | 5UA 100 | 23 | 1.000 |
| | HST1252 | NS 561 | 61 | HUG | 500 | 400 | 8.0 | | 80.000 | H | | | | 5UA 100 | 23 | 1.000 |
| | HST1253 | NS 561 | 61 | HUG | 600 | 400 | 8.0 | | 80.000 | H | | | | 5UA 100 | 23 | 1.000 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response | | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | (MHz) | Condition | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ $I_C$(A) | |
| | HST1254 | NS 561 | 61 | HUG | 700 | 400 | 8.0 | | 80.000 | H | | | | | 5UA | 100 | 23 | 1.000 |
| | HST1255 | NS 561 | 61 | HUG | 250 | 200 | 8.0 | | 80.000 | H | | | | | 1UA | 150 | 22 | 1.000 |
| | HST1256 | NS 561 | 61 | HUG | 400 | 325 | 8.0 | | 80.000 | H | | | | | 1UA | 150 | 22 | 1.000 |
| | HST1257 | NS 561 | 61 | HUG | 500 | 400 | 8.0 | | 80.000 | H | | | | | 1UA | 150 | 22 | 1.000 |
| | HST1258 | NS 561 | 61 | HUG | 600 | 400 | 8.0 | | 80.000 | H | | | | | 1UA | 150 | 22 | 1.000 |
| | HST1259 | NS 561 | 61 | HUG | 700 | 400 | 8.0 | | 80.000 | H | | | | | 1UA | 150 | 22 | 1.000 |
| | HST1260 | NS 561 | 61 | HUG | 250 | 200 | 8.0 | | 80.000 | H | | | | | 1UA | 150 | 22 | 1.000 |
| | HST1261 | NS 561 | 61 | HUG | 400 | 325 | 8.0 | | 80.000 | H | | | | | 1UA | 150 | 15 | 1.000 |
| | HST1262 | NS 561 | 61 | HUG | 500 | 400 | 8.0 | | 80.000 | H | | | | | 1UA | 150 | 15 | 1.000 |
| | HST1263 | NS 561 | 61 | HUG | 600 | 400 | 8.0 | | 80.000 | H | | | | | 1UA | 150 | 15 | 1.000 |
| | HST1264 | NS 561 | 61 | HUG | 700 | 400 | 8.0 | | 80.000 | H | | | | | 1UA | 150 | 15 | 1.000 |
| | HST1808 | PG 403 | 68 | HUG | 80 | 60 | | | 170.000 | C | | | | | | | 23 | 50.000 |
| | HST1809 | PG 403 | 68 | HUG | 60 | 45 | | | 170.000 | C | | | | | | | 23 | 50.000 |
| | HST1810 | PG 403 | 68 | HUG | 40 | 30 | | | 170.000 | C | | | | | | | 23 | 50.000 |
| | HST1860 | PG 403 | 68 | HUG | 80 | 60 | | | 170.000 | C | | | | | | | 30 | 50.000 |
| | HST1861 | PG 403 | 68 | HUG | 60 | 45 | | | 170.000 | C | | | | | | | 30 | 50.000 |
| | HST1862 | PG 403 | 68 | HUG | 40 | 30 | | | 170.000 | C | | | | | | | 30 | 50.000 |
| | HST1908 | PG 176 E | | HUG | 80 | 60 | | | 140.000 | C | | | | | | | 23 | 50.000 |
| | HST1909 | PG 176 E | | HUG | 60 | 45 | | | 140.000 | C | | | | | | | 23 | 50.000 |
| | HST1910 | PG 176 E | | HUG | 40 | 30 | | | 140.000 | C | | | | | | | 23 | 50.000 |
| | HST1960 | PG 176 E | | HUG | 80 | 60 | | | 170.000 | C | | | | | | | 30 | 50.000 |
| | HST1961 | PG 176 E | | HUG | 60 | 45 | | | 170.000 | C | | | | | | | 30 | 50.000 |
| | HST1962 | PG 176 E | | HUG | 40 | 30 | | | 170.000 | C | | | | | | | 30 | 50.000 |
| | HST2008 | PG 571 A | | HUG | 80 | 60 | | | 140.000 | C | | | | | | | 23 | 50.000 |
| | HST2009 | PG 571 A | | HUG | 60 | 45 | | | 140.000 | C | | | | | | | 23 | 50.000 |
| | HST2010 | PG 571 A | | HUG | 40 | 30 | | | 140.000 | C | | | | | | | 23 | 50.000 |
| | HST2101 | PG 390 A | | HUG | 10 | 5 | | | 100.000 | C | | | | | | | 60 | 99.000 |
| | HST2110 | PG 390 A | | HUG | 10 | 5 | | | 100.000 | C | | | | | | | 60 | 99.000 |
| | HST2111 | PG 390 A | | HUG | 10 | 5 | | | 100.000 | C | | | | | | | 60 | 99.000 |
| | HST2112 | PG 390 B | | HUG | 10 | 5 | | | 100.000 | C | | | | | | | 60 | 99.000 |
| | HST2150 | PG 390 B | | HUG | 10 | 5 | | | 100.000 | C | | | | | | | 60 | 99.000 |
| | HST2151 | PG 390 B | | HUG | 10 | 5 | | | 100.000 | C | | | | | | | 60 | 99.000 |
| | HST2152 | PG 390 B | | HUG | 10 | 5 | | | 100.000 | C | | | | | | | 60 | 99.000 |
| | HST4451 | NS 211 | 5 | HUG | 80 | 40 | 8.0 | | 4.000 | H | | | 70.000 | G | 1UA | 60 | 35 | 5.000 |
| | HST4452 | NS 211 | 5 | HUG | 100 | 80 | 8.0 | | 4.000 | H | | | 70.000 | G | 1UA | 60 | 35 | 5.000 |
| | HST4453 | NS 211 | 5 | HUG | 80 | 40 | 8.0 | | 4.000 | H | | | 70.000 | G | 1UA | 60 | 70 | 5.000 |
| | HST4454 | NS 211 | 5 | HUG | 100 | 80 | 8.0 | | 4.000 | H | | | 70.000 | G | 1UA | 60 | 70 | 5.000 |
| | HST4455 | NS 211 | 5 | HUG | 80 | 40 | 8.0 | | 4.000 | H | | | 70.000 | G | 1UA | 60 | 150 | 5.000 |
| | HST4456 | NS 211 | 5 | HUG | 100 | 80 | 8.0 | | 4.000 | H | | | 70.000 | G | 1UA | 60 | 150 | 5.000 |
| | HST4483 | NS 211 | 5 | HUG | 60 | 40 | 8.0 | | 4.000 | H | | | 70.000 | G | 1UA | 60 | 35 | 5.000 |
| | HST4551 | NS 490 A | | HUG | 80 | 40 | 8.0 | | 20.000 | H | | | 70.000 | G | 1UA | 60 | 35 | 5.000 |
| | HST4552 | NS 490 A | | HUG | 100 | 80 | 8.0 | | 20.000 | H | | | 70.000 | G | 1UA | 60 | 35 | 5.000 |
| | HST4553 | NS 490 A | | HUG | 80 | 40 | 8.0 | | 20.000 | H | | | 70.000 | G | 1UA | 60 | 70 | 5.000 |
| | HST4554 | NS 490 A | | HUG | 100 | 80 | 8.0 | | 20.000 | H | | | 70.000 | G | 1UA | 60 | 70 | 5.000 |
| | HST4555 | NS 490 A | | HUG | 80 | 40 | 8.0 | | 20.000 | H | | | 70.000 | G | 1UA | 60 | 150 | 5.000 |
| | HST4556 | NS 490 A | | HUG | 100 | 80 | 8.0 | | 20.000 | H | | | 70.000 | G | 1UA | 60 | 150 | 5.000 |
| | HST4583 | NS 490 A | | HUG | 60 | 40 | 5.0 | | 20.000 | H | | | 70.000 | G | 1UA | 60 | 35 | 5.000 |
| | HST5001 | NS 211 | 46 | HUG | 60 | 40 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 30 | 88 | .500 |
| | HST5002 | NS 211 | 46 | HUG | 80 | 60 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 30 | 88 | .500 |
| | HST5003 | NS 211 | 46 | HUG | 100 | 80 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 60 | 88 | .500 |
| | HST5004 | NS 211 | 46 | HUG | 140 | 100 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 60 | 88 | .500 |
| | HST5005 | NS 211 | 46 | HUG | 180 | 120 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 60 | 88 | .500 |
| | HST5006 | NS 211 | 46 | HUG | 60 | 40 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 30 | 45 | .500 |
| | HST5007 | NS 211 | 46 | HUG | 80 | 60 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 30 | 45 | .500 |
| | HST5008 | NS 211 | 46 | HUG | 100 | 80 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 60 | 45 | .500 |
| | HST5009 | NS 211 | 46 | HUG | 140 | 100 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 60 | 45 | .500 |
| | HST5010 | NS 211 | 46 | HUG | 180 | 120 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 60 | 45 | .500 |
| | HST5011 | NS 211 | 46 | HUG | 60 | 40 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 30 | 180 | .500 |
| | HST5012 | NS 211 | 46 | HUG | 80 | 60 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 30 | 180 | .500 |
| | HST5013 | NS 211 | 46 | HUG | 100 | 80 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 60 | 180 | .500 |
| | HST5014 | NS 211 | 46 | HUG | 140 | 100 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 60 | 180 | .500 |
| | HST5015 | NS 211 | 46 | HUG | 180 | 120 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 60 | 180 | .500 |
| | HST5051 | NS 211 | 46 | HUG | 175 | 150 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 60 | 88 | .500 |
| | HST5052 | NS 211 | 46 | HUG | 200 | 175 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 60 | 88 | .500 |
| | HST5053 | NS 211 | 46 | HUG | 225 | 200 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 60 | 88 | .500 |
| | HST5054 | NS 211 | 46 | HUG | 175 | 150 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 60 | 45 | .500 |
| | HST5055 | NS 211 | 46 | HUG | 200 | 175 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 60 | 45 | .500 |
| | HST5056 | NS 211 | 46 | HUG | 225 | 200 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 60 | 45 | .500 |
| | HST5501 | NS 211 | 5 | HUG | 60 | 40 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 30 | 88 | .500 |
| | HST5502 | NS 211 | 5 | HUG | 80 | 60 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 30 | 88 | .500 |
| | HST5503 | NS 211 | 5 | HUG | 100 | 80 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 60 | 88 | .500 |
| | HST5504 | NS 211 | 5 | HUG | 140 | 100 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 60 | 88 | .500 |
| | HST5505 | NS 211 | 5 | HUG | 180 | 120 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 60 | 88 | .500 |
| | HST5506 | NS 211 | 5 | HUG | 60 | 40 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 60 | 45 | .500 |
| | HST5507 | NS 211 | 5 | HUG | 80 | 60 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 60 | 45 | .500 |
| | HST5508 | NS 211 | 5 | HUG | 100 | 80 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 60 | 45 | .500 |
| | HST5509 | NS 211 | 5 | HUG | 140 | 100 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 60 | 45 | .500 |
| | HST5510 | NS 211 | 5 | HUG | 180 | 120 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 60 | 45 | .500 |
| | HST5511 | NS 211 | 5 | HUG | 60 | 40 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 30 | 180 | .500 |
| | HST5512 | NS 211 | 5 | HUG | 80 | 60 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 30 | 180 | .500 |
| | HST5513 | NS 211 | 5 | HUG | 100 | 80 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 60 | 180 | .500 |
| | HST5514 | NS 211 | 5 | HUG | 140 | 100 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 60 | 180 | .500 |
| | HST5515 | NS 211 | 5 | HUG | 180 | 120 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 60 | 180 | .500 |
| | HST5551 | NS 211 | 5 | HUG | 175 | 150 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 60 | 88 | .500 |
| | HST5552 | NS 211 | 5 | HUG | 200 | 175 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 60 | 88 | .500 |
| | HST5553 | NS 211 | 5 | HUG | 225 | 200 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 60 | 88 | .500 |
| | HST5554 | NS 211 | 5 | HUG | 175 | 150 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 60 | 45 | .500 |
| | HST5555 | NS 211 | 5 | HUG | 200 | 175 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 60 | 45 | .500 |
| | HST5556 | NS 211 | 5 | HUG | 225 | 200 | 8.0 | | 4.000 | H | | | 85.000 | G | 100NA | 60 | 45 | .500 |
| | HST5901 | NS 605 | 66 | HUG | 60 | 40 | 8.0 | | 16.600 | H | | | 85.000 | G | | | 88 | 5.000 |
| | HST5902 | NS 605 | 66 | HUG | 80 | 60 | 8.0 | | 16.600 | H | | | 85.000 | G | | | 88 | 5.000 |
| | HST5903 | NS 605 | 66 | HUG | 100 | 80 | 8.0 | | 16.600 | H | | | 85.000 | G | | | 88 | 5.000 |
| | HST5904 | NS 605 | 66 | HUG | 140 | 100 | 8.0 | | 16.600 | H | | | 85.000 | G | | | 88 | 5.000 |
| | HST5905 | NS 605 | 66 | HUG | 180 | 120 | 8.0 | | 16.600 | H | | | 85.000 | G | | | 88 | 5.000 |
| | HST5906 | NS 605 | 66 | HUG | 60 | 40 | 8.0 | | 16.600 | H | | | 85.000 | G | | | 45 | 5.000 |
| | HST5907 | NS 605 | 66 | HUG | 80 | 60 | 8.0 | | 16.600 | H | | | 85.000 | G | | | 45 | 5.000 |
| | HST5908 | NS 605 | 66 | HUG | 100 | 80 | 8.0 | | 16.600 | H | | | 85.000 | G | | | 45 | 5.000 |
| | HST5909 | NS 605 | 66 | HUG | 140 | 100 | 8.0 | | 16.600 | H | | | 85.000 | G | | | 45 | 5.000 |
| | HST5910 | NS 605 | 66 | HUG | 180 | 120 | 8.0 | | 16.600 | H | | | 85.000 | G | | | 45 | 5.000 |
| | HST5911 | NS 605 | 66 | HUG | 60 | 40 | 8.0 | | 16.600 | H | | | 85.000 | G | | | 180 | 5.000 |
| | HST5912 | NS 605 | 66 | HUG | 80 | 60 | 8.0 | | 16.600 | H | | | 85.000 | G | | | 180 | 5.000 |
| | HST5913 | NS 605 | 66 | HUG | 100 | 80 | 8.0 | | 16.600 | H | | | 85.000 | G | | | 180 | 5.000 |
| | HST5914 | NS 605 | 66 | HUG | 140 | 100 | 8.0 | | 16.600 | H | | | 85.000 | G | | | 180 | 5.000 |
| | HST5915 | NS 605 | 66 | HUG | 180 | 120 | 8.0 | | 16.600 | H | | | 85.000 | G | | | 180 | 5.000 |
| | HST5951 | NS 605 | 66 | HUG | 175 | 150 | 8.0 | | 16.600 | H | | | 85.000 | G | 100NA | 60 | 88 | 5.000 |
| | HST5952 | NS 605 | 66 | HUG | 200 | 175 | 8.0 | | 16.600 | H | | | 85.000 | G | 100NA | 60 | 88 | 5.000 |
| | HST5953 | NS 605 | 66 | HUG | 225 | 200 | 8.0 | | 16.600 | H | | | 85.000 | G | 100NA | 60 | 88 | 5.000 |
| | HST5954 | NS 605 | 66 | HUG | 175 | 150 | 8.0 | | 16.600 | H | | | 85.000 | G | 100NA | 60 | 45 | 5.000 |
| | HST5955 | NS 605 | 66 | HUG | 200 | 175 | 8.0 | | 16.600 | H | | | 85.000 | G | 100NA | 60 | 45 | 5.000 |
| | HST5956 | NS 605 | 66 | HUG | 225 | 200 | 8.0 | | 16.600 | H | | | 85.000 | G | 100NA | 60 | 45 | 5.000 |
| | HST6001 | NS 561 | 62 | HUG | 100 | 50 | 5.0 | | 40.000 | H | | | 70.000 | G | 1UA | 60 | 15 | 5.000 |
| | HST6011 | NS 561 | 62 | HUG | 80 | 40 | 8.0 | | 40.000 | H | | | 70.000 | G | 1UA | 60 | 35 | 5.000 |
| | HST6012 | NS 561 | 62 | HUG | 100 | 80 | 8.0 | | 40.000 | H | | | 70.000 | G | 1UA | 60 | 35 | 5.000 |
| | HST6013 | NS 561 | 62 | HUG | 80 | 40 | 8.0 | | 40.000 | H | | | 70.000 | G | 1UA | 60 | 70 | 5.000 |
| | HST6014 | NS 561 | 62 | HUG | 100 | 80 | 8.0 | | 40.000 | H | | | 70.000 | G | 1UA | 60 | 70 | 5.000 |
| | HST6015 | NS 561 | 62 | HUG | 80 | 40 | 8.0 | | 40.000 | H | | | 70.000 | G | 1UA | 60 | 150 | 5.000 |
| | HST6016 | NS 561 | 62 | HUG | 100 | 80 | 8.0 | | 40.000 | H | | | 70.000 | G | 1UA | 60 | 150 | 5.000 |
| | HST6031 | NS 561 | 62 | HUG | 60 | 40 | 5.0 | | 40.000 | H | | | 70.000 | G | 1UA | 60 | 35 | 5.000 |
| | HST6308 | NS 561 | 111 | HUG | 60 | 40 | 8.0 | | 30.000 | H | | | 70.000 | G | 1UA | 60 | 35 | 5.000 |
| | HST6309 | NS 561 | 111 | HUG | 80 | 60 | 8.0 | | 30.000 | H | | | 70.000 | G | 1UA | 60 | 35 | 5.000 |
| | HST6310 | NS 561 | 111 | HUG | 100 | 80 | 8.0 | | 30.000 | H | | | 70.000 | G | 1UA | 60 | 35 | 5.000 |
| | HST6311 | NS 561 | 111 | HUG | 60 | 40 | 8.0 | | 30.000 | H | | | 70.000 | G | 1UA | 60 | 70 | 5.000 |
| | HST6312 | NS 561 | 111 | HUG | 80 | 60 | 8.0 | | 30.000 | H | | | 70.000 | G | 1UA | 60 | 70 | 5.000 |
| | HST6313 | NS 561 | 111 | HUG | 100 | 80 | 8.0 | | 30.000 | H | | | 70.000 | G | 1UA | 60 | 70 | 5.000 |
| | HST6314 | NS 561 | 111 | HUG | 60 | 40 | 8.0 | | 30.000 | H | | | 70.000 | G | 1UA | 60 | 150 | 5.000 |
| | HST6315 | NS 561 | 111 | HUG | 80 | 60 | 8.0 | | 30.000 | H | | | 70.000 | G | 1UA | 60 | 150 | 5.000 |
| | HST6316 | NS 561 | 111 | HUG | 100 | 80 | 8.0 | | 30.000 | H | | | 70.000 | G | 1UA | 60 | 150 | 5.000 |
| | HST6408 | NS 560 | 111 | HUG | 60 | 40 | 8.0 | | 30.000 | H | | | 70.000 | G | 1UA | 60 | 35 | 5.000 |
| | HST6409 | NS 560 | 111 | HUG | 100 | 80 | 8.0 | | 30.000 | H | | | 70.000 | G | 1UA | 60 | 35 | 5.000 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Condition | Cutoff $I_{CBO}$ @ $V_{CB}$ | | Gain $h_{FE}$ @ $I_C$(A) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Temp. (°C) Cond. | | | | | | |
| | HST6410 | NS 560 | 111 | HUG | 100 | 80 | 8.0 | | 30.000 H | | 70.000 | G | 1UA | 60 | 35 | 5.000 |
| | HST6411 | NS 560 | 111 | HUG | 60 | 40 | 8.0 | | 30.000 H | | 70.000 | G | 1UA | 60 | 70 | 5.000 |
| | HST6412 | NS 560 | 111 | HUG | 80 | 60 | 8.0 | | 30.000 H | | 70.000 | G | 1UA | 60 | 70 | 5.000 |
| | HST6413 | NS 560 | 111 | HUG | 100 | 80 | 8.0 | | 30.000 H | | 70.000 | G | 1UA | 60 | 70 | 5.000 |
| | HST6414 | NS 560 | 111 | HUG | 60 | 40 | 8.0 | | 30.000 H | | 70.000 | G | 1UA | 60 | 150 | 5.000 |
| | HST6415 | NS 560 | 111 | HUG | 80 | 60 | 8.0 | | 30.000 H | | 70.000 | G | 1UA | 60 | 150 | 5.000 |
| | HST6416 | NS 560 | 111 | HUG | 100 | 80 | 8.0 | | 30.000 H | | 70.000 | G | 1UA | 60 | 150 | 5.000 |
| | HST6901 | NS 605 | 66 | HUG | 145 | 125 | 8.0 | | 20.000 H | | 70.000 | G | 1UA | 60 | 35 | .500 |
| | HST6902 | NS 605 | 66 | HUG | 170 | 150 | 8.0 | | 20.000 H | | 70.000 | G | 1UA | 60 | 35 | .500 |
| | HST6903 | NS 605 | 66 | HUG | 195 | 175 | 8.0 | | 20.000 H | | 70.000 | G | 1UA | 60 | 35 | .500 |
| | HST6904 | NS 605 | 66 | HUG | 220 | 200 | 8.0 | | 20.000 H | | 70.000 | G | 1UA | 60 | 35 | .500 |
| | HST6905 | NS 605 | 66 | HUG | 145 | 125 | 8.0 | | 20.000 H | | 70.000 | G | 1UA | 60 | 70 | .500 |
| | HST6906 | NS 605 | 66 | HUG | 170 | 150 | 8.0 | | 20.000 H | | 70.000 | G | 1UA | 60 | 70 | .500 |
| | HST6907 | NS 605 | 66 | HUG | 195 | 175 | 8.0 | | 20.000 H | | 70.000 | G | 1UA | 60 | 70 | .500 |
| | HST6908 | NS 605 | 66 | HUG | 220 | 200 | 8.0 | | 20.000 H | | 70.000 | G | 1UA | 60 | 70 | .500 |
| | HST7011 | NS 561 | 61 | HUG | 60 | 40 | 5.0 | | 50.000 H | | 60.000 | G | 1UA | 60 | 35 | .500 |
| | HST7012 | NS 561 | 61 | HUG | 80 | 60 | 5.0 | | 50.000 H | | 60.000 | G | 1UA | 60 | 35 | .500 |
| | HST7013 | NS 561 | 61 | HUG | 100 | 80 | 5.0 | | 50.000 H | | 60.000 | G | 1UA | 60 | 35 | .500 |
| | HST7014 | NS 561 | 61 | HUG | 60 | 40 | 5.0 | | 50.000 H | | 60.000 | G | 1UA | 60 | 70 | .500 |
| | HST7015 | NS 561 | 61 | HUG | 80 | 60 | 5.0 | | 50.000 H | | 60.000 | G | 1UA | 60 | 70 | .500 |
| | HST7016 | NS 561 | 61 | HUG | 100 | 80 | 5.0 | | 50.000 H | | 60.000 | G | 1UA | 60 | 70 | .500 |
| | HST7017 | NS 561 | 61 | HUG | 60 | 40 | 5.0 | | 50.000 H | | 60.000 | G | 1UA | 60 | 150 | .500 |
| | HST7018 | NS 561 | 61 | HUG | 80 | 60 | 5.0 | | 50.000 H | | 60.000 | G | 1UA | 60 | 150 | .500 |
| | HST7019 | NS 561 | 61 | HUG | 100 | 80 | 5.0 | | 50.000 H | | 60.000 | G | 1UA | 60 | 150 | .500 |
| | HST7140 | NS 561 | 61 | HUG | 120 | 100 | 8.0 | | 50.000 H | | 60.000 | G | 100NA | 60 | 70 | .500 |
| | HST7141 | NS 561 | 61 | HUG | 200 | 150 | 8.0 | | 50.000 H | | 60.000 | G | 100NA | 100 | 70 | .500 |
| | HST7150 | NS 561 | 61 | HUG | 140 | 120 | 8.0 | | 50.000 H | | 60.000 | G | 500NA | 60 | 35 | .500 |
| | HST7151 | NS 561 | 61 | HUG | 170 | 150 | 8.0 | | 50.000 H | | 60.000 | G | 500NA | 100 | 35 | .500 |
| | HST7152 | NS 561 | 61 | HUG | 220 | 200 | 8.0 | | 50.000 H | | 60.000 | G | 500NA | 100 | 35 | .500 |
| | HST7154 | NS 561 | 61 | HUG | 140 | 120 | 8.0 | | 50.000 H | | 60.000 | G | 500NA | 60 | 70 | .500 |
| | HST7155 | NS 561 | 61 | HUG | 170 | 150 | 8.0 | | 50.000 H | | 60.000 | G | 500NA | 100 | 70 | .500 |
| | HST7156 | NS 561 | 61 | HUG | 220 | 200 | 8.0 | | 50.000 H | | 60.000 | G | 500NA | 100 | 70 | .500 |
| | HST7201 | NS 605 | 3 | HUG | 225 | 200 | 8.0 | | 65.000 H | | 50.000 | G | 1UA | 100 | 35 | .500 |
| | HST7202 | NS 605 | 3 | HUG | 250 | 225 | 8.0 | | 65.000 H | | 50.000 | G | 1UA | 100 | 35 | .500 |
| | HST7203 | NS 605 | 3 | HUG | 275 | 250 | 8.0 | | 65.000 H | | 50.000 | G | 1UA | 100 | 35 | .500 |
| | HST7204 | NS 605 | 3 | HUG | 325 | 300 | 8.0 | | 65.000 H | | 50.000 | G | 1UA | 100 | 35 | .500 |
| | HST7205 | NS 605 | 3 | HUG | 350 | 325 | 8.0 | | 65.000 H | | 50.000 | G | 1UA | 100 | 35 | .500 |
| | HST7206 | NS 605 | 3 | HUG | 150 | 150 | 8.0 | | 65.000 H | | 50.000 | G | 10UA | 100 | 15 | .500 |
| | HST7207 | NS 605 | 3 | HUG | 200 | 200 | 8.0 | | 65.000 H | | 50.000 | G | 10UA | 100 | 22 | .500 |
| | HST7208 | NS 605 | 3 | HUG | 250 | 250 | 8.0 | | 65.000 H | | 50.000 | G | 10UA | 100 | 22 | .500 |
| | HST7209 | NS 605 | 3 | HUG | 300 | 300 | 8.0 | | 65.000 H | | 50.000 | G | 10UA | 100 | 22 | .500 |
| | HST7401 | NS 211 | 5 | HUG | 60 | 40 | 5.0 | | 5.000 H | | | | 1UA | 30 | 70 | 5.000 |
| | HST7402 | NS 211 | 5 | HUG | 80 | 60 | 5.0 | | 5.000 H | | | | 1UA | 60 | 70 | 5.000 |
| | HST7403 | NS 211 | 5 | HUG | 100 | 80 | 5.0 | | 5.000 H | | | | 1UA | 60 | 70 | 5.000 |
| | HST7411 | NS 211 | 5 | HUG | 60 | 40 | 5.0 | | 5.000 H | | | | 1UA | 30 | 35 | 5.000 |
| | HST7412 | NS 211 | 5 | HUG | 80 | 60 | 5.0 | | 5.000 H | | | | 1UA | 60 | 35 | 5.000 |
| | HST7413 | NS 211 | 5 | HUG | 100 | 80 | 5.0 | | 5.000 H | | | | 1UA | 60 | 35 | 5.000 |
| | HST7414 | NS 211 | 5 | HUG | 60 | 40 | 5.0 | | 5.000 H | | | | 1UA | 30 | 70 | 5.000 |
| | HST7415 | NS 211 | 5 | HUG | 80 | 60 | 5.0 | | 5.000 H | | | | 1UA | 60 | 70 | 5.000 |
| | HST7416 | NS 211 | 5 | HUG | 100 | 80 | 5.0 | | 5.000 H | | | | 1UA | 60 | 70 | 5.000 |
| | HST7417 | NS 211 | 5 | HUG | 60 | 40 | 5.0 | | 5.000 H | | | | 1UA | 30 | 150 | 5.000 |
| | HST7418 | NS 211 | 5 | HUG | 80 | 60 | 5.0 | | 5.000 H | | | | 1UA | 60 | 150 | 5.000 |
| | HST7419 | NS 211 | 5 | HUG | 100 | 80 | 5.0 | | 5.000 H | | | | 1UA | 60 | 150 | 5.000 |
| | HST7601 | NS 607 | 41 | HUG | 60 | 40 | 8.0 | | 65.000 H | | 60.000 | G | 500NA | 30 | 70 | 5.000 |
| | HST7602 | NS 607 | 41 | HUG | 80 | 60 | 8.0 | | 65.000 H | | 60.000 | G | 500NA | 30 | 70 | 5.000 |
| | HST7603 | NS 607 | 41 | HUG | 100 | 80 | 8.0 | | 65.000 H | | 60.000 | G | 500NA | 60 | 70 | 5.000 |
| | HST7604 | NS 607 | 41 | HUG | 140 | 120 | 8.0 | | 65.000 H | | 60.000 | G | 500NA | 60 | 70 | 5.000 |
| | HST7605 | NS 607 | 41 | HUG | 170 | 150 | 8.0 | | 65.000 H | | 60.000 | G | 500NA | 100 | 70 | 5.000 |
| | HST7606 | NS 607 | 41 | HUG | 220 | 200 | 8.0 | | 65.000 H | | 60.000 | G | 500NA | 100 | 70 | 5.000 |
| | HST7607 | NS 607 | 41 | HUG | 60 | 40 | 8.0 | | 65.000 H | | 60.000 | G | 500NA | 30 | 35 | 5.000 |
| | HST7608 | NS 607 | 41 | HUG | 80 | 60 | 8.0 | | 65.000 H | | 60.000 | G | 500NA | 30 | 35 | 5.000 |
| | HST7609 | NS 607 | 41 | HUG | 100 | 80 | 8.0 | | 65.000 H | | 60.000 | G | 500NA | 60 | 35 | 5.000 |
| | HST7610 | NS 607 | 41 | HUG | 140 | 120 | 8.0 | | 65.000 H | | 60.000 | G | 500NA | 60 | 35 | 5.000 |
| | HST7611 | NS 607 | 41 | HUG | 170 | 150 | 8.0 | | 65.000 H | | 60.000 | G | 500NA | 100 | 35 | 5.000 |
| | HST7612 | NS 607 | 41 | HUG | 220 | 200 | 8.0 | | 65.000 H | | 60.000 | G | 500NA | 100 | 35 | 5.000 |
| | HST7801 | NS 561 | 61 | HUG | 225 | 200 | 8.0 | | 50.000 H | | 50.000 | G | 1UA | 100 | 35 | 5.000 |
| | HST7802 | NS 561 | 61 | HUG | 250 | 225 | 8.0 | | 50.000 H | | 50.000 | G | 1UA | 100 | 35 | 5.000 |
| | HST7803 | NS 561 | 61 | HUG | 275 | 250 | 8.0 | | 50.000 H | | 50.000 | G | 1UA | 100 | 35 | 5.000 |
| | HST7804 | NS 561 | 61 | HUG | 325 | 300 | 8.0 | | 50.000 H | | 50.000 | G | 1UA | 100 | 35 | 5.000 |
| | HST7805 | NS 561 | 61 | HUG | 350 | 325 | 8.0 | | 50.000 H | | 50.000 | G | 1UA | 100 | 35 | 5.000 |
| | HST7806 | NS 561 | 61 | HUG | 150 | 150 | 8.0 | | 50.000 H | | 50.000 | G | 1UA | 100 | 15 | 5.000 |
| | HST7807 | NS 561 | 61 | HUG | 200 | 200 | 8.0 | | 50.000 H | | 50.000 | G | 1UA | 100 | 23 | 5.000 |
| | HST7808 | NS 561 | 61 | HUG | 250 | 250 | 8.0 | | 50.000 H | | 50.000 | G | 1UA | 100 | 23 | 5.000 |
| | HST7809 | NS 561 | 61 | HUG | 300 | 300 | 8.0 | | 50.000 H | | 50.000 | G | 1UA | 100 | 23 | 5.000 |
| | HST7901 | NS 605 | 66 | HUG | 225 | 200 | 8.0 | | 25.000 H | | 50.000 | G | 1UA | 100 | 35 | 5.000 |
| | HST7902 | NS 605 | 66 | HUG | 250 | 225 | 8.0 | | 25.000 H | | 50.000 | G | 1UA | 100 | 35 | 5.000 |
| | HST7903 | NS 605 | 66 | HUG | 275 | 250 | 8.0 | | 25.000 H | | 50.000 | G | 1UA | 100 | 35 | 5.000 |
| | HST7904 | NS 605 | 66 | HUG | 325 | 300 | 8.0 | | 25.000 H | | 50.000 | G | 1UA | 100 | 35 | 5.000 |
| | HST7905 | NS 605 | 66 | HUG | 350 | 325 | 8.0 | | 25.000 H | | 50.000 | G | 1UA | 100 | 35 | 5.000 |
| | HST7907 | NS 605 | 66 | HUG | 200 | 200 | 8.0 | | 25.000 H | | 50.000 | G | 10UA | 100 | 23 | 5.000 |
| | HST7908 | NS 605 | 66 | HUG | 250 | 250 | 8.0 | | 25.000 H | | 50.000 | G | 10UA | 100 | 23 | 5.000 |
| | HST7909 | NS 605 | 66 | HUG | 300 | 300 | 8.0 | | 25.000 H | | 50.000 | G | 10UA | 100 | 23 | 5.000 |
| | HST7910 | NS 605 | 66 | HUG | 150 | 150 | 8.0 | | 25.000 H | | 50.000 | G | 10UA | 100 | 15 | 5.000 |
| | HST8002 | NS 561 | 63 | HUG | 80 | 60 | 8.0 | | 100.000 H | | 35.000 | G | 100UA | 60 | 70 | 5.000 |
| | HST8003 | NS 561 | 63 | HUG | 100 | 80 | 8.0 | | 100.000 H | | 35.000 | G | 100UA | 60 | 70 | 5.000 |
| | HST8012 | NS 561 | 63 | HUG | 80 | 60 | 8.0 | | 100.000 H | | 35.000 | G | 10UA | 60 | 35 | 5.000 |
| | HST8013 | NS 561 | 63 | HUG | 100 | 80 | 8.0 | | 100.000 H | | 35.000 | G | 10UA | 60 | 35 | 5.000 |
| | HST8015 | NS 561 | 63 | HUG | 80 | 60 | 8.0 | | 100.000 H | | 35.000 | G | 10UA | 60 | 70 | 5.000 |
| | HST8016 | NS 561 | 63 | HUG | 100 | 80 | 8.0 | | 100.000 H | | 35.000 | G | 10UA | 60 | 70 | 5.000 |
| | HST8045 | NS 561 | 63 | HUG | 45 | 25 | 5.0 | | 100.000 H | | 35.000 | G | 10UA | 25 | 60 | 5.000 |
| | HST8070 | NS 561 | 63 | HUG | 80 | 60 | 8.0 | | 100.000 H | | 35.000 | G | 10UA | 60 | 150 | 5.000 |
| | HST8071 | NS 561 | 63 | HUG | 100 | 80 | 8.0 | | 100.000 H | | 35.000 | G | 10UA | 60 | 150 | 5.000 |
| | HST8105 | NS 913 A | | HUG | 80 | 60 | 8.0 | | 65.000 H | | 35.000 | G | 100UA | 60 | 70 | 5.000 |
| | HST8106 | NS 913 A | | HUG | 100 | 80 | 8.0 | | 65.000 H | | 35.000 | G | 100UA | 60 | 70 | 5.000 |
| | HST8110 | NS 913 A | | HUG | 80 | 60 | 8.0 | | 65.000 H | | 35.000 | G | 10UA | 60 | 150 | 5.000 |
| | HST8111 | NS 913 A | | HUG | 100 | 80 | 8.0 | | 65.000 H | | 35.000 | G | 10UA | 60 | 150 | 5.000 |
| | HST8112 | NS 913 A | | HUG | 80 | 60 | 8.0 | | 65.000 H | | 35.000 | G | 10UA | 60 | 35 | 5.000 |
| | HST8113 | NS 913 A | | HUG | 100 | 80 | 8.0 | | 65.000 H | | 35.000 | G | 10UA | 60 | 35 | 5.000 |
| | HST8114 | NS 913 A | | HUG | 40 | 25 | 8.0 | | 65.000 H | | 35.000 | G | 10UA | 60 | 60 | 5.000 |
| | HST8115 | NS 913 A | | HUG | 80 | 60 | 8.0 | | 65.000 H | | 35.000 | G | 10UA | 60 | 70 | 5.000 |
| | HST8116 | NS 913 A | | HUG | 100 | 80 | 8.0 | | 65.000 H | | 35.000 | G | 10UA | 60 | 70 | 5.000 |
| | HST8301 | NS 561 | 63 | HUG | 80 | 60 | 8.0 | | 100.000 H | | 35.000 | G | 10UA | 60 | 70 | 5.000 |
| | HST8302 | NS 561 | 63 | HUG | 100 | 80 | 8.0 | | 100.000 H | | 35.000 | G | 10UA | 60 | 70 | 5.000 |
| | HST8303 | NS 561 | 63 | HUG | 80 | 60 | 8.0 | | 100.000 H | | 35.000 | G | 10UA | 60 | 150 | 5.000 |
| | HST8304 | NS 561 | 63 | HUG | 100 | 80 | 8.0 | | 100.000 H | | 35.000 | G | 10UA | 60 | 150 | 5.000 |
| | HST8601 | NS 403 | 68 | HUG | 80 | 60 | 8.0 | | 166.000 H | | 15.000 | G | 10UA | 60 | 15 | 5.000 |
| | HST8602 | NS 403 | 68 | HUG | 100 | 80 | 8.0 | | 166.000 H | | 15.000 | G | 10UA | 60 | 15 | 5.000 |
| | HST8603 | NS 403 | 68 | HUG | 120 | 100 | 8.0 | | 166.000 H | | 15.000 | G | 10UA | 60 | 15 | 5.000 |
| | HST8604 | NS 403 | 68 | HUG | 140 | 120 | 8.0 | | 166.000 H | | 15.000 | G | 10UA | 60 | 15 | 5.000 |
| | HST8651 | NS 403 | 68 | HUG | 200 | 200 | 8.0 | | 166.000 H | | 15.000 | G | 10UA | 100 | 20 | 5.000 |
| | HST8652 | NS 403 | 68 | HUG | 225 | 225 | 8.0 | | 166.000 H | | 15.000 | G | 10UA | 100 | 20 | 5.000 |
| | HST8653 | NS 403 | 68 | HUG | 250 | 250 | 8.0 | | 166.000 H | | 15.000 | G | 10UA | 100 | 20 | 5.000 |
| | HST8654 | NS 403 | 68 | HUG | 275 | 275 | 8.0 | | 166.000 H | | 15.000 | G | 10UA | 100 | 20 | 5.000 |
| | HST8655 | NS 403 | 68 | HUG | 300 | 300 | 8.0 | | 166.000 H | | 15.000 | G | 10UA | 100 | 20 | 5.000 |
| | HST8801 | NS 561 | 63 | HUG | 200 | 200 | 8.0 | | 100.000 H | | 30.000 | G | 1UA | 60 | 30 | 4.000 |
| | HST8802 | NS 561 | 63 | HUG | 225 | 225 | 8.0 | | 100.000 H | | 30.000 | G | 1UA | 60 | 30 | 4.000 |
| | HST8803 | NS 561 | 63 | HUG | 250 | 250 | 8.0 | | 100.000 H | | 30.000 | G | 1UA | 60 | 30 | 4.000 |
| | HST8804 | NS 561 | 63 | HUG | 275 | 275 | 8.0 | | 100.000 H | | 30.000 | G | 1UA | 60 | 30 | 4.000 |
| | HST8805 | NS 561 | 63 | HUG | 300 | 300 | 8.0 | | 100.000 H | | 30.000 | G | 1UA | 60 | 30 | 4.000 |
| | HST8920 | NS 563 | 114 | HUG | 80 | 60 | 8.0 | | 200.000 H | | 15.000 | G | 10UA | 60 | 15 | 4.000 |
| | HST8921 | NS 563 | 114 | HUG | 100 | 80 | 8.0 | | 200.000 H | | 15.000 | G | 10UA | 60 | 15 | 4.000 |
| | HST8922 | NS 563 | 114 | HUG | 120 | 100 | 8.0 | | 200.000 H | | 15.000 | G | 10UA | 60 | 15 | 4.000 |
| | HST8923 | NS 563 | 114 | HUG | 140 | 120 | 8.0 | | 200.000 H | | 15.000 | G | 10UA | 60 | 15 | 4.000 |
| | HST8951 | NS 563 | 114 | HUG | 200 | 200 | 8.0 | | 166.000 H | | 15.000 | G | 10UA | 100 | 20 | 4.000 |
| | HST8952 | NS 563 | 114 | HUG | 225 | 225 | 8.0 | | 166.000 H | | 15.000 | G | 10UA | 100 | 20 | 4.000 |
| | HST8953 | NS 563 | 114 | HUG | 250 | 250 | 8.0 | | 166.000 H | | 15.000 | G | 10UA | 100 | 20 | 4.000 |
| | HST8954 | NS 563 | 114 | HUG | 275 | 275 | 8.0 | | 166.000 H | | 15.000 | G | 10UA | 100 | 20 | 4.000 |
| | HST8955 | NS 563 | 114 | HUG | 300 | 300 | 8.0 | | 166.000 H | | 15.000 | G | 10UA | 100 | 20 | 4.000 |
| | HST9001 | NS 211 | 5 | HUG | 50 | 30 | 5.0 | | 4.000 H | | 70.000 | G | 1UA | 25 | 30 | 4.000 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | | | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ $I_C$(A) | |
| | HST9002 | NS 211 | 5 | HUG | 70 | 50 | 5.0 | | 4.000 | H | | | 70.000 | G | 1UA | 25 | 30 | 4.000 |
| | HST9003 | NS 211 | 5 | HUG | 90 | 70 | 5.0 | | 4.000 | H | | | 70.000 | G | 1UA | 25 | 30 | 4.000 |
| | HST9004 | NS 211 | 5 | HUG | 50 | 30 | 5.0 | | 4.000 | H | | | 70.000 | G | 1UA | 25 | 52 | 4.000 |
| | HST9005 | NS 211 | 5 | HUG | 70 | 50 | 5.0 | | 4.000 | H | | | 70.000 | G | 1UA | 25 | 52 | 4.000 |
| | HST9006 | NS 211 | 5 | HUG | 90 | 70 | 5.0 | | 4.000 | H | | | 70.000 | G | 1UA | 25 | 52 | 4.000 |
| | HST9007 | NS 211 | 5 | HUG | 50 | 30 | 5.0 | | 4.000 | H | | | 70.000 | G | 1UA | 25 | 88 | 4.000 |
| | HST9008 | NS 211 | 5 | HUG | 70 | 50 | 5.0 | | 4.000 | H | | | 70.000 | G | 1UA | 25 | 88 | 4.000 |
| | HST9009 | NS 211 | 5 | HUG | 90 | 70 | 5.0 | | 4.000 | H | | | 70.000 | G | 1UA | 25 | 88 | 4.000 |
| | HST9010 | NS 211 | 5 | HUG | 50 | 30 | 5.0 | | 4.000 | H | | | 70.000 | G | 1UA | 25 | 150 | 4.000 |
| | HST9011 | NS 211 | 5 | HUG | 70 | 50 | 5.0 | | 4.000 | H | | | 70.000 | G | 1UA | 25 | 150 | 4.000 |
| | HST9012 | NS 211 | 5 | HUG | 90 | 70 | 5.0 | | 4.000 | H | | | 70.000 | G | 1UA | 25 | 150 | 4.000 |
| | HST9201 | NS 605 | 3 | HUG | 55 | 45 | 12.0 | | 115.000 | H | | | 70.000 | G | 2UA | 30 | 38 | 4.000 |
| | HST9202 | NS 605 | 3 | HUG | 100 | 80 | 12.0 | | 115.000 | H | | | 70.000 | G | 700NA | 30 | 38 | 4.000 |
| | HST9203 | NS 605 | 3 | HUG | 120 | 100 | 12.0 | | 115.000 | H | | | 70.000 | G | 700NA | 30 | 38 | 4.000 |
| | HST9204 | NS 605 | 3 | HUG | 140 | 120 | 12.0 | | 115.000 | H | | | 70.000 | G | 700NA | 30 | 38 | 4.000 |
| | HST9205 | NS 605 | 3 | HUG | 55 | 45 | 12.0 | | 115.000 | H | | | 70.000 | G | 2UA | 30 | 32 | 4.000 |
| | HST9206 | NS 605 | 3 | HUG | 80 | 60 | 12.0 | | 115.000 | H | | | 70.000 | G | 700NA | 30 | 32 | 4.000 |
| | HST9207 | NS 605 | 3 | HUG | 100 | 80 | 12.0 | | 115.000 | H | | | 70.000 | G | 700NA | 30 | 32 | 4.000 |
| | HST9208 | NS 605 | 3 | HUG | 120 | 100 | 12.0 | | 115.000 | H | | | 70.000 | G | 700NA | 30 | 32 | 4.000 |
| | HST9209 | NS 605 | 3 | HUG | 140 | 120 | 12.0 | | 115.000 | H | | | 70.000 | G | 700NA | 30 | 32 | 4.000 |
| | HST9210 | NS 605 | 3 | HUG | 40 | 30 | 5.0 | | 115.000 | H | | | 70.000 | G | 5UA | 20 | 23 | 2.000 |
| | HST9801 | NS 605 | 3 | HUG | 60 | 40 | 12.0 | | 83.000 | H | | | 70.000 | G | 1UA | 40 | 35 | 4.000 |
| | HST9802 | NS 605 | 3 | HUG | 80 | 60 | 12.0 | | 83.000 | H | | | 70.000 | G | 1UA | 60 | 35 | 4.000 |
| | HST9803 | NS 605 | 3 | HUG | 100 | 80 | 12.0 | | 83.000 | H | | | 70.000 | G | 1UA | 80 | 35 | 4.000 |
| | HST9804 | NS 605 | 3 | HUG | 120 | 100 | 12.0 | | 83.000 | H | | | 70.000 | G | 1UA | 100 | 35 | 4.000 |
| | HST9901 | NS 561 | 61 | HUG | 60 | 40 | 12.0 | | 61.000 | H | | | 70.000 | G | 1UA | 40 | 35 | 4.000 |
| | HST9902 | NS 561 | 61 | HUG | 80 | 60 | 12.0 | | 61.000 | H | | | 70.000 | G | 1UA | 60 | 35 | 4.000 |
| | HST9903 | NS 561 | 61 | HUG | 100 | 80 | 12.0 | | 61.000 | H | | | 70.000 | G | 1UA | 80 | 35 | 4.000 |
| | HST9904 | NS 561 | 61 | HUG | 120 | 100 | 12.0 | | 61.000 | H | | | 70.000 | G | 1UA | 100 | 35 | 4.000 |
| | IRTR62 | NS 210 | 5 | INR | 50 | 30 | | .250 | .500 | A | | | 250.000 | G | | | 23 | |
| | IRTR63 | NS 210 | 5 | INR | 50 | 30 | | .250 | 2.000 | C | | | 250.000 | G | | | 23 | |
| | IRTR64 | NS 210 | 39 | INR | 50 | 30 | | .400 | 5.000 | C | | | 400.000 | G | | | 23 | |
| | IRTR65 | NS 210 | 39 | INR | 50 | 25 | | 1.500 | 5.000 | C | | | 175.000 | G | | | 15 | |
| | IRTR66 | NS 540 | 60 | INR | 50 | 25 | | 3.300 | 70.000 | C | | | 175.000 | G | | | 15 | |
| | IRTR67 | NS 605 | 3 | INR | 700 | 400 | | 5.000 | 100.000 | C | | | 2.000 | G | | | 15 | |
| | IRTR68 | NS 605 | 3 | INR | 500 | 600 | | 1.000 | 50.000 | C | | | 1.000 | G | | | 40 | |
| | IRTR69 | NS 45 | 98 | INR | 40 | 40 | | .200 | .400 | A | | | 60.000 | G | | | | |
| | IRTR-50 | PG 605 | 66 | INR | 45 | | | 5.000 | 57.000 | A | | | | | | | | |
| | IRTR-51 | NS 173 | 106 | INR | 120 | | | .100 | .310 | A | | | | | | | | |
| | IRTR-52 | PS 173 | 106 | INR | 80 | | | .100 | .310 | A | | | | | | | | |
| | IRTR-53 | NS 173 | 106 | INR | 110 | | | .300 | .310 | A | | | | | | | | |
| | IRTR-54 | PS 41 | 92 | INR | 45 | | | .600 | .310 | A | | | | | | | | |
| | IRTR-55 | NS 52 A | | INR | 82 | | | 3.000 | 12.500 | C | | | | | | | | |
| | IRTR-56 | PS 52 A | | INR | 82 | | | 3.000 | 12.500 | C | | | | | | | | |
| | IRTR-57 | NS 605 | 66 | INR | 90 | | | 4.000 | 25.000 | C | | | | | | | | |
| | IRTR-58 | PS 605 | 66 | INR | 90 | | | 4.000 | 25.000 | C | | | | | | | | |
| | IRTR-59 | NS 605 | 3 | INR | 70 | | | 10.000 | 150.000 | C | | | | | | | | |
| | IRTR-60 | NS 48 B | | INR | 375 | | | .500 | 20.000 | C | | | | | | | | |
| | IRTR-61 | NS 605 | 3 | INR | 400 | | | 10.000 | 125.000 | C | | | | | | | | |
| | JR5 | PG 120 | 58 | SEM | 30 | 20 | 10.0 | .200 | .200 | A | | | 1.000 | G | | | 70 | |
| | JR10 | PG 120 | 58 | SEM | 20 | 20 | 1.0 | .100 | .100 | A | | | 40.000 | G | | | 50 | |
| | JR15 | PG 120 | 58 | SEM | 35 | 25 | 20.0 | .200 | .250 | A | | | .500 | G | | | 150 | |
| | JR30 | PG 120 | 58 | SEM | 20 | 20 | 2.0 | .100 | .100 | A | | | 70.000 | G | | | 100 | |
| | JR30X | PG 120 | 58 | SEM | 20 | 20 | 2.0 | .100 | .100 | A | | | 130.000 | G | | | 150 | |
| | JR100 | PG 210 | 18 | SEM | 12 | 12 | 1.0 | .100 | .100 | A | | | 150.000 | G | | | 70 | |
| | JR200 | PG 210 | 18 | SEM | 15 | 15 | 2.0 | .100 | .100 | A | | | 250.000 | G | | | 100 | |
| | KF2000 | PG 211 | 5 | KSC | 80 | 50S | 20.0 | 3.000 | .400 | C | 100J | | .010 | E | 650UA | 80 | 35 | 1.000 |
| | KF2001 | PG 211 | 5 | KSC | 120 | 100S | 20.0 | 3.000 | .400 | C | 100J | | .010 | E | 650UA | 120 | 60 | 1.000 |
| | KF2002 | PG 211 | 5 | KSC | 80 | 50S | 20.0 | 3.000 | .400 | C | 100J | | .010 | E | 650UA | 80 | 35 | 1.000 |
| | KF2003 | PG 211 | 5 | KSC | 120 | 100S | 20.0 | 3.000 | .400 | C | 100J | | .010 | E | 650UA | 120 | | |
| | KL8010 | PG 170 | 8 | KSC | 60 | 35 | 30.0 | 10.000 | 42.000 | C | 110J | | .800 | G | 2MA | 60 | 75 | 5.000 |
| | KL8011 | PG 170 | 8 | KSC | 60 | 35 | 30.0 | 10.000 | 42.000 | C | 110J | | .800 | G | 2MA | 60 | 75 | 5.000 |
| | KL8012 | PG 170 | 8 | KSC | 100 | 50 | 30.0 | 10.000 | 42.000 | C | 110J | | .800 | G | 2MA | 100 | 100 | 5.000 |
| | KL8013 | PG 170 | 8 | KSC | 100 | 50 | 30.0 | 10.000 | 42.000 | C | 110J | | .800 | G | 2MA | 100 | 100 | 5.000 |
| | KL8503 | PG 170 | 8 | KSC | 60 | 40 | 30.0 | 3.000 | 28.000 | C | 110J | | .014 | E | 2MA | 60 | 15 | 3.000 |
| | KL8504 | PG 170 | 8 | KSC | 60 | 40 | 30.0 | 3.000 | 28.000 | C | 110J | | .014 | E | 2MA | 60 | 22 | 3.000 |
| | KL8505 | PG 170 | 8 | KSC | 100 | 65 | 30.0 | 3.000 | 28.000 | C | 110J | | .012 | E | 2MA | 100 | 15 | 3.000 |
| | KL8506 | PG 170 | 8 | KSC | 100 | 65 | 30.0 | 3.000 | 28.000 | C | 110J | | .012 | E | 2MA | 100 | 22 | 3.000 |
| | KR6003 | PG 605 | 66 | KSC | 60 | 40 | 30.0 | 3.000 | 28.000 | C | 110J | | .014 | E | 2MA | 60 | 15 | 3.000 |
| | KR6004 | PG 605 | 66 | KSC | 60 | 40 | 30.0 | 3.000 | 28.000 | C | 110J | | .012 | E | 2MA | 60 | 22 | 3.000 |
| | KR6005 | PG 605 | 66 | KSC | 100 | 65 | 30.0 | 3.000 | 28.000 | C | 110J | | .014 | E | 2MA | 100 | 15 | 3.000 |
| | KR6006 | PG 605 | 66 | KSC | 100 | 65 | 30.0 | 3.000 | 28.000 | C | 110J | | .012 | E | 2MA | 100 | 22 | 3.000 |
| | KR6500 | PG 605 | 66 | KSC | 60 | 35 | 30.0 | 10.000 | 42.000 | C | 110J | | .800 | G | 2MA | 60 | 55 | 10.000 |
| | KR6501 | PG 605 | 66 | KSC | 60 | 35 | 30.0 | 10.000 | 42.000 | C | 110J | | .800 | G | 2MA | 60 | 110 | 10.000 |
| | KR6502 | PG 605 | 66 | KSC | 100 | 50 | 30.0 | 10.000 | 42.000 | C | 110J | | .800 | G | 2MA | 100 | 55 | 10.000 |
| | KR6503 | PG 605 | 66 | KSC | 100 | 50 | 30.0 | 10.000 | 42.000 | C | 110J | | .800 | G | 2MA | 100 | 110 | 10.000 |
| | KS6101 | NS 210 | 39 | KER | 60 | 60 | 4.5 | 1.000 | 4.000 | H | 200J | | 600.000 | G | 500UA | 40 | 22 | .250 |
| | KS6102 | NS 210 | 39 | KER | 40 | 40 | 4.5 | 1.000 | 4.000 | H | 200J | | 450.000 | G | 500UA | 25 | 22 | .250 |
| | KS6103 | NS 210 | 39 | KER | 60 | 60 | 4.5 | 1.000 | 4.000 | H | 200J | | 360.000 | G | 500UA | 40 | 15 | .500 |
| | KS6104 | NS 210 | 39 | KER | 40 | 40 | 4.5 | 1.000 | 4.000 | H | 200J | | 300.000 | G | 500UA | 25 | 15 | .500 |
| | KS6105 | NS 210 | 39 | KER | 60 | 60 | 4.5 | 2.000 | 4.000 | H | 200J | | 480.000 | G | 500UA | 40 | 30 | 1.000 |
| | KS6106 | NS 210 | 39 | KER | 40 | 40 | 4.5 | 2.000 | 4.000 | H | 200J | | 400.000 | G | 500UA | 25 | 30 | 1.000 |
| | KS6107 | NS 632 | 37 | KER | 60 | 60 | 4.5 | 2.000 | 6.000 | H | 200J | | 250.000 | G | 500UA | 40 | 22 | 1.000 |
| | KS6108 | NS 632 | 37 | KER | 40 | 40 | 4.5 | 2.000 | 6.000 | H | 200J | | 225.000 | G | 500UA | 25 | 22 | 1.000 |
| | KS6109 | NS 540 | 60 | KER | 80 | 80 | 4.5 | 2.000 | 8.000 | H | 200J | | 400.000 | G | 500UA | 60 | 22 | 1.000 |
| | KS6110 | NS 540 | 60 | KER | 40 | 40 | 4.5 | 2.000 | 8.000 | H | 200J | | 350.000 | G | 500UA | 25 | 22 | 1.000 |
| | KS6111 | NS 540 | 60 | KER | 80 | 80 | 4.5 | 2.000 | 8.000 | H | 200J | | 400.000 | G | 500UA | 60 | 22 | 1.000 |
| | KS6112 | NS 540 | 60 | KER | 80 | 80 | 4.5 | 2.000 | 8.000 | H | 200J | | 350.000 | G | 500UA | 25 | 22 | 1.000 |
| | KS6113 | NS 543 | 60 | KER | 30 | 30 | 4.5 | 4.000 | 15.000 | H | 200J | | 250.000 | G | 500UA | 20 | 15 | 2.000 |
| | KS6114 | NS 543 | 60 | KER | 20 | 20 | 4.5 | 4.000 | 15.000 | H | 200J | | 250.000 | G | 500UA | 15 | 15 | 2.000 |
| | KS6115 | NS 543 | 60 | KER | 30 | 30 | 4.5 | 7.000 | 18.000 | H | 200J | | 250.000 | G | 500UA | 20 | 15 | 5.000 |
| | KS6116 | NS 543 | 60 | KER | 20 | 20 | 4.5 | 7.000 | 18.000 | H | 200J | | 250.000 | G | 500UA | 15 | 15 | 5.000 |
| | KS6117 | NS 605 | 3 | KER | 100 | 100 | 4.5 | 10.000 | 50.000 | H | 200J | | 150.000 | G | 500UA | 60 | 22 | 5.000 |
| | KS6118 | NS 605 | 3 | KER | 60 | 60 | 4.5 | 10.000 | 50.000 | H | 200J | | 150.000 | G | 500UA | 40 | 22 | 5.000 |
| | KS6119 | NS 605 | 3 | KER | 40 | 40 | 4.5 | 10.000 | 50.000 | H | 200J | | 150.000 | G | 500UA | 25 | 22 | 5.000 |
| | KS6120 | NS 605 | 3 | KER | 100 | 100 | 4.5 | 15.000 | 60.000 | H | 200J | | 150.000 | G | 500UA | 60 | 22 | 10.000 |
| | KS6121 | NS 605 | 3 | KER | 60 | 60 | 4.5 | 15.000 | 60.000 | H | 200J | | 150.000 | G | 500UA | 40 | 22 | 10.000 |
| | KS6122 | NS 605 | 3 | KER | 40 | 40 | 4.5 | 15.000 | 60.000 | H | 200J | | 150.000 | G | 500UA | 25 | 22 | 10.000 |
| | KS6123 | NS 605 | 3 | KER | 80 | 80 | 4.5 | 10.000 | 50.000 | H | 200J | | 150.000 | G | 500UA | 60 | 22 | 5.000 |
| | KS6124 | NS 605 | 3 | KER | 40 | 40 | 4.5 | 10.000 | 50.000 | H | 200J | | 150.000 | G | 500UA | 25 | 22 | 5.000 |
| | KS6125 | NS 605 | 3 | KER | 80 | 80 | 4.5 | 15.000 | 60.000 | H | 200J | | 150.000 | G | 500UA | 60 | 22 | 10.000 |
| | KS6126 | NS 605 | 3 | KER | 40 | 40 | 4.5 | 15.000 | 60.000 | H | 200J | | 150.000 | G | 500UA | 25 | 22 | 10.000 |
| | KSD1051 | NS 605 | 3 | KER | 55 | 45 | 7.0 | 15.000 | 65.000 | H | 200J | | .800 | G | 2MA | 30 | 38 | 4.000 |
| | KSD1052 | NS 605 | 3 | KER | 100 | 80 | 7.0 | 15.000 | 65.000 | H | 200J | | .800 | G | 700UA | 30 | 38 | 4.000 |
| | KSD1053 | NS 605 | 3 | KER | 120 | 100 | 7.0 | 15.000 | 65.000 | H | 200J | | .800 | G | 700UA | 30 | 38 | 4.000 |
| | KSD1054 | NS 605 | 3 | KER | 140 | 120 | 7.0 | 15.000 | 65.000 | H | 200J | | .800 | G | 700UA | 30 | 38 | 4.000 |
| | KSD1055 | NS 605 | 3 | KER | 55 | 45 | 7.0 | 15.000 | 65.000 | H | 200J | | .800 | G | 2MA | 30 | 38 | 4.000 |
| | KSD1056 | NS 605 | 3 | KER | 80 | 60 | 7.0 | 15.000 | 65.000 | H | 200J | | .800 | G | 700UA | 30 | 38 | 4.000 |
| | KSD1057 | NS 605 | 3 | KER | 100 | 80 | 7.0 | 15.000 | 65.000 | H | 200J | | .800 | G | 700UA | 30 | 38 | 4.000 |
| | KSD1058 | NS 605 | 3 | KER | 120 | 100 | 7.0 | 15.000 | 65.000 | H | 200J | | .800 | G | 700UA | 30 | 38 | 4.000 |
| | KSD2101 | NS 605 | 66 | KER | 80 | 45 | 7.0 | 4.000 | 16.600 | H | 200J | | .800 | G | 1MA | 80 | 50 | .500 |
| | KSD2102 | NS 605 | 66 | KER | 70 | 35 | 7.0 | 4.000 | 16.600 | H | 200J | | .800 | G | 1MA | 70 | 50 | .500 |
| | KSD2103 | NS 605 | 66 | KER | 60 | 25 | 7.0 | 4.000 | 16.600 | H | 200J | | .800 | G | 1MA | 60 | 50 | .500 |
| | KSD2201 | NS 605 | 3 | KER | 140 | 120 | 7.0 | 10.000 | 65.000 | H | 200J | AUD | | | 1MA | 120 | 38 | 3.000 |
| | KSD2202 | NS 605 | 3 | KER | 120 | 100 | 7.0 | 10.000 | 65.000 | H | 200J | AUD | | | 1MA | 100 | 38 | 3.000 |
| | KSD2203 | NS 605 | 3 | KER | 100 | 80 | 7.0 | 10.000 | 65.000 | H | 200J | AUD | | | 1MA | 80 | 38 | 3.000 |
| | KSD3055 | NS 605 | 3 | KER | 100 | 60 | 7.0 | 15.000 | 65.000 | H | 200J | | .800 | G | 5MA | 100 | 30 | 4.000 |
| | KSD3771 | NS 605 | 3 | KER | 50 | 40 | 5.0 | 30.000 | 85.000 | H | 200J | AUD | | | 10MA | 30 | 17 | 15.000 |
| | KSD3772 | NS 605 | 3 | KER | 100 | 60 | 7.0 | 20.000 | 85.000 | H | 200J | AUD | | | 10MA | 50 | 17 | 10.000 |
| | KSD3773 | NS 605 | 3 | KER | 160 | 140 | 7.0 | 16.000 | 85.000 | H | 200J | AUD | | | 10MA | 120 | 17 | 8.000 |
| | KSD9701 | NS 605 | 3 | KER | 100 | 80 | 7.0 | 16.000 | 85.000 | H | 200J | AUD | | | 10MA | 60 | 30 | 8.000 |
| | KSD9701A | NS 605 | 3 | KER | 100 | 80 | 7.0 | 16.000 | 85.000 | H | 200J | AUD | | | 10MA | 60 | 17 | 8.000 |
| | KSD9702 | NS 605 | 3 | KER | 120 | 100 | 7.0 | 16.000 | 85.000 | H | 200J | AUD | | | 10MA | 80 | 30 | 8.000 |
| | KSD9702A | NS 605 | 3 | KER | 120 | 100 | 7.0 | 16.000 | 85.000 | H | 200J | AUD | | | 10MA | 80 | 17 | 8.000 |
| | KSD9703 | NS 605 | 3 | KER | 140 | 120 | 7.0 | 16.000 | 85.000 | H | 200J | AUD | | | 10MA | 100 | 30 | 8.000 |
| | KSD9703A | NS 605 | 3 | KER | 140 | 120 | 7.0 | 16.000 | 85.000 | H | 200J | AUD | | | 10MA | 100 | 17 | 8.000 |
| | KSD9704 | NS 605 | 3 | KER | 100 | 80 | 7.0 | 16.000 | 85.000 | H | 200J | AUD | | | 10MA | 60 | 40 | 5.000 |
| | KSD9705 | NS 605 | 3 | KER | 120 | 100 | 7.0 | 16.000 | 85.000 | H | 200J | AUD | | | 10MA | 80 | 40 | 5.000 |
| | KSD9706 | NS 605 | 3 | KER | 140 | 120 | 7.0 | 16.000 | 85.000 | H | 200J | AUD | | | 10MA | 100 | 40 | 5.000 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) Cond. | | | $I_{CBO}$ @ | $V_{CB}$ | $h_{FE}$ @ | $I_C$(A) |
| | KSD9707 | NS 605 | 3 | KER | 80 | 60 | 7.0 | 16.000 | 85.000 | H | 200J | AUD | | 10MA | 40 | 23 | 5.000 |
| | KSP1001 | NS 563 | 114 | KER | 80 | 60 | 8.0 | 100.000 | 200.000 | H | 200J | 15.000 | G | 10UA | 40 | 20 | 70.000 |
| | KSP1002 | NS 563 | 114 | KER | 100 | 80 | 8.0 | 100.000 | 200.000 | H | 200J | 15.000 | G | 10UA | 60 | 20 | 70.000 |
| | KSP1003 | NS 563 | 114 | KER | 120 | 100 | 8.0 | 100.000 | 200.000 | H | 200J | 15.000 | G | 10UA | 100 | 20 | 70.000 |
| | KSP1051 | NS 210 | 39 | KER | 225 | 200 | 8.0 | 5.000 | 4.000 | H | 200J | 40.000 | G | 1UA | 100 | 35 | 1.000 |
| | KSP1052 | NS 210 | 39 | KER | 250 | 225 | 8.0 | 5.000 | 4.000 | H | 200J | 40.000 | G | 1UA | 100 | 35 | 1.000 |
| | KSP1053 | NS 210 | 39 | KER | 275 | 250 | 8.0 | 5.000 | 4.000 | H | 200J | 40.000 | G | 1UA | 100 | 35 | 1.000 |
| | KSP1054 | NS 210 | 39 | KER | 300 | 275 | 8.0 | 5.000 | 4.000 | H | 200J | 40.000 | G | 1UA | 100 | 35 | 1.000 |
| | KSP1055 | NS 210 | 39 | KER | 325 | 300 | 8.0 | 5.000 | 4.000 | H | 200J | 40.000 | G | 1UA | 100 | 35 | 1.000 |
| | KSP1071 | NS 605 | 66 | KER | 225 | 200 | 8.0 | 5.000 | 20.000 | H | 200J | 40.000 | G | 1UA | 100 | 35 | 1.000 |
| | KSP1072 | NS 605 | 66 | KER | 250 | 225 | 8.0 | 5.000 | 20.000 | H | 200J | 40.000 | G | 1UA | 100 | 35 | 1.000 |
| | KSP1073 | NS 605 | 66 | KER | 275 | 250 | 8.0 | 5.000 | 20.000 | H | 200J | 40.000 | G | 1UA | 100 | 35 | 1.000 |
| | KSP1074 | NS 605 | 66 | KER | 300 | 275 | 8.0 | 5.000 | 20.000 | H | 200J | 40.000 | G | 1UA | 100 | 35 | 1.000 |
| | KSP1075 | NS 605 | 66 | KER | 325 | 300 | 8.0 | 5.000 | 20.000 | H | 200J | 40.000 | G | 1UA | 100 | 35 | 1.000 |
| | KSP1091 | NS 605 | 3 | KER | 225 | 200 | 8.0 | 5.000 | 40.000 | H | 200J | 40.000 | G | 1UA | 100 | 35 | 1.000 |
| | KSP1092 | NS 605 | 3 | KER | 250 | 225 | 8.0 | 5.000 | 40.000 | H | 200J | 40.000 | G | 1UA | 100 | 35 | 1.000 |
| | KSP1093 | NS 605 | 3 | KER | 275 | 250 | 8.0 | 5.000 | 40.000 | H | 200J | 40.000 | G | 1UA | 100 | 35 | 1.000 |
| | KSP1094 | NS 605 | 3 | KER | 300 | 275 | 8.0 | 5.000 | 40.000 | H | 200J | 40.000 | G | 1UA | 100 | 35 | 1.000 |
| | KSP1095 | NS 605 | 3 | KER | 325 | 300 | 8.0 | 5.000 | 40.000 | H | 200J | 40.000 | G | 1UA | 100 | 35 | 1.000 |
| | KSP1101 | NS 561 | 61 | KER | 225 | 200 | 8.0 | 10.000 | 50.000 | H | 200J | 40.000 | G | 10UA | 100 | 35 | 5.000 |
| | KSP1102 | NS 561 | 61 | KER | 250 | 225 | 8.0 | 10.000 | 50.000 | H | 200J | 40.000 | G | 10UA | 100 | 35 | 5.000 |
| | KSP1103 | NS 561 | 61 | KER | 275 | 250 | 8.0 | 10.000 | 50.000 | H | 200J | 40.000 | G | 10UA | 100 | 35 | 5.000 |
| | KSP1104 | NS 561 | 61 | KER | 300 | 275 | 8.0 | 10.000 | 50.000 | H | 200J | 40.000 | G | 10UA | 100 | 35 | 5.000 |
| | KSP1105 | NS 561 | 61 | KER | 325 | 300 | 8.0 | 10.000 | 50.000 | H | 200J | 40.000 | G | 10UA | 100 | 35 | 5.000 |
| | KSP1141 | NS 605 | 3 | KER | 225 | 200 | 8.0 | 10.000 | 65.000 | H | 200J | 40.000 | G | 10UA | 100 | 35 | 5.000 |
| | KSP1142 | NS 605 | 3 | KER | 250 | 225 | 8.0 | 10.000 | 65.000 | H | 200J | 40.000 | G | 10UA | 100 | 35 | 5.000 |
| | KSP1143 | NS 605 | 3 | KER | 275 | 250 | 8.0 | 10.000 | 65.000 | H | 200J | 40.000 | G | 10UA | 100 | 35 | 5.000 |
| | KSP1144 | NS 605 | 3 | KER | 300 | 275 | 8.0 | 10.000 | 65.000 | H | 200J | 40.000 | G | 10UA | 100 | 35 | 5.000 |
| | KSP1145 | NS 605 | 3 | KER | 325 | 300 | 8.0 | 10.000 | 65.000 | H | 200J | 40.000 | G | 10UA | 100 | 35 | 5.000 |
| | KSP1151 | NS 561 | 61 | KER | 60 | 40 | 8.0 | 10.000 | 50.000 | H | 200J | 60.000 | G | 1UA | 40 | 35 | 5.000 |
| | KSP1152 | NS 561 | 61 | KER | 100 | 80 | 8.0 | 10.000 | 50.000 | H | 200J | 60.000 | G | 1UA | 60 | 35 | 5.000 |
| | KSP1153 | NS 561 | 61 | KER | 140 | 120 | 8.0 | 10.000 | 50.000 | H | 200J | 60.000 | G | 1UA | 100 | 35 | 5.000 |
| | KSP1154 | NS 561 | 61 | KER | 60 | 40 | 8.0 | 10.000 | 50.000 | H | 200J | 60.000 | G | 1UA | 40 | 70 | 5.000 |
| | KSP1155 | NS 561 | 61 | KER | 100 | 80 | 8.0 | 10.000 | 50.000 | H | 200J | 60.000 | G | 1UA | 60 | 70 | 5.000 |
| | KSP1156 | NS 561 | 61 | KER | 140 | 120 | 8.0 | 10.000 | 50.000 | H | 200J | 60.000 | G | 1UA | 100 | 70 | 5.000 |
| | KSP1171 | NS 605 | 3 | KER | 60 | 40 | 8.0 | 10.000 | 65.000 | H | 200J | 60.000 | G | 1UA | 40 | 35 | 5.000 |
| | KSP1172 | NS 605 | 3 | KER | 100 | 80 | 8.0 | 10.000 | 65.000 | H | 200J | 60.000 | G | 1UA | 60 | 35 | 5.000 |
| | KSP1173 | NS 605 | 3 | KER | 140 | 120 | 8.0 | 10.000 | 65.000 | H | 200J | 60.000 | G | 1UA | 100 | 35 | 5.000 |
| | KSP1174 | NS 605 | 3 | KER | 60 | 40 | 8.0 | 10.000 | 65.000 | H | 200J | 60.000 | G | 1UA | 40 | 70 | 5.000 |
| | KSP1175 | NS 605 | 3 | KER | 100 | 80 | 8.0 | 10.000 | 65.000 | H | 200J | 60.000 | G | 1UA | 60 | 70 | 5.000 |
| | KSP1176 | NS 605 | 3 | KER | 140 | 120 | 8.0 | 10.000 | 65.000 | H | 200J | 60.000 | G | 1UA | 100 | 70 | 5.000 |
| | KSP1201 | NS 560 | 63 | KER | 200 | 200 | 8.0 | 20.000 | 100.000 | H | 200J | 30.000 | G | 10UA | 100 | 30 | 10.000 |
| | KSP1202 | NS 560 | 63 | KER | 225 | 225 | 8.0 | 20.000 | 100.000 | H | 200J | 30.000 | G | 10UA | 100 | 30 | 10.000 |
| | KSP1203 | NS 560 | 63 | KER | 250 | 250 | 8.0 | 20.000 | 100.000 | H | 200J | 30.000 | G | 10UA | 100 | 30 | 10.000 |
| | KSP1204 | NS 560 | 63 | KER | 275 | 275 | 8.0 | 20.000 | 100.000 | H | 200J | 30.000 | G | 10UA | 100 | 30 | 10.000 |
| | KSP1205 | NS 560 | 63 | KER | 300 | 300 | 8.0 | 20.000 | 100.000 | H | 200J | 30.000 | G | 10UA | 100 | 30 | 10.000 |
| | KSP1251 | NS 560 | 63 | KER | 60 | 40 | 8.0 | 20.000 | 100.000 | H | 200J | 35.000 | G | 10UA | 40 | 35 | 10.000 |
| | KSP1252 | NS 560 | 63 | KER | 100 | 80 | 8.0 | 20.000 | 100.000 | H | 200J | 35.000 | G | 10UA | 60 | 35 | 10.000 |
| | KSP1253 | NS 560 | 63 | KER | 140 | 120 | 8.0 | 20.000 | 100.000 | H | 200J | 35.000 | G | 10UA | 100 | 35 | 10.000 |
| | KSP1254 | NS 560 | 63 | KER | 60 | 40 | 8.0 | 20.000 | 100.000 | H | 200J | 35.000 | G | 10UA | 40 | 70 | 10.000 |
| | KSP1255 | NS 560 | 63 | KER | 100 | 80 | 8.0 | 20.000 | 100.000 | H | 200J | 35.000 | G | 10UA | 60 | 70 | 10.000 |
| | KSP1256 | NS 560 | 63 | KER | 140 | 120 | 8.0 | 20.000 | 100.000 | H | 200J | 35.000 | G | 10UA | 100 | 70 | 10.000 |
| | KSP1601 | NS 563 | 114 | KER | 200 | 200 | 8.0 | 10.000 | 200.000 | H | 200J | 15.000 | G | 10UA | 100 | 20 | 40.000 |
| | KSP1602 | NS 563 | 114 | KER | 225 | 225 | 8.0 | 10.000 | 200.000 | H | 200J | 15.000 | G | 10UA | 100 | 20 | 40.000 |
| | KSP1603 | NS 563 | 114 | KER | 250 | 250 | 8.0 | 10.000 | 200.000 | H | 200J | 15.000 | G | 10UA | 100 | 20 | 40.000 |
| | KSP1604 | NS 563 | 114 | KER | 275 | 275 | 8.0 | 10.000 | 200.000 | H | 200J | 15.000 | G | 10UA | 100 | 20 | 40.000 |
| | KSP1605 | NS 563 | 114 | KER | 300 | 300 | 8.0 | 10.000 | 200.000 | H | 200J | 15.000 | G | 10UA | 100 | 20 | 40.000 |
| | KT218 | NS 210 | 18 | KEL | 40 | 15 | 4.5 | .200 | .300 | A | 175J | 270.000 | G | 100NA | 20 | 45 | .010 |
| | KT218F | NS 210 | 18 | KEL | 40 | 15 | 4.5 | .200 | .300 | A | 175J | | | 100NA | 20 | 70 | .010 |
| | KT600 | NS 210 | 5 | KEL | 50 | 30 | 5.0 | 1.000 | .800 | A | 175J | | | 1UA | 40 | 60 | .100 |
| | KT600F | NS 210 | 5 | KEL | 60 | 50 | 5.0 | 1.000 | .800 | A | 175J | | | 500NA | 40 | 60 | .100 |
| | KT600G | NS 210 | 5 | KEL | 90 | 70 | 5.0 | 1.000 | .800 | A | 175J | | | 500NA | 50 | 60 | .100 |
| | KT600T | NS 210 | 5 | KEL | 60 | 50 | 5.0 | 1.000 | .800 | A | 175J | | | 1UA | 40 | 60 | .100 |
| | L10A | NS 607 A | | SEJ | 50 | 50 | 4.0 | 10.000 | 200.000 | C | 150J | 5.000 | B | | | 30 | |
| | L10B | NS 607 A | | SEJ | 100 | 100 | 4.0 | 10.000 | 200.000 | C | 150J | 5.000 | B | | | 30 | |
| | L10C | NS 607 A | | SEJ | 200 | 200 | 4.0 | 10.000 | 200.000 | C | 150J | 5.000 | B | | | 30 | |
| | L10D | NS 607 A | | SEJ | 300 | 300 | 4.0 | 10.000 | 200.000 | C | 150J | 5.000 | B | | | 30 | |
| | L20A | NS 607 A | | SEJ | 50 | 50 | 4.0 | 20.000 | 200.000 | C | 150J | 5.000 | B | | | 30 | |
| | L20B | NS 607 A | | SEJ | 100 | 100 | 4.0 | 20.000 | 200.000 | C | 150J | 5.000 | B | | | 30 | |
| | L20C | NS 607 A | | SEJ | 200 | 200 | 4.0 | 20.000 | 200.000 | C | 150J | 5.000 | B | | | 30 | |
| | L20D | NS 607 A | | SEJ | 300 | 300 | 4.0 | 20.000 | 200.000 | C | 150J | 5.000 | B | | | 30 | |
| | L30A | NS 607 A | | SEJ | 50 | 50 | 4.0 | 30.000 | 200.000 | C | 150J | 5.000 | B | | | 30 | |
| | L30B | NS 607 A | | SEJ | 100 | 100 | 4.0 | 30.000 | 200.000 | C | 150J | 5.000 | B | | | 30 | |
| | L30C | NS 607 A | | SEJ | 200 | 200 | 4.0 | 30.000 | 200.000 | C | 150J | 5.000 | B | | | 30 | |
| | L30D | NS 607 A | | SEJ | 300 | 300 | 4.0 | 30.000 | 200.000 | C | 150J | 5.000 | B | | | 30 | |
| | LDA400 | NS 890 A | | AMP | 35 | 35 | 5.0 | .030 | .360 | A | 150J | 250.000 | G | 10NA | 10 | 70 | .001 |
| | LDA401 | NS 890 A | | AMP | 35 | 35 | 5.0 | .030 | .360 | A | 150J | 250.000 | G | 10NA | 10 | 175 | .001 |
| | LDA402 | NS 890 A | | AMP | 35 | 35 | 5.0 | .030 | .360 | A | 150J | 250.000 | G | 100NA | 35 | 175 | .001 |
| | LDA403 | NS 890 A | | AMP | 35 | 35 | 5.0 | .030 | .360 | A | 150J | 250.000 | G | 100NA | 35 | 420 | .001 |
| | LDA404 | NS 890 A | | AMP | 60 | | 5.0 | .800 | .250 | A | | 200.000 | G | 10NA | | 30 | .010 |
| | LDA405 | NS 890 A | | AMP | 60 | | 5.0 | .800 | .250 | A | | 200.000 | G | 10NA | | 70 | .010 |
| | LDA406 | NS 890 A | | AMP | 30 | 15 | 3.0 | .025 | .300 | A | 150J | 600.000 | G | 10NA | 15 | 40 | .003 |
| | LDA407 | NS 890 A | | AMP | | 15 | | .025 | .360 | A | 150A | 1000.000 | G | | | 53 | |
| | LDA410 | NS 890 A | | AMP | | 35 | | .025 | .360 | A | 150A | | | | | 6 | |
| | LDA420 | NS 890 A | | AMP | | 25 | | .150 | .360 | A | 150A | | | | | 38 | |
| | LDA450 | PS 890 A | | AMP | 45 | 30 | 5.0 | .030 | .360 | A | 150J | 200.000 | G | 10NA | 40 | 70 | .010 |
| | LDA451 | PS 890 A | | AMP | 45 | 30 | 5.0 | .030 | .360 | A | 150J | 200.000 | G | 10NA | 40 | 175 | .010 |
| | LDA452 | PS 890 A | | AMP | | 30 | | .300 | .360 | A | 150A | 200.000 | G | | | 70 | |
| | LDA453 | PS 890 A | | AMP | | 30 | | .300 | .360 | A | 150A | 200.000 | G | | | 175 | |
| | LDS200 | NS 890 A | | AMP | 30 | 15 | 4.5 | | .360 | A | 150J | 500.000 | G | 500NA | 20 | 35 | .010 |
| | LDS201 | NS 890 A | | AMP | 30 | 15 | 4.5 | | .360 | A | 150J | 500.000 | G | 500NA | 20 | 35 | .010 |
| | LDS205 | NS 890 A | | AMP | | 6 | | .100 | .360 | A | 150A | 600.000 | G | | | 50 | |
| | LDS206 | NS 890 A | | AMP | | 20 | | .030 | .360 | A | 150A | 250.000 | G | | | 150 | |
| | LDS208 | NS 890 A | | AMP | | 30 | | .300 | .360 | A | 150A | | | | | 45 | |
| | M5A | NS 605 | 3 | SEJ | 50 | 50 | 4.0 | 5.000 | 100.000 | C | 150J | 5.000 | B | | | 30 | |
| | M5B | NS 605 | 3 | SEJ | 100 | 100 | 4.0 | 5.000 | 100.000 | C | 150J | 5.000 | B | | | 30 | |
| | M5C | NS 605 | 3 | SEJ | 200 | 200 | 4.0 | 5.000 | 100.000 | C | 150J | 5.000 | B | | | 30 | |
| | M5D | NS 605 | 3 | SEJ | 300 | 300 | 4.0 | 5.000 | 100.000 | C | 150J | 5.000 | B | | | 30 | |
| | M10A | NS 605 | 3 | SEJ | 50 | 50 | 4.0 | 10.000 | 100.000 | C | 150J | 5.000 | B | | | 30 | |
| | M10B | NS 605 | 3 | SEJ | 100 | 100 | 4.0 | 10.000 | 100.000 | C | 150J | 5.000 | B | | | 30 | |
| | M10C | NS 605 | 3 | SEJ | 200 | 200 | 4.0 | 10.000 | 100.000 | C | 150J | 5.000 | B | | | 30 | |
| | M10D | NS 605 | 3 | SEJ | 300 | 300 | 4.0 | 10.000 | 100.000 | C | 150J | 5.000 | B | | | 30 | |
| | M80738 | PG 120 | 1 | TOS | 18 | | 12.0 | .100 | .150 | A | 85J | 10.000 | B | 10UA | 18 | | |
| | M80738 | PG 120 | 1 | TOS | 18 | 18S | 12.0 | .100 | .150 | A | 85J | 4.000 | B | 10UA | 18 | 48 | .024 |
| | M9010 | NS 45 | 98 | TOS | 20 | | 2.0 | .050 | .200 | A | 125J | 1200.000 | G | 500NA | 20 | | |
| | MA100 | PG 210 | 5 | MOT | 60 | 60S | 15.0 | .500 | .200 | A | 100J | 1.000 | B | 100UA | 60 | 60 | .010 |
| | MA112 | PG 210 | 5 | MOT | 15 | 15 | 15.0 | .200 | .175 | A | 85S | | | 15UA | 15 | 48 | .001 |
| | MA113 | PG 210 | 5 | MOT | 15 | 15 | 15.0 | .200 | .175 | A | 85S | | | 15UA | 15 | 81 | .001 |
| | MA114 | PG 210 | 5 | MOT | 15 | 15 | 15.0 | .200 | .175 | A | 85S | | | 15UA | 15 | 162 | .001 |
| | MA115 | PG 210 | 5 | MOT | 15 | 15 | 15.0 | .200 | .175 | A | 85S | | | 15UA | 15 | 71 | .001 |
| | MA116 | PG 210 | 5 | MOT | 15 | 15 | 15.0 | .200 | .175 | A | 85S | | | 15UA | 15 | 112 | .001 |
| | MA117 | PG 210 | 5 | MOT | 15 | 15 | 15.0 | .200 | .175 | A | 85S | | | 15UA | 15 | 92 | .001 |
| | MA200 | PG 210 | 5 | MOT | 105 | 105 | 10.0 | .200 | .150 | A | 100J | 1.000 | B | 50UA | 105 | 40 | .005 |
| | MA201 | PG 210 | 5 | MOT | 105 | 105 | 10.0 | .200 | .150 | A | 100J | 1.000 | B | 50UA | 105 | 40 | .005 |
| | MA202 | PG 210 | 5 | MOT | 105 | 105 | 20.0 | .200 | .150 | A | 100J | 1.000 | B | 50UA | 105 | 80 | .005 |
| | MA203 | PG 210 | 5 | MOT | 105 | 105 | 20.0 | .200 | .150 | A | 100J | 1.000 | B | 50UA | 105 | 80 | .005 |
| | MA204 | PG 210 | 5 | MOT | 90 | 90 | 20.0 | .200 | .150 | A | 100J | 1.000 | B | 50UA | 90 | 40 | .005 |
| | MA205 | PG 210 | 5 | MOT | 75 | 75 | 20.0 | .200 | .150 | A | 100J | 1.000 | B | 50UA | 75 | 40 | .005 |
| | MA206 | PG 210 | 5 | MOT | 60 | 60 | 10.0 | .200 | .150 | A | 100J | 9.000 | B | 50UA | 60 | 40 | .005 |
| | MA286 | PG 210 | 5 | MOT | 10 | 10 | 15.0 | .200 | .175 | A | 85S | | | 600UA | 10 | 24 | .001 |
| | MA287 | PG 210 | 5 | MOT | 10 | 10 | 15.0 | .200 | .175 | A | 85S | | | 600UA | 10 | 92 | .001 |
| | MA288 | PG 210 | 5 | MOT | 10 | 10 | 15.0 | .200 | .175 | A | 85S | | | 600UA | 10 | 270 | .001 |
| | MA881 | PG 210 | 5 | MOT | 60 | 60S | 15.0 | .500 | .200 | A | 100J | .750 | B | 100UA | 60 | 48 | .001 |
| | MA882 | PG 210 | 5 | MOT | 60 | 60S | 15.0 | .500 | .200 | A | 100J | 1.000 | B | 100UA | 60 | 80 | .001 |
| | MA883 | PG 210 | 5 | MOT | 60 | 60S | 15.0 | .500 | .200 | A | 100J | 1.250 | B | 100UA | 60 | 160 | .001 |
| | MA884 | PG 210 | 5 | MOT | 60 | 60S | 15.0 | .500 | .200 | A | 100J | 1.750 | B | 100UA | 60 | 290 | .001 |
| | MA885 | PG 210 | 5 | MOT | 50 | 50S | 15.0 | .500 | .200 | A | 100J | .500 | B | 100UA | 50 | 26 | .001 |
| | MA886 | PG 210 | 5 | MOT | 50 | 50S | 15.0 | .500 | .200 | A | 100J | .750 | B | 100UA | 50 | 48 | .001 |
| | MA887 | PG 210 | 5 | MOT | 50 | 50S | 15.0 | .500 | .200 | A | 100J | 1.000 | B | 100UA | 50 | 80 | .001 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cont. | Temp. (°C) Cond. | | | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ $I_C$(A) | |
| | MA888 | PG 210 | 5 | MOT | 50 | 50S | 15.0 | .500 | .200 | A | 100J | 1.250 | B | 100UA | 50 | 160 | .001 |
| | MA889 | PG 210 | 5 | MOT | 50 | 50S | 15.0 | .500 | .200 | A | 100J | 1.750 | B | 100UA | 50 | 290 | .001 |
| | MA909 | PG 210 | 5 | MOT | 75 | 75 | 35.0 | .200 | .150 | A | 100J | | | 50UA | 75 | 40 | .005 |
| | MA910 | PG 210 | 5 | MOT | 90 | 90 | 45.0 | .200 | .150 | A | 100J | | | 50UA | 90 | 40 | .005 |
| | MA1702 | PG 210 | 5 | MOT | 45 | 30R | 30.0 | .500 | .200 | A | 100J | 7.000 | B | 10UA | 30 | 400 | .100 |
| | MA1703 | PG 210 | 5 | MOT | 25 | 25R | 25.0 | .500 | .200 | A | 100J | 3.000 | B | 15UA | 25 | 190 | .100 |
| | MA1704 | PG 210 | 5 | MOT | 25 | 25R | 25.0 | .500 | .200 | A | 100J | 5.000 | B | 15UA | 25 | 250 | .100 |
| | MA1705 | PG 210 | 5 | MOT | 25 | 25R | 25.0 | .500 | .200 | A | 100J | 6.000 | B | 15UA | 25 | 400 | .100 |
| | MA1706 | PG 210 | 5 | MOT | 15 | 15R | 4.5 | .500 | .200 | A | 100J | 3.000 | B | 15UA | 15 | 190 | .100 |
| | MA1707 | PG 210 | 5 | MOT | 15 | 15R | 4.5 | .500 | .200 | A | 100J | 4.000 | B | 15UA | 15 | 250 | .100 |
| | MA1708 | PG 210 | 5 | MOT | 15 | 15R | 4.5 | .500 | .200 | A | 100J | 5.000 | B | 15UA | 15 | 400 | .100 |
| | MCS2135 | NS 935 A | | MOT | 75 | 60 | 6.0 | .050 | .150 | A | 125J | 100.000 | G | 10NA | 50 | 180 | .001 |
| | MCS2136 | NS 935 A | | MOT | 75 | 60 | 6.0 | .050 | .150 | A | 125J | 100.000 | G | 10NA | 50 | 430 | .001 |
| | MCS2137 | PS 935 A | | MOT | 60 | 60 | 5.0 | .050 | .150 | A | 125J | 100.000 | G | 20NA | 50 | 180 | .001 |
| | MCS2138 | PS 935 A | | MOT | 60 | 60 | 5.0 | .050 | .150 | A | 125J | 100.000 | G | 20NA | 50 | 430 | .001 |
| | MD420 | PG 217 | 12 | SPR | 20 | | | .050 | .060 | A | 125J | 100.000 | G | 10UA | | 10 | |
| | ME213 | NS 211 | 18 | AMP | 45 | | 5.0 | .025 | .300 | A | | 100.000 | G | 100NA | | 50 | .001 |
| | ME213A | NS 211 | 18 | AMP | 45 | | 5.0 | | .300 | A | | 100.000 | G | 100NA | | 50 | .001 |
| | ME900 | NS 210 | 18 | AMP | 40 | 20 | 5.0 | | .360 | A | 200J | 100.000 | G | 10NA | 20 | 140 | |
| | ME900A | NS 210 | 18 | AMP | 40 | 20 | 5.0 | | .360 | A | 200J | 100.000 | G | 10NA | 20 | 140 | |
| | ME901 | NS 210 | 18 | AMP | 40 | 20 | 5.0 | | .360 | A | 200J | 100.000 | G | 10NA | 20 | 350 | |
| | ME901A | NS 210 | 18 | AMP | 40 | 20 | 5.0 | | .360 | A | 200J | 100.000 | G | 10NA | 20 | 350 | |
| | MF3304 | PS 217 | 72 | MOT | 18 | 12 | 5.0 | | .300 | A | 200J | 700.000 | G | 10NA | 9 | 60 | .010 |
| | MHT1802 | PG 405 | 36 | MHR | 80 | 60 | 30.0 | 65.000 | 170.000 | C | 110J | .150 | G | 5MA | 80 | 70 | |
| | MHT1803 | PG 405 | 36 | MHR | 60 | 45 | 30.0 | 65.000 | 170.000 | C | 110J | .150 | G | 5MA | 60 | 70 | |
| | MHT1807 | PG 405 | 36 | MHR | 40 | 30 | 20.0 | 65.000 | 170.000 | C | 110J | .050 | G | 5MA | 40 | 70 | |
| | MHT1808-1810 | | | SEE SDT1808-1810 | | | | | | | | | | | | | |
| | MHT1902 | PG 172 E | | MHR | 80 | 60 | 30.0 | 65.000 | 140.000 | C | 110J | .150 | G | 5MA | 80 | 70 | |
| | MHT1903 | PG 172 E | | MHR | 60 | 45 | 30.0 | 65.000 | 140.000 | C | 110J | .150 | G | 5MA | 60 | 70 | |
| | MHT1904 | PG 172 E | | MHR | 40 | 30 | 20.0 | 65.000 | 140.000 | C | 110J | .150 | G | 5MA | 40 | 70 | |
| | MHT1908-1910 | | | SEE SDT1908-1910 | | | | | | | | | | | | | |
| | MHT2002 | PG 571 A | | MHR | 80 | 60 | 3.0 | 65.000 | 140.000 | C | 110J | .150 | G | 5MA | 80 | 70 | |
| | MHT2003 | PG 571 A | | MHR | 60 | 45 | 3.0 | 65.000 | 140.000 | C | 110J | .150 | G | 5MA | 60 | 70 | |
| | MHT2004 | PG 571 A | | MHR | 40 | 30 | 2.0 | 65.000 | 140.000 | C | 110J | .150 | G | 5MA | 40 | 70 | |
| | MHT2C08-2010 | | | SEE SDT2008-2010 | | | | | | | | | | | | | |
| | MHT2101 | PG 390 A | | SOL | 10 | 5 | | 150.000 | 100.000 | C | 100J | 450.000 | G | | | 80 | 1.000 |
| | MHT2110 | PG 390 A | | SOL | 10 | 5 | | 150.000 | 100.000 | C | 100J | 450.000 | G | | | 80 | 1.000 |
| | MHT2111 | PG 390 A | | SOL | 10 | 5 | | 175.000 | 100.000 | C | 100J | 450.000 | G | | | 80 | 1.000 |
| | MHT2112 | PG 390 A | | SOL | 10 | 5 | | 200.000 | 100.000 | C | 100J | 450.000 | G | | | 80 | 1.000 |
| | MHT2150 | PG 390 B | | SOL | 10 | 5 | | 150.000 | 100.000 | C | 100J | 450.000 | G | | | 80 | 1.000 |
| | MHT2151 | PG 390 B | | SOL | 10 | 5 | | 175.000 | 100.000 | C | 100J | 450.000 | G | | | 80 | 1.000 |
| | MHT2152 | PG 390 B | | SOL | 10 | 5 | | 200.000 | 100.000 | C | 100J | 450.000 | G | | | 80 | 1.000 |
| | MHT2205 | PG 176 E | | SOL | 10 | 5 | 5.0 | 50.000 | 140.000 | C | 110J | .450 | G | 5MA | 10 | 120 | 25.000 |
| | MHT2305 | PG 403 | 68 | SOL | 10 | 5 | 5.0 | 65.000 | 170.000 | C | 110J | .450 | G | 5MA | 10 | 120 | 25.000 |
| | MHT4401 | NS 211 | 5 | MHR | 60 | 60 | 5.0 | | .800 | A | 200J | 40.000 | G | 1UA | 30 | 60 | |
| | MHT4402 | NS 211 | 5 | MHR | 120 | 100 | 5.0 | | .800 | A | 200J | 40.000 | G | 1UA | 60 | 60 | |
| | MHT4411 | NS 211 | 5 | MHR | 60 | 40 | 5.0 | .600 | .800 | A | 200J | 50.000 | G | 1UA | 30 | 40 | |
| | MHT4412 | NS 211 | 5 | MHR | 60 | 40 | 5.0 | .600 | .800 | A | 200J | 50.000 | G | 1UA | 30 | 80 | |
| | MHT4413 | NS 211 | 5 | MHR | 60 | 40 | 5.0 | .600 | .800 | A | 200J | 50.000 | G | 1UA | 30 | 160 | |
| | MHT4414 | NS 211 | 5 | MHR | 80 | 60 | 5.0 | .600 | .800 | A | 200J | 50.000 | G | 1UA | 30 | 40 | |
| | MHT4415 | NS 211 | 5 | MHR | 80 | 60 | 5.0 | .600 | .800 | A | 200J | 50.000 | G | 1UA | 30 | 80 | |
| | MHT4416 | NS 211 | 5 | MHR | 80 | 60 | 5.0 | .600 | .800 | A | 200J | 50.000 | G | 1UA | 30 | 160 | |
| | MHT4417 | NS 211 | 5 | MHR | 120 | 80 | 5.0 | .600 | .800 | A | 200J | 50.000 | G | 1UA | 30 | 40 | |
| | MHT4418 | NS 211 | 5 | MHR | 120 | 80 | 5.0 | .600 | .800 | A | 200J | 50.000 | G | 1UA | 30 | 80 | |
| | MHT4419 | NS 211 | 5 | MHR | 120 | 80 | 5.0 | .600 | .800 | A | 200J | 50.000 | G | 1UA | 30 | 160 | |
| | MHT4451-4483 | | | SEE SDT4451-4483 | | | | | | | | | | | | | |
| | MHT4501 | NS 490 A | | MHR | 60 | 40 | 5.0 | .600 | 10.000 | C | 200J | 50.000 | G | 1UA | 30 | 40 | |
| | MHT4502 | NS 490 A | | MHR | 120 | 50 | 5.0 | .600 | 10.000 | C | 200J | 40.000 | G | 2UA | 60 | 60 | |
| | MHT4503 | NS 490 A | | MHR | 60 | 40 | 5.0 | .600 | 10.000 | C | 200J | 50.000 | G | 1UA | 30 | 160 | |
| | MHT4514 | NS 490 A | | MHR | 80 | 60 | 5.0 | .600 | 10.000 | C | 200J | 50.000 | G | 1UA | 30 | 40 | |
| | MHT4515 | NS 490 A | | MHR | 80 | 60 | 5.0 | .600 | 10.000 | C | 200J | 50.000 | G | 1UA | 30 | 80 | |
| | MHT4516 | NS 490 A | | MHR | 80 | 60 | 5.0 | .600 | 10.000 | C | 200J | 50.000 | G | 1UA | 30 | 160 | |
| | MHT4517 | NS 490 A | | MHR | 120 | 80 | 5.0 | .600 | 10.000 | C | 200J | 50.000 | G | 2UA | 60 | 40 | |
| | MHT4518 | NS 490 A | | MHR | 120 | 80 | 5.0 | .600 | 10.000 | C | 200J | 50.000 | G | 2UA | 60 | 80 | |
| | MHT4519 | NS 490 A | | MHR | 120 | 80 | 5.0 | .600 | 10.000 | C | 200J | 50.000 | G | 2UA | 60 | 160 | |
| | MHT4551-4583 | | | SEE SDT4551-4583 | | | | | | | | | | | | | |
| | MHT4611 | NS 171 | 8 | SOL | 60 | 40 | 8.0 | | 14.000 | H | 200J | 40.000 | G | 1UA | 40 | 36 | 1.000 |
| | MHT4612 | NS 171 | 8 | SOL | 80 | 60 | 8.0 | | 14.000 | H | 200J | 40.000 | G | 1UA | 40 | 36 | 1.000 |
| | MHT4613 | NS 171 | 8 | SOL | 100 | 80 | 8.0 | | 14.000 | H | 200J | 40.000 | G | 1UA | 40 | 36 | 1.000 |
| | MHT4614 | NS 171 | 8 | SOL | 60 | 40 | 8.0 | | 14.000 | H | 200J | 60.000 | G | 1UA | 60 | 70 | 1.000 |
| | MHT4615 | NS 171 | 8 | SOL | 80 | 60 | 8.0 | | 14.000 | H | 200J | 60.000 | G | 1UA | 60 | 70 | 1.000 |
| | MHT4616 | NS 171 | 8 | SOL | 100 | 80 | 8.0 | | 14.000 | H | 200J | 60.000 | G | 1UA | 60 | 70 | 1.000 |
| | MHT4617 | NS 171 | 8 | SOL | 60 | 40 | 8.0 | | 14.000 | H | 200J | 70.000 | G | 1UA | 70 | 176 | 1.000 |
| | MHT4618 | NS 171 | 8 | SOL | 80 | 60 | 8.0 | | 14.000 | H | 200J | 70.000 | G | 1UA | 70 | 176 | 1.000 |
| | MHT4619 | NS 171 | 8 | SOL | 100 | 80 | 8.0 | | 14.000 | H | 200J | 70.000 | G | 1UA | 70 | 176 | 1.000 |
| | MHT5001-5015 | | | SEE SDT5001-5015 | | | | | | | | | | | | | |
| | MHT5051-5056 | | | SEE SDT5051-5056 | | | | | | | | | | | | | |
| | MHT5501-5515 | | | SEE SDT5501-5515 | | | | | | | | | | | | | |
| | MHT5551-5556 | | | SEE SDT5551-5556 | | | | | | | | | | | | | |
| | MHT5901-5915 | | | SEE SDT5901-5915 | | | | | | | | | | | | | |
| | MHT5951-5956 | | | SEE SDT5951-5956 | | | | | | | | | | | | | |
| | MHT6001-6031 | | | SEE SDT6001-6031 | | | | | | | | | | | | | |
| | MHT6308-6316 | | | SEE SDT6308-6316 | | | | | | | | | | | | | |
| | MHT6408-6416 | | | SEE SDT6408-6416 | | | | | | | | | | | | | |
| | MHT7011-7019 | | | SEE SDT7011-7019 | | | | | | | | | | | | | |
| | MHT7201-7209 | | | SEE SDT7201-7209 | | | | | | | | | | | | | |
| | MHT7401-7419 | | | SEE SDT7401-7419 | | | | | | | | | | | | | |
| | MHT7511 | NS 171 | 8 | SOL | 60 | 40 | 5.0 | | 20.000 | H | 200J | 40.000 | G | 1UA | 60 | 36 | 5.000 |
| | MHT7512 | NS 171 | 8 | SOL | 80 | 60 | 5.0 | | 20.000 | H | 200J | 40.000 | G | 1UA | 60 | 36 | 5.000 |
| | MHT7513 | NS 171 | 8 | SOL | 100 | 80 | 5.0 | | 20.000 | H | 200J | 40.000 | G | 1UA | 60 | 36 | 5.000 |
| | MHT7514 | NS 171 | 8 | SOL | 60 | 40 | 5.0 | | 20.000 | H | 200J | 50.000 | G | 1UA | 60 | 70 | 5.000 |
| | MHT7515 | NS 171 | 8 | SOL | 80 | 60 | 5.0 | | 20.000 | H | 200J | 50.000 | G | 1UA | 60 | 70 | 5.000 |
| | MHT7516 | NS 171 | 8 | SOL | 100 | 80 | 5.0 | | 20.000 | H | 200J | 50.000 | G | 1UA | 60 | 70 | 5.000 |
| | MHT7517 | NS 171 | 8 | SOL | 60 | 40 | 5.0 | | 20.000 | H | 200J | 60.000 | G | 1UA | 60 | 176 | 5.000 |
| | MHT7518 | NS 171 | 8 | SOL | 80 | 60 | 5.0 | | 20.000 | H | 200J | 60.000 | G | 1UA | 60 | 176 | 5.000 |
| | MHT7519 | NS 171 | 8 | SOL | 100 | 80 | 5.0 | | 20.000 | H | 200J | 60.000 | G | 1UA | 60 | 176 | 5.000 |
| | MHT7601-7612 | | | SEE SDT7601-7612 | | | | | | | | | | | | | |
| | MHT7801-7809 | | | SEE SDT7801-7809 | | | | | | | | | | | | | |
| | MHT7901-7910 | | | SEE SDT7901-7910 | | | | | | | | | | | | | |
| | MHT8002-8071 | | | SEE SDT8002-8071 | | | | | | | | | | | | | |
| | MHT8301-8304 | | | SEE SDT8301-8304 | | | | | | | | | | | | | |
| | MHT9001-9012 | | | SEE SDT9001-9012 | | | | | | | | | | | | | |
| | MJ400 | NS 605 | 66 | MOT | 350 | 325 | 5.0 | .250 | 6.670 | C | 175J | 15.000 | G | 1MA | 325 | 110 | .050 |
| | MJ413 | NS 605 | 3 | MOT | 400 | 400 | 5.0 | 10.000 | 125.000 | C | 150J | 6.000 | G | 250UA | 400 | 40 | .500 |
| | MJ420 | NS 211 | 5 | MOT | 275 | 250 | 6.0 | .100 | .800 | A | 175J | 30.000 | G | 100UA | 275 | 90 | .030 |
| | MJ421 | NS 211 | 5 | MOT | 350 | 325 | 6.0 | .100 | .800 | A | 175J | 30.000 | G | 100UA | 350 | 90 | .030 |
| | MJ423 | NS 605 | 3 | MOT | 400 | 400 | 5.0 | 10.000 | 125.000 | C | 150J | 5.000 | G | 250UA | 400 | 52 | 1.500 |
| | MJ431 | NS 605 | 3 | MOT | 400 | 400 | 5.0 | 10.000 | 125.000 | C | 150J | 4.000 | G | 3MA | 400 | 24 | 2.500 |
| | MJ432 | NS 605 | 3 | MOT | | 400 | | | 125.000 | C | 200J | 2.500 | G | | | 24 | 2.500 |
| | MJ440 | NS 210 | 5 | MOT | | 40 | | | 6.000 | C | 200J | 3.000 | G | | | 63 | .250 |
| | MJ450 | PS 605 | 3 | MOT | | 40 | | | 150.000 | C | 200J | 2.000 | G | | | 30 | 10.000 |
| | MJ480 | NS 605 | 3 | MOT | | 40 | | | 87.500 | C | 200J | 4.000 | G | | | 80 | 1.000 |
| | MJ481 | NS 605 | 3 | MOT | | 60 | | | 87.500 | C | 200J | 4.000 | G | | | 80 | 1.000 |
| | MJ490 | PS 605 | 3 | MOT | | 40 | | | 87.500 | C | 200J | 4.000 | G | | | 80 | 1.000 |
| | MJ491 | PS 605 | 3 | MOT | | 60 | | | 87.500 | C | 200J | 4.000 | G | | | 80 | 1.000 |
| | MJ500 | PS 561 | 59 | MOT | 60 | 60 | 5.0 | 7.000 | 60.000 | C | 200J | 30.000 | G | 10UA | 60 | 70 | 2.000 |
| | MJ501 | PS 561 | 59 | MOT | 80 | 80 | 5.0 | 7.000 | 60.000 | C | 200J | 30.000 | G | 10UA | 80 | 70 | 2.000 |
| | MJ802 | NS 605 | 3 | MOT | 100 | 90 | 4.0 | 7.500 | 200.000 | C | 200J | 2.000 | G | 1MA | 100 | 50 | 7.500 |
| | MJ1800 | NS 605 | 3 | MOT | | 500R | 5.0 | 5.000 | 100.000 | C | 150J | | | 200UA | 500 | 70 | .400 |
| | MJ2249 | NS 605 | 66 | MOT | 60 | 60 | 6.0 | 2.000 | 20.000 | C | 175J | 30.000 | G | 100UA | 60 | 87 | .030 |
| | MJ2250 | NS 605 | 66 | MOT | 80 | 80 | 6.0 | 2.000 | 20.000 | C | 175J | 30.000 | G | 100UA | 80 | 87 | .030 |
| | MJ2251 | NS 605 | 66 | MOT | | 225 | 6.0 | .500 | 10.000 | C | 150J | 10.000 | G | 100UA | 225 | 76 | .050 |
| | MJ2252 | NS 605 | 66 | MOT | | 300 | 6.0 | .500 | 10.000 | C | 150J | 10.000 | G | 100UA | 300 | 76 | .050 |
| | MJ2253 | PS 605 | 66 | MOT | 70 | 60 | 7.0 | 4.000 | 25.000 | C | 200J | 3.000 | G | 1MA | 70 | 46 | .250 |
| | MJ2254 | PS 605 | 66 | MOT | 90 | 80 | 7.0 | 4.000 | 25.000 | C | 200J | 3.000 | G | 1MA | 90 | 46 | .250 |
| | MJ2267 | PS 605 | 3 | MOT | 40 | 40 | 7.0 | 10.000 | 150.000 | C | 200J | 3.000 | G | 1MA | 40 | 32 | 3.000 |
| | MJ2268 | PS 605 | 3 | MOT | 55 | 55 | 7.0 | 10.000 | 150.000 | C | 200J | 3.000 | G | 1MA | 60 | 32 | 3.000 |
| | MJ2801 | NS 605 | 3 | MOT | 50 | 40 | 7.0 | 15.000 | 115.000 | C | 200J | 1.000 | G | 5MA | 50 | 30 | 8.000 |
| | MJ2840 | NS 605 | 3 | MOT | 60 | 60 | 4.0 | 10.000 | 150.000 | C | 200J | | | 100UA | 60 | 45 | 3.000 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ $I_C$(A) | |
| | MJ2841 | NS 605 | 3 | MOT | 80 | 80 | 4.0 | 10.000 | 150.000 | C | 200J | | | 100UA 80 | 45 | 4.000 |
| | MJ2901 | PS 605 | 3 | MOT | 50 | 40 | 7.0 | 15.000 | 115.000 | C | 200J | | 1.000 | G | 5MA 50 | 30 | 8.000 |
| | MJ2940 | PS 605 | 3 | MOT | 60 | 60 | 4.0 | 10.000 | 150.000 | C | 200J | | | | 100UA 60 | 45 | 3.000 |
| | MJ2941 | PS 605 | 3 | MOT | 80 | 80 | 4.0 | 10.000 | 150.000 | C | 200J | | | | 100UA 80 | 45 | 4.000 |
| | MJ3029 | NS 605 | 3 | MOT | | 500R | 8.0 | 3.500 | 125.000 | C | 150J | AUD | | | 1MA 500 | 6 | 3.000 |
| | MJ3030 | NS 605 | 3 | MOT | | 700X | 5.0 | 3.500 | 125.000 | C | 150J | AUD | | | 2MA 700 | 45 | .400 |
| | MJ3101 | NS 605 | 66 | MOT | 50 | 40 | 6.0 | 2.000 | 20.000 | C | 175J | | 30.000 | G | 100UA 50 | 87 | .030 |
| | MJ3201 | NS 605 | 66 | MOT | 225 | 225 | 3.0 | .100 | 15.000 | C | 175J | | 15.000 | G | 100UA 225 | 80 | .050 |
| | MJ3202 | NS 605 | 66 | MOT | 300 | 300 | 3.0 | .100 | 15.000 | C | 175J | | 15.000 | G | 100UA 300 | 80 | .050 |
| | MJ3701 | PS 605 | 66 | MOT | 50 | 40 | 5.0 | 4.000 | 25.000 | C | 200J | | 3.000 | G | 1MA 50 | 46 | .250 |
| | MJ3771 | NS 605 | 3 | MOT | 50 | 40 | 5.0 | 30.000 | 150.000 | C | 200J | | 2.000 | G | 2MA 50 | 30 | 15.000 |
| | MJ3772 | NS 605 | 3 | MOT | 100 | 60 | 7.0 | 20.000 | 150.000 | C | 200J | | 2.000 | G | 5MA 100 | 30 | 10.000 |
| | MJ4502 | PS 605 | 3 | MOT | 100 | 90 | 4.0 | 30.000 | 200.000 | C | 200J | | 2.000 | G | 1MA 100 | 50 | 7.500 |
| | MJ6700 | PS 560 | 59 | MOT | 60 | 60 | 5.0 | 7.000 | 60.000 | C | 200J | | 30.000 | G | 10UA 60 | 70 | 2.000 |
| | MJ6701 | PS 560 | 59 | MOT | 80 | 80 | 5.0 | 7.000 | 60.000 | C | 200J | | 30.000 | G | 10UA 80 | 70 | 2.000 |
| | MJ7000 | NS 561 | 63 | MOT | 100 | 100 | 7.0 | 30.000 | 150.000 | C | 200J | | 30.000 | G | 5UA 100 | 45 | 10.000 |
| | MJ7200 | NS 563 | 114 | MOT | 100 | 80 | 6.0 | 60.000 | 300.000 | C | 200J | | 20.000 | G | 100UA 100 | 45 | 20.000 |
| | MJ7201 | NS 563 | 114 | MOT | 120 | 100 | 6.0 | 60.000 | 300.000 | C | 200J | | 20.000 | G | 100UA 120 | 45 | 20.000 |
| | MJ8101 | PS 210 | 39 | MOT | 60 | 80 | 5.0 | 5.000 | 10.000 | C | 200J | | 30.000 | G | 10UA 60 | 70 | 2.000 |
| | MJ8101 | PS 210 | 39 | MOT | 60 | 80 | 5.0 | 5.000 | 10.000 | C | 200J | | 30.000 | G | 10UA 80 | 70 | 2.000 |
| | MJ9000 | NS 605 | 3 | MOT | | 700S | 5.0 | 10.000 | 125.000 | C | 150J | | | | 1MA 700 | | |
| | MJE105 | PS 48 B | | MOT | 50 | 50 | 4.0 | 5.000 | 65.000 | C | 150J | AUD | | | 100UA 50 | 50 | 2.000 |
| | MJE205 | NS 48 B | | MOT | 50 | 50 | 4.0 | 5.000 | 65.000 | C | 150J | AUD | | | 100UA 50 | 50 | 2.000 |
| | MJE340 | NS 48 A | | MOT | | 300 | 3.0 | .500 | 20.800 | C | 150J | AUD | | | 100UA 300 | 90 | .050 |
| | MJE341 | NS 48 A | | MOT | 175 | 150 | 3.0 | .500 | 20.800 | C | 150J | | | | 300UA 175 | 75 | .050 |
| | MJE344 | NS 48 A | | MOT | 200 | 200 | 5.0 | .500 | 20.800 | C | 150J | | | | 100UA 200 | 80 | .050 |
| | MJE370 | PS 48 A | | MOT | 30 | 30 | 4.0 | 3.000 | 25.000 | C | 150J | AUD | | | 100UA 30 | 38 | 1.000 |
| | MJE371 | PS 48 A | | MOT | 40 | 40 | 4.0 | 3.000 | 40.000 | C | 150J | AUD | | | 100UA 40 | 60 | 1.000 |
| | MJE520 | NS 48 A | | MOT | 30 | 30 | 4.0 | 3.000 | 25.000 | C | 150J | AUD | | | 100UA 30 | 38 | 1.000 |
| | MJE521 | NS 48 A | | MOT | 40 | 40 | 4.0 | 3.000 | 40.000 | C | 150J | AUD | | | 100UA 40 | 60 | 1.000 |
| | MJE1290 | PS 48 B | | MOT | 40 | 40 | 5.0 | 15.000 | 90.000 | C | 150J | | 3.000 | G | 700UA 40 | 45 | 5.000 |
| | MJE1291 | PS 48 B | | MOT | 60 | 60 | 5.0 | 15.000 | 90.000 | C | 150J | | 3.000 | G | 700UA 60 | 45 | 5.000 |
| | MJE1660 | NS 48 B | | MOT | 40 | 40 | 5.0 | 15.000 | 90.000 | C | 150J | | 3.000 | G | 700UA 40 | 45 | 5.000 |
| | MJE1661 | NS 48 B | | MOT | 60 | 60 | 5.0 | 15.000 | 90.000 | C | 150J | | 3.000 | G | 700UA 60 | 45 | 5.000 |
| | MJE2010 | PS 58 B | | MOT | 40 | 40 | 5.0 | 5.000 | 80.000 | C | 150J | | 3.000 | G | 400UA 40 | 56 | 1.000 |
| | MJE2011 | PS 58 B | | MOT | 60 | 60 | 5.0 | 5.000 | 80.000 | C | 150J | | 3.000 | G | 400UA 60 | 56 | 1.000 |
| | MJE2020 | NS 58 B | | MOT | 40 | 40 | 5.0 | 5.000 | 80.000 | C | 150J | | 3.000 | G | 400UA 40 | 56 | 1.000 |
| | MJE2021 | NS 58 B | | MOT | 60 | 60 | 5.0 | 5.000 | 80.000 | C | 150J | | 3.000 | G | 400UA 60 | 56 | 1.000 |
| | MJE2360 | NS 58 B | | MOT | 375 | 350 | 6.0 | .500 | 30.000 | C | 150J | | 10.000 | G | 100UA 375 | 75 | .050 |
| | MJE2361 | NS 58 B | | MOT | 375 | 350 | 6.0 | .500 | 30.000 | C | 150J | | 10.000 | G | 100UA 375 | 112 | .050 |
| | MJE2370 | PS 58 B | | MOT | 40 | 40 | 5.0 | 3.000 | 40.000 | C | 150J | | 3.000 | G | 300UA 30 | 90 | .200 |
| | MJE2371 | PS 58 B | | MOT | 60 | 60 | 5.0 | 3.000 | 40.000 | C | 150J | | 3.000 | G | 300UA 30 | 90 | .200 |
| | MJE2480 | NS 58 B | | MOT | 40 | 40 | 5.0 | 4.000 | 60.000 | C | 150J | | 2.000 | G | 100UA 40 | 45 | 1.500 |
| | MJE2481 | NS 58 B | | MOT | 60 | 60 | 5.0 | 4.000 | 60.000 | C | 150J | | 2.000 | G | 100UA 60 | 45 | 1.500 |
| | MJE2482 | NS 58 B | | MOT | 40 | 40 | 5.0 | 4.000 | 60.000 | C | 150J | | 2.000 | G | 100UA 40 | 45 | 2.500 |
| | MJE2483 | NS 58 B | | MOT | 60 | 60 | 5.0 | 4.000 | 60.000 | C | 150J | | 2.000 | G | 100UA 60 | 45 | 2.500 |
| | MJE2490 | PS 58 B | | MOT | 40 | 40 | 5.0 | 3.000 | 60.000 | C | 150J | | 3.000 | G | 300UA 30 | 45 | 1.000 |
| | MJE2491 | PS 58 B | | MOT | 60 | 60 | 5.0 | 3.000 | 60.000 | C | 150J | | 3.000 | G | 300UA 30 | 45 | 1.000 |
| | MJE2520 | NS 58 B | | MOT | 40 | 40 | 5.0 | 3.000 | 40.000 | C | 150J | | 3.000 | G | 200UA 40 | 90 | .200 |
| | MJE2521 | NS 58 B | | MOT | 60 | 60 | 5.0 | 3.000 | 40.000 | C | 150J | | 3.000 | G | 200UA 60 | 90 | .200 |
| | MJE2522 | NS 58 B | | MOT | 40 | 40 | 5.0 | 3.000 | 40.000 | C | 150J | | 3.000 | G | 200UA 40 | 45 | .200 |
| | MJE2523 | NS 58 B | | MOT | 60 | 60 | 5.0 | 3.000 | 40.000 | C | 150J | | 3.000 | G | 200UA 60 | 45 | .200 |
| | MJE2801 | NS 48 B | | MOT | 60 | 60 | 4.0 | 10.000 | 90.000 | C | 150J | AUD | | | 100UA 60 | 50 | 3.000 |
| | MJE2901 | PS 48 B | | MOT | 60 | 60 | 4.0 | 10.000 | 90.000 | C | 150J | AUD | | | 100UA 60 | 50 | 3.000 |
| | MJE2955 | PS 48 B | | MOT | 70 | 60 | 5.0 | 10.000 | 90.000 | C | 150J | | 2.000 | G | 1MA 70 | 38 | 4.000 |
| | MJE3054 | NS 58 B | | MOT | 90 | 55 | 5.0 | 4.000 | 40.000 | C | 150J | | .030 | E | 500UA 30 | 45 | .500 |
| | MJE3055 | NS 48 B | | MOT | 70 | 60 | 5.0 | 10.000 | 90.000 | C | 150J | | 2.000 | G | 1MA 70 | 37 | 4.000 |
| | MJE3738 | NS 58 B | | MOT | 250 | 325 | 6.0 | .500 | 30.000 | C | 150J | | 10.000 | G | 100UA 250 | 90 | .100 |
| | MJE3739 | NS 58 B | | MOT | 225 | 300 | 6.0 | .500 | 30.000 | C | 150J | | 10.000 | G | 100UA 325 | 90 | .100 |
| | MJE3740 | PS 58 B | | MOT | 60 | 60 | 5.0 | 4.000 | 40.000 | C | 150J | | 4.000 | G | 100UA 60 | 55 | .250 |
| | MJE3741 | PS 58 B | | MOT | 80 | 80 | 5.0 | 4.000 | 40.000 | C | 150J | | 4.000 | G | 100UA 80 | 55 | .250 |
| | MM380 | PG 211 | 18 | MOT | 25 | 10 | .3 | | .250 | A | 100J | | 400.000 | G | 10UA 10 | 50 | .003 |
| | MM709 | NS 211 | 52 | MOT | 15 | 8 | 4.0 | .100 | .400 | A | 200J | | 300.000 | G | 15NA 5 | 45 | .010 |
| | MM1139 | PG 217 | 72 | MOT | 30 | 15 | .3 | | .125 | A | 100J | | 400.000 | G | 8UA 20 | 24 | .002 |
| | MM1500 | NS 120 H | | MOT | 30 | 15 | 4.0 | .200 | 3.500 | C | 200J | | 1500.000 | G | 100NA 20 | | |
| | MM1501 | NS 120 H | | MOT | 30 | 15 | 4.0 | .200 | 3.500 | C | 200J | | 1000.000 | G | 100NA 20 | | |
| | MM1549 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | MM1550 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | MM1551 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | MM1557 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | MM1558 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | MM1559 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | MM1601 | | | SEE 2N5589 | | | | | | | | | | | | |
| | MM1602 | | | SEE 2N5590 | | | | | | | | | | | | |
| | MM1603 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | MM1619 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | MM1620 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | MM1748 | NS 211 | 52 | MOT | 15 | 6 | 4.0 | .100 | .300 | A | 200J | | 600.000 | G | 50NA 5 | 50 | .010 |
| | MM1803 | NS 211 | 5 | MOT | 50 | 25 | 5.0 | .150 | 2.000 | C | 200J | | 500.000 | G | 50NA 20 | 84 | .050 |
| | MM1812 | NS 211 | 5 | MOT | 175 | 175 | 4.0 | .100 | 5.000 | C | 200J | | .050 | G | 100UA 50 | 85 | .010 |
| | MM1941 | NS 210 | 18 | MOT | 30 | 30S | 3.0 | .200 | .300 | A | 175J | | 600.000 | G | 100NA 15 | 50 | .010 |
| | MM1943 | NS 210 | 18 | MOT | 40 | 40S | 3.0 | .200 | .300 | A | 175J | | 500.000 | G | 100NA 15 | 50 | .010 |
| | MM2258 | NS 211 | 5 | MOT | 120 | 120 | 5.0 | .500 | 1.000 | A | 200J | | 150.000 | G | 50NA 75 | 100 | .010 |
| | MM2259 | NS 211 | 5 | MOT | 175 | 175 | 5.0 | .300 | 1.000 | A | 200J | | 150.000 | G | 50NA 75 | 70 | .010 |
| | MM2260 | NS 211 | 5 | MOT | 175 | 175 | 5.0 | .300 | 1.000 | A | 200J | | 150.000 | G | 50NA 75 | 100 | .010 |
| | MM2264 | NS 211 | 5 | MOT | | 25 | | 1.500 | 1.100 | A | 200J | | 50.000 | G | 500NA 25 | 140 | .150 |
| | MM2483 | NS 211 | 18 | MOT | 60 | 60 | 6.0 | .050 | .360 | A | 200J | | 600.000 | G | 10NA 45 | 70 | .001 |
| | MM2484 | NS 211 | 18 | MOT | 60 | 60 | 6.0 | .050 | .360 | A | 200J | | 600.000 | G | 10NA 45 | 225 | .001 |
| | MM2894 | PS 211 | 18 | MOT | 15 | 12 | 4.5 | | .360 | A | 200J | | 400.000 | G | 80NA 6 | 70 | .030 |
| | MM3000 | NS 210 | 39 | MOT | | 100 | 5.0 | .400 | 1.000 | A | 200J | | 150.000 | G | 1UA 50 | 30 | .010 |
| | MM3001 | NS 210 | 39 | MOT | | 150 | 5.0 | .400 | 1.000 | A | 200J | | 150.000 | G | 1UA 75 | 30 | .010 |
| | MM3002 | NS 210 | 39 | MOT | | 200 | 5.0 | .400 | 1.000 | A | 200J | | 150.000 | G | 5UA 100 | 30 | .010 |
| | MM3003 | NS 210 | 39 | MOT | | 250 | 5.0 | .400 | 1.000 | A | 200J | | 150.000 | G | 5UA 100 | 30 | .010 |
| | MM3008 | NS 210 | 39 | MOT | | 120 | 6.0 | .400 | 1.000 | A | 200J | | 50.000 | G | 100NA 120 | 60 | .010 |
| | MM3009 | NS 210 | 39 | MOT | | 180 | 6.0 | .400 | 1.000 | A | 200J | | 50.000 | G | 100NA 180 | 60 | .010 |
| | MM3724 | NS 211 | 5 | MOT | 40 | 30 | 6.0 | 1.500 | 1.000 | A | 200J | | 200.000 | G | 500NA 40 | 62 | .500 |
| | MM3725 | NS 211 | 5 | MOT | | 50 | 6.0 | 1.500 | 1.000 | A | 200J | | 200.000 | G | 500NA 40 | 62 | .500 |
| | MM3726 | PS 211 | 5 | MOT | | 50 | 5.0 | 1.500 | 1.000 | A | 200J | | 200.000 | G | 100NA 40 | 60 | .500 |
| | MM3903 | NS 210 | 52 | MOT | 60 | 40 | 6.0 | .200 | .360 | A | 200J | | 250.000 | G | 50NA 30 | 88 | .010 |
| | MM3904 | NS 210 | 52 | MOT | 60 | 40 | 6.0 | .200 | .360 | A | 200J | | 300.000 | G | 50NA 30 | 175 | .010 |
| | MM3905 | PS 210 | 52 | MOT | 40 | 40 | 5.0 | .200 | .360 | A | 200J | | 200.000 | G | 50NA 30 | 88 | .010 |
| | MM3906 | PS 210 | 52 | MOT | 40 | 40 | 5.0 | .200 | .360 | A | 200J | | 250.000 | G | 50NA 30 | 175 | .010 |
| | MM4000 | PS 211 | 39 | MOT | 100 | 100 | 4.0 | .100 | .600 | A | 200J | | | | 1UA 50 | 30 | .010 |
| | MM4001 | PS 211 | 39 | MOT | 150 | 150 | 4.0 | .500 | 1.000 | A | 200J | | | | 1UA 75 | 30 | .010 |
| | MM4002 | PS 211 | 39 | MOT | 200 | 200 | 4.0 | .500 | 1.000 | A | 200J | | | | 1UA 100 | 30 | .010 |
| | MM4003 | PS 211 | 39 | MOT | 250 | 250 | 4.0 | .500 | 1.000 | A | 200J | | | | 5UA 100 | 30 | .010 |
| | MM4018 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | MM4019 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | MM4020 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | MM4021 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | MM4022 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | MM4023 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | MM4048 | PS 211 | 18 | MOT | 45 | 45 | 5.0 | .050 | .360 | A | 200J | | 100.000 | G | 10NA 30 | 260 | .001 |
| | MM4052 | PS 210 | 46 | MOT | 30 | 30 | 30.0 | .500 | .500 | A | 200J | | 12.000 | G | 1NA 15 | 23 | .150 |
| | MM4261H | PS 217 | 72 | MOT | 15 | 15 | 4.5 | .030 | .200 | A | 200J | | 1500.000 | G | 5NA 10 | 68 | .010 |
| | MM4429 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | MM4430 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | MM4545 | PS 631 | 37 | MOT | 200 | 200 | 5.0 | 2.500 | 25.000 | C | 200J | | 40.000 | G | 10UA 200 | 30 | .500 |
| | MM4546 | PS 631 | 37 | MOT | 300 | 300 | 5.0 | 2.500 | 25.000 | C | 200J | | 40.000 | G | 10UA 200 | 30 | .500 |
| | MM4547 | PS 631 | 37 | MOT | 400 | 400 | 5.0 | 2.500 | 25.000 | C | 200J | | 30.000 | G | 10UA 200 | 30 | .500 |
| | MM4645 | PS 211 | 39 | MOT | 200 | 200 | 5.0 | 2.500 | 5.000 | C | 200J | | 40.000 | G | 10UA 200 | 30 | .500 |
| | MM4646 | PS 211 | 39 | MOT | 300 | 300 | 5.0 | 2.500 | 5.000 | C | 200J | | 40.000 | G | 10UA 200 | 30 | .500 |
| | MM4647 | PS 211 | 39 | MOT | 400 | 400 | 5.0 | 2.500 | 5.000 | C | 200J | | 30.000 | G | 10UA 200 | 30 | .500 |
| | MM5000 | PG 217 | 72 | MOT | 30 | 15 | .3 | .010 | .150 | A | 100J | | 800.000 | G | | 60 | .003 |
| | MM5001 | PG 217 | 72 | MOT | 30 | 15 | .3 | .010 | .150 | A | 100J | | 800.000 | G | | 60 | .003 |
| | MM5002 | PG 217 | 72 | MOT | 30 | 15 | .3 | .010 | .150 | A | 100J | | 800.000 | G | | 60 | .003 |
| | MM8000 | NS 210 | 39 | MOT | 40 | 30 | 3.5 | .400 | 3.500 | C | 200J | | 1000.000 | G | 20UA 28 | 45 | .050 |
| | MM8001 | NS 210 | 39 | MOT | 40 | 30 | 3.5 | .400 | 3.500 | C | 200J | | 1000.000 | G | 20UA 28 | 45 | .050 |
| | MM8002 | NS 210 | 39 | MOT | 40 | 30 | 3.5 | .400 | 3.500 | C | 200J | | 1000.000 | G | 20UA 28 | 45 | .050 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff | | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | | | $I_{CBO}$ @ | $V_{CB}$ | $h_{FE}$ @ | $I_C$(A) |
| | MM8003 | NS 962 C | | MOT | 40 | 30 | 3.5 | .400 | 5.000 | C | 200J | | 1000.000 | G | 20UA | 28 | 45 | .050 |
| | MM8006 | NS 217 | 72 | MOT | 15 | 10 | 3.0 | .020 | .200 | A | 200J | | 1000.000 | G | 10NA | 6 | 38 | .001 |
| | MM8007 | NS 217 | 72 | MOT | 15 | 10 | 3.0 | .020 | .200 | A | 200J | | 1000.000 | G | 10NA | 6 | 38 | .001 |
| | MM8008 | NS 120 | 107 | MOT | 35 | 30 | 3.0 | .100 | 3.500 | C | 200J | | 1100.000 | G | 100UA | 20 | | |
| | MM8009 | NS 210 | 39 | MOT | 55 | 50 | 3.0 | .400 | 3.500 | C | 200J | | 1000.000 | G | 100UA | 15 | | |
| | MM8010 | NS 120 | 107 | MOT | 35 | 30 | 3.0 | .100 | 3.500 | C | 200J | | 1100.000 | G | 100UA | 20 | | |
| | MM8011 | NS 120 | 107 | MOT | 35 | 30 | 3.0 | .100 | 3.500 | C | 200J | | 1100.000 | G | 100UA | 20 | | |
| | MM8012 | SEE RF POWER SECTION | | | | | | | | | | | | | | | | |
| | MMT73 | PS 916 A | | MOT | | 8 | 4.0 | .200 | .225 | A | 135J | | 400.000 | G | 100NA | 3 | 45 | .010 |
| | MMT918 | NS 916 A | | MOT | 30 | 15 | 3.0 | .050 | .225 | A | 135J | | 600.000 | G | 10NA | 15 | 30 | .003 |
| | MMT930 | NS 916 A | | MOT | 60 | 45 | 6.0 | .050 | .225 | A | 135J | | 600.000 | G | 10NA | 45 | 225 | .001 |
| | MMT2222 | NS 916 A | | MOT | 60 | 30 | 5.0 | | .225 | A | 135J | | 200.000 | G | 50NA | 50 | 175 | .150 |
| | MMT2369 | NS 916 A | | MOT | 40 | 15 | 4.5 | .200 | .225 | A | 135J | | 500.000 | G | 100NA | 20 | 70 | .010 |
| | MMT2484 | NS 916 A | | MOT | 60 | 60 | 6.0 | .050 | .225 | A | 135J | | 600.000 | G | 10NA | 45 | 375 | .001 |
| | MMT2857 | NS 916 A | | MOT | 30 | 15 | 3.0 | .040 | .225 | A | 135J | | 1000.000 | G | 50NA | 15 | 45 | .030 |
| | MMT2907 | PS 916 A | | MOT | 60 | 40 | 5.0 | .600 | .225 | A | 135J | | 200.000 | G | 50NA | 50 | 175 | .150 |
| | MMT3014 | NS 916 A | | MOT | 40 | 20 | 5.0 | .200 | .225 | A | 135J | | 350.000 | G | 100NA | 20 | 100 | .030 |
| | MMT3546 | PS 916 A | | MOT | 15 | 12 | 4.5 | .250 | .225 | A | 135J | | 700.000 | G | 100NA | 10 | 45 | .010 |
| | MMT3798 | PS 916 A | | MOT | 60 | 60 | 3.0 | .050 | .225 | A | 135J | | 40.000 | G | 50NA | 50 | 260 | .001 |
| | MMT3799 | PS 916 A | | MOT | 60 | 60 | 3.0 | .050 | .225 | A | 135J | | 40.000 | G | 50NA | 50 | 525 | .001 |
| | MMT3903 | NS 916 A | | MOT | 60 | 40 | 6.0 | .200 | .225 | A | 135J | | 250.000 | G | 50NA | 40 | 88 | .010 |
| | MMT3904 | NS 916 A | | MOT | 60 | 40 | 6.0 | .200 | .225 | A | 135J | | 300.000 | G | 50NA | 40 | 176 | .010 |
| | MMT3905 | PS 916 A | | MOT | 40 | 40 | 5.0 | .200 | .225 | A | 135J | | 200.000 | G | 50NA | 30 | 88 | .010 |
| | MMT3906 | PS 916 A | | MOT | 40 | 40 | 5.0 | .200 | .225 | A | 135J | | 250.000 | G | 50NA | 30 | 176 | .010 |
| | MMT3960A | NS 916 A | | MOT | 15 | 8 | 3.0 | | .225 | A | 135J | | 1600.000 | G | 50NA | 10 | 80 | .010 |
| | MMT8015 | NS 916 A | | MOT | 15 | 10 | 3.0 | .015 | .200 | A | 135J | | 1000.000 | G | 1NA | 6 | 100 | .001 |
| | MN21 | | | SEE 2N375 | | | | | | | | | | | | | | |
| | MN24 | | | SEE 2N350 | | | | | | | | | | | | | | |
| | MN25 | | | SEE 2N351 | | | | | | | | | | | | | | |
| | MN26 | | | SEE 2N376 | | | | | | | | | | | | | | |
| | MN29 | | | SEE 2N555 | | | | | | | | | | | | | | |
| | MN48 | | | SEE 2N669 | | | | | | | | | | | | | | |
| | MN49 | | | SEE 2N618 | | | | | | | | | | | | | | |
| | MN61A | | | SEE 2N627 | | | | | | | | | | | | | | |
| | MN62A | | | SEE 2N628 | | | | | | | | | | | | | | |
| | MN63A | | | SEE 2N629 | | | | | | | | | | | | | | |
| | MN64A | | | SEE 2N630 | | | | | | | | | | | | | | |
| | MP110 | PG 605 | 3 | MOT | | 65X | | 7.000 | 106.000 | C | 110J | | .320 | G | 2MA | 40 | 136 | 1.000 |
| | MP110B-BLU | PG 605 | 3 | MOT | 90 | 40 | 2.0 | 25.000 | 106.000 | C | 110J | | .500 | G | 20MA | 90 | 225 | 1.000 |
| | MP110B-GRN | PG 605 | 3 | MOT | 90 | 40 | 2.0 | 25.000 | 106.000 | C | 110J | | .500 | G | 20MA | 90 | 150 | 1.000 |
| | MP110B-RED | PG 605 | 3 | MOT | 90 | 40 | 2.0 | 25.000 | 106.000 | C | 110J | | .500 | G | 20MA | 90 | 95 | 1.000 |
| | MP500 | PG 405 | 36 | MOT | 45 | 30 | 25.0 | 60.000 | 170.000 | C | 110J | | .002 | E | 4MA | 45 | 46 | 9.999 |
| | MP500A | PG 405 | 36 | MOT | 45 | 30 | 25.0 | 60.000 | 170.000 | C | 110J | | .002 | E | 4MA | 45 | 46 | 9.999 |
| | MP501 | PG 405 | 36 | MOT | 60 | 45 | 30.0 | 60.000 | 170.000 | C | 110J | | .002 | E | 4MA | 60 | 46 | 9.999 |
| | MP501A | PG 405 | 36 | MOT | 60 | 45 | 30.0 | 60.000 | 170.000 | C | 110J | | .002 | E | 4MA | 60 | 46 | 9.999 |
| | MP502 | PG 405 | 36 | MOT | 75 | 60 | 40.0 | 60.000 | 170.000 | C | 110J | | .002 | E | 4MA | 75 | 46 | 9.999 |
| | MP502A | PG 405 | 36 | MOT | 75 | 60 | 40.0 | 60.000 | 170.000 | C | 110J | | .002 | E | 4MA | 75 | 46 | 9.999 |
| | MP504 | PG 405 | 36 | MOT | 45 | 30 | 25.0 | 60.000 | 170.000 | C | 110J | | .002 | E | 4MA | 45 | 62 | 9.999 |
| | MP504A | PG 405 | 36 | MOT | 45 | 30 | 25.0 | 60.000 | 170.000 | C | 110J | | .002 | E | 4MA | 45 | 62 | 9.999 |
| | MP505 | PG 405 | 36 | MOT | 60 | 45 | 30.0 | 60.000 | 170.000 | C | 110J | | .002 | E | 4MA | 60 | 62 | 9.999 |
| | MP505A | PG 405 | 36 | MOT | 60 | 45 | 30.0 | 60.000 | 170.000 | C | 110J | | .002 | E | 4MA | 60 | 62 | 9.999 |
| | MP506 | PG 405 | 36 | MOT | 75 | 60 | 40.0 | 60.000 | 170.000 | C | 110J | | .002 | E | 4MA | 75 | 62 | 9.999 |
| | MP506A | PG 405 | 36 | MOT | 75 | 60 | 40.0 | 60.000 | 170.000 | C | 110J | | .002 | E | 4MA | 75 | 62 | 9.999 |
| | MP525-1 | PG 605 | 3 | MOT | | 60 | | 7.000 | 106.000 | C | 110J | AUD | | | 200UA | 2 | 38 | 3.000 |
| | MP525-2 | PG 605 | 3 | MOT | | 60 | | 7.000 | 106.000 | C | 110J | AUD | | | 200UA | 2 | 50 | 3.000 |
| | MP525-3 | PG 605 | 3 | MOT | | 60 | | 7.000 | 106.000 | C | 110J | AUD | | | 200UA | 2 | 58 | 3.000 |
| | MP525-4 | PG 605 | 3 | MOT | | 60 | | 7.000 | 106.000 | C | 110J | AUD | | | 200UA | 2 | 76 | 3.000 |
| | MP525-5 | PG 605 | 3 | MOT | | 60 | | 7.000 | 106.000 | C | 110J | AUD | | | 200UA | 2 | 100 | 3.000 |
| | MP525-6 | PG 605 | 3 | MOT | | 60X | | 7.000 | 106.000 | C | 110J | AUD | | | 200UA | 2 | 126 | 3.000 |
| | MP600 | PG 605 | 3 | MOT | 75 | 50 | 1.5 | 25.000 | 85.000 | C | 110J | LS SW | | | 10MA | 75 | 75 | 5.000 |
| | MP601 | PG 605 | 3 | MOT | 75 | 60 | 1.5 | 25.000 | 85.000 | C | 110J | LS SW | | | 10MA | 75 | 75 | 5.000 |
| | MP602 | PG 605 | 3 | MOT | 90 | 70 | 1.5 | 25.000 | 85.000 | C | 110J | LS SW | | | 10MA | 90 | 75 | 5.000 |
| | MP603 | PG 605 | 3 | MOT | 90 | 80 | 1.5 | 25.000 | 85.000 | C | 110J | LS SW | | | 10MA | 90 | 75 | 5.000 |
| | MP1529 | PG 607 | 41 | MOT,KSC | 40 | 20 | 20.0 | 5.000 | 90.000 | C | 100J | | .010 | E | 2MA | 25 | 30 | |
| | MP1529A | PG 607 | 41 | MOT,KSC | 40 | 20 | 20.0 | 5.000 | 106.000 | C | 110J | | .004 | E | 2MA | 25 | 30 | 3.000 |
| | MP1530 | PG 607 | 41 | MOT,KSC | 60 | 30 | 30.0 | 5.000 | 90.000 | C | 100J | | .010 | E | 2MA | 40 | 30 | |
| | MP1530A | PG 607 | 41 | MOT,KSC | 60 | 30 | 30.0 | 5.000 | 106.000 | C | 110J | | .004 | E | 2MA | 40 | 30 | 3.000 |
| | MP1531 | PG 607 | 41 | MOT,KSC | 80 | 40 | 40.0 | 5.000 | 90.000 | C | 100J | | .010 | E | 2MA | 55 | 30 | |
| | MP1531A | PG 607 | 41 | MOT,KSC | 80 | 40 | 40.0 | 5.000 | 106.000 | C | 110J | | .004 | E | 2MA | 55 | 30 | 3.000 |
| | MP1532 | PG 607 | 41 | MOT,KSC | 100 | 50 | 50.0 | 5.000 | 90.000 | C | 100J | | .010 | E | 2MA | 65 | 30 | |
| | MP1532A | PG 607 | 41 | MOT,KSC | 100 | 50 | 50.0 | 5.000 | 106.000 | C | 110J | | .004 | E | 2MA | 65 | 30 | 3.000 |
| | MP1533 | PG 607 | 41 | MOT,KSC | 120 | 60 | 60.0 | 5.000 | 90.000 | C | 100J | | .010 | E | 2MA | 80 | 30 | |
| | MP1534 | PG 607 | 41 | MOT,KSC | 40 | 20 | 20.0 | 5.000 | 90.000 | C | 100J | | .008 | E | 2MA | 25 | 52 | |
| | MP1534A | PG 607 | 41 | MOT,KSC | 40 | 20 | 20.0 | 5.000 | 106.000 | C | 110J | | .004 | E | 2MA | 25 | 52 | 3.000 |
| | MP1535 | PG 607 | 41 | MOT,KSC | 60 | 30 | 30.0 | 5.000 | 90.000 | C | 100J | | .008 | E | 2MA | 40 | 52 | |
| | MP1535A | PG 607 | 41 | MOT,KSC | 60 | 30 | 30.0 | 5.000 | 106.000 | C | 110J | | .004 | E | 2MA | 40 | 52 | 3.000 |
| | MP1536 | PG 607 | 41 | MOT,KSC | 80 | 40 | 40.0 | 5.000 | 90.000 | C | 100J | | .008 | E | 2MA | 55 | 52 | |
| | MP1536A | PG 607 | 41 | MOT,KSC | 80 | 40 | 40.0 | 5.000 | 106.000 | C | 110J | | .004 | E | 2MA | 55 | 52 | 3.000 |
| | MP1537 | PG 607 | 41 | MOT,KSC | 100 | 50 | 50.0 | 5.000 | 90.000 | C | 100J | | .008 | E | 2MA | 65 | 52 | |
| | MP1537A | PG 607 | 41 | MOT,KSC | 100 | 50 | 50.0 | 5.000 | 106.000 | C | 110J | | .004 | E | 2MA | 65 | 52 | 3.000 |
| | MP1538 | PG 607 | 41 | MOT,KSC | 120 | 60 | 60.0 | 5.000 | 90.000 | C | 100J | | .008 | E | 2MA | 80 | 52 | |
| | MP1539A | PG 607 | 41 | MOT,KSC | 40 | 20 | 20.0 | 5.000 | 90.000 | C | 100J | | .004 | E | 2MA | 25 | 74 | 3.000 |
| | MP1540A | PG 607 | 41 | MOT,KSC | 60 | 30 | 30.0 | 5.000 | 90.000 | C | 100J | | .004 | E | 2MA | 40 | 74 | 3.000 |
| | MP1541A | PG 607 | 41 | MOT,KSC | 80 | 40 | 40.0 | 5.000 | 90.000 | C | 100J | | .004 | E | 2MA | 55 | 74 | 3.000 |
| | MP1542A | PG 607 | 41 | MOT,KSC | 100 | 50 | 50.0 | 5.000 | 90.000 | C | 100J | | .004 | E | 2MA | 65 | 74 | 3.000 |
| | MP1543 | PG 607 | 41 | MOT,KSC | 120 | 60 | 12.0 | 5.000 | 90.000 | C | 100J | | .150 | G | 2MA | 80 | 75 | |
| | MP1544A | PG 607 | 41 | MOT,KSC | 40 | 20 | 20.0 | 5.000 | 90.000 | C | 100J | | .004 | E | 2MA | 25 | 100 | 3.000 |
| | MP1545A | PG 607 | 41 | MOT,KSC | 60 | 30 | 30.0 | 5.000 | 90.000 | C | 100J | | .004 | E | 2MA | 40 | 100 | 3.000 |
| | MP1546A | PG 607 | 41 | MOT,KSC | 80 | 40 | 40.0 | 5.000 | 90.000 | C | 100J | | .004 | E | 2MA | 55 | 100 | 3.000 |
| | MP1547A | PG 607 | 41 | MOT,KSC | 100 | 50 | 50.0 | 5.000 | 90.000 | C | 100J | | .004 | E | 2MA | 65 | 100 | 3.000 |
| | MP1548 | PG 607 | 41 | MOT,KSC | 120 | 60 | 12.0 | 5.000 | 90.000 | C | 100J | | .004 | E | 2MA | 80 | 100 | 3.000 |
| | MP1549 | PG 607 | 41 | MOT,KSC | 40 | 20 | 20.0 | 15.000 | 90.000 | C | 100J | | .010 | E | 3MA | 25 | 20 | |
| | MP1549A | PG 607 | 41 | MOT,KSC | 40 | 20 | 20.0 | 15.000 | 90.000 | C | 100J | | .010 | E | 3MA | 25 | 20 | 9.999 |
| | MP1550 | PG 607 | 41 | MOT,KSC | 60 | 30 | 30.0 | 15.000 | 90.000 | C | 100J | | .010 | E | 3MA | 40 | 20 | |
| | MP1550A | PG 607 | 41 | MOT,KSC | 60 | 30 | 30.0 | 15.000 | 90.000 | C | 100J | | .010 | E | 3MA | 40 | 20 | 9.999 |
| | MP1551 | PG 607 | 41 | MOT,KSC | 80 | 40 | 40.0 | 15.000 | 90.000 | C | 100J | | .010 | E | 3MA | 55 | 20 | |
| | MP1551A | PG 607 | 41 | MOT,KSC | 80 | 40 | 40.0 | 15.000 | 90.000 | C | 100J | | .010 | E | 3MA | 55 | 20 | 9.999 |
| | MP1552 | PG 607 | 41 | MOT,KSC | 100 | 50 | 50.0 | 15.000 | 90.000 | C | 100J | | .010 | E | 3MA | 65 | 20 | |
| | MP1552A | PG 607 | 41 | MOT,KSC | 100 | 50 | 50.0 | 15.000 | 90.000 | C | 100J | | .010 | E | 3MA | 65 | 20 | 9.999 |
| | MP1553 | PG 607 | 41 | MOT,KSC | 40 | 20 | 20.0 | 15.000 | 90.000 | C | 100J | | .006 | E | 3MA | 25 | 44 | |
| | MP1553A | PG 607 | 41 | MOT,KSC | 40 | 20 | 20.0 | 15.000 | 90.000 | C | 100J | | .006 | E | 3MA | 25 | 44 | 9.999 |
| | MP1554 | PG 607 | 41 | MOT,KSC | 60 | 30 | 30.0 | 15.000 | 90.000 | C | 100J | | .006 | E | 3MA | 40 | 44 | |
| | MP1554A | PG 607 | 41 | MOT,KSC | 60 | 30 | 30.0 | 15.000 | 90.000 | C | 100J | | .006 | E | 3MA | 40 | 44 | 9.999 |
| | MP1555 | PG 607 | 41 | MOT,KSC | 80 | 40 | 40.0 | 15.000 | 90.000 | C | 100J | | .006 | E | 3MA | 55 | 44 | |
| | MP1555A | PG 607 | 41 | MOT,KSC | 80 | 40 | 40.0 | 15.000 | 90.000 | C | 100J | | .006 | E | 3MA | 55 | 44 | 9.999 |
| | MP1556 | PG 607 | 41 | MOT,KSC | 100 | 50 | 50.0 | 15.000 | 90.000 | C | 100J | | .006 | E | 3MA | 65 | 44 | |
| | MP1556A | PG 607 | 41 | MOT,KSC | 100 | 50 | 50.0 | 15.000 | 90.000 | C | 100J | | .006 | E | 3MA | 65 | 44 | 9.999 |
| | MP1557 | PG 607 | 41 | MOT,KSC | 40 | 20 | 20.0 | 15.000 | 90.000 | C | 100J | | .005 | E | 3MA | 25 | 70 | |
| | MP1557A | PG 607 | 41 | MOT,KSC | 40 | 20 | 20.0 | 15.000 | 90.000 | C | 100J | | .005 | E | 3MA | 25 | 74 | 9.999 |
| | MP1558 | PG 607 | 41 | MOT,KSC | 60 | 30 | 30.0 | 15.000 | 90.000 | C | 100J | | .005 | E | 3MA | 40 | 70 | |
| | MP1558A | PG 607 | 41 | MOT,KSC | 60 | 30 | 30.0 | 15.000 | 90.000 | C | 100J | | .005 | E | 3MA | 40 | 74 | 9.999 |
| | MP1559 | PG 607 | 41 | MOT,KSC | 80 | 40 | 40.0 | 15.000 | 90.000 | C | 100J | | .005 | E | 3MA | 55 | 70 | |
| | MP1559A | PG 607 | 41 | MOT,KSC | 80 | 40 | 40.0 | 15.000 | 90.000 | C | 100J | | .005 | E | 3MA | 55 | 74 | 9.999 |
| | MP1560 | PG 607 | 41 | MOT,KSC | 100 | 50 | 50.0 | 15.000 | 90.000 | C | 100J | | .005 | E | 3MA | 65 | 70 | |
| | MP1560A | PG 607 | 41 | MOT,KSC | 100 | 50 | 50.0 | 15.000 | 90.000 | C | 100J | | .005 | E | 3MA | 65 | 74 | 9.999 |
| | MP1612 | PG 605 | 3 | MOT | 100 | 50 | 2.5 | 20.000 | 85.000 | C | 200J | HOR AMP | | | 10MA | 80 | 50 | 10.000 |
| | MP1612A | PG 605 | 3 | MOT | 140 | 75 | 2.5 | 20.000 | 85.000 | C | 110J | HOR AMP | | | 10MA | 120 | 50 | 10.000 |
| | MP1628 | PG 605 | 3 | MOT | 160 | 100 | 2.5 | 20.000 | 85.000 | C | 110J | HOR AMP | | | 10MA | 140 | 50 | 10.000 |
| | MP1613 | PG 605 | 3 | MOT | 100 | 75 | 5.0 | 7.000 | 85.000 | C | 110J | | | | 5MA | 100 | 120 | .050 |
| | MP2000A | PG 605 | 3 | MOT | | 30 | 2.0 | 25.000 | 106.000 | C | 110J | | .210 | G | 10MA | 60 | 37 | 8.000 |
| | MP2060 | PG 605 | 3 | MOT | 40 | 25 | 20.0 | 7.000 | 85.000 | C | 110C | | .300 | G | 1MA | 25 | 80 | 3.000 |
| | MP2061 | PG 605 | 3 | MOT | 60 | 35 | 20.0 | 7.000 | 85.000 | C | 110C | | .300 | G | 1MA | 35 | 80 | 3.000 |
| | MP2062 | PG 605 | 3 | MOT | 75 | 50 | 20.0 | 7.000 | 85.000 | C | 110C | | .300 | G | 1MA | 40 | 80 | 3.000 |
| | MP2063 | PG 605 | 3 | MOT | 90 | 60 | 20.0 | 7.000 | 85.000 | C | 110C | | .300 | G | 1MA | 60 | 80 | 3.000 |
| | MP2100A | PG 605 | 3 | MOT | | 60 | 2.0 | 25.000 | 106.000 | C | 110J | | .210 | G | 10MA | 80 | 37 | 8.000 |
| | MP2137A | PG 607 | 41 | MOT | 30 | 20 | 15.0 | | 70.000 | C | 110J | | .020 | E | 50UA | 2 | 22 | 2.000 |
| | MP2138A | PG 607 | 41 | MOT | 45 | 30 | 25.0 | | 70.000 | C | 110J | | .020 | E | 50UA | 2 | 22 | 2.000 |
| | MP2139A | PG 607 | 41 | MOT | 60 | 45 | 30.0 | | 70.000 | C | 110J | | .020 | E | 50UA | 2 | 22 | 2.000 |
| | MP2140A | PG 607 | 41 | MOT | 75 | 60 | 40.0 | | 70.000 | C | 110J | | .020 | E | 50UA | 2 | 22 | 2.000 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS $V_{CB}$ | $V_{CE}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | Frequency Response (MHz) | Condition | Cutoff $I_{CBO}$ @ $V_{CB}$ | | Gain $h_{FE}$ @ $I_C$(A) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MP2141A | PG 607 | 41 | MOT | 90 | 65 | 45.0 | | 70.000 | C | 110J | | .020 | E | 50UA | 2 | 22 | 2.000 |
| | MP2142A | PG 607 | 41 | MOT | 30 | 20 | 15.0 | | 70.000 | C | 110J | | .020 | E | 50UA | 2 | 33 | 2.000 |
| | MP2143A | PG 607 | 41 | MOT | 45 | 30 | 25.0 | | 70.000 | C | 110J | | .020 | E | 50UA | 2 | 33 | 2.000 |
| | MP2144A | PG 607 | 41 | MOT | 60 | 45 | 30.0 | | 70.000 | C | 110J | | .020 | E | 50UA | 2 | 33 | 2.000 |
| | MP2145A | PG 607 | 41 | MOT | 75 | 60 | 40.0 | | 70.000 | C | 110J | | .020 | E | 50UA | 2 | 33 | 2.000 |
| | MP2146A | PG 607 | 41 | MOT | 90 | 65 | 45.0 | | 70.000 | C | 110J | | .020 | E | 50UA | 2 | 33 | 2.000 |
| | MP2200A | PG 605 | 3 | MOT | | 80 | 2.0 | 25.000 | 106.000 | C | 110J | | .210 | G | 10MA | 100 | 37 | 8.000 |
| | MP2300A | PG 605 | 3 | MOT | | 100 | 2.0 | 25.000 | 106.000 | C | 110J | | .210 | G | 10MA | 120 | 37 | 8.000 |
| | MP2400A | PG 605 | 3 | MOT | | 120 | 2.0 | 25.000 | 106.000 | C | 110J | | .210 | G | 10MA | 140 | 37 | 8.000 |
| | MP2526 | PG 607 | 41 | MOT | 80 | 80 | 5.0 | 10.000 | 85.000 | C | 110J | | .010 | E | 3MA | 80 | 36 | 3.000 |
| | MP2527 | PG 607 | 41 | MOT | 120 | 120 | 5.0 | 10.000 | 85.000 | C | 110J | | .010 | E | 3MA | 120 | 36 | 3.000 |
| | MP2528 | PG 607 | 41 | MOT | 160 | 160 | 5.0 | 10.000 | 85.000 | C | 110J | | .010 | E | 3MA | 160 | 36 | 3.000 |
| | MP2832 | PG 607 | 41 | MOT | 80 | 50 | 2.0 | 20.000 | 85.000 | C | 110J | | 10.000 | G | 10MA | 80 | 75 | 1.000 |
| | MP2833 | PG 607 | 41 | MOT | 120 | 75 | 2.0 | 20.000 | 85.000 | C | 110J | | 10.000 | G | 10MA | 120 | 75 | 1.000 |
| | MP2834 | PG 607 | 41 | MOT | 140 | 100 | 2.0 | 20.000 | 85.000 | C | 110J | | 10.000 | G | 10MA | 140 | 75 | 1.000 |
| | MP3611 | PG 607 | 41 | MOT | 40 | 25 | 20.0 | 7.000 | 85.000 | C | 110J | | .300 | G | 5MA | 40 | 50 | 3.000 |
| | MP3612 | PG 607 | 41 | MOT | 60 | 35 | 30.0 | 7.000 | 85.000 | C | 110J | | .300 | G | 5MA | 60 | 50 | 3.000 |
| | MP3613 | PG 607 | 41 | MOT | 40 | 25 | 20.0 | 7.000 | 85.000 | C | 110J | | .300 | G | 5MA | 40 | 80 | 3.000 |
| | MP3614 | PG 607 | 41 | MOT | 60 | 35 | 30.0 | 7.000 | 85.000 | C | 110J | | .300 | G | 5MA | 60 | 80 | 3.000 |
| | MP3615 | PG 607 | 41 | MOT | 80 | 50 | 40.0 | 7.000 | 85.000 | C | 110J | | .300 | G | 5MA | 80 | 40 | 3.000 |
| | MP3616 | PG 607 | 41 | MOT | 100 | 60 | 50.0 | 7.000 | 85.000 | C | 110J | | .300 | G | 5MA | 100 | 40 | 3.000 |
| | MP3617 | PG 607 | 41 | MOT | 80 | 50 | 40.0 | 7.000 | 85.000 | C | 110J | | .300 | G | 5MA | 80 | 60 | 3.000 |
| | MP3618 | PG 607 | 41 | MOT | 100 | 60 | 50.0 | 7.000 | 85.000 | C | 110J | | .300 | G | 5MA | 100 | 60 | 3.000 |
| | MP3730 | PG 605 | 3 | MOT | 200 | 200 | 2.0 | 5.000 | 56.000 | C | 110J | | 1.000 | G | 5MA | 200 | 65 | 2.250 |
| | MP3731 | PG 605 | 3 | MOT | 320 | 320 | 2.0 | 10.000 | 56.000 | C | 110J | | 1.000 | G | 10MA | 320 | 65 | 6.000 |
| | MP5435 | PG 607 | 41 | MOT | 80 | 60 | 2.5 | 60.000 | 120.000 | C | 110J | | .350 | G | 10MA | 80 | 35 | 25.000 |
| | MP5436 | PG 607 | 41 | MOT | 110 | 90 | 2.5 | 60.000 | 120.000 | C | 110J | | .350 | G | 10MA | 110 | 35 | 25.000 |
| | MP5437 | PG 607 | 41 | MOT | 140 | 120 | 2.5 | 60.000 | 120.000 | C | 110J | | .350 | G | 10MA | 140 | 35 | 25.000 |
| | MP5438 | PG 607 | 41 | MOT | 80 | 60 | 2.5 | 60.000 | 120.000 | C | 110J | | .350 | G | 10MA | 80 | 70 | 25.000 |
| | MP5439 | PG 607 | 41 | MOT | 110 | 90 | 2.5 | 60.000 | 120.000 | C | 110J | | .350 | G | 10MA | 110 | 70 | 25.000 |
| | MP5440 | PG 607 | 41 | MOT | 140 | 120 | 2.5 | 60.000 | 120.000 | C | 110J | | .350 | G | 10MA | 140 | 70 | 25.000 |
| | MP5692 | PG 607 | 41 | MOT | 50 | 30 | 2.5 | 60.000 | 120.000 | C | 110J | | .200 | G | 200UA | 2 | 36 | 25.000 |
| | MP5693 | PG 607 | 41 | MOT | 80 | 60 | 2.5 | 60.000 | 120.000 | C | 110J | | .200 | G | 200UA | 2 | 36 | 25.000 |
| | MP5694 | PG 607 | 41 | MOT | 100 | 80 | 2.5 | 60.000 | 120.000 | C | 110J | | .200 | G | 200UA | 2 | 36 | 25.000 |
| | MP5695 | PG 607 | 41 | MOT | 120 | 100 | 2.5 | 60.000 | 120.000 | C | 110J | | .200 | G | 200UA | 2 | 36 | 25.000 |
| | MP5696 | PG 607 | 41 | MOT | 140 | 120 | 2.5 | 60.000 | 120.000 | C | 110J | | .200 | G | 200UA | 2 | 36 | 25.000 |
| | MPM5006 | NS 41 | 92 | MOT | 40 | 40 | 4.0 | .100 | .310 | A | 135J | | 400.000 | G | 50NA | 20 | 48 | .004 |
| | MPS404 | PS 41 | 92 | MOT | 25 | 24 | 1.2 | .150 | .310 | A | 135J | | 40.000 | B | 100NA | 10 | 130 | .012 |
| | MPS404A | PS 41 | 92 | MOT | 40 | 35 | 2.5 | .150 | .310 | A | 135J | | 40.000 | B | 100NA | 10 | 75 | .012 |
| | MPS706 | NS 41 | 92 | MOT | 25 | 20R | 3.0 | | .310 | A | 135J | | 200.000 | G | 500NA | 15 | 35 | .010 |
| | MPS706A | NS 41 | 92 | MOT | 25 | 20R | 5.0 | | .310 | A | 135J | | 200.000 | G | 500NA | 15 | 35 | .010 |
| | MPS834 | NS 41 | 92 | MOT | 40 | 30S | 5.0 | | .310 | A | 135J | | 350.000 | G | 500NA | 20 | 37 | .010 |
| | MPS918 | NS 41 | 92 | MOT | 30 | 15 | 3.0 | .200 | .310 | A | 135J | | 600.000 | G | 10NA | 15 | 30 | .003 |
| | MPS2369 | NS 41 | 92 | MOT | 40 | 15 | 4.5 | .100 | .310 | A | 135J | | 500.000 | G | 400NA | 20 | 70 | .010 |
| | MPS2711 | NS 41 | 92 | MOT | 18 | 18 | 5.0 | .500 | .310 | A | 135J | | AUD | | 500NA | 18 | 70 | .002 |
| | MPS2712 | NS 41 | 92 | MOT | 18 | 18 | 5.0 | .100 | .310 | A | 135J | | AUD | | 500NA | 18 | 130 | .002 |
| | MPS2713 | NS 41 | 92 | MOT | 18 | 18 | 5.0 | .200 | .310 | A | 135J | | 125.000 | G | 500NA | 18 | 60 | .002 |
| | MPS2714 | NS 41 | 92 | MOT | 18 | 18 | 5.0 | .200 | .310 | A | 135J | | 125.000 | G | 500NA | 18 | 150 | .002 |
| | MPS2923 | NS 41 | 92 | MOT | 25 | 25 | 5.0 | .100 | .200 | A | 100J | | | | 500NA | 25 | 135 | .002 |
| | MPS2924 | NS 41 | 92 | MOT | 25 | 25 | 5.0 | .100 | .200 | A | 100J | | | | 500NA | 25 | 225 | .002 |
| | MPS2925 | NS 41 | 92 | MOT | 25 | 25 | 5.0 | .100 | .200 | A | 100J | | | | 500NA | 25 | 353 | .002 |
| | MPS2926-BRN | NS 41 | 92 | MOT | 18 | 18 | 5.0 | .100 | .310 | A | 135J | | 300.000 | G | 500NA | 18 | 36 | .002 |
| | MPS2926-GRN | NS 41 | 92 | MOT | 18 | 18 | 5.0 | .100 | .310 | A | 135J | | 300.000 | G | 500NA | 18 | 215 | .002 |
| | MPS2926-ORG | NS 41 | 92 | MOT | 18 | 18 | 5.0 | .100 | .310 | A | 135J | | 300.000 | G | 500NA | 18 | 115 | .002 |
| | MPS2926-RED | NS 41 | 92 | MOT | 18 | 18 | 5.0 | .100 | .310 | A | 135J | | 300.000 | G | 500NA | 18 | 62 | .002 |
| | MPS2926-YEL | NS 41 | 92 | MOT | 18 | 18 | 5.0 | .100 | .310 | A | 135J | | 300.000 | G | 500NA | 18 | 155 | .002 |
| | MPS3392 | NS 41 | 92 | MOT | 25 | 25 | 5.0 | .100 | .310 | A | 135J | | AUD | | 100NA | 18 | 275 | .002 |
| | MPS3393 | NS 41 | 92 | MOT | 25 | 25 | 5.0 | .100 | .310 | A | 135J | | AUD | | 100NA | 18 | 190 | .002 |
| | MPS3394 | NS 41 | 92 | MOT | 25 | 25 | 5.0 | .100 | .310 | A | 135J | | AUD | | 100NA | 18 | 130 | .002 |
| | MPS3395 | NS 41 | 92 | MOT | 25 | 25 | 5.0 | .100 | .310 | A | 135J | | AUD | | 100NA | 18 | 350 | .002 |
| | MPS3563 | NS 41 | 92 | MOT | 30 | 12 | 2.0 | | .310 | A | 135J | | 600.000 | G | 50NA | 15 | 70 | .008 |
| | MPS3638 | PS 41 | 92 | MOT | 25 | 25 | 4.0 | .500 | .310 | A | 135J | | 100.000 | G | 35NA | 15 | 60 | .050 |
| | MPS3638A | PS 41 | 92 | MOT | 25 | 25 | 4.0 | .500 | .310 | A | 135J | | 150.000 | G | 35NA | 15 | 200 | .050 |
| | MPS3639 | PS 41 | 92 | MOT | 6 | 6 | 4.0 | .080 | .200 | A | 125J | | 500.000 | G | 10NA | 3 | 60 | .050 |
| | MPS3640 | PS 41 | 92 | MOT | 12 | 12 | 4.0 | .080 | .310 | A | 135J | | 500.000 | G | 10NA | 6 | 60 | .010 |
| | MPS3646 | NS 41 | 92 | MOT | 40 | 15 | 5.0 | .200 | .200 | A | 125J | | 350.000 | G | 500NA | 20 | 60 | .030 |
| | MPS3693 | NS 41 | 92 | MOT | 45 | 45 | 4.0 | | .310 | A | 135J | | 200.000 | G | 50NA | 35 | 80 | .010 |
| | MPS3694 | NS 41 | 92 | MOT | 45 | 45 | 4.0 | | .310 | A | 135J | | 200.000 | G | 50NA | 35 | 200 | .010 |
| | MPS3702 | PS 41 | 92 | MOT | 40 | 25 | 5.0 | .200 | .310 | A | 135J | | 100.000 | G | 100NA | 20 | 130 | .050 |
| | MPS3703 | PS 41 | 92 | MOT | 50 | 30 | 5.0 | .200 | .310 | A | 135J | | 100.000 | G | 100NA | 20 | 68 | .050 |
| | MPS3704 | NS 41 | 92 | MOT | 50 | 30 | 5.0 | .600 | .310 | A | 135J | | 100.000 | G | 100NA | 20 | 180 | .050 |
| | MPS3705 | NS 41 | 92 | MOT | 50 | 30 | 5.0 | .600 | .310 | A | 135J | | 100.000 | G | 100NA | 20 | 88 | .050 |
| | MPS3706 | NS 41 | 92 | MOT | 40 | 20 | 5.0 | .600 | .310 | A | 135J | | 100.000 | G | 100NA | 20 | 180 | .050 |
| | MPS3707 | NS 41 | 92 | MOT | 30 | 30 | 6.0 | .030 | .310 | A | 135J | | AUD | | 100NA | 20 | 200 | .001 |
| | MPS3708 | NS 41 | 92 | MOT | 30 | 30 | 6.0 | .030 | .310 | A | 135J | | AUD | | 100NA | 20 | 210 | .001 |
| | MPS3709 | NS 41 | 92 | MOT | 30 | 30 | 6.0 | .030 | .310 | A | 135J | | AUD | | 100NA | 20 | 86 | .001 |
| | MPS3710 | NS 41 | 92 | MOT | 30 | 30 | 6.0 | .030 | .310 | A | 135J | | AUD | | 100NA | 20 | 172 | .001 |
| | MPS3711 | NS 41 | 92 | MOT | 30 | 30 | 6.0 | .030 | .310 | A | 135J | | AUD | | 100NA | 20 | 345 | .001 |
| | MPS3721 | NS 42 | 92 | MOT | 18 | 18 | 5.0 | .100 | .310 | A | 135J | | | | 15UA | 18 | 225 | |
| | MPS3826 | NS 41 | 92 | MOT | 60 | 45 | 4.0 | .030 | .310 | A | 135J | | 200.000 | G | 100NA | 30 | 80 | .010 |
| | MPS3827 | NS 41 | 92 | MOT | 60 | 45 | 4.0 | .030 | .310 | A | 135J | | 200.000 | G | 100NA | 30 | 200 | .010 |
| | MPS5172 | NS 41 | 92 | MOT | 25 | 25 | 5.0 | .100 | .210 | A | 135J | | 120.000 | G | 100NA | 25 | 225 | .010 |
| | MPS6507 | NS 41 | 92 | MOT | 30 | 20 | 3.0 | .100 | .310 | A | 135J | | 700.000 | G | 50NA | 15 | 50 | .002 |
| | MPS6511 | NS 41 | 92 | MOT | 30 | 20 | 3.0 | .100 | .310 | A | 135J | | 200.000 | G | 50NA | 15 | 50 | .010 |
| | MPS6512 | NS 41 | 92 | MOT | 40 | 30 | 4.0 | .100 | .310 | A | 135J | | 250.000 | G | 50NA | 30 | 70 | .002 |
| | MPS6513 | NS 41 | 92 | MOT | 40 | 30 | 4.0 | .100 | .310 | A | 135J | | 250.000 | G | 50NA | 30 | 130 | .002 |
| | MPS6514 | NS 41 | 92 | MOT | 40 | 25 | 4.0 | .100 | .310 | A | 135J | | 390.000 | G | 50NA | 30 | 270 | .002 |
| | MPS6515 | NS 41 | 92 | MOT | 40 | 25 | 4.0 | .100 | .310 | A | 135J | | 390.000 | G | 50NA | 30 | 370 | .002 |
| | MPS6516 | PS 41 | 92 | MOT | 40 | 40 | 4.0 | .100 | .310 | A | 135J | | 200.000 | G | 50NA | 30 | 75 | .002 |
| | MPS6517 | PS 41 | 92 | MOT | 40 | 40 | 4.0 | .100 | .310 | A | 135J | | 200.000 | G | 50NA | 30 | 135 | .002 |
| | MPS6518 | PS 41 | 92 | MOT | 40 | 40 | 4.0 | .100 | .310 | A | 135J | | 340.000 | G | 50NA | 30 | 225 | .002 |
| | MPS6519 | PS 41 | 92 | MOT | 25 | 25 | 4.0 | .100 | .310 | A | 135J | | 340.000 | G | 50NA | 20 | 375 | .002 |
| | MPS6520 | NS 41 | 92 | MOT | 40 | 25 | 4.0 | .100 | .310 | A | 135J | | 480.000 | G | 50NA | 30 | 300 | .002 |
| | MPS6521 | NS 41 | 92 | MOT | 40 | 25 | 4.0 | .100 | .310 | A | 135J | | 480.000 | G | 50NA | 30 | 450 | .002 |
| | MPS6522 | PS 41 | 92 | MOT | 25 | 25 | 4.0 | .100 | .310 | A | 135J | | 420.000 | G | 50NA | 20 | 300 | .002 |
| | MPS6523 | PS 41 | 92 | MOT | 25 | 25 | 4.0 | .100 | .310 | A | 135J | | 420.000 | G | 50NA | 20 | 450 | .002 |
| | MPS6530 | NS 41 | 92 | MOT | 60 | 40 | 5.0 | .600 | .310 | A | 135J | | 390.000 | G | 50NA | 40 | 85 | .100 |
| | MPS6531 | NS 41 | 92 | MOT | 60 | 40 | 5.0 | .600 | .310 | A | 135J | | 390.000 | G | 50NA | 40 | 150 | .100 |
| | MPS6532 | NS 41 | 92 | MOT | 50 | 30 | 5.0 | .600 | .310 | A | 135J | | 390.000 | G | 100NA | 30 | 45 | .100 |
| | MPS6533 | PS 41 | 92 | MOT | 40 | 40 | 4.0 | .600 | .310 | A | 135J | | 260.000 | G | 50NA | 30 | 85 | .100 |
| | MPS6534 | PS 41 | 92 | MOT | 40 | 40 | 4.0 | .600 | .310 | A | 135J | | 260.000 | G | 50NA | 30 | 100 | .100 |
| | MPS6535 | PS 41 | 92 | MOT | 30 | 30 | 4.0 | .600 | .310 | A | 135J | | 260.000 | G | 100NA | 20 | 45 | .100 |
| | MPS6539 | NS 42 | 92 | MOT | 20 | 20 | 3.0 | | .310 | A | 135J | | | | 50NA | 15 | 30 | .004 |
| | MPS6540 | NS 42 | 92 | MOT | 30 | 30 | 4.0 | | .310 | A | 135J | | 350.000 | G | 100NA | 25 | 38 | .002 |
| | MPS6542 | NS 42 | 92 | MOT | 30 | 20 | 3.0 | .100 | .310 | A | 135J | | 700.000 | G | 100NA | 25 | 38 | .002 |
| | MPS6543 | NS 42 | 92 | MOT | 35 | 25 | 3.0 | | .310 | A | 135J | | 750.000 | G | 100NA | 25 | 38 | .004 |
| | MPS6544 | NS 42 | 92 | MOT | 60 | 45 | 4.0 | | .310 | A | 135J | | VID AMP | | 500NA | 35 | 30 | .030 |
| | MPS6545 | NS 42 A | | MOT | | | 45 | 4.0 | | .310 | A | 135J | VID AMP | | 500NA | 35 | 30 | .030 |
| | MPS6546 | NS 42 | 92 | MOT | 35 | 35 | 3.0 | .050 | .310 | A | 135J | | 600.000 | G | 100NA | 25 | 30 | .002 |
| | MPS6547 | NS 42 | 92 | MOT | 35 | 35 | 3.0 | .050 | .310 | A | 135J | | 600.000 | G | 100NA | 25 | 30 | .002 |
| | MPS6548 | NS 42 | 92 | MOT | 30 | 25 | 3.0 | | .310 | A | 135J | | 650.000 | G | 100NA | 25 | 38 | .004 |
| | MPS6560 | NS 41 | 92 | MOT | 25 | 25 | 4.0 | .600 | .500 | A | 135J | | 60.000 | G | 100NA | 20 | 100 | .350 |
| | MPS6561 | NS 41 | 92 | MOT | 20 | 20 | 4.0 | .600 | .500 | A | 135J | | 60.000 | G | 100NA | 20 | 100 | .350 |
| | MPS6562 | PS 41 | 92 | MOT | 25 | 25 | 4.0 | .600 | .500 | A | 135J | | 60.000 | G | 100NA | 20 | 100 | .500 |
| | MPS6563 | PS 41 | 92 | MOT | 20 | 20 | 4.0 | .600 | .500 | A | 135J | | 60.000 | G | 100NA | 20 | 100 | .350 |
| | MPS6565 | NS 41 | 92 | MOT | 60 | 45 | 4.0 | .200 | .310 | A | 135J | | 200.000 | G | 100NA | 30 | 80 | .010 |
| | MPS6566 | NS 41 | 92 | MOT | 60 | 45 | 4.0 | .200 | .310 | A | 135J | | 200.000 | G | 100NA | 30 | 200 | .010 |
| | MPS6567 | NS 42 | 92 | MOT | | | 40 | 5.0 | | .310 | A | 135J | | | 500NA | 35 | 38 | .010 |
| | MPS6568 | NS 42 A | | MOT | 20 | 20 | 3.0 | | .310 | A | 135J | | 375.000 | G | 50NA | 10 | 70 | .004 |
| | MPS6568A | NS 42 | 92 | MOT | 20 | 20 | 3.0 | | .310 | A | 135J | | 375.000 | G | 50NA | 10 | 70 | .004 |
| | MPS6569 | NS 42 A | | MOT | 20 | 20 | 3.0 | | .310 | A | 135J | | 300.000 | G | 50NA | 10 | 70 | .004 |
| | MPS6570 | NS 42 A | | MOT | 20 | 20 | 3.0 | | .310 | A | 135J | | 300.000 | G | 50NA | 10 | 70 | .004 |
| | MPS6571 | NS 41 | 92 | MOT | 20 | 20 | 3.0 | .050 | .310 | A | 135J | | 50.000 | G | 50NA | 20 | 500 | .001 |
| | MPS6580 | PS 41 | 92 | MOT | 25 | 25 | 3.0 | | .310 | A | 135J | | 250.000 | G | 100NA | 20 | 30 | .002 |
| | MPS6590 | NS 41 | 92 | MOT | 100 | 80 | 4.0 | .250 | .310 | A | 135J | | 60.000 | G | 100NA | 50 | 60 | .010 |
| | MPS6591 | NS 41 | 92 | MOT | 60 | 50 | 4.0 | .250 | .310 | A | 135J | | 60.000 | G | 100NA | 30 | 60 | .010 |
| | MPSA05 | NS 41 | 92 | MOT | 60 | 60 | 4.0 | .500 | .500 | A | 135J | | 50.000 | G | 100NA | 60 | 88 | .100 |
| | MPSA06 | NS 41 | 92 | MOT | 80 | 80 | 4.0 | .500 | .500 | A | 135J | | 50.000 | G | 100NA | 60 | 88 | .100 |
| | MPSA09 | NS 41 | 92 | MOT | 50 | 50 | | .050 | .310 | A | 135J | | 30.000 | G | 100NA | 25 | 250 | .001 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) Cond. | | | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ $I_C$(A) | |
| | MPSA10-BLU | NS 41 | 92 | MOT | | 40 | 4.0 | .100 | .300 | A | 135J | 50.000 | G | 100NA | 30 | 195 | .005 |
| | MPSA10-GRN | NS 41 | 92 | MOT | | 40 | 4.0 | .100 | .300 | A | 135J | 50.000 | G | 100NA | 30 | 150 | .005 |
| | MPSA10-RED | NS 41 | 92 | MOT | | 40 | 4.0 | .100 | .300 | A | 135J | 50.000 | G | 100NA | 30 | 60 | .005 |
| | MPSA10-WHT | NS 41 | 92 | MOT | | 40 | 4.0 | .100 | .300 | A | 135J | 50.000 | G | 100NA | 30 | 120 | .005 |
| | MPSA10-YEL | NS 41 | 92 | MOT | | 40 | 4.0 | .100 | .300 | A | 135J | 50.000 | G | 100NA | 30 | 225 | .005 |
| | MPSA20-BLU | NS 41 | 92 | MOT | | 40 | 4.0 | .100 | .300 | A | 135J | 125.000 | G | 100NA | 30 | 195 | .005 |
| | MPSA20-GRN | NS 41 | 92 | MOT | | 40 | 4.0 | .100 | .300 | A | 135J | 125.000 | G | 100NA | 30 | 150 | .005 |
| | MPSA20-RED | NS 41 | 92 | MOT | | 40 | 4.0 | .100 | .300 | A | 135J | 125.000 | G | 100NA | 30 | 60 | .005 |
| | MPSA20-WHT | NS 41 | 92 | MOT | | 40 | 4.0 | .100 | .300 | A | 135J | 125.000 | G | 100NA | 30 | 120 | .005 |
| | MPSA20-YEL | NS 41 | 92 | MOT | | 40 | 4.0 | .100 | .300 | A | 135J | 125.000 | G | 100NA | 30 | 225 | .005 |
| | MPSA55 | PS 41 | 92 | MOT | 50 | 50 | 4.0 | .500 | .500 | A | 135J | 50.000 | G | 100NA | 50 | 88 | .100 |
| | MPSA56 | PS 41 | 92 | MOT | 80 | 80 | 4.0 | .500 | .500 | A | 135J | 50.000 | G | 100NA | 80 | 88 | .100 |
| | MPSA70-BLU | PS 41 | 92 | MOT | | 40 | 4.0 | .100 | .300 | A | 135J | 125.000 | G | 100NA | 30 | 195 | .005 |
| | MPSA70-GRN | PS 41 | 92 | MOT | | 40 | 4.0 | .100 | .300 | A | 135J | 125.000 | G | 100NA | 30 | 150 | .005 |
| | MPSA70-RED | PS 41 | 92 | MOT | | 40 | 4.0 | .100 | .300 | A | 135J | 125.000 | G | 100NA | 30 | 60 | .005 |
| | MPSA70-WHT | PS 41 | 92 | MOT | | 40 | 4.0 | .100 | .300 | A | 135J | 125.000 | G | 100NA | 30 | 120 | .005 |
| | MPSA70-YEL | PS 41 | 92 | MOT | | 40 | 4.0 | .100 | .300 | A | 135J | 125.000 | G | 100NA | 30 | 225 | .005 |
| | MPSH02 | NS 41 | 92 | MOT | 20 | 20 | 3.0 | | .500 | A | 135J | 375.000 | G | 50NA | 10 | 70 | .004 |
| | MPSH04 | NS 41 | 92 | MOT | | 80 | 4.0 | .100 | .300 | A | 135J | 80.000 | G | 50NA | 60 | 70 | .002 |
| | MPSH05 | NS 41 | 92 | MOT | | 80 | 4.0 | .100 | .300 | A | 135J | 80.000 | G | 50NA | 60 | 70 | .002 |
| | MPSH10 | NS 41 | 92 | MOT | 30 | 25 | 3.0 | | .310 | A | 135J | 650.000 | G | 100NA | 25 | 90 | .004 |
| | MPSH11 | NS 41 | 92 | MOT | 30 | 25 | 3.0 | | .310 | A | 135J | 650.000 | G | 100NA | 25 | 90 | .004 |
| | MPSH20 | NS 41 | 92 | MOT | 40 | 30 | 4.0 | .100 | .310 | A | 135J | 400.000 | G | 50NA | 15 | 38 | .004 |
| | MPSH30 | NS 41 | 92 | MOT | 20 | 20 | 3.0 | | .310 | A | 135J | 300.000 | G | 50NA | 10 | 70 | .004 |
| | MPSH31 | NS 41 | 92 | MOT | 20 | 20 | 3.0 | | .310 | A | 135J | 300.000 | G | 50NA | 10 | 70 | .004 |
| | MPSH32 | NS 41 | 92 | MOT | 40 | 30 | 4.0 | | .500 | A | 135J | 300.000 | G | 50NA | 10 | 35 | .004 |
| | MPSH37 | NS 41 | 92 | MOT | | 40 | 5.0 | | .310 | A | 135J | 300.000 | G | 500NA | 35 | 38 | .005 |
| | MPSL01 | NS 41 | 92 | MOT | 140 | 120 | 5.0 | .600 | .310 | A | 135J | 60.000 | G | 1UA | 75 | 110 | .010 |
| | MPSL07 | PS 41 | 92 | MOT | 6 | 6 | 4.5 | .080 | .310 | A | 135J | 500.000 | G | 10NA | 3 | 50 | .010 |
| | MPSL08 | PS 41 | 92 | MOT | 12 | 12 | 4.5 | .080 | .310 | A | 135J | 700.000 | G | 10NA | 6 | 50 | .010 |
| | MPSL51 | PS 41 | 92 | MOT | 100 | 100 | 4.0 | .600 | .310 | A | 135J | 60.000 | G | 1UA | 75 | 110 | .010 |
| | MPSU01 | NS 49 A | | MOT | | 30 | | 1.500 | 1.000 | A | 135J | 50.000 | G | 100NA | 30 | 115 | .150 |
| | MPSU02 | NS 49 A | | MOT | 60 | 40 | 5.0 | .800 | 1.000 | A | 135J | 150.000 | G | 100NA | 40 | 125 | .150 |
| | MPSU03 | NS 49 A | | MOT | 120 | 120 | 5.0 | 1.000 | 1.000 | A | 135J | 100.000 | G | 100NA | 100 | 60 | .010 |
| | MPSU04 | NS 49 A | | MOT | 180 | 180 | 5.0 | 1.000 | 1.000 | A | 135J | 100.000 | G | 100NA | 150 | 60 | .010 |
| | MPSU05 | NS 49 A | | MOT | 60 | 60 | 4.0 | 1.000 | 5.000 | C | 135J | 50.000 | G | 100NA | 40 | 92 | .250 |
| | MPSU06 | NS 49 A | | MOT | 80 | 80 | 4.0 | 1.000 | 5.000 | C | 135J | 50.000 | G | 100NA | 60 | 92 | .250 |
| | MPSU10 | NS 49 A | | MOT | 300 | 300 | 8.0 | 1.000 | 1.000 | A | 135J | 60.000 | G | 200NA | 200 | 60 | .030 |
| | MPSU51 | PS 49 A | | MOT | | 30 | | 1.500 | 1.000 | A | 135J | 50.000 | G | 100NA | 30 | 105 | .150 |
| | MPSU52 | PS 49 A | | MOT | 60 | 40 | 5.0 | 1.500 | 1.000 | A | 135J | 150.000 | G | 100NA | 40 | 125 | .150 |
| | MPSU55 | PS 49 A | | MOT | 60 | 60 | 4.0 | 1.000 | 5.000 | C | 135J | 50.000 | G | 100NA | 40 | 85 | .250 |
| | MPSU56 | PS 49 A | | MOT | 80 | 80 | 4.0 | 1.000 | 5.000 | C | 135J | 50.000 | G | 100NA | 60 | 85 | .250 |
| | MSA7505 | SEE RF POWER SECTION | | | | | | | | | | | | | | | |
| | MSA8503 | SEE RF POWER SECTION | | | | | | | | | | | | | | | |
| | MSA8505 | SEE RF POWER SECTION | | | | | | | | | | | | | | | |
| | MSA8506 | SEE RF POWER SECTION | | | | | | | | | | | | | | | |
| | MSA8507 | SEE RF POWER SECTION | | | | | | | | | | | | | | | |
| | MSA8508 | SEE RF POWER SECTION | | | | | | | | | | | | | | | |
| | MT1038 | NS 211 | 46 | FSC | 30 | 15 | 4.0 | .250 | .300 | A | 175J | 950.000 | G | 50NA | 10 | 40 | .010 |
| | MT1038A | NS 211 U | | FSC | 30 | 15 | 4.0 | .250 | .300 | A | 175J | 950.000 | G | 50NA | 10 | 40 | .010 |
| | MT1039 | NS 211 | 46 | FSC | 30 | 15 | 4.0 | .250 | .300 | A | 175J | 950.000 | G | 50NA | 10 | 40 | .010 |
| - | MT1039A | NS 211 U | | FSC | 30 | 15 | 4.0 | .250 | .300 | A | 175J | 1300.000 | G | 50NA | 10 | 40 | .010 |
| | MT1050 | NS 951 C | | FSC | 30 | 15 | 4.0 | .250 | .300 | A | 175J | 950.000 | G | 50NA | 10 | 40 | .010 |
| | MT1060 | NS 211 | 46 | FSC | 30 | 14 | 4.0 | .080 | .300 | A | 175J | 1000.000 | G | 500NA | 10 | 40 | .001 |
| | MT1060A | NS 211 | 46 | FSC | 30 | 14 | 4.0 | .080 | .300 | A | 175J | 1300.000 | G | 500NA | 10 | 70 | .001 |
| | MT1061 | NS 217 | 72 | FSC | 30 | 14 | 4.0 | .080 | .250 | A | 175J | 1000.000 | G | 500NA | 10 | 40 | .001 |
| | MT1061A | NS 217 | 72 | FSC | 30 | 14 | 4.0 | .080 | .250 | A | 175J | 1300.000 | G | 500NA | 10 | 70 | .001 |
| | MT1062 | NS 908 | 50 | FSC | 30 | 14 | 4.0 | .080 | .300 | A | 175J | 1300.000 | G | 50NA | 10 | 3 | |
| | MT1063 | NS 890 B | | FSC | 30 | 14 | 4.0 | .080 | .150 | A | 175J | 1300.000 | G | 500NA | 10 | 70 | .001 |
| | MT1070 | NS 951 C | | FSC | 30 | 14 | 4.0 | .080 | 1.000 | A | 175J | 1300.000 | G | 50NA | 10 | 45 | .005 |
| | MT1115 | NS 951 C | | FSC | 28 | 12 | 4.0 | .080 | .200 | A | 175J | 1500.000 | G | 10NA | 10 | 45 | .001 |
| | MT1116 | NS 951 C | | FSC | 28 | 12 | 4.0 | .080 | .200 | A | 175J | 1500.000 | G | 10NA | 10 | 45 | .001 |
| | MT3833 | NS 915 | 50 | FSC | 30 | 15 | 4.0 | .100 | .300 | A | 175J | 1000.000 | G | 20UA | 12 | 40 | .030 |
| | MT3834 | NS 915 | 50 | FSC | 30 | 15 | 4.0 | .100 | .300 | A | 175J | 1000.000 | G | 20UA | 12 | 40 | .030 |
| | MT5763 | SEE RF POWER SECTION | | | | | | | | | | | | | | | |
| | MT5764 | SEE RF POWER SECTION | | | | | | | | | | | | | | | |
| | MT5765 | SEE RF POWER SECTION | | | | | | | | | | | | | | | |
| | NA20 | | | SEM | | | | | | | | 1.000 | G | | | | |
| | NA30 | | | SEM | | | | | | | | .500 | G | | | | |
| | NKT121 | PG 210 | 5 | NKT | 20 | 20S | 6.0 | .500 | .075 | A | 75J | 15.000 | B | 5UA | 10 | 80 | |
| | NKT122 | PG 210 | 5 | NKT | 20 | 20S | 6.0 | .500 | .075 | A | 75J | 7.000 | B | 5UA | 10 | 80 | |
| | NKT123 | PG 210 | 5 | NKT | 20 | 20S | 6.0 | .500 | .075 | A | 75J | 3.000 | B | 5UA | 10 | 80 | |
| | NKT124 | PG 210 | 5 | NKT | 20 | 20S | 6.0 | .500 | .075 | A | 75J | 15.000 | B | 5UA | 10 | 120 | |
| | NKT125 | PG 210 | 5 | NKT | 20 | 20S | 6.0 | .500 | .075 | A | 75J | 7.000 | B | 5UA | 10 | 120 | |
| | NKT126 | PG 210 | 5 | NKT | 20 | 20S | 6.0 | .500 | .075 | A | 75J | 3.000 | B | 5UA | 10 | 120 | |
| | NKT127 | PG 210 | 5 | NKT | 20 | 20S | 6.0 | .500 | .075 | A | 75J | 15.000 | B | 5UA | 10 | 80 | |
| | NKT128 | PG 210 | 5 | NKT | 20 | 20S | 6.0 | .500 | .075 | A | 75J | 7.000 | B | 5UA | 10 | 80 | |
| | NKT129 | PG 210 | 5 | NKT | 20 | 20S | 6.0 | .500 | .075 | A | 75J | 3.000 | B | 5UA | 10 | 80 | |
| | NKT211 | PG 120 | 1 | NKT | 32 | 32R | 10.0 | .500 | .200 | A | 90J | .900 | B | 10UA | 10 | 100 | |
| | NKT213 | PG 120 | 1 | NKT | 32 | 32R | 10.0 | .125 | .200 | A | 90J | .900 | B | 10UA | 10 | 80 | |
| | NKT214 | PG 120 | 1 | NKT | 32 | 32R | 10.0 | .125 | .200 | A | 90J | .900 | B | 10UA | 10 | 50 | |
| | NKT215 | PG 120 | 1 | NKT | 32 | 32R | 10.0 | .125 | .200 | A | 90J | .900 | B | 10UA | 10 | 30 | |
| | NKT216 | PG 120 | 1 | NKT | 32 | 32R | 10.0 | .125 | .200 | A | 90J | .900 | B | 10UA | 10 | 80 | |
| | NKT217 | PG 120 | 1 | NKT | 60 | 60R | 10.0 | .125 | .200 | A | 90J | .900 | B | 10UA | 10 | 100 | |
| | NKT218 | PG 120 | 1 | NKT | 32 | 32R | 10.0 | .500 | .200 | A | 90J | .900 | B | 10UA | 10 | 160 | |
| | NKT221 | PG 211 | 39 | NKT | 30 | 30S | 10.0 | .500 | .300 | A | 85J | .750 | B | 10UA | 5 | 60 | |
| | NKT222 | PG 211 | 39 | NKT | 30 | 30S | 10.0 | .125 | .180 | A | 75J | .750 | B | 10UA | 5 | 120 | |
| | NKT223 | PG 211 | 39 | NKT | 30 | 30S | 10.0 | .125 | .180 | A | 75J | .750 | B | 10UA | 5 | 120 | |
| | NKT224 | PG 211 | 39 | NKT | 30 | 30S | 10.0 | .125 | .180 | A | 75J | .750 | B | 10UA | 5 | 60 | |
| | NKT225 | PG 211 | 39 | NKT | 30 | 30S | 10.0 | .125 | .180 | A | 75J | .750 | B | 10UA | 5 | 30 | |
| | NKT226 | PG 211 | 39 | NKT | 30 | 30S | 10.0 | .125 | .180 | A | 75J | .750 | B | 10UA | 5 | 100 | |
| | NKT227 | PG 211 | 39 | NKT | 60 | 60S | 10.0 | .125 | .180 | A | 75J | .750 | B | 10UA | 5 | 120 | |
| | NKT228 | PG 211 | 39 | NKT | 30 | 30S | 10.0 | .500 | .300 | A | 85J | .750 | B | 10UA | 5 | 60 | |
| | NKT231 | PG 211 | 39 | NKT | 15 | 15S | 10.0 | .500 | .300 | A | 85J | .750 | B | 25UA | 15 | 110 | |
| | NKT232 | PG 211 | 39 | NKT | 15 | 15S | 10.0 | .500 | .300 | A | 85J | .750 | B | 25UA | 15 | 150 | |
| | NKT301 | PG 171 | 8 | NKT | 60 | 40 | 15.0 | 2.000 | .750 | A | 85C | .500 | B | 50UA | 2 | 100 | |
| | NKT302 | PG 171 | 8 | NKT | 60 | 40 | 15.0 | 2.000 | .750 | A | 85C | .500 | B | 50UA | 2 | 130 | |
| | NKT303 | PG 171 | 8 | NKT | 30 | 20 | 15.0 | 2.000 | 7.000 | C | 85C | .500 | B | 50UA | 2 | 100 | |
| | NKT304 | PG 171 | 8 | NKT | 30 | 20 | 15.0 | 2.000 | .750 | A | 85C | .500 | B | 50UA | 2 | 130 | |
| | NKT401 | PG 605 | 3 | NKT | 80 | 30 | 20.0 | 8.000 | 12.000 | C | 85C | .010 | E | 100UA | 2 | 50 | |
| | NKT402 | PG 605 | 3 | NKT | 60 | 20 | 20.0 | 8.000 | 12.000 | C | 85C | .010 | E | 100UA | 2 | 100 | |
| | NKT403 | PG 605 | 3 | NKT | 80 | 30 | 20.0 | 8.000 | 12.000 | C | 85C | .010 | E | 100UA | 2 | 100 | |
| | NKT404 | PG 605 | 3 | NKT | 60 | 20 | 20.0 | 8.000 | 12.000 | C | 85C | .010 | E | 100UA | 2 | 100 | |
| | NKT405 | PG 605 | 3 | NKT | 60 | 45R | 20.0 | 6.000 | 12.000 | C | 85C | .009 | E | 100UA | 2 | 120 | |
| | NKT451 | PG 605 | 3 | NKT | 36 | 36R | 10.0 | 2.000 | 13.000 | C | 85C | AUD | | 100UA | 2 | 100 | |
| | NKT452 | PG 605 | 3 | NKT | 36 | 36R | 10.0 | 2.000 | 13.000 | C | 85C | AUD | | 100UA | 2 | 60 | |
| | NKT453 | PG 605 | 3 | NKT | 36 | 36R | 10.0 | 2.000 | 13.000 | C | 85C | AUD | | 100UA | 2 | 30 | |
| | NKT713 | NG 120 | 1 | NKT | 25 | 25R | 15.0 | .200 | .150 | A | 80J | 1.000 | B | 50UA | 25 | 100 | |
| | NKT773 | NG 120 | 1 | NKT | 15 | 15R | 5.0 | .300 | .150 | A | 85J | AUD | | 15UA | 10 | 50 | |
| | NO400 | | | SEM | | | | | | | | 5.000 | G | | | | |
| | NP5404 | PS 41 | 92 | SPR | 25 | 24 | 12.0 | .150 | .360 | A | 150J | | | 100NA | 10 | 80 | .012 |
| | NP5404A | PS 41 | 92 | SPR | 40 | 35 | 25.0 | .150 | .360 | A | 150J | | | 100NA | 10 | 80 | .012 |
| | NP56512 | NS 41 | 92 | SPR | 40 | 30 | 4.0 | .100 | .360 | A | 150J | 390.000 | G | 50NA | 30 | 75 | .002 |
| | NP56513 | NS 41 | 92 | SPR | 40 | 30 | 4.0 | .100 | .360 | A | 150J | 390.000 | | 50NA | 30 | 135 | .002 |
| | NP56514 | NS 41 | 92 | SPR | 40 | 25 | 4.0 | .100 | .360 | A | 150J | 390.000 | | 50NA | 30 | 225 | .002 |
| | NP56515 | NS 41 | 92 | SPR | 40 | 25 | 4.0 | .100 | .360 | A | 150J | 390.000 | | 50NA | 30 | 375 | .002 |
| | NP56516 | PS 41 | 92 | SPR | 40 | 40 | 4.0 | .100 | .360 | A | 150J | 200.000 | G | 50NA | 30 | 75 | .002 |
| | NP56517 | PS 41 | 92 | SPR | 40 | 40 | 4.0 | .100 | .360 | A | 150J | 200.000 | G | 50NA | 30 | 135 | .002 |
| | NP56518 | PS 41 | 92 | SPR | 40 | 40 | 4.0 | .100 | .360 | A | 150J | 340.000 | G | 50NA | 30 | 225 | .002 |
| | NP56519 | PS 41 | 92 | SPR | 25 | 25 | 4.0 | .100 | .360 | A | 150J | 340.000 | G | 50NA | 30 | 375 | .002 |
| | NP56520 | NS 41 | 92 | SPR | 40 | 25 | 4.0 | .100 | .360 | A | 150J | 480.000 | | 50NA | 30 | 300 | .002 |
| | NP56521 | NS 41 | 92 | SPR | 40 | 25 | 4.0 | .100 | .360 | A | 150J | 480.000 | | 50NA | 30 | 450 | .002 |
| | NP56522 | PS 41 | 92 | SPR | 25 | 25 | 4.0 | .100 | .360 | A | 150J | 420.000 | | 50NA | 20 | 300 | .002 |
| | NP56523 | PS 41 | 92 | SPR | 25 | 25 | 4.0 | .100 | .360 | A | 150J | 420.000 | | 50NA | 20 | 450 | .002 |
| | NR5 | | | SEM | | | | | | | | 10.000 | G | | | | |
| | NR10 | | | SEM | | | | | | | | 20.000 | G | | | | |
| | NR700 | | | SEM | | | | | | | | 400.000 | G | | | | |
| - | NS381 | NS 210 | 18 | NSC | 25 | 20 | 5.0 | | .300 | A | | 400.000 | G | | | 40 | |
| - | NS475 | NS 210 | 46 | NSC | 30 | 30 | 6.0 | .100 | .400 | A | 200J | 80.000 | B | 200NA | 30 | 36 | |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. / Temp. (°C) / Cond. | | | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ $I_C$(A) | |
| - | NS476 | NS 210 | 46 | NSC | 30 | 30 | 6.0 | .100 | .400 | A 200J | 80.000 | B | 200NA | 30 | 70 | |
| - | NS477 | NS 210 | 46 | NSC | 30 | 30 | 6.0 | .100 | .400 | A 200J | 80.000 | B | 200NA | 30 | 180 | |
| - | NS478 | NS 210 | 46 | NSC | 60 | 60 | 8.0 | .100 | .400 | A 200J | 80.000 | B | 200NA | 60 | 36 | |
| - | NS479 | NS 210 | 46 | NSC | 60 | 60 | 8.0 | .100 | .400 | A 200J | 8.000 | B | 200NA | 60 | 7 | |
| - | NS480 | NS 210 | 46 | NSC | 60 | 60 | 8.0 | .100 | .400 | A 200J | 8.000 | B | 200NA | 60 | 180 | |
| - | NS731 | NS 210 | 18 | NSC | 15 | 15 | 4.0 | | .400 | A 175J | 80.000 | B | | | 36 | |
| - | NS732 | NS 210 | 18 | NSC | 15 | 15 | 4.0 | | .400 | A 175J | 80.000 | B | | | 80 | |
| - | NS733 | NS 210 | 18 | NSC | 30 | 30 | 4.0 | | .400 | A 175J | 80.000 | B | | | 36 | |
| - | NS734 | NS 210 | 18 | NSC | 30 | 30 | 4.0 | | .400 | A 175J | 80.000 | B | | | 80 | |
| - | NS792 | NS 210 | 5 | NSC | 60 | 60 | 5.0 | 1.000 | 8.000 | C 200J | 150.000 | G | | | 40 | |
| - | NS793 | NS 210 | 5 | NSC | 60 | 60 | 5.0 | 1.000 | 8.000 | C 200J | 150.000 | G | | | 80 | |
| - | OC16 | PG 498 A | | MUL,PHN | 32 | 16 | 10.0 | 3.000 | 50.000 | C 75J | .200 | B | 1MA | 14 | 36 | |
| | OC22 | PG 605 | 3 | MUL,PHN,RAD | 47 | 32 | 15.0 | 1.000 | 16.000 | C 75J | 2.500 | B | | | 100 | |
| | OC23 | PG 605 | 3 | MUL,PHN,RAD | 55 | 40 | 15.0 | 1.000 | 16.000 | C 75J | 2.500 | B | | | 100 | |
| | OC24 | PG 605 | 3 | MUL,PHN,RAD | 47 | 40 | 15.0 | 1.000 | 16.000 | C 75J | 2.500 | B | | | 100 | |
| | OC26 | | | SEE 2N1314 | | | | | | | | | | | | |
| | OC27 | PG 605 | 3 | PHN | 32 | 16 | 10.0 | 3.500 | 54.000 | C 90J | .004 | E | 20MA | 14 | 70 | |
| | OC28 | | | SEE 2N1666 | | | | | | | | | | | | |
| | OC29 | | | SEE 2N1667 | | | | | | | | | | | | |
| | OC30 | PG 605 A | | RAD | 32 | 32 | 10.0 | 1.400 | 6.500 | C 75J | .150 | B | | | 33 | |
| | OC35 | | | SEE 2N1668 | | | | | | | | | | | | |
| | OC36 | | | SEE 2N1669 | | | | | | | | | | | | |
| | OC44 | PG 55 A | | AMP,MUL,PHN | 15 | 5 | 12.0 | .005 | .080 | A 75J | 7.500 | B | 10UA | 15 | 100 | |
| | OC45 | PG 55 A | | AMP,MUL,PHN | 15 | 5 | 12.0 | .005 | .080 | A 75J | 3.000 | B | 10UA | 15 | 70 | |
| | OC46 | PG 55 A | | PHN,RAD | 20 | 20 | 15.0 | .125 | .083 | A 75J | 3.000 | B | | | 40 | |
| | OC47 | PG 55 A | | RAD | 20 | 20 | 15.0 | .125 | .083 | A 75J | 4.500 | B | | | 100 | |
| | OC57 | PG 105 B | | RAD | 7 | 7 | 7.0 | .010 | .020 | A 55J | 2.000 | B | | | 35 | |
| | OC58 | PG 105 B | | RAD,AMP | 7 | 7 | 7.0 | .010 | .020 | A 55J | 2.000 | B | 3UA | 2 | 55 | |
| | OC59 | PG 105 B | | AMP,PHN,RAD | 7 | 7 | 7.0 | .010 | .020 | A 55J | 2.000 | B | 3UA | 2 | 80 | |
| | OC60 | PG 105 B | | AMP,PHN,RAD | 7 | 7 | 7.0 | .010 | .020 | A 55J | 2.000 | B | 3UA | 2 | 60 | |
| | OC65 | PG 5 B | | MUL,PHN | 10 | 10 | 10.0 | .010 | .060 | A 65J | .015 | E | 12UA | 4 | 30 | |
| | OC66 | PG 5 B | | MUL,PHN | 10 | 10 | 10.0 | .010 | .060 | A 65J | .010 | E | 12UA | 4 | 50 | |
| | OC70 | PG 55 A | | MUL,PHN | 30 | 10 | 10.0 | .010 | .125 | A 75J | .200 | B | 13UA | 4 | 30 | |
| | OC71 | PG 55 A | | MUL,PHN,RAD,TAD | 30 | 30 | | .050 | .125 | A 75J | 1.000 | B | | | 50 | |
| | OC71N | PG 120 | 1 | AMP | 30 | 30R | | .010 | .110 | A 75J | .010 | E | | | 60 | |
| | OC72 | PG 60 A | | MUL,PHN,RAD,TAD | 32 | 32 | | .250 | .165 | A 75J | .900 | B | | | 70 | |
| | OC73 | PG 55 A | | MUL,PHN | 32 | 30 | 30.0 | .010 | .125 | A 75J | .500 | B | 19UA | 30 | 46 | |
| | OC74 | PG 60 A | | RAD,TAD,AMP | 20 | 20 | | .550 | .300 | A 75J | 1.500 | B | | | 65 | .050 |
| | OC75 | PG 55 A | | MUL,PHN,RAD | 30 | 30 | | .050 | .125 | A 75J | 1.000 | B | | | 90 | |
| | OC75N | PG 120 | 1 | AMP | 30 | 30R | | .010 | .110 | A 75J | .008 | E | | | 120 | |
| | OC76 | PG 60 A | | MUL,PHN,RAD | 32 | 32 | 10.0 | .125 | .180 | A 75J | .350 | B | | | 90 | |
| | OC77 | PG 60 A | | MUL,PHN,RAD | 60 | 60 | 10.0 | .125 | .180 | A 75J | .350 | B | | | 90 | |
| | OC79 | PG 60 A | | RAD | 26 | 26 | | .300 | .550 | A 75J | 1.000 | B | | | 45 | |
| | OC80 | PG 60 A | | PHN,RAD | 32 | 32 | 20.0 | .300 | .350 | A 75J | 2.000 | B | | | 180 | |
| | OC139 | NG 55 A | | MUL,PHN,RAD | 20 | 20 | 20.0 | .250 | .140 | A 75J | 6.000 | B | | | 40 | |
| | OC140 | NG 55 A | | MUL,PHN,RAD | 20 | 20 | 20.0 | .400 | .140 | A 75J | 12.000 | B | | | 75 | |
| | OC141 | NG 55 A | | MUL,PHN,RAD | 20 | 20 | 20.0 | .400 | .140 | A 75J | 20.000 | B | | | 150 | |
| | OC170 | PG 75 | 7 | MUL,PHN | 20 | | .5 | .010 | .100 | A 75J | 40.000 | B | 2UA | 6 | 80 | |
| | OC602 | PG 55 D | | TFK | 22 | 12 | 10.0 | .050 | .125 | A 75J | .025 | E | 5UA | 6 | 40 | |
| - | OC602-SPEZ | PG 55 F | | TFK | 40 | 15 | 10.0 | .500 | .175 | C 75J | | | 7UA | 6 | 32 | |
| | OC603 | PG 55 F | | TFK | 20 | 12 | 10.0 | | .125 | A 75J | 1.000 | G | 10UA | 6 | 50 | |
| | OC604 | | | SEE AC122 | | | | | | | | | | | | |
| - | OC604-SPEZ | PG 55 F | | TFK | 40 | 15 | 10.0 | .500 | .175 | C 75J | | | 6UA | 6 | 50 | |
| | OC613 | | | SEE AF101 | | | | | | | | | | | | |
| | OC614 | PG 55 D | | TFK | 25 | 12 | .8 | | .030 | A 75J | 28.000 | G | 2UA | 6 | 120 | |
| | OC615 | PG 55 D | | TFK | 25 | 12 | .8 | | .030 | A 75J | 50.000 | G | 3UA | 6 | 160 | |
| | OD603 | PG 698 A | | TFK | 40 | 30 | 10.0 | 3.000 | 4.000 | C 75J | .009 | E | 10UA | 6 | 34 | |
| | OD603/50 | PG 698 A | | TFK | 60 | 50 | 30.0 | 1.000 | 4.000 | C 75J | .009 | E | 10UA | 6 | 30 | |
| | PADT50 | PG 605 | 3 | AMP | 70 | | 1.5 | .700 | 12.500 | C 75J | 60.000 | G | 600UA | 60 | 80 | |
| | PAR12 | | | SEM | | | | | | | .200 | G | | | | |
| | PBC107A | NS 45 | 98 | SES | 45 | 45 | 5.0 | .100 | .200 | A 100J | 150.000 | G | 100NA | 45 | 180 | .002 |
| | PBC107B | NS 45 | 98 | SES | 45 | 45 | 5.0 | .100 | .200 | A 100J | 150.000 | G | 100NA | 45 | 290 | .002 |
| | PBC108A | NS 45 | 98 | SES | 20 | 20 | 5.0 | .100 | .200 | A 100J | 150.000 | G | 100NA | 20 | 180 | .002 |
| | PBC108B | NS 45 | 98 | SES | 20 | 20 | 5.0 | .100 | .200 | A 100J | 150.000 | G | 100NA | 20 | 290 | .002 |
| | PBC108C | NS 45 | 98 | SES | 20 | 20 | 5.0 | .100 | .200 | A 100J | 150.000 | G | 100NA | 20 | 520 | .002 |
| | PBC109B | NS 45 | 98 | SES | 20 | 20 | 5.0 | .100 | .200 | A 100J | 150.000 | G | 100NA | 20 | 290 | .002 |
| | PBC109C | NS 45 | 98 | SES | 20 | 20 | 5.0 | .100 | .200 | A 100J | 150.000 | G | 100NA | 20 | 520 | .002 |
| - | PEP9 | NS 211 | 18 | AEI | 40 | 20 | 5.0 | .100 | .300 | A 175J | 200.000 | G | 50NA | 20 | 70 | .010 |
| - | PEP95 | NS 211 | 18 | AEI | 25 | 15 | 5.0 | .200 | .300 | A 175J | 100.000 | G | 50NA | 16 | 100 | .010 |
| | PET1001 | NS 170 | 06 | PHF | 45 | 45 | 4.0 | .150 | .360 | A 125J | 200.000 | G | 500NA | 30 | 80 | .010 |
| | PET1002 | NS 170 | 06 | PHF | 45 | 45 | 4.0 | .150 | .360 | A 125J | 200.000 | G | 500NA | 30 | 200 | .010 |
| | PET1075 | NS 170 | 06 | PHF | 90 | 70 | 6.0 | .150 | .360 | A 125J | 60.000 | G | 1UA | 70 | 160 | .001 |
| | PET1075A | NS 170 | 06 | PHF | 140 | 90 | 6.0 | .150 | .360 | A 125J | 60.000 | G | 1UA | 90 | 160 | .001 |
| | PET2001 | NS 170 | 06 | PHF | 35 | 20 | 4.0 | .150 | .360 | A 125J | 200.000 | G | 50NA | 30 | 80 | .010 |
| | PET2002 | NS 170 | 06 | PHF | 35 | 20 | 4.0 | .150 | .360 | A 125J | 200.000 | G | 50NA | 30 | 200 | .010 |
| | PET3001 | NS 170 | 06 | PHF | 30 | 12 | 4.0 | .100 | .250 | A 125J | 600.000 | G | 1UA | 20 | 45 | .010 |
| | PET3002 | NS 170 | 06 | PHF | 30 | 12 | 4.0 | .100 | .250 | A 125J | 600.000 | G | 1UA | 20 | 120 | .010 |
| | PET3704 | NS 170 | 06 | PHF | 50 | 30 | 5.0 | .800 | .360 | A 125J | 100.000 | G | 100NA | 20 | 175 | .050 |
| | PET3705 | NS 170 | 06 | PHF | 50 | 30 | 5.0 | .800 | .360 | A 125J | 100.000 | G | 100NA | 20 | 88 | .050 |
| | PET3706 | NS 170 | 06 | PHF | 40 | 20 | 5.0 | .800 | .360 | A 125J | 100.000 | G | 100NA | 20 | 180 | .050 |
| | PET4001 | NS 170 | 06 | PHF | 30 | 25 | 8.0 | .100 | .360 | A 125J | 60.000 | G | 10NA | 25 | 135 | .001 |
| | PET4002 | NS 170 | 06 | PHF | 30 | 25 | 8.0 | .100 | .360 | A 125J | 60.000 | G | 10NA | 25 | 350 | .001 |
| | PET4003 | NS 170 | 06 | PHF | 30 | 25 | 8.0 | .100 | .360 | A 125J | 60.000 | G | 10NA | 25 | 525 | .001 |
| | PET6001 | NS 170 | 06 | PHF | 40 | 30 | 5.0 | .750 | .360 | A 125J | 40.000 | G | 50NA | 15 | 75 | .050 |
| | PET6002 | NS 170 | 06 | PHF | 40 | 30 | 5.0 | .750 | .360 | A 125J | 45.000 | G | 50NA | 15 | 130 | .150 |
| | PET8000 | NS 170 | 06 | PHF | 50 | 35 | 8.0 | .800 | .360 | A 125J | 40.000 | G | 10NA | 25 | 130 | .001 |
| | PET8001 | NS 170 | 06 | PHF | 50 | 35 | 8.0 | .800 | .360 | A 125J | 40.000 | G | 10NA | 25 | 262 | .001 |
| | PET8002 | NS 170 | 06 | PHF | 50 | 35 | 8.0 | .800 | .360 | A 125J | 40.000 | G | 10NA | 25 | 375 | .001 |
| | PET8003 | NS 170 | 06 | PHF | 50 | 35 | 8.0 | .800 | .360 | A 125J | 40.000 | G | 10NA | 25 | 262 | .001 |
| | PET8004 | NS 170 | 06 | PHF | 50 | 35 | 8.0 | .800 | .360 | A 125J | 40.000 | G | 10NA | 25 | 375 | .001 |
| | PET8101 | NS 170 | 06 | PHF | 18 | 12 | 4.0 | .100 | .250 | A 125J | 800.000 | G | 50NA | 12 | 45 | .005 |
| | PN26 | NS 605 | 66 | SEM | 50 | 40 | 5.0 | 2.000 | 90.000 | C | 1.000 | G | | | 30 | |
| | PN66 | NS 605 | 66 | SEM | 300 | 200 | 5.0 | 3.000 | 90.000 | C | 1.000 | G | | | 30 | |
| | PN350 | NS 605 | 3 | SEM | 100 | 80 | 7.0 | 10.000 | 150.000 | C | 1.000 | G | | | 30 | |
| - | PT2A | PG 146 C | | CBS | 40 | | 40.0 | .010 | .100 | A 55A | 2.000 | B | | | 3 | |
| - | PT2S | PG 146 C | | CBS | 40 | | 40.0 | .010 | .100 | A 55A | | | | | 4 | |
| | PT6 | PG 605 | 3 | SEM | 30 | 12 | 10.0 | 3.000 | 90.000 | C | .200 | G | | | 40 | |
| | PT12 | PG 605 | 3 | SEM | 30 | 12 | 12.0 | 3.000 | 90.000 | C | .200 | G | | | 40 | |
| | PT25 | PG 605 | 3 | SEM | 40 | 25 | 20.0 | 5.000 | 90.000 | C | .200 | G | | | 60 | |
| | PT32 | PG 605 | 66 | SEM | 45 | 25 | 12.0 | 2.000 | 6.000 | C | .200 | G | | | 60 | |
| | PT40 | PG 605 | 3 | SEM | 80 | 40 | 20.0 | 5.000 | 90.000 | C | .200 | G | | | 90 | |
| | PT50 | PG 605 | 3 | SEM | 100 | 60 | 20.0 | 7.000 | 90.000 | C | .200 | G | | | 50 | |
| | PT150 | PG 605 | 3 | SEM | 100 | 60 | 20.0 | 15.000 | 150.000 | C | .200 | G | | | 40 | |
| | PT201 | PG 405 | 36 | SEM | 40 | 25 | 12.0 | 15.000 | 150.000 | C | .200 | G | | | 25 | |
| | PT250 | PG 607 | 41 | SEM | 100 | 50 | 20.0 | 25.000 | 150.000 | C | .200 | G | | | 40 | |
| | PT501 | PG 405 | 36 | SEM | 60 | 30 | 20.0 | 15.000 | 150.000 | C | .200 | G | | | 40 | |
| | PT515 | PG 405 | 36 | SEM | 100 | 60 | 40.0 | 30.000 | 170.000 | C | .200 | G | | | 50 | |
| | PT530 | | | SEE 2N1709 | | | | | | | | | | | | |
| | PT530A | | | SEE 2N2783 | | | | | | | | | | | | |
| | PT531 | | | SEE 2N2874 | | | | | | | | | | | | |
| | PT600 | NS 171 | 8 | TRW | 60 | 45R | 4.0 | | 13.000 | C | 150.000 | G | 1MA | 12 | 26 | 1.000 |
| | PT601 | NS 171 | 8 | TRW | 60 | 45R | 4.0 | | 13.000 | C | 180.000 | G | 1MA | 12 | 52 | 1.000 |
| | PT612 | NS 170 | 8 | TRW | 75 | 60R | 5.0 | .350 | 2.000 | A 175J | 60.000 | G | 500UA | 28 | 26 | .350 |
| | PT613 | | | SEE 2N2782 | | | | | | | | | | | | |
| | PT665 | NS 561 | 61 | TRW | 75 | 60R | 4.0 | .350 | 20.000 | C | 15.000 | G | 10UA | 28 | 26 | .350 |
| | PT665A | NS 561 | 61 | TRW | 100 | 90R | 5.0 | .350 | 20.000 | C | 15.000 | G | 10UA | 28 | 26 | .350 |
| | PT692 | | | SEE 2N2781 | | | | | | | | | | | | |
| | PT703 | NS 211 | 18 | TRW | 25 | 25R | 5.0 | .020 | .360 | A 175J | | | 5UA | 15 | | |
| | PT720 | NS 211 | 18 | TRW | 25 | 15 | 5.0 | .200 | .360 | A 200J | 250.000 | G | 500NA | 15 | 80 | .001 |
| | PT886 | NS 211 | 5 | TRW | 22 | 25R | 5.0 | | .600 | A 175J | | | 300UA | 10 | | |
| | PT887 | NS 211 | 5 | TRW | 45 | 50R | 5.0 | | .600 | A 175J | | | 300UA | 10 | | |
| | PT888 | NS 211 | 5 | TRW | 45 | 50R | 5.0 | | .600 | A 175J | | | 300UA | 10 | | |
| | PT896 | NS 211 | 5 | TRW | 45 | 50R | 5.0 | | 1.600 | C | | | 300UA | 10 | | |
| | PT897 | NS 211 | 5 | TRW | 45 | 50R | 5.0 | | .600 | A 175J | | | 300UA | 10 | | |
| | PT898 | NS 211 | 5 | TRW | 45 | 50R | 5.0 | | 1.600 | C | | | 300UA | 10 | | |
| | PT1515 | NS 211 | 5 | TRW | 80 | 80R | 4.0 | .110 | 3.000 | C | 500.000 | G | 10UA | 28 | 40 | .100 |
| | PT1544 | NS 211 | 5 | TRW | | 50R | 4.0 | | .800 | A 175J | | | 100UA | 15 | | |
| | PT1545 | NS 211 | 5 | TRW | | 50R | 4.0 | | .800 | A 175J | | | 100UA | 15 | | |
| | PT1558 | NS 211 | 5 | TRW | 80 | 45 | 5.0 | .110 | .800 | A 200J | 140.000 | G | 50NA | 28 | 36 | .100 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) Cond. | | | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ $I_C$(A) | |
| | PT1937 | NS 414 | 81 | TRW | 140 | 50 | 4.0 | 7.000 | 100.000 | C | 150J | 40.000 | G | 50MA | 140 | 30 | 7.000 |
| | PT1941 | NS 560 | 61 | TRW | 140 | 130R | 4.0 | 7.000 | 90.000 | C | 150J | 40.000 | G | 50MA | 140 | 30 | 7.000 |
| | PT1949 | NS 911 A | | TRW | 140 | 100R | 5.0 | | 50.000 | C | | | | 10MA | 60 | 18 | 10.000 |
| | PT1963 | NS 560 | 61 | TRW | 140 | 100R | 5.0 | | 50.000 | C | | | | 10MA | 60 | 18 | 10.000 |
| | PT2523 | NS 211 | 5 | TRW | 180 | 130 | 5.0 | | 5.000 | C | | 50.000 | G | 10NA | 120 | 40 | .010 |
| | PT2524 | NS 211 | 5 | TRW | 200 | 160 | 5.0 | | 5.000 | C | | 50.000 | G | 10NA | 120 | 40 | .010 |
| | PT2525 | NS 211 | 5 | TRW | 220 | 170 | 5.0 | | 5.000 | C | | 50.000 | G | 10NA | 120 | 40 | .010 |
| | PT2540 | NS 211 | 5 | TRW | 60 | 32 | 4.0 | | .850 | A | 200J | 200.000 | G | 10UA | 10 | 30 | .150 |
| | PT2610 | NS 211 | 5 | TRW | 100 | 60 | 4.0 | .200 | 13.000 | C | | 125.000 | G | 100UA | 28 | 46 | .350 |
| | PT2620 | NS 211 | 5 | TRW | 85 | 45 | 4.0 | .170 | 10.000 | C | | 125.000 | G | 100UA | 28 | 56 | .350 |
| | PT2620A | NS 210 | 5 | TRW | 85 | 45 | 4.0 | .170 | 10.000 | C | | 125.000 | G | 100UA | 28 | 56 | .350 |
| | PT2630 | NS 211 | 5 | TRW | 100 | 60 | 4.0 | .250 | 13.000 | C | | 50.000 | G | 100UA | 28 | 46 | .350 |
| | PT2635 | NS 561 | 61 | TRW | 100 | 60 | 4.0 | | 25.000 | C | | | | 1UA | 28 | 30 | .350 |
| | PT2640 | NS 211 | 5 | TRW | 85 | 45 | 4.0 | .225 | 10.000 | C | | 50.000 | G | 50UA | 28 | 56 | .350 |
| | PT2660 | NS 211 | 5 | TRW | 70 | 50 | 4.0 | .230 | 10.000 | C | | 75.000 | G | 1UA | 24 | 76 | .100 |
| | PT2670 | NS 211 | 5 | TRW | 100 | 60 | 4.0 | | 13.000 | C | | | | 500NA | 15 | 44 | .350 |
| | PT2760 | NS 210 | 18 | TRW | 35 | 20 | 4.0 | .200 | .360 | A | 200J | 250.000 | G | 100NA | 15 | 65 | .001 |
| | PT4800 | NS 211 | 5 | TRW | 55 | 25 | 4.0 | .150 | 5.000 | C | | 35.000 | G | 50NA | 12 | 60 | .150 |
| | PT4816 | NS 211 | 5 | TRW | 60 | 30 | 4.0 | .066 | 3.000 | C | | 85.000 | G | 50NA | 40 | 80 | .010 |
| | PT4830 | NS 211 | 18 | TRW | 60 | 30 | 4.0 | .066 | 1.800 | C | | 85.000 | G | 50NA | 40 | 80 | .010 |
| | PTC101 | NS 41 | 92 | MAL | 75 | 40 | 6.0 | .100 | .500 | A | | 300.000 | G | | | 150 | |
| | PTC102 | PS 210 | 5 | MAL | 40 | 25 | 20.0 | .300 | .200 | A | | 5.000 | G | | | 120 | |
| | PTC103 | PS 41 | 92 | MAL | 70 | 70 | 5.0 | .600 | .500 | A | | 200.000 | G | | | 140 | |
| | PTC104 | NS 605 | 66 | MAL | 375 | 350 | 5.0 | 3.000 | 20.000 | C | | 30.000 | G | | | 140 | |
| | PTC105 | PG 605 | 3 | MAL | 70 | 50 | 20.0 | 10.000 | 90.000 | C | | .600 | G | | | 80 | |
| | PTC106 | PG 405 | 36 | MAL | 50 | 40 | 30.0 | 15.000 | 150.000 | C | | .600 | G | | | 90 | |
| | PTC107 | PG 217 | 72 | MAL | 30 | 20 | 3.0 | .050 | .100 | A | | .400 | G | | | 140 | |
| | PTC108 | NG 210 | 5 | MAL | 47 | 26 | 25.0 | .300 | .150 | A | | 25.000 | G | | | 130 | |
| | PTC109 | PG 120 | 1 | MAL | 60 | 30 | 20.0 | .200 | .150 | A | | 5.000 | G | | | 140 | |
| | PTC110 | NS 52 A | | MAL | 80 | 75 | 5.0 | 3.000 | 12.500 | C | | 50.000 | G | | | 80 | |
| | PTC111 | PS 52 A | | MAL | 80 | 75 | 5.0 | 3.000 | 12.500 | C | | 50.000 | G | | | 80 | |
| | PTC112 | NS 605 | 66 | MAL | 90 | 80 | 3.0 | 4.000 | 25.000 | C | | 3.000 | G | | | 80 | |
| | PTC113 | PS 605 | 66 | MAL | 90 | 80 | 3.0 | 4.000 | 25.000 | C | | 3.000 | G | | | 80 | |
| | PTC114 | PS 605 | 3 | MAL | 50 | 30 | 15.0 | 3.000 | 70.000 | C | | 20.000 | G | | | 80 | |
| | PTC115 | NS 41 | 92 | MAL | 45 | 20 | 3.0 | .500 | .250 | A | | 700.000 | G | | | 35 | |
| | PTC116 | NS 605 | 3 | MAL | 70 | 60 | 30.0 | 10.000 | 150.000 | C | | 2.000 | G | | | 60 | |
| | PTC117 | NS 210 | 5 | MAL | 320 | 320 | 7.0 | .100 | 1.000 | A | | 50.000 | G | | | 100 | |
| | PTC118 | NS 605 | 3 | MAL | 400 | 325 | 3.0 | 10.000 | 125.000 | C | | 30.000 | G | | | 65 | |
| | PTC119 | NS 605 | 3 | MAL | 80 | 60 | 5.0 | 15.000 | 115.000 | C | | .800 | G | | | 40 | |
| | PTC120 | PG 605 | 66 | MAL | 45 | 30 | 10.0 | 5.000 | 57.000 | C | | 350.000 | G | | | 100 | |
| | PTC121 | NS 41 | 92 | MAL | 70 | 50 | 5.0 | .100 | .500 | A | | 500.000 | G | | | 220 | |
| | PTC122 | PG 605 | 3 | MAL | 350 | 350 | 2.0 | 10.000 | 56.000 | C | | 1.000 | G | | | 40 | |
| | PTC123 | NS 210 | 18 | MAL | 110 | 60 | 6.0 | .600 | .500 | A | | 200.000 | G | | | 350 | |
| | PTC124 | NS 52 A | | MAL | 375 | 350 | 3.0 | .500 | 21.000 | C | | 15.000 | G | | | 80 | |
| | PTC125 | NS 210 | 5 | MAL | 140 | 80 | 7.0 | .500 | .800 | A | | 50.000 | G | | | 180 | |
| | PTC126 | NS 217 | 72 | MAL | 20 | 20 | 3.0 | .025 | .310 | A | | 700.000 | G | | | 80 | |
| | PTC127 | PS 210 | 5 | MAL | 120 | 80 | 5.0 | .500 | .800 | A | | 200.000 | G | | | 230 | |
| | PTC128 | NS 540 | 60 | MAL | 50 | 25 | | 3.300 | 45.000 | C | | 100.000 | G | | | 30 | |
| | PTC129 | NS 605 | 3 | MAL | 700 | 400 | 3.0 | .500 | 100.000 | C | | 1.000 | G | | | 10 | |
| | PTC130 | NS 605 | 3 | MAL | 500 | 700 | 5.0 | 1.000 | 50.000 | C | | .700 | G | | | 40 | |
| | PTC131 | PS 173 | 106 | MAL | 60 | 50 | 1.0 | .200 | .250 | A | | 500.000 | G | | | 40 | |
| | PTC132 | NS 41 | 92 | MAL | 60 | 45 | 4.5 | .050 | .180 | A | | 800.000 | G | | | 100 | |
| | PTC134 | NG 120 | 1 | MAL | 36 | 36 | 14.0 | .500 | .350 | A | | AUD | G | 7UA | 32 | 120 | .010 |
| | PTC135 | PG 120 | 1 | MAL | 38 | 35 | 14.0 | .500 | .900 | A | | AUD | G | 15UA | 25 | 120 | .050 |
| | PTC136 | NS 211 | 18 | MAL | 60 | 44 | 7.0 | .800 | .500 | A | | RF, AUD | G | 100NA | 20 | 200 | .010 |
| | PTC137 | NS 52 A | | MAL | 65 | 65 | 6.0 | 7.000 | 50.000 | C | | AUD | G | 150UA | 60 | 100 | 3.000 |
| | PTC138 | PG 605 | 3 | MAL | 75 | 65 | 1.7 | 5.000 | 25.000 | C | | AUD | G | 500UA | 65 | 150 | 2.000 |
| | PTC140 | NS 605 | 3 | MAL | 105 | 65 | 7.5 | 15.000 | 115.000 | C | | AUD | G | 500NA | 100 | 90 | 1.000 |
| | PTC141 | PS 211 | 5 | MAL | 105 | 100 | 8.0 | 1.000 | 7.000 | C | | AUD | G | 15UA | 95 | 100 | .100 |
| | PTC142 | PS 211 | 5 | MAL | 65 | 45 | 8.0 | 3.000 | 6.000 | C | | AUD | G | 500UA | 40 | 60 | .500 |
| | PTC143 | NS 211 | 5 | MAL | 65 | 45 | 8.0 | 3.000 | 6.000 | C | | AUD | G | 500UA | 40 | 60 | .500 |
| | PTC144 | NS 211 | 5 | MAL | 130 | 100 | 8.0 | 1.000 | 5.000 | C | | AUD | G | 100NA | 100 | 100 | 2.500 |
| | PTC153 | NS 45 | 98 | MAL | 40 | 40 | | .200 | .400 | A | | 60.000 | G | | | | |
| -RT482 | | NS 210 | 5 | RAY | 20 | 20 | 5.0 | | .600 | A | 150J | 40.000 | G | 2UA | 10 | 40 | |
| -RT483 | | NS 210 | 5 | RAY | 40 | 20 | 5.0 | | .600 | A | 150J | 40.000 | G | 2UA | 30 | 20 | |
| -RT484 | | NS 210 | 5 | RAY | 40 | 20 | 5.0 | | .600 | A | 150J | 40.000 | G | 2UA | 30 | 40 | |
| -RT697M | | NS 210 | 54 | RAY | 60 | 40 | 5.0 | | .400 | A | 175J | 50.000 | G | 1UA | 30 | 70 | |
| -RT699M | | NS 210 | 54 | RAY | 120 | 80 | 5.0 | | .400 | A | 175J | 50.000 | G | 2UA | 60 | 65 | |
| -RT1890M | | NS 211 | 46 | RAY | 100 | 60 | 7.0 | | 3.000 | C | 200A | 50.000 | G | 10NA | 75 | 160 | |
| -RT1893 | | NS 211 | 46 | RAY | 120 | 80 | 7.0 | | 3.000 | C | 200A | 50.000 | G | 10NA | 90 | 80 | |
| -RT5151 | | NS 210 | 5 | RAY | 45 | 20 | 4.0 | | .600 | A | 150J | | | 1UA | 20 | 60 | |
| -RT5152 | | NS 210 | 5 | RAY | 45 | 20 | 4.0 | | .600 | A | 150J | | | 1UA | 20 | 60 | |
| -RT5203 | | NS 211 | 5 | RAY | 40 | | 5.0 | | .600 | A | 150J | | | 2UA | 40 | | |
| -RT5204 | | NS 210 | 5 | RAY | 30 | 30S | 5.0 | | .600 | A | 150J | 40.000 | G | 1UA | 15 | 70 | |
| -RT5212 | | NS 210 | 5 | RAY | 60 | 60S | 5.0 | | .600 | A | 150A | 40.000 | G | 1UA | 30 | 70 | |
| RT5230 | | | | SEE 2N2309 | | | | | | | | | | | | | |
| -RT5401 | | NS 211 | 5 | RAY | 30 | 20 | 7.0 | .750 | .700 | A | 200J | 100.000 | G | 1UA | 30 | 100 | |
| -RT5402 | | NS 211 | 5 | RAY | 30 | 18 | 7.0 | .750 | .700 | A | 200J | 100.000 | G | 1UA | 30 | 120 | |
| -RT5403 | | NS 211 | 5 | RAY | 60 | 24 | 7.0 | .750 | .700 | A | 200J | 90.000 | G | 1UA | 30 | 100 | |
| -RT5404 | | NS 211 | 5 | RAY | 60 | 22 | 7.0 | .750 | .700 | A | 200J | 90.000 | G | 1UA | 30 | 100 | |
| RT-100 | | NS 210 | 5 | SPR | 30 | 30 | 4.0 | .500 | .800 | A | | AUD | G | | | 100 | .250 |
| RT-102 | | NS 210 | 18 | SPR | 30 | 30 | 4.0 | .300 | .500 | A | | AUD | G | | | 100 | .150 |
| RT-108 | | NS 168 B | | SPR | 30 | 25 | 3.0 | .100 | .300 | A | | UHF | G | | | 50 | .050 |
| RT-110 | | NS 210 | 39 | SPR | 300 | 300 | 5.0 | .100 | 1.000 | A | | VID | G | | | 60 | .050 |
| RT-111 | | NS 52 A | | SPR | 300 | 300 | 5.0 | .100 | 1.667 | C | | VID | G | | | 60 | .050 |
| RT-113 | | NS 217 | 72 | SPR | 30 | 25 | 3.0 | .050 | .150 | A | | VID | G | | | 30 | .025 |
| RT-114 | | NS 210 | 5 | SPR | 120 | 100 | 7.0 | 2.000 | 1.000 | A | | AUD | G | | | 80 | .500 |
| RT-115 | | PS 210 | 5 | SPR | 120 | 100 | 7.0 | 2.000 | 1.000 | A | | AUD | G | | | 80 | 1.000 |
| RT-118 | | PS 168 B | | SPR | 25 | 20 | 20.0 | .100 | .150 | A | | RF | G | | | 40 | .050 |
| RT-119 | | NG 210 | 5 | SPR | 25 | 20R | 20.0 | .300 | .150 | A | | RF | G | | | 40 | .150 |
| RT-120 | | PS 168 B | | SPR | 30 | 16 | 20.0 | .100 | .150 | A | | AUD | G | | | 90 | .050 |
| RT-121 | | PS 45 | 98 | SPR | 32 | 32 | 12.0 | .100 | .900 | A | | AUD | G | | | 120 | .050 |
| RT-122 | | NG 210 | 5 | SPR | 30 | 16R | 20.0 | .250 | .900 | A | | AUD | G | | | 90 | .125 |
| RT-124 | | PG 605 | 3 | SPR | 50 | 35 | 20.0 | 7.000 | 90.000 | C | | AUD | G | | | 90 | 3.500 |
| RT-126 | | PS 41 | 92 | SPR | 35 | 15 | 1.0 | .100 | .300 | A | | RF | G | | | 20 | .050 |
| RT-127 | | PG 605 | 3 | SPR | 65 | 45 | 15.0 | 7.000 | 90.000 | C | | AUD | G | | | 60 | 3.500 |
| RT-131 | | NS 605 | 3 | SPR | 80 | 60 | 5.0 | 15.000 | 115.000 | C | | AUD | G | | | 40 | 7.500 |
| RT-135 | | NS 54 B | | SPR | 300 | 300 | 3.0 | .500 | 20.800 | C | | AUD | G | | | 30 | .250 |
| RT-147 | | PG 605 | 3 | SPR | 90 | 90 | 3.0 | 25.000 | 106.000 | C | | AUD | G | | | 55 | 12.500 |
| RT-148 | | PS 605 | 3 | SPR | 100 | 100 | 4.0 | 30.000 | 200.000 | C | | AUD | G | | | 25 | 15.000 |
| RT-149 | | NS 605 | 3 | SPR | 100 | 100 | 4.0 | 30.000 | 200.000 | C | | AUD | G | | | 25 | 15.000 |
| RT-150 | | NS 54 B | | SPR | 80 | 80 | 4.0 | 10.000 | 90.000 | C | | AUD | G | | | 30 | 5.000 |
| RT-151 | | PS 54 B | | SPR | 80 | 80 | 4.0 | 10.000 | 90.000 | C | | AUD | G | | | 30 | 5.000 |
| RT-154 | | NS 54 B | | SPR | 60 | 60 | 5.0 | 4.000 | 40.000 | C | | AUD | G | | | 80 | 2.000 |
| RT-155 | | PS 54 B | | SPR | 60 | 60 | 5.0 | 4.000 | 40.000 | C | | AUD | G | | | 80 | 2.000 |
| S2N1486 | | NS 170 | 8 | STC | 100 | 55 | 12.0 | 3.000 | 25.000 | C | 200J | 1.250 | B | 15UA | 30 | 60 | .750 |
| S2N2034A | | NS 211 | 5 | STC | 80 | 70 | 10.0 | 3.000 | 8.500 | C | 200C | 1.000 | G | 150UA | 80 | 35 | 1.000 |
| -S15649 | | NS 170 F | | FSC | 30 | 25 | 6.0 | | .200 | A | 125J | 20.000 | G | 50NA | 25 | 350 | .001 |
| -S15650 | | NS 170 F | | FSC | 30 | 25 | 6.0 | | .200 | A | 125J | 40.000 | G | 50NA | 25 | 300 | .001 |
| -S15657 | | NS 170 F | | FSC | 40 | 15 | 4.0 | | .200 | A | 125J | 400.000 | G | 50NA | 15 | 70 | .002 |
| -S15658 | | NS 170 F | | FSC | 40 | 15 | 4.0 | | .200 | A | 125J | 400.000 | G | 50NA | 15 | 70 | .015 |
| -S15659 | | NS 211 | 5 | FSC | 40 | 20 | 4.0 | | .600 | A | 200J | 500.000 | G | 50NA | 20 | 70 | .050 |
| -S15660 | | NS 211 K | | FSC | 40 | 15 | 4.0 | 1.000 | .600 | A | 200J | 400.000 | G | 500UA | 40 | 60 | .300 |
| -S18100 | | PS 909 | 50 | FSC | 60 | 60 | 4.0 | | .400 | A | 200J | 130.000 | G | 10NA | 25 | 70 | .050 |
| -S18200 | | NS 909 | 50 | FSC | 100 | 60 | 7.0 | | .400 | A | 200J | 60.000 | G | 10NA | 60 | 100 | .150 |
| SA310 | | PS 229 | 5 | SPR | 30 | 10 | | .050 | .150 | A | 140J | 10.000 | G | 10NA | 15 | 30 | |
| SA311 | | PS 229 | 5 | SPR | 30 | 16 | | .050 | .150 | A | 140J | 10.000 | G | 10NA | 15 | 30 | |
| SA312 | | PS 229 | 5 | SPR | 30 | 10 | | .050 | .150 | A | 140J | 18.000 | G | 10NA | 15 | 30 | |
| SA313 | | PS 229 | 5 | SPR | 30 | 20 | | .050 | .150 | A | 140J | 17.000 | G | 10NA | 15 | 30 | |
| SA314 | | PS 229 | 5 | SPR | 30 | 15 | | .050 | .150 | A | 140J | 17.000 | G | 20NA | 15 | 30 | |
| SA315 | | PS 229 | 5 | SPR | 30 | 12 | | .050 | .150 | A | 140J | 18.000 | G | 20NA | 15 | 30 | |
| SA316 | | PS 229 | 5 | SPR | 30 | 10 | | .050 | .150 | A | 140J | 17.000 | G | 23NA | 10 | 20 | |
| SA410 | | PS 229 | 18 | SPR | 30 | 10 | | .050 | .150 | A | 140J | 10.000 | G | 10NA | 15 | 30 | |
| SA411 | | PS 229 | 18 | SPR | 30 | 6 | | .050 | .150 | A | 140J | 10.000 | G | 10NA | 15 | 30 | |
| SA412 | | PS 229 | 18 | SPR | 30 | 10 | | .050 | .150 | A | 140J | 8.000 | G | 10NA | 15 | 30 | |
| SA413 | | PS 229 | 18 | SPR | 30 | 20 | | .050 | .150 | A | 140J | 7.000 | G | 10NA | 15 | 30 | |
| SA414 | | PS 229 | 18 | SPR | 30 | 15 | | .050 | .150 | A | 140J | 7.000 | G | 20NA | 15 | 30 | |
| SA415 | | PS 229 | 18 | SPR | 30 | 12 | | .050 | .150 | A | 140J | 8.000 | G | 20NA | 15 | 30 | |
| SA416 | | PS 229 | 18 | SPR | 30 | 10 | | .050 | .150 | A | 140J | 7.000 | G | 3NA | 10 | 20 | |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) Cond. | | | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ | $I_C$(A) |
| | SA537 | PS 120 | 1 | SPR | 25 | 20 | | .050 | .150 | A | 140J | | | 100NA | 5 | 15 | .005 |
| | SA538 | PS 120 | 1 | SPR | 10 | 6 | | .050 | .150 | A | 140J | | | 100NA | 5 | 15 | .005 |
| | SA539 | PS 210 | 18 | SPR | 25 | 20 | | .050 | .150 | A | 140J | | | 100NA | 5 | 15 | .005 |
| | SA540 | PS 210 | 18 | SPR | 10 | 6 | | .050 | .150 | A | 140J | | | 100NA | 5 | 15 | .005 |
| | SB100 | PG 105 | 24 | PHL | 5 | | | .005 | .020 | A | 55J | 60.000 | F | 3UA | 5 | 20 | |
| | SB101 | | | SEE 2N344 | | | | | | | | | | | | | |
| | SB102 | | | SEE 2N345 | | | | | | | | | | | | | |
| | SB103 | | | SEE 2N346 | | | | | | | | | | | | | |
| | SB200 | PG 105 | 24 | PHL | 5 | | | .005 | .020 | A | 55J | 30.000 | F | 3UA | 5 | 14 | |
| | SDT7A01 | NS 605 | 66 | SOL | 60 | 40 | 8.0 | 10.000 | 40.000 | H | | | | 500NA | 30 | 70 | 5.000 |
| | SDT7A02 | NS 605 | 66 | SOL | 80 | 60 | 8.0 | 10.000 | 40.000 | H | | | | 500NA | 30 | 70 | 5.000 |
| | SDT7A03 | NS 605 | 66 | SOL | 100 | 80 | 8.0 | 10.000 | 40.000 | H | | | | 500NA | 60 | 70 | 5.000 |
| | SDT7A04 | NS 605 | 66 | SOL | 140 | 120 | 8.0 | 10.000 | 40.000 | H | | | | 500NA | 60 | 70 | 5.000 |
| | SDT7A05 | NS 605 | 66 | SOL | 170 | 150 | 8.0 | 10.000 | 40.000 | H | | | | 500NA | 100 | 70 | 5.000 |
| | SDT7A06 | NS 605 | 66 | SOL | 220 | 200 | 8.0 | 10.000 | 40.000 | H | | | | 500NA | 100 | 70 | 5.000 |
| | SDT7B01 | NS 568 | 11 | SOL | 80 | 60 | 5.0 | 10.000 | 30.000 | H | | | | 1UA | 60 | 70 | 5.000 |
| | SDT7B02 | NS 568 | 11 | SOL | 100 | 80 | 5.0 | 10.000 | 30.000 | H | | | | 1UA | 60 | 70 | 5.000 |
| | SDT7B03 | NS 568 | 11 | SOL | 120 | 100 | 5.0 | 10.000 | 30.000 | H | | | | 1UA | 60 | 70 | 5.000 |
| | SDT7B04 | NS 568 | 11 | SOL | 140 | 120 | 5.0 | 10.000 | 30.000 | H | | | | 1UA | 60 | 70 | 5.000 |
| | SDT7B05 | NS 568 | 11 | SOL | 80 | 60 | 5.0 | 10.000 | 30.000 | H | | | | 1UA | 60 | 30 | 5.000 |
| | SDT7B06 | NS 568 | 11 | SOL | 100 | 80 | 5.0 | 10.000 | 30.000 | H | | | | 1UA | 60 | 30 | 5.000 |
| | SDT7B07 | NS 568 | 11 | SOL | 120 | 100 | 5.0 | 10.000 | 30.000 | H | | | | 1UA | 60 | 30 | 5.000 |
| | SDT7B08 | NS 568 | 11 | SOL | 140 | 120 | 5.0 | 10.000 | 30.000 | H | | | | 1UA | 60 | 30 | 5.000 |
| | SDT1001 | NS 605 | 3 | SOL | | 200 | 5.0 | 3.500 | 100.000 | H | 200J | 5.000 | G | 5MA | 200 | 20 | 1.000 |
| | SDT1002 | NS 605 | 3 | SOL | | 250 | 5.0 | 3.500 | 100.000 | H | 200J | 5.000 | G | 5MA | 250 | 20 | 1.000 |
| | SDT1003 | NS 605 | 3 | SOL | | 300 | 5.0 | 3.500 | 100.000 | H | 200J | 5.000 | G | 500UA | 300 | 40 | 1.000 |
| | SDT1004 | NS 605 | 3 | SOL | | 350 | 5.0 | 3.500 | 100.000 | H | 200J | 5.000 | G | 500UA | 350 | 40 | 1.000 |
| | SDT1005 | NS 605 | 3 | SOL | | 400 | 5.0 | 3.500 | 100.000 | H | 200J | 5.000 | G | 500UA | 400 | 40 | 1.000 |
| | SDT1006 | NS 605 | 3 | SOL | | 450 | 5.0 | 3.500 | 100.000 | H | 200J | 5.000 | G | 500UA | 450 | 40 | 1.000 |
| | SDT1007 | NS 605 | 3 | SOL | | 500 | 5.0 | 3.500 | 100.000 | H | 200J | 5.000 | G | 500UA | 500 | 40 | 1.000 |
| | SDT1011 | NS 605 | 3 | SOL | | 200 | 5.0 | 5.000 | 100.000 | H | 200J | 5.000 | G | 10MA | 200 | 20 | 3.000 |
| | SDT1012 | NS 605 | 3 | SOL | | 250 | 5.0 | 5.000 | 100.000 | H | 200J | 5.000 | G | 10MA | 250 | 20 | 3.000 |
| | SDT1013 | NS 605 | 3 | SOL | | 300 | 5.0 | 5.000 | 100.000 | H | 200J | 5.000 | G | 5MA | 300 | 38 | 3.000 |
| | SDT1014 | NS 605 | 3 | SOL | | 350 | 5.0 | 5.000 | 100.000 | H | 200J | 5.000 | G | 5MA | 350 | 38 | 3.000 |
| | SDT1015 | NS 605 | 3 | SOL | | 400 | 5.0 | 5.000 | 100.000 | H | 200J | 5.000 | G | 5MA | 400 | 38 | 3.000 |
| | SDT1016 | NS 605 | 3 | SOL | | 450 | 5.0 | 5.000 | 100.000 | H | 200J | 5.000 | G | 5MA | 450 | 38 | 3.000 |
| | SDT1017 | NS 605 | 3 | SOL | | 500 | 5.0 | 5.000 | 100.000 | H | 200J | 5.000 | G | 5MA | 500 | 38 | 3.000 |
| | SDT1050 | NS 605 | 3 | SOL | 250 | 200 | 8.0 | 5.000 | 80.000 | H | 200J | 50.000 | G | 5MA | 100 | 23 | 1.000 |
| | SDT1051 | NS 605 | 3 | SOL | 400 | 325 | 8.0 | 5.000 | 80.000 | H | 200J | 50.000 | G | 5MA | 100 | 23 | 1.000 |
| | SDT1052 | NS 605 | 3 | SOL | 500 | 400 | 8.0 | 5.000 | 80.000 | H | 200J | 50.000 | G | 5MA | 100 | 23 | 1.000 |
| | SDT1053 | NS 605 | 3 | SOL | 600 | 400 | 8.0 | 5.000 | 80.000 | H | 200J | 50.000 | G | 5MA | 100 | 23 | 1.000 |
| | SDT1054 | NS 605 | 3 | SOL | 700 | 400 | 8.0 | 5.000 | 80.000 | H | 200J | 50.000 | G | 5MA | 100 | 23 | 1.000 |
| | SDT1055 | NS 605 | 3 | SOL | 250 | 200 | 8.0 | 5.000 | 80.000 | H | 200J | 50.000 | G | 1MA | 150 | 23 | 2.000 |
| | SDT1056 | NS 605 | 3 | SOL | 400 | 325 | 8.0 | 5.000 | 80.000 | H | 200J | 50.000 | G | 1MA | 150 | 23 | 2.000 |
| | SDT1057 | NS 605 | 3 | SOL | 500 | 400 | 8.0 | 5.000 | 80.000 | H | 200J | 50.000 | G | 1MA | 150 | 23 | 2.000 |
| | SDT1058 | NS 605 | 3 | SOL | 600 | 400 | 8.0 | 5.000 | 80.000 | H | 200J | 50.000 | G | 1MA | 150 | 23 | 2.000 |
| | SDT1059 | NS 605 | 3 | SOL | 700 | 400 | 8.0 | 5.000 | 80.000 | H | 200J | 50.000 | G | 1MA | 150 | 23 | 2.000 |
| | SDT1060 | NS 605 | 3 | SOL | 250 | 200 | 8.0 | 5.000 | 80.000 | H | 200J | 50.000 | G | 1MA | 150 | 15 | 3.000 |
| | SDT1061 | NS 605 | 3 | SOL | 400 | 325 | 8.0 | 5.000 | 80.000 | H | 200J | 50.000 | G | 1MA | 150 | 15 | 3.000 |
| | SDT1062 | NS 605 | 3 | SOL | 500 | 400 | 8.0 | 5.000 | 80.000 | H | 200J | 50.000 | G | 1MA | 150 | 15 | 3.000 |
| | SDT1063 | NS 605 | 3 | SOL | 600 | 400 | 8.0 | 5.000 | 80.000 | H | 200J | 50.000 | G | 1MA | 150 | 15 | 3.000 |
| | SDT1064 | NS 605 | 3 | SOL | 700 | 400 | 8.0 | 5.000 | 80.000 | H | 200J | 50.000 | G | 1MA | 150 | 15 | 3.000 |
| | SDT1150 | NS 605 | 66 | SOL | 250 | 200 | 8.0 | 5.000 | 40.000 | H | 200J | 50.000 | G | 5MA | 100 | 23 | 1.000 |
| | SDT1151 | NS 605 | 66 | SOL | 400 | 325 | 8.0 | 5.000 | 40.000 | H | 200J | 50.000 | G | 5MA | 100 | 23 | 1.000 |
| | SDT1152 | NS 605 | 66 | SOL | 500 | 400 | 8.0 | 5.000 | 40.000 | H | 200J | 50.000 | G | 5MA | 100 | 23 | 1.000 |
| | SDT1153 | NS 605 | 66 | SOL | 600 | 400 | 8.0 | 5.000 | 40.000 | H | 200J | 50.000 | G | 5MA | 100 | 23 | 1.000 |
| | SDT1154 | NS 605 | 66 | SOL | 700 | 400 | 8.0 | 5.000 | 40.000 | H | 200J | 50.000 | G | 5MA | 100 | 23 | 1.000 |
| | SDT1155 | NS 605 | 66 | SOL | 250 | 200 | 8.0 | 5.000 | 40.000 | H | 200J | 50.000 | G | 1MA | 150 | 23 | 2.000 |
| | SDT1156 | NS 605 | 66 | SOL | 400 | 325 | 8.0 | 5.000 | 40.000 | H | 200J | 50.000 | G | 1MA | 150 | 23 | 2.000 |
| | SDT1157 | NS 605 | 66 | SOL | 500 | 400 | 8.0 | 5.000 | 40.000 | H | 200J | 50.000 | G | 1MA | 150 | 23 | 2.000 |
| | SDT1158 | NS 605 | 66 | SOL | 600 | 400 | 8.0 | 5.000 | 40.000 | H | 200J | 50.000 | G | 1MA | 150 | 23 | 2.000 |
| | SDT1159 | NS 605 | 66 | SOL | 700 | 400 | 8.0 | 5.000 | 40.000 | H | 200J | 50.000 | G | 1MA | 150 | 23 | 2.000 |
| | SDT1160 | NS 605 | 66 | SOL | 250 | 200 | 8.0 | 5.000 | 40.000 | H | 200J | 50.000 | G | 1MA | 150 | 15 | 3.000 |
| | SDT1161 | NS 605 | 66 | SOL | 400 | 325 | 8.0 | 5.000 | 40.000 | H | 200J | 50.000 | G | 1MA | 150 | 15 | 3.000 |
| | SDT1162 | NS 605 | 66 | SOL | 500 | 400 | 8.0 | 5.000 | 40.000 | H | 200J | 50.000 | G | 1MA | 150 | 15 | 3.000 |
| | SDT1163 | NS 605 | 66 | SOL | 600 | 400 | 8.0 | 5.000 | 40.000 | H | 200J | 50.000 | G | 1MA | 150 | 15 | 3.000 |
| | SDT1164 | NS 605 | 66 | SOL | 700 | 400 | 8.0 | 5.000 | 40.000 | H | 200J | 50.000 | G | 1MA | 150 | 15 | 3.000 |
| | SDT1250 | NS 561 | 61 | SOL | 250 | 200 | 8.0 | 5.000 | 80.000 | H | 200J | 50.000 | G | 5MA | 100 | 23 | 1.000 |
| | SDT1251 | NS 561 | 61 | SOL | 400 | 325 | 8.0 | 5.000 | 80.000 | H | 200J | 50.000 | G | 5MA | 100 | 23 | 1.000 |
| | SDT1252 | NS 561 | 61 | SOL | 500 | 400 | 8.0 | 5.000 | 80.000 | H | 200J | 50.000 | G | 5MA | 100 | 23 | 1.000 |
| | SDT1253 | NS 561 | 61 | SOL | 600 | 400 | 8.0 | 5.000 | 80.000 | H | 200J | 50.000 | G | 5MA | 100 | 23 | 1.000 |
| | SDT1254 | NS 561 | 61 | SOL | 700 | 400 | 8.0 | 5.000 | 80.000 | H | 200J | 50.000 | G | 5MA | 100 | 23 | 1.000 |
| | SDT1255 | NS 561 | 61 | SOL | 250 | 200 | 8.0 | 5.000 | 80.000 | H | 200J | 50.000 | G | 1MA | 150 | 23 | 2.000 |
| | SDT1256 | NS 561 | 61 | SOL | 400 | 325 | 8.0 | 5.000 | 80.000 | H | 200J | 50.000 | G | 1MA | 150 | 23 | 2.000 |
| | SDT1257 | NS 561 | 61 | SOL | 500 | 400 | 8.0 | 5.000 | 80.000 | H | 200J | 50.000 | G | 1MA | 150 | 23 | 2.000 |
| | SDT1258 | NS 561 | 61 | SOL | 600 | 400 | 8.0 | 5.000 | 80.000 | H | 200J | 50.000 | G | 1MA | 150 | 23 | 2.000 |
| | SDT1259 | NS 561 | 61 | SOL | 700 | 400 | 8.0 | 5.000 | 80.000 | H | 200J | 50.000 | G | 1MA | 150 | 23 | 2.000 |
| | SDT1260 | NS 561 | 61 | SOL | 250 | 200 | 8.0 | 5.000 | 80.000 | H | 200J | 50.000 | G | 1MA | 150 | 15 | 3.000 |
| | SDT1261 | NS 561 | 61 | SOL | 400 | 325 | 8.0 | 5.000 | 80.000 | H | 200J | 50.000 | G | 1MA | 15 | 15 | 3.000 |
| | SDT1262 | NS 561 | 61 | SOL | 500 | 400 | 8.0 | 5.000 | 80.000 | H | 200J | 50.000 | G | 1MA | 150 | 15 | 3.000 |
| | SDT1263 | NS 561 | 61 | SOL | 600 | 400 | 8.0 | 5.000 | 80.000 | H | 200J | 50.000 | G | 1MA | 150 | 15 | 3.000 |
| | SDT1264 | NS 561 | 61 | SOL | 700 | 400 | 8.0 | 5.000 | 80.000 | H | 200J | 50.000 | G | 1MA | 150 | 15 | 3.000 |
| | SDT1808 | PG 403 | 68 | SOL | 80 | 60 | | 60.000 | 170.000 | C | 110J | | | | | 22 | 50.000 |
| | SDT1809 | PG 403 | 68 | SOL | 60 | 45 | | 60.000 | 170.000 | C | 110J | | | | | 22 | 50.000 |
| | SDT1810 | PG 403 | 68 | SOL | 40 | 30 | | 60.000 | 170.000 | C | 110J | | | | | 22 | 50.000 |
| | SDT1860 | PG 403 | 68 | SOL | 80 | 60 | 30.0 | 65.000 | 170.000 | C | 110J | .340 | G | | | 30 | 65.000 |
| | SDT1861 | PG 403 | 68 | SOL | 60 | 45 | 30.0 | 65.000 | 170.000 | C | 110J | .340 | G | | | 30 | 65.000 |
| | SDT1862 | PG 403 | 68 | SOL | 40 | 30 | 20.0 | 65.000 | 170.000 | C | 110J | .340 | G | 5MA | 40 | 30 | 65.000 |
| | SDT1908 | PG 176 E | | SOL | 80 | 60 | | 60.000 | 140.000 | C | 110J | | | | | 22 | 50.000 |
| | SDT1909 | PG 176 E | | SOL | 60 | 45 | | 60.000 | 140.000 | C | 110J | | | | | 22 | 50.000 |
| | SDT1910 | PG 176 E | | SOL | 40 | 30 | | 60.000 | 140.000 | C | 110J | | | | | 22 | 50.000 |
| | SDT1960 | PG 176 E | | SOL | 80 | 60 | 30.0 | 65.000 | 140.000 | C | 110J | .340 | G | 5MA | 80 | 30 | 65.000 |
| | SDT1961 | PG 176 E | | SOL | 60 | 45 | 30.0 | 65.000 | 140.000 | C | 110J | .340 | G | 5MA | 60 | 30 | 65.000 |
| | SDT1962 | PG 176 E | | SOL | 40 | 30 | 20.0 | 65.000 | 140.000 | C | 110J | .340 | G | 5MA | 40 | 30 | 65.000 |
| | SDT2008 | PG 571 A | | SOL | 80 | 60 | | 60.000 | 140.000 | C | 110J | | | | | 22 | 50.000 |
| | SDT2009 | PG 571 A | | SOL | 60 | 45 | | 60.000 | 140.000 | C | 110J | | | | | 22 | 50.000 |
| | SDT2010 | PG 571 A | | SOL | 40 | 30 | | 60.000 | 140.000 | C | 110J | | | | | 22 | 50.000 |
| | SDT2101 | PG 390 A | | SOL | 10 | 5 | | 200.000 | 100.000 | C | 100J | | | | | 60 | |
| | SDT2110 | PG 390 A | | SOL | 10 | 5 | | 200.000 | 100.000 | C | 100J | | | | | 60 | 99.000 |
| | SDT2111 | PG 390 A | | SOL | 10 | 5 | | 200.000 | 100.000 | C | 100J | | | | | 60 | 99.000 |
| | SDT2112 | PG 390 A | | SOL | 10 | 5 | | 200.000 | 100.000 | C | 100J | | | | | 60 | 99.000 |
| | SDT2150 | PG 390 B | | SOL | 10 | 5 | | 200.000 | 100.000 | C | 100J | | | | | 60 | 99.000 |
| | SDT2151 | PG 390 B | | SOL | 10 | 5 | | 200.000 | 100.000 | C | 100J | | | | | 60 | 99.000 |
| | SDT2152 | PG 390 B | | SOL | 10 | 5 | | 200.000 | 100.000 | C | 100J | | | | | 60 | 99.000 |
| | SDT2205 | PG 176 E | | SOL | 10 | 5 | | 50.000 | 120.000 | C | 110J | | | | | 60 | 50.000 |
| | SDT2305 | PG 403 | 68 | SOL | 10 | 5 | | 50.000 | 120.000 | C | 110J | | | | | 60 | 50.000 |
| | SDT3101 | PS 560 | 61 | SOL | | 40 | 6.0 | 10.000 | 50.000 | H | 200J | 40.000 | G | 10UA | 40 | 52 | 10.000 |
| | SDT3102 | PS 560 | 61 | SOL | | 60 | 6.0 | 10.000 | 50.000 | H | 200J | 40.000 | G | 10UA | 60 | 52 | 10.000 |
| | SDT3103 | PS 560 | 61 | SOL | | 80X | 6.0 | 10.000 | 50.000 | H | | 30.000 | G | 10UA | 80 | 52 | 10.000 |
| | SDT3104 | PS 560 | 61 | SOL | | 100X | 6.0 | 10.000 | 50.000 | H | | 30.000 | G | 10UA | 100 | 52 | 10.000 |
| | SDT3105 | PS 560 | 61 | SOL | | 40 | 6.0 | 10.000 | 50.000 | H | 200J | 40.000 | G | 10UA | 40 | 52 | 5.000 |
| | SDT3106 | PS 560 | 61 | SOL | | 60 | 6.0 | 10.000 | 50.000 | H | 200J | 40.000 | G | 10UA | 60 | 52 | 5.000 |
| | SDT3107 | PS 560 | 61 | SOL | | 80X | 6.0 | 10.000 | 50.000 | H | | 30.000 | G | 10UA | 80 | 52 | 5.000 |
| | SDT3108 | PS 560 | 61 | SOL | | 100X | 6.0 | 10.000 | 50.000 | H | | 30.000 | G | 10UA | 100 | 52 | 5.000 |
| | SDT3109 | PS 560 | 61 | SOL | | 120 | 6.0 | 10.000 | 50.000 | H | 200J | 40.000 | G | 10UA | 120 | 52 | 5.000 |
| | SDT3125 | PS 568 | 11 | SOL | | 40X | 6.0 | 10.000 | 30.000 | H | | 30.000 | G | 10UA | 40 | 40 | 5.000 |
| | SDT3126 | PS 568 | 11 | SOL | | 60X | 6.0 | 10.000 | 30.000 | H | | 30.000 | G | 10UA | 60 | 40 | 5.000 |
| | SDT3127 | PS 568 | 11 | SOL | | 80X | 6.0 | 10.000 | 30.000 | H | | 30.000 | G | 10UA | 80 | 40 | 5.000 |
| | SDT3128 | PS 568 | 11 | SOL | | 100X | 6.0 | 10.000 | 30.000 | H | | 30.000 | G | 10UA | 100 | 40 | 5.000 |
| | SDT3129 | PS 568 | 11 | SOL | | 120X | 6.0 | 10.000 | 30.000 | H | | 30.000 | G | 10UA | 120 | 40 | 5.000 |
| | SDT3201 | NS 560 | 61 | SOL | | 120X | 6.0 | 10.000 | 50.000 | H | | 30.000 | G | 10UA | 40 | 52 | 10.000 |
| | SDT3202 | NS 560 | 61 | SOL | | 60X | 6.0 | 10.000 | 50.000 | H | | 30.000 | G | 10UA | 60 | 52 | 10.000 |
| | SDT3203 | NS 560 | 61 | SOL | | 80X | 6.0 | 10.000 | 50.000 | H | | 30.000 | G | 10UA | 80 | 52 | 10.000 |
| | SDT3204 | NS 560 | 61 | SOL | | 100X | 6.0 | 10.000 | 50.000 | H | | 30.000 | G | 10UA | 100 | 52 | 10.000 |
| | SDT3205 | NS 560 | 61 | SOL | | 40X | 6.0 | 10.000 | 50.000 | H | | 30.000 | G | 10UA | 40 | 52 | 5.000 |
| | SDT3206 | NS 560 | 61 | SOL | | 60X | 6.0 | 10.000 | 50.000 | H | | 30.000 | G | 10UA | 60 | 52 | 5.000 |
| | SDT3207 | NS 560 | 61 | SOL | | 80X | 6.0 | 10.000 | 50.000 | H | | 30.000 | G | 10UA | 80 | 52 | 5.000 |
| | SDT3208 | NS 560 | 61 | SOL | | 100X | 6.0 | 10.000 | 50.000 | H | | 30.000 | G | 10UA | 100 | 52 | 5.000 |
| | SDT3209 | NS 560 | 61 | SOL | | 120X | 6.0 | 10.000 | 50.000 | H | | 30.000 | G | 10UA | 120 | 52 | 5.000 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ $I_C$(A) | |
| | SDT3225 | NS 568 | 11 | SOL | | 40X | 6.0 | 10.000 | 30.000 | H | | | 30.000 | G | 10UA 40 | 40 | 5.000 |
| | SDT3226 | NS 568 | 11 | SOL | | 60X | 6.0 | 10.000 | 30.000 | H | | | 30.000 | G | 10UA 60 | 40 | 5.000 |
| | SDT3227 | NS 568 | 11 | SOL | | 80X | 6.0 | 10.000 | 30.000 | H | | | 30.000 | G | 10UA 80 | 40 | 5.000 |
| | SDT3228 | NS 568 | 11 | SOL | | 100X | 6.0 | 10.000 | 30.000 | H | | | 30.000 | G | 10UA 100 | 40 | 5.000 |
| | SDT3229 | NS 568 | 11 | SOL | | 120X | 6.0 | 10.000 | 30.000 | H | | | 30.000 | G | 10UA 120 | 40 | 5.000 |
| | SDT3301 | PS 568 | 11 | SOL | | 40X | 6.0 | 5.000 | 30.000 | H | 200J | | 40.000 | G | 10UA 40 | 70 | 2.000 |
| | SDT3302 | PS 568 | 11 | SOL | | 60X | 6.0 | 5.000 | 30.000 | H | 200J | | 40.000 | G | 10UA 60 | 70 | 2.000 |
| | SDT3303 | PS 568 | 11 | SOL | | 80X | 6.0 | 5.000 | 30.000 | H | 200J | | 40.000 | G | 10UA 80 | 70 | 2.000 |
| | SDT3304 | PS 568 | 11 | SOL | | 100X | 6.0 | 5.000 | 30.000 | H | 200J | | 40.000 | G | 10UA 100 | 70 | 2.000 |
| | SDT3305 | PS 568 | 11 | SOL | | 40X | 6.0 | 5.000 | 30.000 | H | 200J | | 40.000 | G | 10UA 40 | 35 | 2.000 |
| | SDT3306 | PS 568 | 11 | SOL | | 60X | 6.0 | 5.000 | 30.000 | H | 200J | | 40.000 | G | 10UA 60 | 35 | 2.000 |
| | SDT3307 | PS 568 | 11 | SOL | | 80X | 6.0 | 5.000 | 30.000 | H | 200J | | 40.000 | G | 10UA 80 | 35 | 2.000 |
| | SDT3308 | PS 568 | 11 | SOL | | 100X | 6.0 | 5.000 | 30.000 | H | 200J | | 40.000 | G | 10UA 100 | 35 | 2.000 |
| | SDT3309 | PS 568 | 11 | SOL | | 120X | 6.0 | 5.000 | 30.000 | H | 200J | | 40.000 | G | 10UA 120 | 35 | 2.000 |
| | SDT3321 | PS 211 | 5 | SOL | | 40X | 6.0 | 5.000 | 4.000 | H | 200J | | 40.000 | G | 10UA 40 | 70 | 2.000 |
| | SDT3322 | PS 211 | 5 | SOL | | 60X | 6.0 | 5.000 | 4.000 | H | 200J | | 40.000 | G | 10UA 60 | 70 | 2.000 |
| | SDT3323 | PS 211 | 5 | SOL | | 80X | 6.0 | 5.000 | 4.000 | H | 200J | | 40.000 | G | 10UA 80 | 70 | 2.000 |
| | SDT3324 | PS 211 | 5 | SOL | | 100X | 6.0 | 5.000 | 4.000 | H | 200J | | 40.000 | G | 10UA 100 | 70 | 2.000 |
| | SDT3325 | PS 211 | 5 | SOL | | 40X | 6.0 | 5.000 | 4.000 | H | 200J | | 40.000 | G | 10UA 40 | 35 | 2.000 |
| | SDT3326 | PS 211 | 5 | SOL | | 60X | 6.0 | 5.000 | 4.000 | H | 200J | | 40.000 | G | 10UA 60 | 35 | 2.000 |
| | SDT3327 | PS 211 | 5 | SOL | | 80X | 6.0 | 5.000 | 4.000 | H | 200J | | 40.000 | G | 10UA 80 | 35 | 2.000 |
| | SDT3328 | PS 211 | 5 | SOL | | 100X | 6.0 | 5.000 | 4.000 | H | 200J | | 40.000 | G | 10UA 100 | 35 | 2.000 |
| | SDT3329 | PS 211 | 5 | SOL | | 120X | 6.0 | 5.000 | 4.000 | H | 200J | | 40.000 | G | 10UA 120 | 35 | 2.000 |
| | SDT3401 | NS 568 | 11 | SOL | | 40X | 6.0 | 5.000 | 30.000 | H | 200J | | 40.000 | G | 10UA 40 | 70 | 2.000 |
| | SDT3402 | NS 568 | 11 | SOL | | 60X | 6.0 | 5.000 | 30.000 | H | 200J | | 40.000 | G | 10UA 60 | 70 | 2.000 |
| | SDT3403 | NS 568 | 11 | SOL | | 80X | 6.0 | 5.000 | 30.000 | H | 200J | | 40.000 | G | 10UA 80 | 70 | 2.000 |
| | SDT3404 | NS 568 | 11 | SOL | | 100X | 6.0 | 5.000 | 30.000 | H | 200J | | 40.000 | G | 10UA 100 | 70 | 2.000 |
| | SDT3405 | NS 568 | 11 | SOL | | 40X | 6.0 | 5.000 | 30.000 | H | 200J | | 40.000 | G | 10UA 40 | 35 | 2.000 |
| | SDT3406 | NS 568 | 11 | SOL | | 60X | 6.0 | 5.000 | 30.000 | H | 200J | | 40.000 | G | 10UA 60 | 35 | 2.000 |
| | SDT3407 | NS 568 | 11 | SOL | | 80X | 6.0 | 5.000 | 30.000 | H | 200J | | 40.000 | G | 10UA 80 | 35 | 2.000 |
| | SDT3408 | NS 568 | 11 | SOL | | 100X | 6.0 | 5.000 | 30.000 | H | 200J | | 40.000 | G | 10UA 100 | 35 | 2.000 |
| | SDT3409 | NS 568 | 11 | SOL | | 120X | 6.0 | 5.000 | 30.000 | H | 200J | | 40.000 | G | 10UA 120 | 35 | 2.000 |
| | SDT3421 | NS 211 | 5 | SOL | | 40X | 6.0 | 5.000 | 4.000 | H | 200J | | 40.000 | G | 10UA 40 | 70 | 2.000 |
| | SDT3422 | NS 211 | 5 | SOL | | 60X | 6.0 | 5.000 | 4.000 | H | 200J | | 40.000 | G | 10UA 60 | 70 | 2.000 |
| | SDT3423 | NS 211 | 5 | SOL | | 80X | 6.0 | 5.000 | 4.000 | H | 200J | | 40.000 | G | 10UA 80 | 70 | 2.000 |
| | SDT3424 | NS 211 | 5 | SOL | | 100X | 6.0 | 5.000 | 4.000 | H | 200J | | 40.000 | G | 10UA 100 | 70 | 2.000 |
| | SDT3425 | NS 211 | 5 | SOL | | 40X | 6.0 | 5.000 | 4.000 | H | 200J | | 40.000 | G | 10UA 40 | 35 | 2.000 |
| | SDT3426 | NS 211 | 5 | SOL | | 60X | 6.0 | 5.000 | 4.000 | H | 200J | | 40.000 | G | 10UA 60 | 35 | 2.000 |
| | SDT3427 | NS 211 | 5 | SOL | | 80X | 6.0 | 5.000 | 4.000 | H | 200J | | 40.000 | G | 10UA 80 | 35 | 2.000 |
| | SDT3428 | NS 211 | 5 | SOL | | 100X | 6.0 | 5.000 | 4.000 | H | 200J | | 40.000 | G | 10UA 100 | 35 | 2.000 |
| | SDT3429 | NS 211 | 5 | SOL | | 120X | 6.0 | 5.000 | 4.000 | H | 200J | | 40.000 | G | 10UA 120 | 35 | 2.000 |
| | SDT3501 | PS 211 | 5 | SOL | 40 | 40 | 6.0 | 2.000 | 4.000 | H | 200J | | 50.000 | G | 100NA 30 | 45 | .500 |
| | SDT3502 | PS 211 | 5 | SOL | 60 | 60 | 6.0 | 2.000 | 4.000 | H | 200J | | 50.000 | G | 100NA 40 | 45 | .500 |
| | SDT3503 | PS 211 | 5 | SOL | 80 | 80 | 6.0 | 2.000 | 4.000 | H | 200J | | 50.000 | G | 100NA 60 | 45 | .500 |
| | SDT3504 | PS 211 | 5 | SOL | 100 | 100 | 6.0 | 2.000 | 4.000 | H | 200J | | 50.000 | G | 100NA 80 | 45 | .500 |
| | SDT3505 | PS 211 | 5 | SOL | 40 | 40 | 6.0 | 2.000 | 4.000 | H | 200J | | 50.000 | G | 100NA 30 | 88 | .500 |
| | SDT3506 | PS 211 | 5 | SOL | 60 | 60 | 6.0 | 2.000 | 4.000 | H | 200J | | 50.000 | G | 100NA 40 | 88 | .500 |
| | SDT3507 | PS 211 | 5 | SOL | 80 | 80 | 6.0 | 2.000 | 4.000 | H | 200J | | 50.000 | G | 100NA 60 | 88 | .500 |
| | SDT3508 | PS 211 | 5 | SOL | 100 | 100 | 6.0 | 2.000 | 4.000 | H | 200J | | 50.000 | G | 100NA 80 | 88 | .500 |
| | SDT3509 | PS 605 | 66 | SOL | 40 | 40 | 6.0 | 2.000 | 16.600 | H | 200J | | 50.000 | G | 100NA 30 | 45 | .500 |
| | SDT3510 | PS 605 | 66 | SOL | 60 | 60 | 6.0 | 2.000 | 16.600 | H | 200J | | 50.000 | G | 100NA 40 | 45 | .500 |
| | SDT3511 | PS 605 | 66 | SOL | 80 | 80 | 6.0 | 2.000 | 16.600 | H | 200J | | 50.000 | G | 100NA 60 | 45 | .500 |
| | SDT3512 | PS 605 | 66 | SOL | 100 | 100 | 6.0 | 2.000 | 16.600 | H | 200J | | 50.000 | G | 100NA 80 | 45 | .500 |
| | SDT3513 | PS 605 | 66 | SOL | 40 | 40 | 6.0 | 2.000 | 16.600 | H | 200J | | 50.000 | G | 100NA 30 | 88 | .500 |
| | SDT3514 | PS 605 | 66 | SOL | 60 | 60 | 6.0 | 2.000 | 16.600 | H | 200J | | 50.000 | G | 100NA 40 | 88 | .500 |
| | SDT3515 | PS 605 | 66 | SOL | 80 | 80 | 6.0 | 2.000 | 16.600 | H | 200J | | 50.000 | G | 100NA 60 | 88 | .500 |
| | SDT3516 | PS 605 | 66 | SOL | 100 | 100 | 6.0 | 2.000 | 16.600 | H | 200J | | 50.000 | G | 100NA 80 | 88 | .500 |
| | SDT3550 | PS 211 | 5 | SOL | 60 | 60 | 6.0 | 2.000 | 5.000 | H | | | | | 100UA 60 | 55 | .250 |
| | SDT3551 | PS 211 | 5 | SOL | 80 | 80 | 6.0 | 2.000 | 5.000 | H | | | | | 100UA 80 | 55 | .250 |
| | SDT3552 | PS 211 | 5 | SOL | 40 | 40 | 5.0 | 2.000 | 5.000 | H | | | | | 100UA 40 | 45 | .500 |
| | SDT3553 | PS 211 | 5 | SOL | 60 | 60 | 5.0 | 2.000 | 5.000 | H | | | | | 100UA 60 | 45 | .500 |
| | SDT3554 | PS 211 | 5 | SOL | 80 | 80 | 5.0 | 2.000 | 5.000 | H | | | | | 100UA 80 | 45 | .500 |
| | SDT3575 | PS 605 | 66 | SOL | 40 | 40 | 6.0 | 2.000 | 40.000 | H | | | | | 100UA 40 | 68 | .250 |
| | SDT3576 | PS 605 | 66 | SOL | 60 | 60 | 6.0 | 2.000 | 40.000 | H | | | | | 100UA 60 | 68 | .250 |
| | SDT3577 | PS 605 | 66 | SOL | 80 | 80 | 6.0 | 2.000 | 40.000 | H | | | | | 100UA 80 | 68 | .250 |
| | SDT3578 | PS 605 | 66 | SOL | 40 | 40 | 5.0 | 2.000 | 40.000 | H | | | | | 100UA 20 | 50 | .500 |
| | SDT3579 | PS 605 | 66 | SOL | 60 | 60 | 5.0 | 2.000 | 40.000 | H | | | | | 100UA 30 | 50 | .500 |
| | SDT3601 | PS 403 | 68 | SOL | | 40X | 5.0 | 60.000 | 100.000 | H | 200J | | 2.500 | G | 10UA 40 | 20 | 4.000 |
| | SDT3602 | PS 403 | 68 | SOL | | 60X | 5.0 | 60.000 | 100.000 | H | 200J | | 2.500 | G | 10UA 60 | 20 | 4.000 |
| | SDT3603 | PS 403 | 68 | SOL | | 80X | 5.0 | 60.000 | 100.000 | H | 200J | | 2.500 | G | 10UA 80 | 20 | 4.000 |
| | SDT3604 | PS 403 | 68 | SOL | | 100X | 5.0 | 60.000 | 100.000 | H | 200J | | 2.500 | G | 10UA 100 | 20 | 4.000 |
| | SDT3620 | PS 403 | 68 | SOL | 80 | 60 | 8.0 | 70.000 | 100.000 | H | | | | | 10UA 60 | 15 | 75.000 |
| | SDT3621 | PS 403 | 68 | SOL | 100 | 80 | 8.0 | 70.000 | 100.000 | H | | | | | 10UA 60 | 15 | 75.000 |
| | SDT3622 | PS 403 | 68 | SOL | 120 | 100 | 8.0 | 70.000 | 100.000 | H | | | | | 10UA 60 | 15 | 75.000 |
| | SDT3623 | PS 403 | 68 | SOL | 140 | 120 | 8.0 | 70.000 | 100.000 | H | | | | | 10UA 60 | 15 | 75.000 |
| | SDT3701 | PS 605 | 66 | SOL | 40 | 40 | 6.0 | 5.000 | 40.000 | H | | | | | 1MA 40 | 47 | 1.000 |
| | SDT3702 | PS 605 | 66 | SOL | 60 | 60 | 6.0 | 5.000 | 40.000 | H | | | | | 1MA 60 | 47 | 1.000 |
| | SDT3703 | PS 605 | 66 | SOL | 40 | 40 | 5.0 | 5.000 | 40.000 | H | | | | | 100UA 40 | 40 | 1.000 |
| | SDT3704 | PS 605 | 66 | SOL | 60 | 60 | 5.0 | 5.000 | 40.000 | H | | | | | 100UA 60 | 40 | 1.000 |
| | SDT3705 | PS 605 | 66 | SOL | 80 | 80 | 5.0 | 5.000 | 40.000 | H | | | | | 100UA 80 | 40 | 1.000 |
| | SDT3706 | PS 605 | 66 | SOL | 30 | 30 | 4.0 | 5.000 | 40.000 | H | | | | | 200UA 25 | 35 | 1.000 |
| | SDT3707 | PS 605 | 66 | SOL | 45 | 45 | 4.0 | 5.000 | 40.000 | H | | | | | 200UA 40 | 35 | 1.000 |
| | SDT3708 | PS 605 | 66 | SOL | 60 | 60 | 4.0 | 5.000 | 40.000 | H | | | | | 200UA 54 | 35 | 1.000 |
| | SDT3709 | PS 605 | 66 | SOL | 30 | 30 | 4.0 | 5.000 | 40.000 | H | | | | | 200UA 25 | 95 | 1.000 |
| | SDT3710 | PS 605 | 66 | SOL | 45 | 45 | 4.0 | 5.000 | 40.000 | H | | | | | 200UA 40 | 95 | 1.000 |
| | SDT3711 | PS 605 | 66 | SOL | 60 | 60 | 4.0 | 5.000 | 40.000 | H | | | | | 200UA 54 | 95 | 1.000 |
| | SDT3712 | PS 605 | 66 | SOL | 40 | 40 | 6.0 | 5.000 | 40.000 | H | | | | | 75UA 40 | 35 | 2.000 |
| | SDT3713 | PS 605 | 66 | SOL | 60 | 60 | 6.0 | 5.000 | 40.000 | H | | | | | 75UA 60 | 35 | 2.000 |
| | SDT3714 | PS 605 | 66 | SOL | 80 | 80 | 6.0 | 5.000 | 40.000 | H | | | | | 75UA 80 | 35 | 2.000 |
| | SDT3715 | PS 605 | 66 | SOL | 40 | 40 | 6.0 | 5.000 | 40.000 | H | | | | | 75UA 40 | 35 | 2.000 |
| | SDT3716 | PS 605 | 66 | SOL | 40 | 40 | 6.0 | 5.000 | 40.000 | H | | | | | 1MA 40 | 21 | 1.000 |
| | SDT3717 | PS 605 | 66 | SOL | 60 | 60 | 6.0 | 5.000 | 40.000 | H | | | | | 1MA 60 | 21 | 1.000 |
| | SDT3718 | PS 605 | 66 | SOL | 80 | 80 | 6.0 | 5.000 | 40.000 | H | | | | | 1MA 80 | 21 | 1.000 |
| | SDT3719 | PS 605 | 66 | SOL | 100 | 100 | 6.0 | 5.000 | 40.000 | H | | | | | 1MA 100 | 21 | 1.000 |
| | SDT3720 | PS 605 | 66 | SOL | 40 | 40 | 6.0 | 5.000 | 40.000 | H | | | | | 1MA 40 | 60 | 1.000 |
| | SDT3721 | PS 605 | 66 | SOL | 40 | 40 | 6.0 | 5.000 | 40.000 | H | | | | | 1MA 40 | 18 | 2.000 |
| | SDT3722 | PS 605 | 66 | SOL | 60 | 60 | 6.0 | 5.000 | 40.000 | H | | | | | 1MA 60 | 18 | 2.000 |
| | SDT3723 | PS 605 | 66 | SOL | 80 | 80 | 6.0 | 5.000 | 40.000 | H | | | | | 1MA 80 | 18 | 2.000 |
| | SDT3724 | PS 605 | 66 | SOL | 100 | 100 | 6.0 | 5.000 | 40.000 | H | | | | | 1MA 100 | 18 | 2.000 |
| | SDT3725 | PS 605 | 66 | SOL | 40 | 40 | 6.0 | 5.000 | 40.000 | H | | | | | 1MA 40 | 60 | 2.000 |
| | SDT3726 | PS 605 | 66 | SOL | 40 | 40 | 5.0 | 5.000 | 40.000 | H | | | | | 100UA 40 | 50 | 2.500 |
| | SDT3727 | PS 605 | 66 | SOL | 60 | 60 | 5.0 | 5.000 | 40.000 | H | | | | | 100UA 60 | 50 | 2.500 |
| | SDT3728 | PS 605 | 66 | SOL | 80 | 80 | 5.0 | 5.000 | 40.000 | H | | | | | 100UA 80 | 50 | 2.500 |
| | SDT3729 | PS 605 | 66 | SOL | 40 | 40 | 6.0 | 5.000 | 40.000 | H | | | | | 1MA 40 | 18 | 3.000 |
| | SDT3730 | PS 605 | 66 | SOL | 60 | 60 | 6.0 | 5.000 | 40.000 | H | | | | | 1MA 60 | 18 | 3.000 |
| | SDT3731 | PS 605 | 66 | SOL | 80 | 80 | 6.0 | 5.000 | 40.000 | H | | | | | 1MA 80 | 18 | 3.000 |
| | SDT3732 | PS 605 | 66 | SOL | 100 | 100 | 6.0 | 5.000 | 40.000 | H | | | | | 1MA 100 | 18 | 3.000 |
| | SDT3733 | PS 605 | 66 | SOL | 40 | 40 | 6.0 | 5.000 | 40.000 | H | | | | | 1MA 40 | 60 | 3.000 |
| | SDT3750 | PS 605 | 3 | SOL | 40 | 40 | 6.0 | 5.000 | 50.000 | H | | | | | 1MA 40 | 70 | 1.000 |
| | SDT3751 | PS 605 | 3 | SOL | 60 | 60 | 6.0 | 5.000 | 50.000 | H | | | | | 1MA 60 | 70 | 1.000 |
| | SDT3752 | PS 605 | 3 | SOL | | 40 | 6.0 | 5.000 | 50.000 | H | | | | | 1MA 40 | 21 | 1.000 |
| | SDT3753 | PS 605 | 3 | SOL | 60 | 60 | 6.0 | 5.000 | 50.000 | H | | | | | 1MA 60 | 21 | 1.000 |
| | SDT3754 | PS 605 | 3 | SOL | 80 | 80 | 6.0 | 5.000 | 50.000 | H | | | | | 1MA 80 | 21 | 1.000 |
| | SDT3755 | PS 605 | 3 | SOL | 100 | 100 | 6.0 | 5.000 | 50.000 | H | | | | | 1MA 100 | 21 | 1.000 |
| | SDT3756 | PS 605 | 3 | SOL | 40 | 40 | 6.0 | 5.000 | 50.000 | H | | | | | 1MA 40 | 60 | 1.000 |
| | SDT3757 | PS 605 | 3 | SOL | 40 | 40 | 6.0 | 5.000 | 50.000 | H | | | | | 1MA 40 | 18 | 2.000 |
| | SDT3758 | PS 605 | 3 | SOL | 60 | 60 | 6.0 | 5.000 | 50.000 | H | | | | | 1MA 60 | 18 | 2.000 |
| | SDT3759 | PS 605 | 3 | SOL | 80 | 80 | 6.0 | 5.000 | 50.000 | H | | | | | 1MA 80 | 18 | 2.000 |
| | SDT3760 | PS 605 | 3 | SOL | 100 | 100 | 6.0 | 5.000 | 50.000 | H | | | | | 1MA 100 | 18 | 2.000 |
| | SDT3761 | PS 605 | 3 | SOL | 40 | 40 | 6.0 | 5.000 | 50.000 | H | | | | | 1MA 40 | 60 | 2.000 |
| | SDT3762 | PS 605 | 3 | SOL | 40 | 40 | 6.0 | 5.000 | 50.000 | H | | | | | 1MA 40 | 18 | 3.000 |
| | SDT3763 | PS 605 | 3 | SOL | 60 | 60 | 6.0 | 5.000 | 50.000 | H | | | | | 1MA 60 | 18 | 3.000 |
| | SDT3764 | PS 605 | 3 | SOL | 80 | 80 | 6.0 | 5.000 | 50.000 | H | | | | | 1MA 80 | 18 | 3.000 |
| | SDT3765 | PS 605 | 3 | SOL | 100 | 100 | 6.0 | 5.000 | 50.000 | H | | | | | 1MA 100 | 18 | 3.000 |
| | SDT3766 | PS 605 | 3 | SOL | 40 | 40 | 6.0 | 5.000 | 50.000 | H | | | | | 1MA 40 | 60 | 3.000 |
| | SDT3775 | PS 211 | 5 | SOL | 40 | 40 | 6.0 | 5.000 | 4.000 | H | | | | | 75UA 40 | 35 | 2.000 |
| | SDT3776 | PS 211 | 5 | SOL | 60 | 60 | 6.0 | 5.000 | 4.000 | H | | | | | 75UA 60 | 35 | 2.000 |
| | SDT3777 | PS 211 | 5 | SOL | 80 | 80 | 6.0 | 5.000 | 4.000 | H | | | | | 75UA 80 | 35 | 2.000 |
| | SDT3778 | PS 211 | 5 | SOL | 40 | 40 | 6.0 | 5.000 | 4.000 | H | | | | | 75UA 40 | 35 | 2.000 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. / Temp. (°C) Cond. | | | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ $I_C$(A) | |
| | SDT3801 | PS 605 | 66 | SOL | 60 | 60 | 6.0 | 15.000 | 40.000 | H | | | 1MA | 60 | 47 | 1.000 |
| | SDT3802 | PS 605 | 66 | SOL | 80 | 80 | 6.0 | 15.000 | 40.000 | H | | | 1MA | 80 | 47 | 1.000 |
| | SDT3803 | PS 605 | 66 | SOL | 60 | 60 | 6.0 | 15.000 | 40.000 | H | | | 1MA | 60 | 95 | 1.000 |
| | SDT3804 | PS 605 | 66 | SOL | 80 | 80 | 6.0 | 15.000 | 40.000 | H | | | 1MA | 80 | 95 | 1.000 |
| | SDT3805 | PS 605 | 66 | SOL | 40 | 40 | 5.0 | 10.000 | 40.000 | H | | | 100UA | 40 | 40 | 5.000 |
| | SDT3806 | PS 605 | 66 | SOL | 80 | 80 | 5.0 | 10.000 | 40.000 | H | | | 100UA | 80 | 40 | 5.000 |
| | SDT3807 | PS 605 | 66 | SOL | 40 | 40 | 5.0 | 10.000 | 40.000 | H | | | 100UA | 40 | 60 | 5.000 |
| | SDT3825 | PS 605 | 3 | SOL | 40 | 40 | 5.0 | 10.000 | 50.000 | H | | | 100UA | 40 | 40 | 5.000 |
| | SDT3826 | PS 605 | 3 | SOL | 80 | 80 | 5.0 | 10.000 | 50.000 | H | | | 100UA | 80 | 40 | 5.000 |
| | SDT3827 | PS 605 | 3 | SOL | 40 | 40 | 5.0 | 10.000 | 50.000 | H | | | 100UA | 40 | 60 | 5.000 |
| | SDT3850 | PS 605 | 66 | SOL | 40 | 40 | 5.0 | 10.000 | 40.000 | H | | | 100UA | 40 | 40 | 10.000 |
| | SDT3851 | PS 605 | 66 | SOL | 80 | 80 | 5.0 | 10.000 | 40.000 | H | | | 100UA | 80 | 40 | 10.000 |
| | SDT3852 | PS 605 | 66 | SOL | 40 | 40 | 5.0 | 10.000 | 40.000 | H | | | 100UA | 40 | 60 | 10.000 |
| | SDT3875 | PS 605 | 3 | SOL | 40 | 40 | 5.0 | 10.000 | 50.000 | H | | | 100UA | 40 | 40 | 10.000 |
| | SDT3876 | PS 605 | 3 | SOL | 80 | 80 | 5.0 | 10.000 | 50.000 | H | | | 100UA | 80 | 40 | 10.000 |
| | SDT3877 | PS 605 | 3 | SOL | 40 | 40 | 5.0 | 10.000 | 50.000 | H | | | 100UA | 40 | 60 | 10.000 |
| | SDT3901 | PS 563 | 114 | SOL | | 40X | 5.0 | 60.000 | 125.000 | H 200J | | 2.500 G | 10UA | 40 | 20 | 4.000 |
| | SDT3902 | PS 563 | 114 | SOL | | 60X | 5.0 | 60.000 | 125.000 | H 200J | | 2.500 G | 10UA | 60 | 20 | 4.000 |
| | SDT3903 | PS 563 | 114 | SOL | | 80X | 5.0 | 60.000 | 125.000 | H 200J | | 2.500 G | 10UA | 80 | 20 | 4.000 |
| | SDT3904 | PS 563 | 114 | SOL | | 100X | 5.0 | 60.000 | 125.000 | H 200J | | 2.500 G | 10UA | 100 | 20 | 4.000 |
| | SDT3920 | PS 563 | 114 | SOL | 80 | 60 | 8.0 | 100.000 | 125.000 | H | | | 10UA | 60 | 15 | 75.000 |
| | SDT3921 | PS 563 | 114 | SOL | 100 | 80 | 8.0 | 100.000 | 125.000 | H | | | 10UA | 60 | 15 | 75.000 |
| | SDT3922 | PS 563 | 114 | SOL | 120 | 100 | 8.0 | 100.000 | 125.000 | H | | | 10UA | 60 | 15 | 75.000 |
| | SDT3923 | PS 563 | 114 | SOL | 140 | 120 | 8.0 | 100.000 | 125.000 | H | | | 10UA | 60 | 15 | 75.000 |
| | SDT4301 | NS 211 | 5 | SOL | 40 | 40 | 10.0 | 2.000 | 5.000 | H 200J | | 4.000 G | 150UA | 30 | 35 | .500 |
| | SDT4302 | NS 211 | 5 | SOL | 60 | 60 | 10.0 | 2.000 | 5.000 | H 200J | | 4.000 G | 150UA | 40 | 35 | .500 |
| | SDT4303 | NS 211 | 5 | SOL | 80 | 80 | 10.0 | 2.000 | 5.000 | H 200J | | 4.000 G | 150UA | 60 | 35 | .500 |
| | SDT4304 | NS 211 | 5 | SOL | 40 | 40 | 10.0 | 2.000 | 5.000 | H 200J | | 4.000 G | 150UA | 30 | 70 | .500 |
| | SDT4305 | NS 211 | 5 | SOL | 60 | 60 | 10.0 | 2.000 | 5.000 | H 200J | | 4.000 G | 150UA | 40 | 70 | .500 |
| | SDT4306 | NS 211 | 5 | SOL | 80 | 80 | 10.0 | 2.000 | 5.000 | H 200J | | 4.000 G | 150UA | 60 | 70 | .500 |
| | SDT4307 | NS 211 | 5 | SOL | 40 | 40 | 10.0 | 2.000 | 5.000 | H 200J | | 4.000 G | 150UA | 30 | 35 | 1.000 |
| | SDT4308 | NS 211 | 5 | SOL | 60 | 60 | 10.0 | 2.000 | 5.000 | H 200J | | 4.000 G | 150UA | 40 | 35 | 1.000 |
| | SDT4309 | NS 211 | 5 | SOL | 8 | 80 | 10.0 | 2.000 | 5.000 | H 200J | | 4.000 G | 150UA | 60 | 35 | 1.000 |
| | SDT4310 | NS 211 | 5 | SOL | 40 | 40 | 10.0 | 2.000 | 5.000 | H 200J | | 4.000 G | 150UA | 30 | 70 | 1.000 |
| | SDT4311 | NS 211 | 5 | SOL | 60 | 60 | 10.0 | 2.000 | 5.000 | H 200J | | 4.000 G | 150UA | 40 | 70 | 1.000 |
| | SDT4312 | NS 211 | 5 | SOL | 80 | 80 | 10.0 | 2.000 | 5.000 | H 200J | | 4.000 G | 150UA | 60 | 70 | 1.000 |
| | SDT4451 | NS 211 | 5 | SOL | 80 | 40 | 8.0 | 5.000 | 1.250 | A 200J | | 70.000 G | 1UA | 60 | 35 | 1.000 |
| | SDT4452 | NS 211 | 5 | SOL | 100 | 80 | 8.0 | 5.000 | 1.250 | A 200J | | 70.000 G | 1UA | 60 | 35 | 1.000 |
| | SDT4453 | NS 211 | 5 | SOL | 80 | 40 | 8.0 | 5.000 | 1.250 | A 200J | | 70.000 G | 1UA | 60 | 70 | 1.000 |
| | SDT4454 | NS 211 | 5 | SOL | 100 | 80 | 8.0 | 5.000 | 1.250 | A 200J | | 70.000 G | 1UA | 60 | 70 | 1.000 |
| | SDT4455 | NS 211 | 5 | SOL | 80 | 40 | 8.0 | 5.000 | 1.250 | A 200J | | 70.000 G | 1UA | 60 | 150 | 1.000 |
| | SDT4456 | NS 211 | 5 | SOL | 100 | 80 | 8.0 | 5.000 | 1.250 | A 200J | | 70.000 G | 1UA | 60 | 150 | 1.000 |
| | SDT4483 | NS 211 | 5 | SOL | 60 | 40 | 5.0 | 5.000 | 1.250 | A 200J | | 70.000 G | 1UA | 60 | 35 | 1.000 |
| | SDT4551 | NS 490 A | | SOL | 80 | 40 | 8.0 | 5.000 | 20.000 | H 200J | | 70.000 G | 1UA | 60 | 35 | 1.000 |
| | SDT4552 | NS 490 A | | SOL | 100 | 80 | 8.0 | 5.000 | 20.000 | H 200J | | 70.000 G | 1UA | 60 | 35 | 1.000 |
| | SDT4553 | NS 490 A | | SOL | 80 | 40 | 8.0 | 5.000 | 20.000 | H 200J | | 70.000 G | 1UA | 60 | 70 | 1.000 |
| | SDT4554 | NS 490 A | | SOL | 100 | 80 | 8.0 | 5.000 | 20.000 | H 200J | | 70.000 G | 1UA | 60 | 70 | 1.000 |
| | SDT4555 | NS 490 A | | SOL | 80 | 40 | 8.0 | 5.000 | 20.000 | H 200J | | 70.000 G | 1UA | 60 | 150 | 1.000 |
| | SDT4556 | NS 490 A | | SOL | 100 | 80 | 8.0 | 5.000 | 20.000 | H 200J | | 70.000 G | 1UA | 60 | 150 | 1.000 |
| | SDT4583 | NS 490 A | | SOL | 60 | 40 | 5.0 | 5.000 | 20.000 | H 200J | | 70.000 G | 1UA | 60 | 35 | 1.000 |
| | SDT4901 | NS 211 | 5 | SOL | 225 | 200 | 8.0 | 5.000 | 4.000 | H 200J | | 40.000 G | 1UA | 100 | 35 | 1.000 |
| | SDT4902 | NS 211 | 5 | SOL | 250 | 225 | 8.0 | 5.000 | 4.000 | H 200J | | 40.000 G | 1UA | 100 | 35 | 1.000 |
| | SDT4903 | NS 211 | 5 | SOL | 275 | 250 | 8.0 | 5.000 | 4.000 | H 200J | | 40.000 G | 1UA | 100 | 35 | 1.000 |
| | SDT4904 | NS 211 | 5 | SOL | 300 | 275 | 8.0 | 5.000 | 4.000 | H 200J | | 40.000 G | 1UA | 100 | 35 | 1.000 |
| | SDT4905 | NS 211 | 5 | SOL | 325 | 300 | 8.0 | 5.000 | 4.000 | H 200J | | 40.000 G | 1UA | 100 | 35 | 1.000 |
| | SDT4921 | NS 211 | 5 | SOL | 225 | 200 | 8.0 | 5.000 | 4.000 | H | | | 1MA | 100 | 35 | 1.000 |
| | SDT4922 | NS 211 | 5 | SOL | 250 | 225 | 8.0 | 5.000 | 4.000 | H | | | 1MA | 100 | 35 | 1.000 |
| | SDT4923 | NS 211 | 5 | SOL | 275 | 250 | 8.0 | 5.000 | 4.000 | H | | | 1MA | 100 | 35 | 1.000 |
| | SDT4924 | NS 211 | 5 | SOL | 300 | 275 | 8.0 | 5.000 | 4.000 | H | | | 1MA | 100 | 35 | 1.000 |
| | SDT4925 | NS 211 | 5 | SOL | 325 | 300 | 8.0 | 5.000 | 4.000 | H | | | 1MA | 100 | 35 | 1.000 |
| | SDT5001 | NS 211 | 46 | SOL | 60 | 40 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 30 | 88 | .500 |
| | SDT5002 | NS 211 | 46 | SOL | 80 | 60 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 30 | 88 | .500 |
| | SDT5003 | NS 211 | 46 | SOL | 100 | 80 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 60 | 88 | .500 |
| | SDT5004 | NS 211 | 46 | SOL | 140 | 100 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 60 | 88 | .500 |
| | SDT5005 | NS 211 | 46 | SOL | 180 | 120 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 60 | 88 | .500 |
| | SDT5006 | NS 211 | 46 | SOL | 60 | 40 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 30 | 45 | .500 |
| | SDT5007 | NS 211 | 46 | SOL | 80 | 60 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 30 | 45 | .500 |
| | SDT5008 | NS 211 | 46 | SOL | 100 | 80 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 60 | 45 | .500 |
| | SDT5009 | NS 211 | 46 | SOL | 140 | 100 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 60 | 45 | .500 |
| | SDT5010 | NS 211 | 46 | SOL | 180 | 120 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 60 | 45 | .500 |
| | SDT5011 | NS 211 | 46 | SOL | 60 | 40 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 30 | 180 | .500 |
| | SDT5012 | NS 211 | 46 | SOL | 80 | 60 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 30 | 180 | .500 |
| | SDT5013 | NS 211 | 46 | SOL | 100 | 80 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 60 | 180 | .500 |
| | SDT5014 | NS 211 | 46 | SOL | 140 | 100 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 60 | 180 | .500 |
| | SDT5015 | NS 211 | 46 | SOL | 180 | 120 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 60 | 180 | .500 |
| | SDT5051 | NS 211 | 46 | SOL | 175 | 150 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 60 | 88 | .500 |
| | SDT5052 | NS 211 | 46 | SOL | 200 | 175 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 60 | 88 | .500 |
| | SDT5053 | NS 211 | 46 | SOL | 225 | 200 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 60 | 88 | .500 |
| | SDT5054 | NS 211 | 46 | SOL | 175 | 150 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 60 | 45 | .500 |
| | SDT5055 | NS 211 | 46 | SOL | 200 | 175 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 60 | 45 | .500 |
| | SDT5056 | NS 211 | 46 | SOL | 225 | 200 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 60 | 45 | .500 |
| | SDT5501 | NS 211 | 5 | SOL | 60 | 40 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 30 | 88 | .500 |
| | SDT5502 | NS 211 | 5 | SOL | 80 | 60 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 30 | 88 | .500 |
| | SDT5503 | NS 211 | 5 | SOL | 100 | 80 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 60 | 88 | .500 |
| | SDT5504 | NS 211 | 5 | SOL | 140 | 100 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 60 | 88 | .500 |
| | SDT5505 | NS 211 | 5 | SOL | 180 | 140 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 60 | 88 | .500 |
| | SDT5506 | NS 211 | 5 | SOL | 60 | 40 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 30 | 45 | .500 |
| | SDT5507 | NS 211 | 5 | SOL | 80 | 60 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 30 | 45 | .500 |
| | SDT5508 | NS 211 | 5 | SOL | 100 | 80 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 60 | 45 | .500 |
| | SDT5509 | NS 211 | 5 | SOL | 140 | 100 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 60 | 45 | .500 |
| | SDT5510 | NS 211 | 5 | SOL | 180 | 140 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 60 | 45 | .500 |
| | SDT5511 | NS 211 | 5 | SOL | 60 | 40 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 30 | 180 | .500 |
| | SDT5512 | NS 211 | 5 | SOL | 80 | 60 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 30 | 180 | .500 |
| | SDT5513 | NS 211 | 5 | SOL | 100 | 80 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 60 | 180 | .500 |
| | SDT5514 | NS 211 | 5 | SOL | 140 | 100 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 60 | 180 | .500 |
| | SDT5515 | NS 211 | 5 | SOL | 180 | 140 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 60 | 180 | .500 |
| | SDT5551 | NS 211 | 5 | SOL | 175 | 150 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 60 | 88 | .500 |
| | SDT5552 | NS 211 | 5 | SOL | 200 | 175 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 60 | 88 | .500 |
| | SDT5553 | NS 211 | 5 | SOL | 225 | 200 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 60 | 88 | .500 |
| | SDT5554 | NS 211 | 5 | SOL | 175 | 150 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 60 | 45 | .500 |
| | SDT5555 | NS 211 | 5 | SOL | 200 | 175 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 60 | 45 | .500 |
| | SDT5556 | NS 211 | 5 | SOL | 225 | 200 | 8.0 | 2.000 | 4.000 | H 200J | | 85.000 G | 100NA | 60 | 45 | .500 |
| | SDT5901 | NS 605 | 3 | SOL | 60 | 40 | 8.0 | 2.000 | 16.600 | H 200J | | 85.000 G | 100NA | 30 | 88 | .500 |
| | SDT5902 | NS 605 | 3 | SOL | 80 | 60 | 8.0 | 2.000 | 16.600 | H 200J | | 85.000 G | 100NA | 30 | 88 | .500 |
| | SDT5903 | NS 605 | 3 | SOL | 100 | 80 | 8.0 | 2.000 | 16.600 | H 200J | | 85.000 G | 100NA | 60 | 88 | .500 |
| | SDT5904 | NS 605 | 3 | SOL | 140 | 100 | 8.0 | 2.000 | 16.600 | H 200J | | 85.000 G | 100NA | 60 | 88 | .500 |
| | SDT5905 | NS 605 | 3 | SOL | 180 | 120 | 8.0 | 2.000 | 16.600 | H 200J | | 85.000 G | 100NA | 60 | 88 | .500 |
| | SDT5906 | NS 605 | 3 | SOL | 60 | 40 | 8.0 | 2.000 | 16.600 | H 200J | | 85.000 G | 100NA | 30 | 45 | .500 |
| | SDT5907 | NS 605 | 3 | SOL | 80 | 60 | 8.0 | 2.000 | 16.600 | H 200J | | 85.000 G | 100NA | 30 | 45 | .500 |
| | SDT5908 | NS 605 | 3 | SOL | 100 | 80 | 8.0 | 2.000 | 16.600 | H 200J | | 85.000 G | 100NA | 60 | 45 | .500 |
| | SDT5909 | NS 605 | 3 | SOL | 140 | 100 | 8.0 | 2.000 | 16.600 | H 200J | | 85.000 G | 100NA | 60 | 45 | .500 |
| | SDT5910 | NS 605 | 3 | SOL | 180 | 120 | 8.0 | 2.000 | 16.600 | H 200J | | 85.000 G | 100NA | 60 | 45 | .500 |
| | SDT5911 | NS 605 | 3 | SOL | 60 | 40 | 8.0 | 2.000 | 16.600 | H 200J | | 85.000 G | 100NA | 30 | 180 | .500 |
| | SDT5912 | NS 605 | 3 | SOL | 80 | 60 | 8.0 | 2.000 | 16.600 | H 200J | | 85.000 G | 100NA | 30 | 180 | .500 |
| | SDT5913 | NS 605 | 3 | SOL | 100 | 80 | 8.0 | 2.000 | 16.600 | H 200J | | 85.000 G | 100NA | 60 | 180 | .500 |
| | SDT5914 | NS 605 | 3 | SOL | 140 | 100 | 8.0 | 2.000 | 16.600 | H 200J | | 85.000 G | 100NA | 60 | 180 | .500 |
| | SDT5915 | NS 605 | 3 | SOL | 180 | 120 | 8.0 | 2.000 | 16.600 | H 200J | | 85.000 G | 100NA | 60 | 180 | .500 |
| | SDT5951 | NS 605 | 3 | SOL | 175 | 150 | 8.0 | 2.000 | 16.600 | H 200J | | 85.000 G | 100NA | 60 | 88 | .500 |
| | SDT5952 | NS 605 | 3 | SOL | 200 | 175 | 8.0 | 2.000 | 16.600 | H 200J | | 85.000 G | 100NA | 60 | 88 | .500 |
| | SDT5953 | NS 605 | 3 | SOL | 225 | 200 | 8.0 | 2.000 | 16.600 | H 200J | | 85.000 G | 100NA | 60 | 88 | .500 |
| | SDT5954 | NS 605 | 3 | SOL | 175 | 150 | 8.0 | 2.000 | 16.600 | H 200J | | 85.000 G | 100NA | 60 | 45 | .500 |
| | SDT5955 | NS 605 | 3 | SOL | 200 | 175 | 8.0 | 2.000 | 16.600 | H 200J | | 85.000 G | 100NA | 60 | 45 | .500 |
| | SDT5956 | NS 605 | 3 | SOL | 225 | 200 | 8.0 | 2.000 | 16.600 | H 200J | | 85.000 G | 100NA | 60 | 45 | .500 |
| | SDT6001 | NS 561 | 62 | SOL | 100 | 50 | 5.0 | 5.000 | 40.000 | H 200J | | 70.000 G | 1UA | 60 | 15 | 1.000 |
| | SDT6011 | NS 561 | 62 | SOL | 80 | 40 | 8.0 | 5.000 | 40.000 | H 200J | | 70.000 G | 1UA | 60 | 35 | 1.000 |
| | SDT6012 | NS 561 | 62 | SOL | 100 | 80 | 8.0 | 5.000 | 40.000 | H 200J | | 70.000 G | 1UA | 60 | 35 | 1.000 |
| | SDT6013 | NS 561 | 62 | SOL | 80 | 40 | 8.0 | 5.000 | 40.000 | H 200J | | 70.000 G | 1UA | 60 | 70 | 1.000 |
| | SDT6014 | NS 561 | 62 | SOL | 100 | 80 | 8.0 | 5.000 | 40.000 | H 200J | | 70.000 G | 1UA | 60 | 70 | 1.000 |
| | SDT6015 | NS 561 | 62 | SOL | 80 | 40 | 8.0 | 5.000 | 40.000 | H 200J | | 70.000 G | 1UA | 60 | 150 | 1.000 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. / Temp. (°C) | | | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ $I_C$(A) | |
| | SDT6016 | NS 561 | 62 | SOL | 100 | 100 | 8.0 | 5.000 | 40.000 H | 200J | 70.000 | G | 1UA | 60 | 150 | 1.000 |
| | SDT6031 | NS 561 | 62 | SOL | 60 | 40 | 5.0 | 5.000 | 40.000 H | 200J | 70.000 | G | 1UA | 60 | 35 | 1.000 |
| | SDT6101 | NS 211 | 5 | SOL | 65 | 30 | 4.0 | 10.000 | 4.000 H | | 450.000 | G | | | 15 | 2.000 |
| | SDT6102 | NS 211 | 5 | SOL | 65 | 40 | 4.0 | 10.000 | 4.000 H | | 450.000 | G | | | 15 | 2.000 |
| | SDT6103 | NS 211 | 5 | SOL | 65 | 50 | 4.0 | 10.000 | 4.000 H | | 450.000 | G | | | 15 | 2.000 |
| | SDT6104 | NS 540 | 60 | SOL | 65 | 30 | 4.0 | 10.000 | 100.000 H | | 450.000 | G | | | 15 | 2.000 |
| | SDT6105 | NS 540 | 60 | SOL | 65 | 40 | 4.0 | 10.000 | 100.000 H | | 450.000 | G | | | 15 | 2.000 |
| | SDT6106 | NS 540 | 60 | SOL | 65 | 50 | 4.0 | 10.000 | 100.000 H | | 450.000 | G | | | 15 | 2.000 |
| | SDT6110 | NS 211 | 5 | SOL | 65 | 30 | 4.0 | 10.000 | 4.000 H | | 350.000 | G | | | 15 | 5.000 |
| | SDT6111 | NS 211 | 5 | SOL | 65 | 40 | 4.0 | 10.000 | 4.000 H | | 350.000 | G | | | 15 | 5.000 |
| | SDT6112 | NS 211 | 5 | SOL | 65 | 50 | 4.0 | 10.000 | 4.000 H | | 350.000 | G | | | 15 | 5.000 |
| | SDT6113 | NS 540 | 60 | SOL | 65 | 30 | 4.0 | 10.000 | 10.000 H | | 350.000 | G | | | 15 | 5.000 |
| | SDT6114 | NS 540 | 60 | SOL | 65 | 40 | 4.0 | 10.000 | 10.000 H | | 350.000 | G | | | 15 | 5.000 |
| | SDT6115 | NS 540 | 60 | SOL | 65 | 50 | 4.0 | 10.000 | 10.000 H | | 350.000 | G | | | 15 | 5.000 |
| | SDT6308 | NS 581 | 111 | SOL | 60 | 40 | 8.0 | 5.000 | 30.000 H | 200J | 70.000 | G | 1UA | 60 | 35 | 1.000 |
| | SDT6309 | NS 581 | 111 | SOL | 80 | 60 | 8.0 | 5.000 | 30.000 H | 200J | 70.000 | G | 1UA | 60 | 35 | 1.000 |
| | SDT6310 | NS 581 | 111 | SOL | 100 | 80 | 8.0 | 5.000 | 30.000 H | 200J | 70.000 | G | 1UA | 60 | 35 | 1.000 |
| | SDT6311 | NS 581 | 111 | SOL | 60 | 40 | 8.0 | 5.000 | 30.000 H | 200J | 70.000 | G | 1UA | 60 | 70 | 1.000 |
| | SDT6312 | NS 581 | 111 | SOL | 80 | 60 | 8.0 | 5.000 | 30.000 H | 200J | 70.000 | G | 1UA | 60 | 70 | 1.000 |
| | SDT6313 | NS 581 | 111 | SOL | 100 | 80 | 8.0 | 5.000 | 30.000 H | 200J | 70.000 | G | 1UA | 60 | 70 | 1.000 |
| | SDT6314 | NS 581 | 111 | SOL | 60 | 40 | 8.0 | 5.000 | 30.000 H | 200J | 70.000 | G | 1UA | 60 | 150 | 1.000 |
| | SDT6315 | NS 581 | 111 | SOL | 80 | 60 | 8.0 | 5.000 | 30.000 H | 200J | 70.000 | G | 1UA | 60 | 150 | 1.000 |
| | SDT6316 | NS 581 | 111 | SOL | 100 | 80 | 8.0 | 5.000 | 30.000 H | 200J | 70.000 | G | 1UA | 60 | 150 | 1.000 |
| | SDT6408 | NS 568 | 111 | SOL | 60 | 40 | 8.0 | 5.000 | 30.000 H | 200J | 70.000 | G | 1UA | 60 | 35 | 1.000 |
| | SDT6409 | NS 568 | 111 | SOL | 80 | 60 | 8.0 | 5.000 | 30.000 H | 200J | 70.000 | G | 1UA | 60 | 35 | 1.000 |
| | SDT6410 | NS 568 | 111 | SOL | 100 | 80 | 8.0 | 5.000 | 30.000 H | 200J | 70.000 | G | 1UA | 60 | 35 | 1.000 |
| | SDT6411 | NS 568 | 111 | SOL | 60 | 40 | 8.0 | 5.000 | 30.000 H | 200J | 70.000 | G | 1UA | 60 | 70 | 1.000 |
| | SDT6412 | NS 568 | 111 | SOL | 80 | 60 | 8.0 | 5.000 | 30.000 H | 200J | 70.000 | G | 1UA | 60 | 70 | 1.000 |
| | SDT6413 | NS 568 | 111 | SOL | 100 | 80 | 8.0 | 5.000 | 30.000 H | 200J | 70.000 | G | 1UA | 60 | 70 | 1.000 |
| | SDT6414 | NS 568 | 111 | SOL | 60 | 40 | 8.0 | 5.000 | 30.000 H | 200J | 70.000 | G | 1UA | 60 | 150 | 1.000 |
| | SDT6415 | NS 568 | 111 | SOL | 80 | 60 | 8.0 | 5.000 | 30.000 H | 200J | 70.000 | G | 1UA | 60 | 150 | 1.000 |
| | SDT6416 | NS 568 | 111 | SOL | 100 | 80 | 8.0 | 5.000 | 30.000 H | 200J | 70.000 | G | UA | 60 | 150 | 1.000 |
| | SDT6901 | NS 605 | 66 | SOL | 145 | 125 | 8.0 | 5.000 | 20.000 H | 200J | 20.000 | G | 1UA | 60 | 35 | 1.000 |
| | SDT6902 | NS 605 | 66 | SOL | 170 | 150 | 8.0 | 5.000 | 20.000 H | 200J | 20.000 | G | 1UA | 60 | 35 | 1.000 |
| | SDT6903 | NS 605 | 66 | SOL | 195 | 175 | 8.0 | 5.000 | 20.000 H | 200J | 20.000 | G | 1UA | 60 | 35 | 1.000 |
| | SDT6904 | NS 605 | 66 | SOL | 220 | 200 | 8.0 | 5.000 | 20.000 H | 200J | 20.000 | G | 1UA | 60 | 35 | 1.000 |
| | SDT6905 | NS 605 | 66 | SOL | 145 | 125 | 8.0 | 5.000 | 20.000 H | 200J | 20.000 | G | 1UA | 60 | 70 | 1.000 |
| | SDT6906 | NS 605 | 66 | SOL | 170 | 150 | 8.0 | 5.000 | 20.000 H | 200J | 20.000 | G | 1UA | 60 | 70 | 1.000 |
| | SDT6907 | NS 605 | 66 | SOL | 195 | 175 | 8.0 | 5.000 | 20.000 H | 200J | 20.000 | G | 1UA | 60 | 70 | 1.000 |
| | SDT6908 | NS 605 | 66 | SOL | 220 | 200 | 8.0 | 5.000 | 20.000 H | 200J | 20.000 | G | 1UA | 60 | 70 | 1.000 |
| | SDT7011 | NS 561 | 61 | SOL | 60 | 40 | 5.0 | 10.000 | 50.000 H | 200J | 60.000 | G | 1UA | 60 | 35 | 5.000 |
| | SDT7012 | NS 561 | 61 | SOL | 80 | 60 | 5.0 | 10.000 | 50.000 H | 200J | 60.000 | G | 1UA | 60 | 35 | 5.000 |
| | SDT7013 | NS 561 | 61 | SOL | 100 | 80 | 5.0 | 10.000 | 50.000 H | 200J | 60.000 | G | 1UA | 60 | 35 | 5.000 |
| | SDT7014 | NS 561 | 61 | SOL | 60 | 40 | 5.0 | 10.000 | 50.000 H | 200J | 60.000 | G | 1UA | 60 | 70 | 5.000 |
| | SDT7015 | NS 561 | 61 | SOL | 80 | 60 | 5.0 | 10.000 | 50.000 H | 200J | 60.000 | G | 1UA | 60 | 70 | 5.000 |
| | SDT7016 | NS 561 | 61 | SOL | 100 | 80 | 5.0 | 10.000 | 50.000 H | 200J | 60.000 | G | 1UA | 60 | 70 | 5.000 |
| | SDT7017 | NS 561 | 61 | SOL | 60 | 40 | 5.0 | 10.000 | 50.000 H | 200J | 60.000 | G | 1UA | 60 | 150 | 5.000 |
| | SDT7018 | NS 561 | 61 | SOL | 80 | 60 | 5.0 | 10.000 | 50.000 H | 200J | 60.000 | G | 1UA | 60 | 150 | 5.000 |
| | SDT7019 | NS 561 | 61 | SOL | 100 | 80 | 5.0 | 10.000 | 50.000 H | 200J | 60.000 | G | 1UA | 60 | 150 | 5.000 |
| | SDT7140 | NS 561 | 61 | SOL | 120 | 100 | 5.0 | 10.000 | 50.000 H | 200J | | | 100NA | 60 | 70 | 5.000 |
| | SDT7141 | NS 561 | 61 | SOL | 200 | 150 | 5.0 | 10.000 | 50.000 H | 200J | | | 100NA | 100 | 70 | 5.000 |
| | SDT7150 | NS 561 | 61 | SOL | 140 | 120 | 5.0 | 10.000 | 50.000 H | 200J | | | 500NA | 60 | 35 | 5.000 |
| | SDT7151 | NS 561 | 61 | SOL | 170 | 150 | 5.0 | 10.000 | 50.000 H | 200J | | | 500NA | 100 | 35 | 5.000 |
| | SDT7152 | NS 561 | 61 | SOL | 220 | 200 | 5.0 | 10.000 | 50.000 H | 200J | | | 500NA | 100 | 35 | 5.000 |
| | SDT7154 | NS 561 | 61 | SOL | 140 | 100 | 5.0 | 10.000 | 50.000 H | 200J | | | 500NA | 60 | 70 | 5.000 |
| | SDT7155 | NS 561 | 61 | SOL | 170 | 150 | 5.0 | 10.000 | 50.000 H | 200J | | | 500NA | 100 | 70 | 5.000 |
| | SDT7156 | NS 561 | 61 | SOL | 220 | 200 | 5.0 | 10.000 | 50.000 H | 200J | | | 500NA | 100 | 70 | 5.000 |
| | SDT7201 | NS 605 | 3 | SOL | 225 | 200 | 8.0 | 10.000 | 65.000 H | 200J | 50.000 | G | 1UA | 100 | 35 | 5.000 |
| | SDT7202 | NS 605 | 3 | SOL | 250 | 225 | 8.0 | 10.000 | 65.000 H | 200J | 50.000 | G | 1UA | 100 | 35 | 5.000 |
| | SDT7203 | NS 605 | 3 | SOL | 275 | 250 | 8.0 | 10.000 | 65.000 H | 200J | 50.000 | G | 1UA | 100 | 35 | 5.000 |
| | SDT7204 | NS 605 | 3 | SOL | 325 | 300 | 8.0 | 10.000 | 65.000 H | 200J | 50.000 | G | 1UA | 100 | 35 | 5.000 |
| | SDT7205 | NS 605 | 3 | SOL | 350 | 325 | 8.0 | 10.000 | 65.000 H | 200J | 50.000 | G | 1UA | 100 | 35 | 5.000 |
| | SDT7206 | NS 605 | 3 | SOL | 150 | 150 | 8.0 | 10.000 | 65.000 H | 200J | 50.000 | G | 10UA | 100 | 15 | 5.000 |
| | SDT7207 | NS 605 | 3 | SOL | 200 | 200 | 8.0 | 10.000 | 65.000 H | 200J | 50.000 | G | 10UA | 100 | 22 | 5.000 |
| | SDT7208 | NS 605 | 3 | SOL | 250 | 250 | 8.0 | 10.000 | 65.000 H | 200J | 50.000 | G | 10UA | 100 | 22 | 5.000 |
| | SDT7209 | NS 605 | 3 | SOL | 300 | 300 | 8.0 | 10.000 | 65.000 H | 200J | 50.000 | G | 10UA | 100 | 22 | 5.000 |
| | SDT7401 | NS 211 | 5 | SOL | 60 | 40 | 5.0 | 10.000 | 5.000 H | 200J | 15.000 | G | 1UA | 30 | 70 | 5.000 |
| | SDT7402 | NS 211 | 5 | SOL | 80 | 60 | 5.0 | 10.000 | 5.000 H | 200J | 15.000 | G | 1UA | 60 | 70 | 5.000 |
| | SDT7403 | NS 211 | 5 | SOL | 100 | 80 | 5.0 | 10.000 | 5.000 H | 200J | 15.000 | G | 1UA | 60 | 70 | 5.000 |
| | SDT7411 | NS 211 | 5 | SOL | 60 | 40 | 5.0 | 10.000 | 5.000 H | 200J | 15.000 | G | 1UA | 30 | 35 | 5.000 |
| | SDT7412 | NS 211 | 5 | SOL | 80 | 60 | 5.0 | 10.000 | 5.000 H | 200J | 15.000 | G | 1UA | 60 | 35 | 5.000 |
| | SDT7413 | NS 211 | 5 | SOL | 100 | 80 | 5.0 | 10.000 | 5.000 H | 200J | 15.000 | G | 1UA | 60 | 35 | 5.000 |
| | SDT7414 | NS 211 | 5 | SOL | 60 | 40 | 5.0 | 10.000 | 5.000 H | 200J | 15.000 | G | 1UA | 30 | 70 | 5.000 |
| | SDT7415 | NS 211 | 5 | SOL | 80 | 60 | 5.0 | 10.000 | 5.000 H | 200J | 15.000 | G | 1UA | 60 | 70 | 5.000 |
| | SDT7416 | NS 211 | 5 | SOL | 100 | 80 | 5.0 | 10.000 | 5.000 H | 200J | 15.000 | G | 1UA | 60 | 70 | 5.000 |
| | SDT7417 | NS 211 | 5 | SOL | 60 | 40 | 5.0 | 10.000 | 5.000 H | 200J | 15.000 | G | 1UA | 30 | 150 | 5.000 |
| | SDT7418 | NS 211 | 5 | SOL | 80 | 60 | 5.0 | 10.000 | 5.000 H | 200J | 15.000 | G | 1UA | 60 | 150 | 5.000 |
| | SDT7419 | NS 211 | 5 | SOL | 100 | 80 | 5.0 | 10.000 | 5.000 H | 200J | 15.000 | G | 1UA | 60 | 150 | 5.000 |
| | SDT7601 | NS 605 | 3 | SOL | 60 | 40 | 8.0 | 10.000 | 65.000 H | 200J | 60.000 | G | 500NA | 30 | 70 | 5.000 |
| | SDT7602 | NS 605 | 3 | SOL | 80 | 60 | 8.0 | 10.000 | 65.000 H | 200J | 60.000 | G | 500NA | 30 | 70 | 5.000 |
| | SDT7603 | NS 605 | 3 | SOL | 100 | 80 | 8.0 | 10.000 | 65.000 H | 200J | 60.000 | G | 500NA | 60 | 70 | 5.000 |
| | SDT7604 | NS 605 | 3 | SOL | 140 | 120 | 8.0 | 10.000 | 65.000 H | 200J | 60.000 | G | 500NA | 60 | 70 | 5.000 |
| | SDT7605 | NS 605 | 3 | SOL | 170 | 150 | 8.0 | 10.000 | 65.000 H | 200J | 60.000 | G | 500NA | 100 | 70 | 5.000 |
| | SDT7607 | NS 605 | 3 | SOL | 60 | 40 | 8.0 | 10.000 | 65.000 H | 200J | 60.000 | G | 500NA | 30 | 35 | 5.000 |
| | SDT7608 | NS 605 | 3 | SOL | 80 | 60 | 8.0 | 10.000 | 65.000 H | 200J | 60.000 | G | 500NA | 30 | 35 | 5.000 |
| | SDT7609 | NS 605 | 3 | SOL | 100 | 80 | 8.0 | 10.000 | 65.000 H | 200J | 60.000 | G | 500NA | 60 | 35 | 5.000 |
| | SDT7610 | NS 605 | 3 | SOL | 140 | 100 | 8.0 | 10.000 | 65.000 H | 200J | 60.000 | G | 500NA | 60 | 35 | 5.000 |
| | SDT7611 | NS 605 | 3 | SOL | 170 | 150 | 8.0 | 10.000 | 65.000 H | 200J | 60.000 | G | 500NA | 100 | 35 | 5.000 |
| | SDT7612 | NS 605 | 3 | SOL | 220 | 200 | 8.0 | 10.000 | 65.000 H | 200J | 60.000 | G | 500NA | 100 | 35 | 5.000 |
| | SDT7711 | NS 568 | 111 | SOL | 60 | 40 | 20.0 | 10.000 | 30.000 H | | | | | | 40 | 5.000 |
| | SDT7712 | NS 568 | 111 | SOL | 80 | 60 | 20.0 | 10.000 | 30.000 H | | | | | | 40 | 5.000 |
| | SDT7713 | NS 568 | 111 | SOL | 100 | 80 | 20.0 | 10.000 | 30.000 H | | | | | | 40 | 5.000 |
| | SDT7714 | NS 568 | 111 | SOL | 120 | 100 | 20.0 | 10.000 | 30.000 H | | | | | | 40 | 5.000 |
| | SDT7715 | NS 568 | 111 | SOL | 140 | 125 | 20.0 | 10.000 | 30.000 H | | | | | | 40 | 5.000 |
| | SDT7716 | NS 568 | 111 | SOL | 165 | 150 | 20.0 | 10.000 | 30.000 H | | | | | | 40 | 5.000 |
| | SDT7731 | NS 605 | 3 | SOL | 60 | 40 | 20.0 | 10.000 | 80.000 H | | | | | | 40 | 5.000 |
| | SDT7732 | NS 605 | 3 | SOL | 80 | 60 | 20.0 | 10.000 | 80.000 H | | | | | | 40 | 5.000 |
| | SDT7733 | NS 605 | 3 | SOL | 100 | 80 | 20.0 | 10.000 | 80.000 H | | | | | | 40 | 5.000 |
| | SDT7734 | NS 605 | 3 | SOL | 120 | 100 | 20.0 | 10.000 | 80.000 H | | | | | | 40 | 5.000 |
| | SDT7735 | NS 605 | 3 | SOL | 140 | 125 | 20.0 | 10.000 | 80.000 H | | | | | | 40 | 5.000 |
| | SDT7736 | NS 605 | 3 | SOL | 165 | 150 | 20.0 | 10.000 | 80.000 H | | | | | | 40 | 5.000 |
| | SDT7741 | NS 605 | 66 | SOL | 60 | 40 | 20.0 | 10.000 | 40.000 H | | | | | | 40 | 5.000 |
| | SDT7742 | NS 605 | 66 | SOL | 80 | 60 | 20.0 | 10.000 | 40.000 H | | | | | | 40 | 5.000 |
| | SDT7743 | NS 605 | 66 | SOL | 100 | 80 | 20.0 | 10.000 | 40.000 H | | | | | | 40 | 5.000 |
| | SDT7744 | NS 605 | 66 | SOL | 120 | 100 | 20.0 | 10.000 | 40.000 H | | | | | | 40 | 5.000 |
| | SDT7745 | NS 605 | 66 | SOL | 140 | 125 | 20.0 | 10.000 | 40.000 H | | | | | | 40 | 5.000 |
| | SDT7746 | NS 605 | 66 | SOL | 165 | 150 | 20.0 | 10.000 | 40.000 H | | | | | | 40 | 5.000 |
| | SDT7761 | NS 561 | 61 | SOL | 60 | 40 | 20.0 | 10.000 | 50.000 H | | | | | | 40 | 5.000 |
| | SDT7762 | NS 561 | 61 | SOL | 80 | 60 | 20.0 | 10.000 | 50.000 H | | | | | | 40 | 5.000 |
| | SDT7763 | NS 561 | 61 | SOL | 100 | 80 | 20.0 | 10.000 | 50.000 H | | | | | | 40 | 5.000 |
| | SDT7764 | NS 561 | 61 | SOL | 120 | 100 | 20.0 | 10.000 | 50.000 H | | | | | | 40 | 5.000 |
| | SDT7765 | NS 561 | 61 | SOL | 140 | 125 | 20.0 | 10.000 | 50.000 H | | | | | | 40 | 5.000 |
| | SDT7766 | NS 561 | 61 | SOL | 165 | 150 | 20.0 | 10.000 | 50.000 H | | | | | | 40 | 5.000 |
| | SDT7801 | NS 561 | 61 | SOL | 225 | 200 | 8.0 | 10.000 | 50.000 H | 200J | 50.000 | G | 1UA | 100 | 35 | 5.000 |
| | SDT7802 | NS 561 | 61 | SOL | 250 | 225 | 8.0 | 10.000 | 50.000 H | 200J | 50.000 | G | 1UA | 100 | 35 | 5.000 |
| | SDT7803 | NS 561 | 61 | SOL | 275 | 250 | 8.0 | 10.000 | 50.000 H | 200J | 50.000 | G | 1UA | 100 | 35 | 5.000 |
| | SDT7804 | NS 561 | 61 | SOL | 325 | 300 | 8.0 | 10.000 | 50.000 H | 200J | 50.000 | G | 1UA | 100 | 35 | 5.000 |
| | SDT7805 | NS 561 | 61 | SOL | 350 | 325 | 8.0 | 10.000 | 50.000 H | 200J | 50.000 | G | 1UA | 100 | 35 | 5.000 |
| | SDT7806 | NS 561 | 61 | SOL | 150 | 150 | 8.0 | 10.000 | 50.000 H | 200J | 50.000 | G | 10UA | 100 | 15 | 5.000 |
| | SDT7807 | NS 561 | 61 | SOL | 200 | 200 | 8.0 | 10.000 | 50.000 H | 200J | 50.000 | G | 10UA | 100 | 22 | 5.000 |
| | SDT7808 | NS 561 | 61 | SOL | 250 | 250 | 8.0 | 10.000 | 50.000 H | 200J | 50.000 | G | 10UA | 100 | 22 | 5.000 |
| | SDT7809 | NS 561 | 61 | SOL | 300 | 300 | 8.0 | 10.000 | 50.000 H | 200J | 50.000 | G | 10UA | 100 | 22 | 5.000 |
| | SDT7901 | NS 605 | 66 | SOL | 225 | 200 | 8.0 | 10.000 | 25.000 H | 200J | 50.000 | G | 1UA | 100 | 35 | 5.000 |
| | SDT7902 | NS 605 | 66 | SOL | 250 | 225 | 8.0 | 10.000 | 25.000 H | 200J | 50.000 | G | 1UA | 100 | 35 | 5.000 |
| | SDT7903 | NS 605 | 66 | SOL | 275 | 250 | 8.0 | 10.000 | 25.000 H | 200J | 50.000 | G | 1UA | 100 | 35 | 5.000 |
| | SDT7904 | NS 605 | 66 | SOL | 325 | 300 | 8.0 | 10.000 | 25.000 H | 200J | 50.000 | G | 1UA | 100 | 35 | 5.000 |
| | SDT7905 | NS 605 | 66 | SOL | 350 | 325 | 8.0 | 10.000 | 25.000 H | 200J | 50.000 | G | 1UA | 100 | 35 | 5.000 |
| | SDT7907 | NS 605 | 66 | SOL | 200 | 200 | 8.0 | 10.000 | 25.000 H | 200J | 50.000 | G | 10UA | 100 | 22 | 5.000 |
| | SDT7908 | NS 605 | 66 | SOL | 250 | 250 | 8.0 | 10.000 | 25.000 H | 200J | 50.000 | G | 10UA | 100 | 22 | 5.000 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff $I_{CBO}$ @ $V_{CB}$ | | Gain $h_{FE}$ @ $I_C$(A) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) Cond. | | | | | | |
| | SDT7909 | NS 605 | 66 | SOL | 300 | 300 | 8.0 | 10.000 | 25.000 | H | 200J | 50.000 | G | 10UA | 100 | 22 | 5.000 |
| | SDT7910 | NS 605 | 66 | SOL | 150 | 150 | 8.0 | 10.000 | 25.000 | H | 200J | 50.000 | G | 10UA | 100 | 15 | 5.000 |
| | SDT8002 | NS 561 | 63 | SOL | 80 | 60 | 8.0 | 20.000 | 100.000 | H | 200J | 35.000 | G | 100UA | 60 | 70 | 10.000 |
| | SDT8003 | NS 561 | 63 | SOL | 100 | 80 | 8.0 | 20.000 | 100.000 | H | 200J | 35.000 | G | 100UA | 60 | 70 | 10.000 |
| | SDT8012 | NS 561 | 63 | SOL | 80 | 60 | 8.0 | 20.000 | 100.000 | H | 200J | 35.000 | G | 10UA | 60 | 35 | 10.000 |
| | SDT8013 | NS 561 | 63 | SOL | 100 | 80 | 8.0 | 20.000 | 100.000 | H | 200J | 35.000 | G | 10UA | 60 | 35 | 10.000 |
| | SDT8015 | NS 561 | 63 | SOL | 80 | 60 | 8.0 | 20.000 | 100.000 | H | 200J | 35.000 | G | 10UA | 60 | 70 | 10.000 |
| | SDT8016 | NS 561 | 63 | SOL | 100 | 80 | 8.0 | 20.000 | 100.000 | H | 200J | 35.000 | G | 10UA | 60 | 70 | 10.000 |
| | SDT8045 | NS 561 | 63 | SOL | 40 | 25 | 5.0 | 20.000 | 100.000 | H | 200J | 35.000 | G | 10UA | 25 | 60 | 10.000 |
| | SDT8070 | NS 561 | 63 | SOL | 80 | 60 | 8.0 | 20.000 | 100.000 | H | 200J | 35.000 | G | 10UA | 60 | 150 | 10.000 |
| | SDT8071 | NS 561 | 63 | SOL | 100 | 80 | 8.0 | 20.000 | 100.000 | H | 200J | 35.000 | G | 10UA | 60 | 150 | 10.000 |
| | SDT8105 | NS 913 A | | SOL | 80 | 60 | 8.0 | 20.000 | 65.000 | H | 200J | 30.000 | G | 100UA | 60 | 70 | 10.000 |
| | SDT8106 | NS 913 A | | SOL | 100 | 80 | 8.0 | 20.000 | 65.000 | H | 200J | 30.000 | G | 100UA | 60 | 70 | 10.000 |
| | SDT8110 | NS 913 A | | SOL | 80 | 60 | 8.0 | 20.000 | 65.000 | H | 200J | 30.000 | G | 10UA | 60 | 150 | 10.000 |
| | SDT8111 | NS 913 A | | SOL | 100 | 80 | 8.0 | 20.000 | 65.000 | H | 200J | 30.000 | G | 10UA | 60 | 150 | 10.000 |
| | SDT8112 | NS 913 A | | SOL | 80 | 60 | 8.0 | 20.000 | 65.000 | H | 200J | 30.000 | G | 10UA | 60 | 35 | 10.000 |
| | SDT8113 | NS 913 A | | SOL | 100 | 80 | 8.0 | 20.000 | 65.000 | H | 200J | 30.000 | G | 10UA | 60 | 35 | 10.000 |
| | SDT8114 | NS 913 A | | SOL | 40 | 25 | 8.0 | 20.000 | 65.000 | H | 200J | 30.000 | G | 10UA | 25 | 60 | 10.000 |
| | SDT8115 | NS 913 A | | SOL | 80 | 60 | 8.0 | 20.000 | 65.000 | H | 200J | 30.000 | G | 10UA | 60 | 60 | 10.000 |
| | SDT8116 | NS 913 A | | SOL | 100 | 80 | 8.0 | 20.000 | 65.000 | H | 200J | 30.000 | G | 10UA | 60 | 60 | 10.000 |
| | SDT8151 | NS 560 | 61 | SOL | 150 | 120 | 8.0 | 20.000 | 65.000 | H | | | | 10UA | 60 | 70 | 10.000 |
| | SDT8152 | NS 560 | 61 | SOL | 100 | 80 | 8.0 | 20.000 | 65.000 | H | | | | 10UA | 60 | 70 | 10.000 |
| | SDT8153 | NS 560 | 61 | SOL | 80 | 60 | 8.0 | 20.000 | 65.000 | H | | | | 10UA | 60 | 70 | 10.000 |
| | SDT8154 | NS 560 | 61 | SOL | 100 | 80 | 8.0 | 20.000 | 65.000 | H | | | | 10UA | 60 | 150 | 10.000 |
| | SDT8155 | NS 560 | 61 | SOL | 80 | 60 | 8.0 | 20.000 | 65.000 | H | | | | 10UA | 60 | 150 | 10.000 |
| | SDT8156 | NS 560 | 61 | SOL | 150 | 120 | 8.0 | 20.000 | 65.000 | H | | | | 10UA | 60 | 35 | 10.000 |
| | SDT8157 | NS 560 | 61 | SOL | 100 | 80 | 8.0 | 20.000 | 65.000 | H | | | | 10UA | 60 | 35 | 10.000 |
| | SDT8158 | NS 560 | 61 | SOL | 80 | 60 | 8.0 | 20.000 | 65.000 | H | | | | 10UA | 60 | 35 | 10.000 |
| | SDT8159 | NS 560 | 61 | SOL | 40 | 25 | 8.0 | 20.000 | 65.000 | H | | | | 10UA | 60 | 30 | 10.000 |
| | SDT8301 | NS 561 | 63 | SOL | 80 | 60 | 8.0 | 30.000 | 100.000 | H | 200J | 35.000 | G | 10UA | 60 | 70 | 10.000 |
| | SDT8302 | NS 561 | 63 | SOL | 100 | 80 | 8.0 | 30.000 | 100.000 | H | 200J | 35.000 | G | 10UA | 60 | 70 | 10.000 |
| | SDT8303 | NS 561 | 63 | SOL | 80 | 60 | 8.0 | 30.000 | 100.000 | H | 200J | 35.000 | G | 10UA | 60 | 150 | 10.000 |
| | SDT8304 | NS 561 | 63 | SOL | 100 | 80 | 8.0 | 30.000 | 100.000 | H | 200J | 35.000 | G | 10UA | 60 | 150 | 10.000 |
| ~ | SDT8601 | NS 403 | 68 | SOL | 80 | 60 | 8.0 | 100.000 | 166.000 | H | 200J | 20.000 | G | 10UA | 60 | 15 | 75.000 |
| ~ | SDT8602 | NS 403 | 68 | SOL | 100 | 80 | 8.0 | 100.000 | 166.000 | H | 200J | 20.000 | G | 10UA | 60 | 15 | 75.000 |
| ~ | SDT8603 | NS 403 | 68 | SOL | 120 | 100 | 8.0 | 100.000 | 166.000 | H | 200J | 20.000 | G | 10UA | 60 | 15 | 75.000 |
| ~ | SDT8604 | NS 403 | 68 | SOL | 140 | 120 | 8.0 | 100.000 | 166.000 | H | 200J | 20.000 | G | 10UA | 60 | 15 | 75.000 |
| | SDT8651 | NS 403 | 68 | SOL | 200 | 200 | 8.0 | 60.000 | 166.000 | H | 200J | | | 10UA | 100 | 20 | 40.000 |
| | SDT8652 | NS 403 | 68 | SOL | 225 | 225 | 8.0 | 60.000 | 166.000 | H | 200J | | | 10UA | 100 | 20 | 40.000 |
| | SDT8653 | NS 403 | 68 | SOL | 250 | 250 | 8.0 | 60.000 | 166.000 | H | 200J | | | 10UA | 100 | 20 | 40.000 |
| | SDT8654 | NS 403 | 68 | SOL | 275 | 275 | 8.0 | 60.000 | 166.000 | H | 200J | | | 10UA | 100 | 20 | 40.000 |
| | SDT8655 | NS 403 | 68 | SOL | 300 | 300 | 8.0 | 60.000 | 166.000 | H | 200J | | | 10UA | 100 | 20 | 40.000 |
| | SDT8751 | NS 561 | 63 | SOL | 120 | 100 | 8.0 | 20.000 | 100.000 | H | 200J | 30.000 | G | 10UA | 60 | 30 | 10.000 |
| | SDT8752 | NS 561 | 63 | SOL | 140 | 120 | 8.0 | 20.000 | 100.000 | H | 200J | 30.000 | G | 10UA | 70 | 30 | 10.000 |
| | SDT8753 | NS 561 | 63 | SOL | 170 | 150 | 8.0 | 20.000 | 100.000 | H | 200J | 30.000 | G | 10UA | 80 | 30 | 10.000 |
| | SDT8754 | NS 561 | 63 | SOL | 200 | 180 | 8.0 | 20.000 | 100.000 | H | 200J | 30.000 | G | 10UA | 100 | 30 | 10.000 |
| | SDT8755 | NS 561 | 63 | SOL | 120 | 100 | 8.0 | 20.000 | 100.000 | H | 200J | 30.000 | G | 10UA | 60 | 52 | 10.000 |
| | SDT8756 | NS 561 | 63 | SOL | 140 | 120 | 8.0 | 20.000 | 100.000 | H | 200J | 30.000 | G | 10UA | 70 | 52 | 10.000 |
| | SDT8757 | NS 561 | 63 | SOL | 170 | 150 | 8.0 | 20.000 | 100.000 | H | 200J | 30.000 | G | 10UA | 80 | 52 | 10.000 |
| | SDT8758 | NS 561 | 63 | SOL | 200 | 180 | 8.0 | 20.000 | 100.000 | H | 200J | 30.000 | G | 10UA | 100 | 52 | 10.000 |
| | SDT8801 | NS 561 | 63 | SOL | 200 | 200 | 8.0 | 20.000 | 100.000 | H | 200J | 30.000 | G | 1UA | 60 | 30 | 10.000 |
| | SDT8802 | NS 561 | 63 | SOL | 225 | 225 | 8.0 | 20.000 | 100.000 | H | 200J | 30.000 | G | 1UA | 60 | 30 | 10.000 |
| | SDT8803 | NS 561 | 63 | SOL | 250 | 250 | 8.0 | 20.000 | 100.000 | H | 200J | 30.000 | G | 1UA | 60 | 30 | 10.000 |
| | SDT8804 | NS 561 | 63 | SOL | 275 | 275 | 8.0 | 20.000 | 100.000 | H | 200J | 30.000 | G | 1UA | 60 | 30 | 10.000 |
| | SDT8805 | NS 561 | 63 | SOL | 300 | 300 | 8.0 | 20.000 | 100.000 | H | 200J | 30.000 | G | 1UA | 60 | 30 | 10.000 |
| | SDT8920 | NS 561 | 114 | SOL | 80 | 60 | 8.0 | 100.000 | 200.000 | H | 200J | | | 10UA | 60 | 15 | 75.000 |
| | SDT8921 | NS 561 | 114 | SOL | 100 | 80 | 8.0 | 100.000 | 200.000 | H | 200J | | | 10UA | 60 | 15 | 75.000 |
| | SDT8922 | NS 561 | 114 | SOL | 120 | 100 | 8.0 | 100.000 | 200.000 | H | 200J | | | 10UA | 60 | 15 | 75.000 |
| | SDT8923 | NS 561 | 114 | SOL | 140 | 120 | 8.0 | 100.000 | 200.000 | H | 200J | | | 10UA | 60 | 15 | 75.000 |
| | SDT8951 | NS 561 | 114 | SOL | 200 | 200 | 8.0 | 60.000 | 200.000 | H | 200J | | | 10UA | 100 | 20 | 40.000 |
| | SDT8952 | NS 561 | 114 | SOL | 225 | 225 | 8.0 | 60.000 | 200.000 | H | 200J | | | 10UA | 100 | 20 | 40.000 |
| | SDT8953 | NS 561 | 114 | SOL | 250 | 250 | 8.0 | 60.000 | 200.000 | H | 200J | | | 10UA | 100 | 20 | 40.000 |
| | SDT8954 | NS 561 | 114 | SOL | 275 | 275 | 8.0 | 60.000 | 200.000 | H | 200J | | | 10UA | 100 | 20 | 40.000 |
| | SDT8955 | NS 561 | 114 | SOL | 300 | 300 | 8.0 | 60.000 | 200.000 | H | 200J | | | 10UA | 100 | 20 | 40.000 |
| | SDT9001 | NS 211 | 5 | SOL | 50 | 30 | 5.0 | 5.000 | 1.250 | A | 200J | 70.000 | G | 1UA | 25 | 30 | 1.000 |
| | SDT9002 | NS 211 | 5 | SOL | 70 | 50 | 5.0 | 5.000 | 1.250 | A | 200J | 70.000 | G | 1UA | 25 | 30 | 1.000 |
| | SDT9003 | NS 211 | 5 | SOL | 90 | 70 | 5.0 | 5.000 | 1.250 | A | 200J | 70.000 | G | 1UA | 25 | 30 | 1.000 |
| | SDT9004 | NS 211 | 5 | SOL | 50 | 30 | 5.0 | 5.000 | 1.250 | A | 200J | 70.000 | G | 1UA | 25 | 52 | 1.000 |
| | SDT9005 | NS 211 | 5 | SOL | 70 | 50 | 5.0 | 5.000 | 1.250 | A | 200J | 70.000 | G | 1UA | 25 | 52 | 1.000 |
| | SDT9006 | NS 211 | 5 | SOL | 90 | 70 | 5.0 | 5.000 | 1.250 | A | 200J | 70.000 | G | 1UA | 25 | 52 | 1.000 |
| | SDT9007 | NS 211 | 5 | SOL | 50 | 30 | 5.0 | 5.000 | 1.250 | A | 200J | 70.000 | G | 1UA | 25 | 88 | 1.000 |
| | SDT9008 | NS 211 | 5 | SOL | 70 | 50 | 5.0 | 5.000 | 1.250 | A | 200J | 70.000 | G | 1UA | 25 | 88 | 1.000 |
| | SDT9009 | NS 211 | 5 | SOL | 90 | 70 | 5.0 | 5.000 | 1.250 | A | 200J | 70.000 | G | 1UA | 25 | 88 | 1.000 |
| | SDT9010 | NS 211 | 5 | SOL | 50 | 30 | 5.0 | 5.000 | 1.250 | A | 200J | 70.000 | G | 1UA | 25 | 150 | 1.000 |
| | SDT9011 | NS 211 | 5 | SOL | 70 | 50 | 5.0 | 5.000 | 1.250 | A | 200J | 70.000 | G | 1UA | 25 | 150 | 1.000 |
| | SDT9012 | NS 211 | 5 | SOL | 90 | 70 | 5.0 | 5.000 | 1.250 | A | 200J | 70.000 | G | 1UA | 25 | 150 | 1.000 |
| | SDT9201 | NS 605 | 3 | SOL | 55 | 45 | 12.0 | 15.000 | 115.000 | H | 200J | | | 2MA | 30 | 38 | 4.000 |
| | SDT9202 | NS 605 | 3 | SOL | 100 | 80 | 12.0 | 15.000 | 115.000 | H | 200J | | | 700UA | 30 | 38 | 4.000 |
| | SDT9203 | NS 605 | 3 | SOL | 120 | 100 | 12.0 | 15.000 | 115.000 | H | 200J | | | 700UA | 30 | 38 | 4.000 |
| | SDT9204 | NS 605 | 3 | SOL | 140 | 120 | 12.0 | 15.000 | 115.000 | H | 200J | | | 700UA | 30 | 38 | 4.000 |
| | SDT9205 | NS 605 | 3 | SOL | 55 | 45 | 12.0 | 15.000 | 115.000 | H | 200J | | | 2MA | 30 | 32 | 4.000 |
| | SDT9206 | NS 605 | 3 | SOL | 80 | 60 | 12.0 | 15.000 | 115.000 | H | 200J | | | 700UA | 30 | 32 | 4.000 |
| | SDT9207 | NS 605 | 3 | SOL | 100 | 80 | 12.0 | 15.000 | 115.000 | H | 200J | | | 700UA | 30 | 32 | 4.000 |
| | SDT9208 | NS 605 | 3 | SOL | 120 | 100 | 12.0 | 15.000 | 115.000 | H | 200J | | | 700UA | 30 | 32 | 4.000 |
| | SDT9209 | NS 605 | 3 | SOL | 140 | 120 | 12.0 | 15.000 | 115.000 | H | 200J | | | 700UA | 30 | 32 | 4.000 |
| | SDT9210 | NS 605 | 3 | SOL | 40 | 30 | 5.0 | 15.000 | 115.000 | H | 200J | | | 5MA | 20 | 30 | 2.000 |
| | SDT9701 | NS 605 | 3 | SOL | 100 | 80 | 7.0 | 15.000 | 150.000 | C | 200J | .200 | G | 5MA | 100 | 30 | 8.000 |
| | SDT9702 | NS 605 | 3 | SOL | 120 | 100 | 7.0 | 15.000 | 150.000 | C | 200J | .200 | G | 5MA | 120 | 30 | 8.000 |
| | SDT9703 | NS 605 | 3 | SOL | 140 | 120 | 7.0 | 15.000 | 150.000 | C | 200J | .200 | G | 5MA | 140 | 30 | 8.000 |
| | SDT9704 | NS 605 | 3 | SOL | 100 | 80 | 7.0 | 15.000 | 150.000 | C | 200J | .200 | G | 5MA | 100 | 40 | 5.000 |
| | SDT9705 | NS 605 | 3 | SOL | 120 | 100 | 7.0 | 15.000 | 150.000 | C | 200J | .200 | G | 5MA | 120 | 40 | 5.000 |
| | SDT9706 | NS 605 | 3 | SOL | 140 | 120 | 7.0 | 15.000 | 150.000 | C | 200J | .200 | G | 5MA | 140 | 40 | 5.000 |
| | SDT9707 | NS 605 | 3 | SOL | 80 | 60 | 7.0 | 15.000 | 150.000 | C | 200J | .200 | G | 10MA | 80 | 23 | 4.000 |
| | SDT9801 | NS 561 | 61 | SOL | 60 | 40 | 12.0 | 15.000 | 65.000 | H | 200J | | | 1UA | 40 | 35 | 5.000 |
| | SDT9802 | NS 561 | 61 | SOL | 80 | 60 | 12.0 | 15.000 | 65.000 | H | 200J | | | 1UA | 60 | 35 | 5.000 |
| | SDT9803 | NS 561 | 61 | SOL | 100 | 80 | 12.0 | 15.000 | 65.000 | H | 200J | | | 1UA | 80 | 35 | 5.000 |
| | SDT9804 | NS 561 | 61 | SOL | 120 | 100 | 12.0 | 15.000 | 65.000 | H | 200J | | | 1UA | 100 | 35 | 5.000 |
| | SDT9901 | NS 605 | 3 | SOL | 60 | 40 | 12.0 | 15.000 | 83.000 | H | 200J | | | 1UA | 40 | 35 | 5.000 |
| | SDT9902 | NS 605 | 3 | SOL | 80 | 60 | 12.0 | 15.000 | 83.000 | H | 200J | | | 1UA | 60 | 35 | 5.000 |
| | SDT9903 | NS 605 | 3 | SOL | 100 | 80 | 12.0 | 15.000 | 83.000 | H | 200J | | | 1UA | 80 | 35 | 5.000 |
| | SDT9904 | NS 605 | 3 | SOL | 120 | 100 | 12.0 | 15.000 | 83.000 | H | 200J | | | 1UA | 100 | 35 | 5.000 |
| | SE1001 | NS 173 | 106 | FSC | 45 | 45 | 4.0 | | .200 | A | 125J | 200.000 | G | 500NA | 30 | 80 | .010 |
| | SE1002 | NS 173 | 106 | FSC | 45 | 45 | 4.0 | | .200 | A | 125J | 200.000 | G | 500NA | 30 | 200 | .010 |
| | SE1010 | NS 173 | 106 | FSC | 30 | 15 | 4.0 | | .200 | A | 125J | 200.000 | G | 50NA | 15 | 35 | .010 |
| | SE2001 | NS 173 | 106 | FSC | 35 | 25 | 4.0 | | .200 | A | 125J | 200.000 | G | 500NA | 15 | 80 | .010 |
| | SE2002 | NS 173 | 106 | FSC | 35 | 25 | 4.0 | | .200 | A | 125J | 200.000 | G | 500NA | 15 | 200 | .010 |
| | SE3001 | NS 173 | 106 | FSC | 30 | 12 | 2.0 | | .200 | A | | 900.000 | G | 50NA | 30 | 60 | .008 |
| | SE3002 | NS 173 | 106 | FSC | 30 | 12 | 2.0 | | .200 | A | 125J | 600.000 | G | 500NA | 15 | 50 | .008 |
| | SE3005 | NS 173 | 106 | FSC | 30 | 15 | 4.0 | | .200 | A | 125J | 800.000 | G | 10NA | 15 | 100 | .008 |
| ~ | SE3031 | NS 605 | 3 | FSC | 150 | 80 | 6.0 | 5.000 | 15.000 | H | 150J | 50.000 | G | 1UA | 100 | 75 | 2.000 |
| ~ | SE3032 | NS 605 | 3 | FSC | 120 | 60 | 6.0 | 5.000 | 15.000 | H | 150J | 80.000 | G | 1UA | 60 | 150 | 2.000 |
| ~ | SE3033 | NS 605 | 3 | FSC | 120 | 60 | 6.0 | 5.000 | 15.000 | H | 150J | 50.000 | G | 1UA | 60 | 75 | 2.000 |
| ~ | SE3035 | NS 605 | 3 | FSC | 80 | 40 | 6.0 | 5.000 | 15.000 | H | 150J | 120.000 | G | 10UA | 30 | 80 | 2.000 |
| ~ | SE3036 | NS 605 | 3 | FSC | 40 | 40 | 5.0 | 5.000 | 15.000 | H | 150J | 120.000 | G | 10UA | 30 | 80 | .500 |
| ~ | SE3040 | NS 605 | 66 | FSC | 80 | 40 | 6.0 | 5.000 | 15.000 | H | 150J | 50.000 | G | 10UA | 30 | 75 | 2.000 |
| ~ | SE3041 | NS 605 | 66 | FSC | 120 | 60 | 6.0 | 5.000 | 15.000 | H | 150J | 50.000 | G | 1UA | 60 | 75 | 2.000 |
| | SE4001 | NS 173 | 106 | FSC | 30 | 25 | 6.0 | | .200 | A | | 100.000 | G | 50NA | 30 | 135 | .001 |
| | SE4002 | NS 173 | 106 | FSC | 30 | 25 | 6.0 | | .200 | A | | 100.000 | G | 50NA | 30 | 450 | .001 |
| | SE4010 | NS 173 | 106 | FSC | 30 | 25 | 6.0 | | .200 | A | | 100.000 | G | 50NA | 30 | 450 | .001 |
| | SE4020 | NS 173 | 106 | FSC | 60 | 60 | 8.0 | .050 | .200 | A | 125J | 100.000 | G | 2NA | 45 | 310 | .010 |
| | SE4021 | NS 173 | 106 | FSC | 45 | 45 | 8.0 | .050 | .200 | A | 125J | 150.000 | G | 2NA | 30 | 950 | .010 |
| | SE4022 | NS 173 | 106 | FSC | 30 | 30 | 8.0 | .050 | .200 | A | 125J | 200.000 | G | 2NA | 20 | 540 | .010 |
| | SE5001 | NS 173 | 106 | FSC | 40 | 40 | 4.0 | | .200 | A | 125J | 400.000 | G | 500NA | 20 | 70 | .004 |
| | SE5002 | NS 173 | 106 | FSC | 40 | 40 | 4.0 | | .200 | A | 125J | 400.000 | G | 500NA | 20 | 70 | .004 |
| | SE5003 | NS 173 | 106 | FSC | 40 | 40 | 4.0 | | .200 | A | 125J | 400.000 | G | 500NA | 20 | 70 | .004 |
| | SE5006 | NS 173 | 106 | FSC | 40 | 40 | 4.0 | | .200 | A | 125J | 400.000 | G | 50NA | 20 | 70 | .004 |
| | SE5020 | NS 217 | 72 | FSC | 20 | 20 | 3.0 | | .175 | A | 175J | 375.000 | G | 50NA | 10 | 40 | .004 |
| | SE5021 | NS 217 | 72 | FSC | 20 | 20 | 3.0 | | .175 | A | 175J | 375.000 | G | 50NA | 10 | 40 | .004 |
| | SE5022 | NS 217 | 72 | FSC | 20 | 20 | 3.0 | | .175 | A | 175J | 300.000 | G | 50NA | 10 | 40 | .004 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) Cond. | | | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ | $I_C$(A) |
| | SE5023 | NS 217 | 72 | FSC | 20 | 20 | 3.0 | | .175 | A | 175J | 300.000 | G | 50NA | 10 | 40 | .004 |
| | SE5024 | NS 217 | 72 | FSC | 20 | 20 | 3.0 | | .175 | A | 175J | 300.000 | G | 50NA | 10 | 40 | .004 |
| | SE5025 | NS 173 A | | FSC | 30 | 30 | 3.0 | | .250 | A | 125J | 300.000 | G | 1UA | 30 | 35 | .010 |
| | SE5050 | NS 217 | 72 | FSC | 20 | 20 | 3.0 | | .175 | A | 175J | 300.000 | G | 50NA | 10 | 40 | .004 |
| | SE5051 | NS 217 | 72 | FSC | 20 | 20 | 3.0 | | .175 | A | 175J | 300.000 | G | 50NA | 10 | 40 | .004 |
| | SE5052 | NS 217 | 72 | FSC | 20 | 20 | 3.0 | | .175 | A | 175J | 375.000 | G | 50NA | 10 | 5 | |
| | SE5055 | NS 217 | 72 | FSC | 20 | 20 | 3.0 | | .175 | A | 175J | 300.000 | G | 50NA | 20 | 80 | .010 |
| | SE6001 | NS 173 | 105 | FSC | 40 | 30 | 5.0 | 1.000 | .300 | A | 125J | 40.000 | G | 500NA | 20 | 100 | .010 |
| | SE6002 | NS 173 | 105 | FSC | 40 | 30 | 5.0 | 1.000 | .300 | A | 125J | 40.000 | G | 500NA | 20 | 300 | .010 |
| | SE6020 | NS 173 | 105 | FSC | 60 | 60 | 6.5 | 1.000 | .300 | A | 125J | 250.000 | G | 100NA | 50 | 180 | .150 |
| | SE6020A | NS 173 | 105 | FSC | 60 | 60 | 6.5 | 1.000 | .300 | A | 125J | 250.000 | G | 100NA | 50 | 180 | .150 |
| | SE6021 | NS 173 | 105 | FSC | 80 | 80 | 6.5 | 1.000 | .500 | A | 125J | 250.000 | G | 100NA | 50 | 180 | .150 |
| | SE6021A | NS 173 | 105 | FSC | 80 | 80 | 6.5 | 1.000 | .500 | A | 125J | 250.000 | G | 100NA | 50 | 180 | .150 |
| | SE6022 | NS 173 | 106 | FSC | 60 | 60 | 6.5 | 1.000 | .220 | A | 125J | 250.000 | G | 100NA | 50 | 180 | .150 |
| | SE6023 | NS 173 | 106 | FSC | 80 | 80 | 6.5 | 1.000 | .220 | A | 125J | 250.000 | G | 100NA | 50 | 180 | .150 |
| | SE7001 | NS 211 | 39 | FSC | 150 | 150 | 5.0 | | .800 | A | 200J | 40.000 | G | 100NA | 75 | 60 | .030 |
| | SE7002 | NS 211 | 39 | FSC | 120 | 120 | 5.0 | | .800 | A | 200J | 40.000 | G | 100NA | 75 | 60 | .030 |
| | SE7015 | NS 173 | 105 | FSC | 100 | 100 | | | .450 | A | 125J | 50.000 | G | 10NA | 80 | 90 | .025 |
| | SE7016 | NS 173 | 105 | FSC | 140 | 140 | 6.0 | | .450 | A | 125J | 50.000 | G | 10NA | 110 | 90 | .025 |
| | SE7017 | NS 173 | 105 | FSC | 180 | 180 | 6.0 | | .450 | A | 125J | 50.000 | G | 10NA | 150 | 90 | .025 |
| - | SE7030 | NS 605 | 66 | FSC | 300 | 300 | 8.0 | .400 | 10.000 | C | 150J | 30.000 | G | 1UA | 200 | 100 | .050 |
| | SE7055 | NS 211 | 39 | FSC | 220 | 220 | 7.0 | | 1.000 | A | 200J | 50.000 | G | 100NA | 150 | 150 | .030 |
| | SE7056 | NS 211 | 39 | FSC | 300 | 300 | 7.0 | | 1.000 | A | 200J | 50.000 | G | 100NA | 200 | | .030 |
| | SE7057 | NS 211 | 39 | FSC | 450 | 450 | 7.0 | | 1.000 | A | 200J | 40.000 | G | 100NA | 300 | 70 | .030 |
| | SE8001 | NS 211 | 39 | FSC | 60 | 30 | 5.0 | | .870 | A | 200J | 40.000 | G | 100NA | 40 | 30 | .150 |
| | SE8002 | NS 211 | 39 | FSC | 80 | 40 | 5.0 | | .870 | A | 200J | 40.000 | G | 10NA | 60 | 70 | .150 |
| | SE8010 | NS 211 | 39 | FSC | 100 | 60 | 6.0 | .500 | .800 | A | 200J | 300.000 | G | 500NA | 50 | 78 | .100 |
| | SE8012 | NS 173 | 105 | FSC | 100 | 60 | 6.0 | .500 | .500 | A | 125J | 300.000 | G | 500NA | 50 | 78 | .100 |
| | SE8040 | NS 173 | 105 | FSC | 30 | 30 | 6.0 | .750 | .500 | A | 125J | 130.000 | G | 50NA | 25 | 70 | .150 |
| | SE8041 | NS 211 | 39 | FSC | 30 | 30 | 6.0 | .750 | .800 | A | 200J | 130.000 | G | 50NA | 25 | 70 | .150 |
| | SE8042 | NS 211 | 39 | FSC | 30 | 30 | 6.0 | .750 | 1.000 | A | 200J | 130.000 | G | 50NA | 25 | 70 | .150 |
| | SE8540 | PS 173 | 105 | FSC | 30 | 30 | 5.0 | .750 | .500 | A | 125J | 100.000 | G | 50NA | 25 | 70 | .150 |
| | SE8541 | PS 211 | 39 | FSC | 30 | 30 | 5.0 | .750 | .800 | A | 200J | 100.000 | G | 50NA | 25 | 70 | .150 |
| | SE8542 | PS 211 | 39 | FSC | 30 | 30 | 5.0 | .750 | 1.000 | A | 200J | 100.000 | G | 50NA | 25 | 70 | .150 |
| - | SE9060 | NS 605 | 66 | FSC | | 80S | 6.0 | 2.000 | 20.000 | H | 150J | 50.000 | G | 10UA | 40 | 55 | 1.000 |
| - | SE9061 | NS 605 | 66 | FSC | | 80S | 6.0 | 2.000 | 20.000 | H | 150J | 60.000 | G | 10UA | 40 | 82 | 1.000 |
| - | SE9062 | NS 605 | 66 | FSC | | 100S | 6.0 | 2.000 | 20.000 | H | 150J | 50.000 | G | 10UA | 60 | 55 | 1.000 |
| - | SE9063 | NS 605 | 66 | FSC | | 100S | 6.0 | 2.000 | 20.000 | H | 150J | 60.000 | G | 10UA | 60 | 82 | 1.000 |
| - | SE9070 | NS 605 | 3 | FSC | | 80S | 6.0 | 2.000 | 25.000 | H | 150J | 50.000 | G | 10UA | 40 | 50 | 1.000 |
| - | SE9071 | NS 605 | 3 | FSC | | 80S | 6.0 | 2.000 | 25.000 | H | 150J | 60.000 | G | 10UA | 40 | 98 | 1.000 |
| - | SE9072 | NS 605 | 3 | FSC | | 100S | 6.0 | 2.000 | 25.000 | H | 150J | 50.000 | G | 10UA | 60 | 50 | 1.000 |
| - | SE9073 | NS 605 | 3 | FSC | | 100S | 6.0 | 2.000 | 25.000 | H | 150J | 60.000 | G | 10UA | 60 | 98 | 1.000 |
| - | SE9080 | NS 605 | 3 | FSC | | 80S | 6.0 | 5.000 | 33.000 | H | 150J | 60.000 | G | 10UA | 40 | 50 | 2.500 |
| - | SE9081 | NS 605 | 3 | FSC | | 80S | 6.0 | 5.000 | 33.000 | H | 150J | 70.000 | G | 10UA | 40 | 125 | 2.500 |
| - | SE9082 | NS 605 | 3 | FSC | | 100S | 6.0 | 5.000 | 33.000 | H | 150J | 60.000 | G | 10UA | 60 | 50 | 2.500 |
| - | SE9083 | NS 605 | 3 | FSC | | 100S | 6.0 | 5.000 | 33.000 | H | 150J | 70.000 | G | 10UA | 60 | 125 | 2.500 |
| - | SE9570 | PS 605 | 3 | FSC | | 80S | 6.0 | 2.000 | 25.000 | H | 150J | 50.000 | G | 10UA | 40 | 50 | 1.000 |
| - | SE9571 | PS 605 | 3 | FSC | | 80S | 6.0 | 2.000 | 25.000 | H | 150J | 60.000 | G | 10UA | 40 | 125 | 1.000 |
| - | SE9572 | PS 605 | 3 | FSC | | 100S | 8.0 | 2.000 | 25.000 | H | 150J | 50.000 | G | 10UA | 60 | 50 | 1.000 |
| - | SE9573 | PS 605 | 3 | FSC | | 100S | 8.0 | 2.000 | 25.000 | H | 150J | 60.000 | G | 10UA | 60 | 125 | 1.000 |
| - | SE9580 | PS 605 | 3 | FSC | | 80S | 5.0 | 5.000 | 33.000 | H | 150J | 60.000 | G | 10UA | 40 | 50 | 2.500 |
| - | SE9581 | PS 605 | 3 | FSC | | 80S | 5.0 | 5.000 | 33.000 | H | 150J | 70.000 | G | 10UA | 40 | 118 | 2.500 |
| - | SE9582 | PS 605 | 3 | FSC | | 100S | 5.0 | 5.000 | 33.000 | H | 150J | 60.000 | G | 10UA | 60 | 50 | 2.500 |
| - | SE9583 | PS 605 | 3 | FSC | | 100S | 5.0 | 5.000 | 33.000 | H | 150J | 70.000 | G | 10UA | 60 | 118 | 2.500 |
| | SF.T124 | PG 181 A | | CSF | 24 | 30 | 12.0 | .500 | .350 | A | 100J | 1.000 | B | 20UA | 24 | 30 | |
| | SF.T125 | PG 181 A | | CSF | 24 | 20 | 12.0 | .500 | .350 | A | 100J | 2.000 | B | 20UA | 24 | 90 | |
| | SF.T125P | PG 181 A | | CSF | 30 | 15 | 15.0 | .500 | .350 | A | 100J | 2.000 | B | 25UA | 30 | 90 | |
| | SF.T130 | PG 775 A | | CSF | 24 | 30 | 12.0 | .500 | .550 | A | 100J | 1.000 | B | 20UA | 24 | 30 | |
| | SF.T131 | PG 775 A | | CSF | 24 | 20 | 12.0 | .500 | .550 | A | 100J | 2.000 | B | 20UA | 24 | 90 | |
| | SF.T131P | PG 775 A | | CSF | 30 | 15 | 15.0 | .500 | .550 | A | 100J | .015 | E | 25UA | 30 | 90 | |
| | SF.T143 | PG 181 A | | CSF | 45 | 20 | 25.0 | .500 | .350 | A | 100J | .400 | E | 20UA | 45 | 30 | |
| | SF.T144 | PG 181 A | | CSF | 45 | 20 | 25.0 | .500 | .350 | A | 100J | .600 | E | 20UA | 45 | 60 | |
| | SF.T145 | PG 775 A | | CSF | 45 | 20 | 25.0 | .500 | .550 | A | 100J | .400 | E | 20UA | 45 | 30 | |
| | SF.T146 | PG 775 A | | CSF | 45 | 20 | 25.0 | .500 | .550 | A | 100J | .600 | E | 20UA | 45 | 60 | |
| | SF.T163 | PG 128 | 44 | CSF | 15 | | .5 | .010 | .120 | A | 85J | 120.000 | G | 15UA | 15 | 120 | |
| | SF.T186 | NS 211 | 5 | CSF | 120 | | 5.0 | | .600 | A | 200J | 140.000 | G | 200UA | 60 | 30 | |
| | SF.T212 | PG 605 | 3 | CSF | 30 | 15 | 7.5 | 3.000 | 30.000 | C | 85J | .200 | B | 1MA | 30 | 80 | |
| | SF.T213 | PG 605 | 3 | CSF | 40 | 30 | 20.0 | 3.000 | 45.000 | C | 95J | .200 | B | 1MA | 40 | 40 | |
| | SF.T214 | PG 605 | 3 | CSF | 60 | 40 | 30.0 | 3.000 | 45.000 | C | 95J | .200 | B | 1MA | 60 | 40 | |
| | SF.T221 | PG 212 | 5 | CSF | 30 | 24S | 15.0 | .250 | .225 | A | 100J | 1.300 | B | 15UA | 30 | 30 | |
| | SF.T222 | PG 212 | 5 | CSF | 30 | 24S | 15.0 | .250 | .225 | A | 100J | 2.000 | B | 15UA | 30 | 50 | |
| | SF.T223 | PG 212 | 5 | CSF | 30 | 20S | 15.0 | .250 | .225 | A | 100J | 4.000 | B | 15UA | 30 | 100 | |
| | SF.T226 | PG 210 | 5 | CSF | 40 | 32S | 24.0 | .250 | .150 | A | 100J | 3.500 | G | 10UA | 40 | 32 | |
| | SF.T227 | PG 210 | 5 | CSF | 30 | 24S | 18.0 | .250 | .150 | A | 100J | 4.500 | G | 10UA | 30 | 46 | |
| | SF.T228 | PG 210 | 5 | CSF | 24 | 20S | 12.0 | .250 | .150 | A | 100J | 5.500 | G | 10UA | 24 | 62 | |
| | SF.T229 | PG 210 | 5 | CSF | 18 | 15S | 12.0 | .250 | .150 | A | 100J | 10.000 | G | 10UA | 18 | 90 | |
| | SF.T232 | PG 211 | 11 | CSF | 40 | 30 | 20.0 | 1.000 | .450 | A | 85J | AUD | | 125UA | 20 | 60 | |
| | SF.T233 | PG 211 | 11 | CSF | 60 | 40 | 20.0 | 1.000 | .450 | A | 85J | AUD | | 125UA | 30 | 60 | |
| | SF.T234 | PG 211 | 11 | CSF | 80 | 50 | 20.0 | 1.000 | .450 | A | 85J | AUD | | 125UA | 40 | 60 | |
| | SF.T237 | PG 210 | 5 | CSF | 15 | | 9.0 | .100 | .150 | A | 100J | 3.000 | B | 2MA | 2 | 100 | |
| | SF.T238 | PG 605 | 3 | CSF | 40 | 30 | 20.0 | 6.000 | 45.000 | C | 95J | .200 | B | 3MA | 40 | 40 | |
| | SF.T239 | PG 605 | 3 | CSF | 60 | 40 | 30.0 | 6.000 | 45.000 | C | 95J | .200 | B | 3MA | 60 | 40 | |
| | SF.T240 | PG 605 | 3 | CSF | 80 | 60 | 40.0 | 6.000 | 45.000 | C | 95J | .200 | B | 3MA | 80 | 40 | |
| | SF.T243 | PG 212 | 5 | CSF | 60 | 35S | 25.0 | .500 | .225 | A | 100J | 2.000 | B | 15UA | 60 | 60 | |
| | SF.T250 | PG 605 | 3 | CSF | 80 | 60 | 40.0 | 3.000 | 45.000 | C | 95J | .200 | B | 1MA | 80 | 90 | |
| | SF.T264 | PG 405 | 36 | CSF | 30 | 15 | 15.0 | 15.000 | 70.000 | C | 95J | .200 | B | 8MA | 30 | 60 | |
| | SF.T265 | PG 405 | 36 | CSF | 40 | 40 | 20.0 | 15.000 | 70.000 | C | 95J | .300 | B | 8MA | 40 | 50 | |
| | SF.T266 | PG 405 | 36 | CSF | 60 | 50 | 40.0 | 15.000 | 70.000 | C | 95J | .300 | B | 8MA | 60 | 50 | |
| | SF.T267 | PG 405 | 36 | CSF | 80 | 60 | 60.0 | 15.000 | 70.000 | C | 95J | .300 | B | 8MA | 80 | 50 | |
| | SF.T288 | PG 210 | 5 | CSF | 24 | | 12.0 | .500 | .150 | A | 100J | 7.000 | B | 10UA | 24 | 70 | |
| | SF.T298 | NG 212 | 5 | CSF | 30 | | 20.0 | .500 | .150 | A | 100J | 8.000 | G | 10UA | 30 | 70 | |
| | SF.T306 | PG 120 | 1 | CSF | 18 | 15 | 12.0 | .100 | .150 | A | 100J | 3.000 | B | 10UA | 15 | 40 | |
| | SF.T307 | PG 120 | 1 | CSF | 18 | 15 | 12.0 | .100 | .150 | A | 100J | 7.000 | B | 10UA | 15 | 80 | |
| | SF.T308 | PG 120 | 1 | CSF | 18 | 15 | 12.0 | .100 | .150 | A | 100J | 13.000 | B | 10UA | 15 | 100 | |
| | SF.T315 | PG 120 | 1 | CSF | 40 | 20 | .5 | .010 | .120 | A | 85J | 18.000 | G | 10UA | 12 | 90 | |
| | SF.T316 | PG 128 | 44 | CSF | 20 | | .5 | .010 | .120 | A | 85J | 60.000 | G | 15UA | 15 | 120 | |
| | SF.T317 | PG 120 | 1 | CSF | 20 | | .5 | .010 | .150 | A | 100J | 40.000 | G | 15UA | 15 | 100 | |
| | SF.T319 | PG 120 | 1 | CSF | 20 | | .5 | .010 | .150 | A | 100J | 15.000 | G | 15UA | 15 | 50 | |
| | SF.T320 | PG 120 | 1 | CSF | 20 | | .5 | .010 | .150 | A | 100J | 35.000 | G | 15UA | 15 | 80 | |
| | SF.T322 | PG 120 | 1 | CSF | 24 | 20 | 12.0 | .250 | .200 | A | 100J | 1.600 | B | 15UA | 24 | 50 | |
| | SF.T323 | PG 120 | 1 | CSF | 24 | 20 | 12.0 | .250 | .200 | A | 100J | 2.600 | B | 15UA | 24 | 100 | |
| | SF.T337 | PG 120 | 1 | CSF | 15 | 15 | 9.0 | .100 | .150 | A | 85J | 3.000 | B | 3UA | 9 | 120 | |
| | SF.T352 | PG 120 | 1 | CSF | 24 | 20 | 2.0 | .150 | .200 | A | 100J | 1.600 | B | 15UA | 24 | 58 | |
| | SF.T353 | PG 120 | 1 | CSF | 24 | 20 | 2.0 | .150 | .200 | A | 100J | 2.400 | B | 15UA | 24 | 92 | |
| | SF.T354 | PG 128 | 44 | CSF | 20 | | .5 | .010 | .120 | A | 85J | 65.000 | G | 15UA | 15 | 120 | |
| | SF.T357 | PG 128 | 44 | CSF | 20 | | .5 | .010 | .120 | A | 85J | 85.000 | G | 15UA | 15 | 120 | |
| | SF.T357P | PG 128 | 44 | CSF | 30 | 10 | .5 | .010 | .120 | A | 85J | 60.000 | G | 20UA | 30 | 160 | |
| | SF.T358 | PG 128 | 44 | CSF | 20 | | .5 | .010 | .120 | A | 85J | 110.000 | G | 15UA | 15 | 120 | |
| | SHA7520 | PS 903 A | | SOL | 35 | 35 | 35.0 | | 1.000 | A | 160J | .800 | B | 100NA | | 10 | .001 |
| | SHA7521 | PS 903 A | | SOL | 60 | 60 | 60.0 | | 1.000 | A | 160J | .800 | B | 100NA | | 10 | .001 |
| | SHA7522 | PS 903 A | | SOL | 15 | 15 | 15.0 | | 1.000 | A | 160J | .800 | B | 100NA | | 22 | .001 |
| | SHA7523 | PS 903 A | | SOL | 35 | 35 | 35.0 | | 1.000 | A | 160J | .800 | B | 100NA | | 22 | .001 |
| | SHA7524 | PS 903 A | | SOL | 60 | 60 | 60.0 | | 1.000 | A | 160J | .800 | B | 100NA | | 22 | .001 |
| | SHA7525 | PS 903 A | | SOL | 110 | 110 | 110.0 | | 1.000 | A | 160J | .800 | B | 100NA | | 22 | .001 |
| | SHA7526 | PS 903 A | | SOL | 15 | 15 | 15.0 | | 1.000 | A | 160J | .800 | B | 100NA | | 44 | .001 |
| | SHA7527 | PS 903 A | | SOL | 35 | 35 | 35.0 | | 1.000 | A | 160J | .800 | B | 100NA | | 44 | .001 |
| | SHA7528 | PS 903 A | | SOL | 60 | 60 | 60.0 | | 1.000 | A | 160J | .800 | B | 100NA | | 44 | .001 |
| | SHA7529 | PS 903 A | | SOL | 90 | 90 | 90.0 | | 1.000 | A | 160J | .800 | B | 100NA | | 22 | .001 |
| | SHA7530 | PS 211 | 5 | SOL | 35 | 35 | 35.0 | | .400 | A | | .800 | B | 100NA | | 10 | .001 |
| | SHA7531 | PS 211 | 5 | SOL | 60 | 60 | 60.0 | | .400 | A | | .800 | B | 100NA | | 10 | .001 |
| | SHA7532 | PS 211 | 5 | SOL | 15 | 15 | 15.0 | | .400 | A | | .800 | B | 100NA | | 22 | .001 |
| | SHA7533 | PS 211 | 5 | SOL | 35 | 35 | 35.0 | | .400 | A | | .800 | B | 100NA | | 22 | .001 |
| | SHA7534 | PS 211 | 5 | SOL | 60 | 60 | 60.0 | | .400 | A | | .800 | B | 100NA | | 22 | .001 |
| | SHA7535 | PS 211 | 5 | SOL | 110 | 110 | 110.0 | | .400 | A | | .800 | B | 100NA | | 22 | .001 |
| | SHA7536 | PS 211 | 5 | SOL | 15 | 15 | 15.0 | | .400 | A | | .800 | B | 100NA | | 44 | .001 |
| | SHA7537 | PS 211 | 5 | SOL | 35 | 35 | 35.0 | | .400 | A | | .800 | B | 100NA | | 44 | .001 |
| | SHA7538 | PS 211 | 5 | SOL | 60 | 60 | 60.0 | | .400 | A | | .800 | B | 100NA | | 44 | .001 |
| | SHA7539 | PS 211 | 5 | SOL | 90 | 90 | 90.0 | | .400 | A | | .800 | B | 100NA | | 22 | .001 |
| | SHA7597 | PS 903 A | | SOL | 50 | 40 | 20.0 | | 1.000 | A | 160J | .800 | B | 100NA | | 14 | .001 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ $I_C$(A) |
| | SHA7598 | PS 903 A | | SOL | 50 | 35 | 20.0 | | 1.000 | A | 160J | | .800 | B | 100NA | 29 .001 |
| | SHA7599 | PS 903 A | | SOL | 50 | 30 | 20.0 | | 1.000 | A | 160J | | .800 | B | 100NA | 58 .001 |
| | SK3003 | PG 120 | 1 | RCA | 9 | | | .500 | .150 | A | | | AUD | | | |
| | SK3004 | PG 120 | 1 | RCA | 15 | | | .500 | .150 | A | | | AUD | | | |
| | SK3005 | PG 120 | 1 | RCA | 12 | | | .005 | .250 | A | | | RF AMP | | | |
| | SK3006 | PG 75 | 45 | RCA | 15 | | | .005 | .250 | A | | | FM IF | | | |
| | SK3007 | PG 75 | 45 | RCA | 15 | | | .005 | .250 | A | | | 30.000 | G | | |
| | SK3008 | PG 120 | 1 | RCA | 15 | | | | .250 | A | | | RF AMP | | | |
| | SK3009 | PG 605 | 3 | RCA | | 50 | | 10.000 | 30.000 | C | | | AUD | | | |
| | SK3010 | NG 120 | 1 | RCA | 15 | | | .100 | .150 | A | | | AUD | | | |
| | SK3011 | NG 210 | 5 | RCA | 18 | | | .500 | .150 | A | | | RF AMP | | | |
| | SK3012 | PG 405 | 36 | RCA | 15 | | | 7.500 | 150.000 | C | | | AUD | | | |
| | SK3014 | PG 605 | 3 | RCA | | 50 | 1.5 | 5.000 | 12.500 | C | | | AUD | | | |
| | SK3018 | NS 217 | 72 | RCA | 25 | | | | | | | | 800.000 | G | | |
| | SK3019 | NS 217 | 72 | RCA | | | | | | | | | UHF OSC | | | |
| | SK3020 | NS 210 | 18 | RCA | 25 | | | .300 | .500 | A | | | | | 150 | .010 |
| | SK3021 | NS 605 | 3 | RCA | 300 | | | | 8.000 | C | | | 25.000 | G | 50 | |
| | SK3024 | NS 211 | 5 | RCA | 80 | | | | | | | | 100.000 | G | 80 | |
| | SK3025 | PS 211 | 5 | RCA | 80 | | | | | | | | 100.000 | G | 80 | |
| | SK3026 | NS 605 | 3 | RCA | | | | | | | | | .800 | G | | |
| | SK3027 | NS 605 | 3 | RCA | | | | | | | | | .800 | G | | |
| | SK3034 | PG 605 | 3 | RCA | 80 | | | | | | | | HOR AMP | | | |
| | SK3035 | PG 605 | 3 | RCA | 36 | | | 3.000 | 10.000 | C | | | HOR AMP | | | |
| | SK3036 | NS 605 | 3 | RCA | 36 | | | 10.000 | 5.000 | C | | | | | | |
| | SK3038 | NS 210 | 18 | RCA | 80 | | | 20.000 | 150.000 | C | | | .800 | G | 15 | 15.000 |
| | SK3039 | NS 217 | 72 | RCA | 18 | | | .025 | .400 | A | | | AUD | | 200 | .002 |
| | SK3040 | NS 211 M | | RCA | 15 | | | .030 | .150 | A | | | 1200.000 | G | | |
| | SK3041 | NS 94 A | | RCA | 140 | | | | 1.000 | A | | | VID AMP | | 100 | .025 |
| | SK3044 | NS 211 | 39 | RCA | 18 | | | 4.000 | 36.000 | C | | | AUD | | | |
| | SK3045 | NS 635 B | | RCA | 300 | 300 | 7.0 | 1.000 | 10.000 | C | | | 15.000 | G | 80 | |
| | SK3046 | NS 211 | 5 | RCA | 300 | 300 | 6.0 | 1.000 | 10.000 | C | | | 15.000 | G | 80 | |
| | SK3047 | NS 211 | 39 | RCA | 60 | 30 | 2.0 | .250 | .500 | A | | | 300.000 | G | 50 | |
| | SK3048 | NS 211 | 39 | RCA | 60 | 30 | 2.0 | .250 | 2.000 | C | | | 300.000 | G | 50 | |
| | SK3049 | NS 635 B | | RCA | 60 | 30 | 2.5 | 1.500 | 50.000 | C | | | 200.000 | G | 60 | |
| | | | | | 60 | 30 | 2.5 | 1.500 | 10.000 | C | | | 200.000 | G | 60 | |
| | SK3052 | PG 405 | 66 | RCA | 60 | 60 | 12.0 | 2.000 | 6.000 | C | | | .450 | G | 110 | |
| | SK3053 | PS 211 | 5 | RCA | 200 | 200 | 4.0 | 1.000 | 10.000 | C | | | 15.000 | G | 90 | |
| | SK3054 | NS 54 D | | RCA | 90 | 70 | 5.0 | 7.000 | 50.000 | C | | | 2.000 | G | 70 | |
| | SK3079 | NS 602 | 3 | RCA | 160 | 140 | 7.0 | 10.000 | 117.000 | C | | | 10.000 | G | 80 | |
| | SK3510 | NS 605 | 3 | RCA | 100 | 60 | 7.0 | 15.000 | 115.000 | C | 200J | | .900 | G | 700UA 60 | 45 4.000 |
| | SK3511 | NS 605 | 3 | RCA | 100 | 60 | 7.0 | 20.000 | 150.000 | C | 200J | | 1.000 | G | 10MA 60 | 40 4.000 |
| | SK3512 | PS 211 | 39 | RCA | 100 | 75 | 7.0 | 2.000 | 10.000 | C | 110J | | 70.000 | G | 500NA 100 | 90 .400 |
| | SK3513 | PS 211 | 39 | RCA | 100 | 75 | 7.0 | 2.000 | 10.000 | C | 110J | | 70.000 | G | 500NA 100 | 70 .400 |
| | SN60 | NS 210 | 18 | SEM | 25 | 15 | 4.0 | .200 | .300 | A | | | 300.000 | G | | 100 |
| | SN80 | NS 210 | 5 | SEM | 60 | 40 | 5.0 | .800 | .800 | A | | | 800.000 | G | | 70 |
| - | SO-1 | PG 105 | 24 | SPR | 5 | 5 | | .005 | .020 | A | 65J | | 20.000 | F | 10UA 5 | 10 |
| - | SO-2 | PG 105 | 24 | SPR | 3 | 3 | | .005 | .015 | A | 65J | | 10.000 | F | 10UA 3 | 10 |
| - | SO-3 | PG 105 | 24 | SPR | 5 | 5 | | .005 | .020 | A | 65J | | 30.000 | F | 10UA 5 | 10 |
| | SP70 | PS 210 | 5 | SEM | 60 | 40 | 5.0 | .800 | .800 | A | | | 800.000 | G | | 70 |
| | SP90 | PS 210 | 18 | SEM | 25 | 15 | 4.0 | .200 | .300 | A | | | 300.000 | G | | 100 |
| | SRF1001 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | SRF1002 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | SRF11101 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | SRF12101 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | SRF12212 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | SRF12213 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | SRF13113 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | SRF13122 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | SRF13123 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | SRF13212 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | SRF13213 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | SRF21140 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | SRF23121 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | SRF23211 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | SRF32214 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | SRF52101 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | SRF52214 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | SRF53104 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | SRF53114 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | SRF53215 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | SRF54215 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | ST400 | NS 561 | 61 | TEC | 60 | 60 | 10.0 | | 78.000 | C | 200J | | 12.000 | G | 10MA 60 | 40 |
| | ST401 | NS 561 | 61 | TEC | 45 | 45 | 5.0 | | 78.000 | C | 200J | | 12.000 | G | 20MA 45 | 44 |
| - | ST440 | NS 731 | 53 | TEC | 60 | 60 | 5.0 | | 60.000 | C | 150J | | 4.000 | B | 20MA 60 | 25 |
| - | ST450 | NS 561 | 61 | TEC | 60 | 60 | 5.0 | | 600.000 | C | 150J | | 4.000 | B | 20MA 60 | 25 |
| - | ST4150 | NS 210 | 5 | TEC | 60 | 60 | 6.0 | | .600 | A | 200J | | 8.000 | G | 15UA 60 | 25 |
| - | ST4201 | NS 210 | 5 | TEC | 45 | 45 | 4.0 | | .600 | A | 200J | | | | 15UA 30 | 24 |
| - | ST4202 | NS 210 | 5 | TEC | 75 | 75 | 4.0 | | .600 | A | 200J | | | | 15UA 30 | 24 |
| - | ST4203 | NS 210 | 5 | TEC | 45 | 45 | 4.0 | | .600 | A | 200J | | | | 15UA 30 | 60 |
| - | ST4204 | NS 210 | 5 | TEC | 75 | 75 | 4.0 | | .600 | A | 200J | | | | 15UA 30 | 60 |
| | ST5641 | NS 211 | 18 | TEC | 30 | 25 | | | | | | | | | | 75 .001 |
| | ST7100 | NS 211 | 18 | TEC | 60 | 30 | | | .360 | A | | | 60.000 | G | 2NA 45 | 600 .001 |
| | ST10000 | PS 561 | 61 | TEC | | 80 | | 10.000 | 50.000 | C | | | | | | 30 5.000 |
| | ST10001 | PS 561 | 61 | TEC | | 100 | | 10.000 | 50.000 | C | | | | | | 30 5.000 |
| | ST14000 | NS 561 | 63 | TEC | | 80 | | 80.000 | 200.000 | C | | | | | | 30 50.000 |
| | ST14000A | NS 561 | 63 | TEC | | 100 | | 80.000 | 200.000 | C | | | | | | 30 50.000 |
| | ST14011 | NS 561 | 63 | TEC | 100 | 60 | | | 200.000 | C | | | 10.000 | G | 10UA 80 | 90 20.000 |
| | ST14012 | NS 561 | 63 | TEC | 125 | 80 | | | 200.000 | C | | | 10.000 | G | 10UA 100 | 90 20.000 |
| | ST14013 | NS 561 | 63 | TEC | 150 | 100 | | | 200.000 | C | | | 10.000 | G | 10UA 120 | 90 20.000 |
| | ST15013 | NS 561 | 63 | TEC | 100 | 60 | | | 125.000 | C | | | 10.000 | G | 10UA 80 | 90 10.000 |
| | ST15014 | NS 561 | 63 | TEC | 125 | 80 | | 40.000 | 125.000 | C | | | 10.000 | G | 10UA 100 | 90 10.000 |
| | ST15015 | NS 561 | 63 | TEC | 150 | 100 | | 40.000 | 125.000 | C | | | 10.000 | G | 10UA 120 | 90 10.000 |
| | ST15043 | NS 561 | 63 | TEC | 125 | 80 | 10.0 | 40.000 | 187.000 | H | 200J | | 10.000 | G | 100UA 100 | 50 10.000 |
| | ST15044 | NS 561 | 63 | TEC | 145 | 100 | 10.0 | 40.000 | 187.000 | H | | | 10.000 | G | 100UA 120 | 50 10.000 |
| | ST15045 | NS 561 | 63 | TEC | 170 | 120 | 10.0 | 40.000 | 187.000 | H | | | 10.000 | G | 100UA 135 | 50 10.000 |
| | ST17003 | NS 561 | 63 | TEC | | 80 | | 20.000 | 50.000 | C | | | | | | 30 10.000 |
| | ST17004 | NS 561 | 63 | TEC | | 100 | | 20.000 | 50.000 | C | | | | | | 30 10.000 |
| | ST17060 | NS 561 | 61 | TEC | 125 | 80 | 10.0 | 30.000 | 150.000 | H | | | 10.000 | G | 100UA 100 | 50 10.000 |
| | ST17061 | NS 561 | 61 | TEC | 145 | 100 | 10.0 | 30.000 | 150.000 | H | | | 10.000 | G | 100UA 120 | 50 10.000 |
| | ST17062 | NS 561 | 61 | TEC | 170 | 120 | 10.0 | 30.000 | 150.000 | H | | | 10.000 | G | 100UA 135 | 50 10.000 |
| | ST18007 | NS 561 | 63 | TEC | | 375 | | 2.000 | 100.000 | C | | | | | | 30 10.000 |
| | ST18008 | NS 561 | 63 | TEC | | 300 | | 2.000 | 100.000 | C | | | | | | 30 10.000 |
| | ST18009 | NS 561 | 63 | TEC | | 250 | | 2.000 | 100.000 | C | | | | | | 30 10.000 |
| | ST18010 | NS 561 | 63 | TEC | | 200 | | 2.000 | 100.000 | C | | | | | | 30 10.000 |
| | ST18011 | NS 561 | 61 | TEC | | 375 | | 10.000 | 50.000 | C | | | | | | 30 5.000 |
| | ST18012 | NS 561 | 61 | TEC | | 300 | | 10.000 | 50.000 | C | | | | | | 30 5.000 |
| | ST18013 | NS 561 | 61 | TEC | | 250 | | 10.000 | 50.000 | C | | | | | | 30 5.000 |
| | ST18014 | NS 561 | 61 | TEC | | 200 | | 10.000 | 50.000 | C | | | | | | 30 5.000 |
| | ST18015 | NS 561 | 59 | TEC | | 375 | | 5.000 | 30.000 | C | | | | | | 30 2.500 |
| | ST18016 | NS 561 | 59 | TEC | | 300 | | 5.000 | 30.000 | C | | | | | | 30 2.500 |
| | ST18017 | NS 561 | 59 | TEC | | 250 | | 5.000 | 30.000 | C | | | | | | 30 2.500 |
| | ST18018 | NS 561 | 59 | TEC | | 200 | | 5.000 | 30.000 | C | | | | | | 30 2.500 |
| | ST40000 | PS 561 | 63 | TEC | | 80 | | 40.000 | 100.000 | C | | | | | | 30 25.000 |
| | ST40001 | PS 561 | 63 | TEC | | 100 | | 40.000 | 100.000 | C | | | | | | 30 25.000 |
| | ST54000 | PS 561 | 63 | TEC | | 80 | | 20.000 | 100.000 | C | | | | | | 30 10.000 |
| | ST54001 | PS 561 | 63 | TEC | | 100 | | 20.000 | 100.000 | C | | | | | | 30 10.000 |
| | ST61000 | PS 211 | 18 | TEC | 40 | 35 | | | | | | | | | | 150 .001 |
| | ST72000 | PS 561 | 59 | TEC | | 80 | | 2.000 | 30.000 | C | | | | | | 75 1.000 |
| | ST72000A | PS 561 | 59 | TEC | | 100 | | 2.000 | 30.000 | C | | | | | | 75 1.000 |
| | ST72011 | PS 561 | 59 | TEC | 40 | 40 | | | 30.000 | C | | | 30.000 | G | 1UA 30 | 80 1.500 |
| | ST72012 | PS 561 | 59 | TEC | 60 | 60 | | | 30.000 | C | | | 30.000 | G | 1UA 40 | 80 1.500 |
| | ST72013 | PS 561 | 59 | TEC | 80 | 80 | | | 30.000 | C | | | 30.000 | G | 1UA 60 | 80 1.500 |
| | ST72014 | PS 561 | 59 | TEC | 100 | 100 | | | 30.000 | C | | | 30.000 | G | 1UA 80 | 80 1.500 |
| | ST72015 | PS 561 | 61 | TEC | 60 | 60 | | | 50.000 | C | | | 10.000 | G | 10UA 60 | 80 3.000 |
| | ST72016 | PS 561 | 61 | TEC | 80 | 80 | | | 50.000 | C | | | 10.000 | G | 10UA 60 | 80 3.000 |
| | ST72017 | PS 561 | 61 | TEC | 100 | 100 | | | 50.000 | C | | | 10.000 | G | 10UA 80 | 80 3.000 |
| | ST72018 | PS 561 | 63 | TEC | 40 | 40 | | | 100.000 | C | | | 10.000 | G | 10UA 30 | 70 10.000 |
| | ST72019 | PS 561 | 63 | TEC | 60 | 60 | | | 100.000 | C | | | 10.000 | G | 10UA 40 | 70 10.000 |
| | ST72020 | PS 561 | 63 | TEC | 80 | 80 | | | 100.000 | C | | | 10.000 | G | 10UA 60 | 70 10.000 |
| | ST72021 | PS 561 | 63 | TEC | 100 | 100 | | | 100.000 | C | | | 10.000 | G | 10UA 80 | 70 10.000 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | | $I_{CBO}$ @ $V_{CB}$ | $h_{FE}$ @ | $I_C$(A) |
| | ST74000 | NS 211 | 5 | TEC | | 100 | | | 10.000 | C | | | | | 105 | 1.000 |
| | ST74049 | NS 211 | 5 | TEC | 125 | 80 | 10.0 | 2.000 | 11.250 | H | | | 10.000 | G | 10UA 100 | 50 1.000 |
| | ST74050 | NS 211 | 5 | TEC | 145 | 100 | 10.0 | 2.000 | 11.250 | H | | | 10.000 | G | 10UA 120 | 50 1.000 |
| | ST74051 | NS 211 | 5 | TEC | 170 | 120 | 10.0 | 2.000 | 11.250 | H | | | 10.000 | G | 10UA 135 | 50 1.000 |
| | ST75000 | PS 211 | 5 | TEC | | 80 | | 1.000 | 10.000 | C | | | | | | 75 1.000 |
| | ST75001 | PS 211 | 5 | TEC | | 100 | | 1.000 | 10.000 | C | | | | | | 75 1.000 |
| | ST76006 | PS 561 | 59 | TEC | | 80 | | 5.000 | 30.000 | C | | | | | | 30 2.500 |
| | ST76007 | PS 561 | 59 | TEC | | 100 | | 5.000 | 30.000 | C | | | | | | 30 2.500 |
| | ST84000 | NS 211 | 5 | TEC | | 100 | | .500 | 5.000 | C | | | | | | 80 .200 |
| | ST84027 | NS 211 | 5 | TEC | 170 | 120 | 10.0 | 1.000 | 7.500 | H | | | 10.000 | G | 10UA 130 | 70 .200 |
| | ST84028 | NS 211 | 5 | TEC | 190 | 140 | 10.0 | 1.000 | 7.500 | H | | | 10.000 | G | 10UA 150 | 70 .200 |
| | ST84029 | NS 211 | 5 | TEC | 220 | 180 | 10.0 | 1.000 | 7.500 | H | | | 10.000 | G | 10UA 170 | 70 .200 |
| | ST86020 | NS 561 | 61 | TEC | 125 | 80 | 10.0 | 5.000 | 75.000 | H | | | 10.000 | G | 100UA 100 | 50 3.000 |
| | ST86021 | NS 561 | 61 | TEC | 145 | 100 | 10.0 | 5.000 | 75.000 | H | | | 10.000 | G | 120 | 50 3.000 |
| | ST86022 | NS 561 | 61 | TEC | 170 | 120 | 10.0 | 5.000 | 75.000 | H | | | 10.000 | G | 135 | 50 3.000 |
| | ST90000 | NS 561 | 59 | TEC | | 100 | | 5.000 | 30.000 | C | | | | | | 115 1.000 |
| | ST91000 | NS 561 | 59 | TEC | | 100 | | 2.000 | 30.000 | C | | | | | | 105 1.000 |
| | ST91054 | NS 211 | 5 | TEC | 125 | 80 | 10.0 | 5.000 | 15.000 | H | 200J | | 10.000 | G | 20UA 100 | 50 2.000 |
| | ST91055 | NS 211 | 5 | TEC | 145 | 100 | 10.0 | 5.000 | 15.000 | H | 200J | | 10.000 | G | 20UA 120 | 50 2.000 |
| | ST91056 | NS 211 | 5 | TEC | 170 | 120 | 10.0 | 5.000 | 15.000 | H | 200J | | 10.000 | G | 20UA 135 | 50 2.000 |
| | ST91057 | NS 561 | 59 | TEC | 125 | 80 | 10.0 | 10.000 | 60.000 | H | 200J | | 10.000 | G | 30UA 100 | 50 2.000 |
| | ST91058 | NS 561 | 59 | TEC | 145 | 100 | 10.0 | 10.000 | 60.000 | H | 200J | | 10.000 | G | 30UA 120 | 50 2.000 |
| | ST91059 | NS 561 | 59 | TEC | 170 | 120 | 10.0 | 10.000 | 60.000 | H | 200J | | 10.000 | G | 30UA 135 | 50 2.000 |
| | ST92006 | NS 561 | 59 | TEC | 125 | 80 | 10.0 | 20.000 | 45.000 | H | 200J | | 10.000 | G | 20UA 100 | 50 1.000 |
| | ST92007 | NS 561 | 59 | TEC | 145 | 100 | 10.0 | 20.000 | 45.000 | H | 200J | | 10.000 | G | 20UA 120 | 50 1.000 |
| | ST92008 | NS 561 | 59 | TEC | 170 | 120 | 10.0 | 20.000 | 45.000 | H | 200J | | 10.000 | G | 20UA 135 | 50 1.000 |
| | STC1024 | NS 731 | 53 | STC | | 60 | | 5.000 | 85.000 | C | | | | | 1MA 80 | 41 1.500 |
| | STC1080 | NS 605 | 3 | STC | | 40 | | 3.000 | 75.000 | C | | | | | 10MA 40 | 21 1.000 |
| | STC1081 | NS 605 | 3 | STC | | 60 | | 3.000 | 75.000 | C | | | | | 10MA 60 | 21 1.000 |
| | STC1082 | NS 605 | 3 | STC | | 80 | | 3.000 | 75.000 | C | | | | | 10MA 80 | 21 1.000 |
| | STC1083 | NS 605 | 3 | STC | | 40 | | 5.000 | 75.000 | C | | | | | 10MA 40 | 18 2.000 |
| | STC1084 | NS 605 | 3 | STC | | 60 | | 5.000 | 75.000 | C | | | | | 10MA 60 | 18 2.000 |
| | STC1085 | NS 605 | 3 | STC | | 80 | | 5.000 | 75.000 | C | | | | | 10MA 80 | 18 2.000 |
| | STC1300 | NS 461 | 57 | STC | | 40 | | 1.500 | 40.000 | C | | | | | 1MA 60 | 40 .300 |
| | STC1550 | NS 561 | 61 | STC | | 40 | | 3.000 | 85.000 | C | | | | | 1MA 40 | 21 1.000 |
| | STC1551 | NS 561 | 61 | STC | | 60 | | 3.000 | 85.000 | C | | | | | 1MA 60 | 21 1.000 |
| | STC1552 | NS 561 | 61 | STC | | 80 | | 3.000 | 85.000 | C | | | | | 1MA 80 | 21 1.000 |
| | STC1553 | NS 561 | 61 | STC | | 40 | | 5.000 | 85.000 | C | | | | | 1MA 40 | 17 2.000 |
| | STC1726 | NS 561 | 63 | STC | 80 | 80 | 10.0 | 20.000 | 200.000 | C | 200J | | | | 2MA 80 | 50 |
| | STC1728 | NS 561 | 63 | STC | 80 | 80 | 10.0 | 30.000 | 200.000 | C | 200J | | | | 2MA 80 | 24 |
| | STC1731 | NS 561 | 63 | STC | 100 | 100 | 10.0 | 20.000 | 200.000 | C | 200J | | | | 2MA 100 | 50 |
| | STC1733 | NS 561 | 63 | STC | 100 | 100 | 10.0 | 30.000 | 200.000 | C | 200J | | | | 2MA 100 | 24 |
| | STC1736 | NS 561 | 63 | STC | 150 | 150 | 10.0 | 20.000 | 200.000 | C | 200J | | | | 2MA 150 | 50 |
| | STC1738 | NS 561 | 63 | STC | 150 | 150 | 10.0 | 30.000 | 200.000 | C | 200J | | | | 2MA 150 | 24 |
| | STC1800 | NS 631 | 37 | STC | | 40 | | 2.500 | 17.500 | C | | | | | 50UA 60 | 40 .300 |
| | STC1850 | NS 631 | 37 | STC | | 60 | | 3.000 | 17.500 | C | | | | | 350UA 80 | 30 1.000 |
| | STC2220 | NS 605 | 3 | STC | 80 | 80 | 10.0 | 20.000 | 200.000 | C | 200J | | | | 2MA 80 | 30 |
| | STC2221 | NS 605 | 3 | STC | 100 | 100 | 10.0 | 20.000 | 200.000 | C | 200J | | | | 2MA 100 | 30 |
| | STC2222 | NS 605 | 3 | STC | 150 | 150 | 10.0 | 20.000 | 200.000 | C | 200J | | | | 2MA 150 | 30 |
| | STC2223 | NS 605 | 3 | STC | 200 | 200 | 10.0 | 20.000 | 200.000 | C | 200J | | | | 2MA 200 | 30 |
| | STC2224 | NS 605 | 3 | STC | 80 | 80 | 10.0 | 25.000 | 200.000 | C | 200J | | | | 2MA 80 | 30 |
| | STC2225 | NS 605 | 3 | STC | 100 | 100 | 10.0 | 25.000 | 200.000 | C | 200J | | | | 2MA 100 | 30 |
| | STC2226 | NS 605 | 3 | STC | 150 | 150 | 10.0 | 25.000 | 200.000 | C | 200J | | | | 2MA 150 | 30 |
| | STC2227 | NS 605 | 3 | STC | 200 | 200 | 10.0 | 25.000 | 200.000 | C | 200J | | | | 2MA 200 | 30 |
| | STC2228 | NS 605 | 3 | STC | 80 | 80 | 10.0 | 30.000 | 200.000 | C | 200J | | | | 2MA 80 | 26 |
| | STC2229 | NS 605 | 3 | STC | 100 | 100 | 10.0 | 30.000 | 200.000 | C | 200J | | | | 2MA 100 | 26 |
| | STC2230 | NS 605 | 3 | STC | 150 | 150 | 10.0 | 30.000 | 200.000 | C | 200J | | | | 2MA 150 | 26 |
| | STC2231 | NS 605 | 3 | STC | | 200 | | 30.000 | 200.000 | C | | | | | 2MA 200 | 20 20.000 |
| | STC3701 | NS 561 | 63 | STC | 200 | 200 | 10.0 | 30.000 | 200.000 | C | 200J | | | | 2MA 200 | 24 |
| - | STC4401 | NS 605 | 66 | STC | 60 | 40 | 5.0 | 4.000 | 25.000 | C | 200J | | | | 1MA 30 | 50 1.500 |
| - | STC5109/I | PS 730 | 53 | STC | 40 | 40 | 10.0 | 3.000 | 85.000 | C | 200J | | | | 250UA 20 | 36 1.000 |
| - | STC5110/I | PS 730 | 53 | STC | 60 | 60 | 10.0 | 3.000 | 85.000 | C | 200J | | | | 250UA 30 | 36 1.000 |
| - | STC5111/I | PS 730 | 53 | STC | 80 | 80 | 10.0 | 3.000 | 85.000 | C | 200J | | | | 250UA 40 | 36 1.000 |
| - | STC5112/I | PS 730 | 53 | STC | 40 | 40 | 10.0 | 2.000 | 85.000 | C | 200J | | | | 250UA 20 | 36 .500 |
| - | STC5113/I | PS 730 | 53 | STC | 60 | 60 | 10.0 | 2.000 | 85.000 | C | 200J | | | | 250UA 30 | 36 .500 |
| - | STC5114/I | PS 730 | 53 | STC | 80 | 80 | 10.0 | 2.000 | 85.000 | C | 200J | | | | 250UA 40 | 36 .500 |
| | STC5202 | PS 171 | 8 | STC | 40 | 40 | 10.0 | 3.000 | 25.000 | C | 200J | | | | 250UA 20 | 36 1.000 |
| | STC5203 | PS 171 | 8 | STC | 60 | 60 | 10.0 | 3.000 | 25.000 | C | 200J | | | | 250UA 30 | 36 1.000 |
| | STC5204 | PS 171 | 8 | STC | 80 | 80 | 10.0 | 3.000 | 25.000 | C | 200J | | | | 250UA 40 | 36 1.000 |
| | STC5205 | PS 171 | 8 | STC | 40 | 40 | 10.0 | 2.000 | 25.000 | C | 200J | | | | 250UA 20 | 36 .500 |
| | STC5206 | PS 171 | 8 | STC | 60 | 60 | 10.0 | 2.000 | 25.000 | C | 200J | | | | 250UA 30 | 36 .500 |
| | STC5207 | PS 171 | 8 | STC | 80 | 80 | 10.0 | 2.000 | 25.000 | C | 200J | | | | 250UA 40 | 36 .500 |
| - | STC5519/I | PS 560 | 61 | STC | 40 | 40 | 10.0 | 3.000 | 85.000 | C | 200J | | | | 250UA 20 | 36 1.000 |
| - | STC5520/I | PS 560 | 61 | STC | 60 | 60 | 10.0 | 3.000 | 85.000 | C | 200J | | | | 250UA 30 | 36 1.000 |
| - | STC5521/I | PS 560 | 61 | STC | 80 | 80 | 10.0 | 3.000 | 85.000 | C | 200J | | | | 250UA 40 | 36 1.000 |
| - | STC5522/I | PS 560 | 61 | STC | 40 | 40 | 10.0 | 2.000 | 85.000 | C | 200J | | | | 250UA 20 | 36 .500 |
| - | STC5523/I | PS 560 | 61 | STC | 60 | 60 | 10.0 | 2.000 | 85.000 | C | 200J | | | | 250UA 30 | 36 .500 |
| - | STC5524/I | PS 560 | 61 | STC | 80 | 80 | 10.0 | 2.000 | 85.000 | C | 200J | | | | 250UA 40 | 36 .500 |
| | STC5610 | PS 211 | 5 | STC | | 60 | 10.0 | 1.000 | 8.750 | C | 200J | | 1.000 | G | 150UA 20 | 35 .150 |
| | STC5611 | PS 211 | 5 | STC | | 100 | 10.0 | 1.000 | 8.750 | C | 200J | | 1.000 | G | 150UA 40 | 35 .150 |
| | STC5612 | PS 211 | 5 | STC | | 120 | 10.0 | 1.000 | 8.750 | C | 200J | | 1.000 | G | 150UA 80 | 35 .150 |
| | STC5624 | PS 211 | 5 | STC | 120 | 120 | 10.0 | 1.000 | 8.750 | C | 200J | | | | 250UA 60 | 24 |
| | STC5802 | PS 631 | 37 | STC | 40 | 40 | 10.0 | 3.000 | 17.500 | C | 200J | | | | 250UA 20 | 36 1.000 |
| | STC5803 | PS 631 | 37 | STC | 60 | 60 | 10.0 | 3.000 | 17.500 | C | 200J | | | | 250UA 30 | 36 1.000 |
| | STC5804 | PS 631 | 37 | STC | 80 | 80 | 10.0 | 3.000 | 17.500 | C | 200J | | | | 250UA 40 | 36 1.000 |
| | STC5805 | PS 631 | 37 | STC | 40 | 40 | 10.0 | 2.000 | 17.500 | C | 200J | | | | 250UA 20 | 36 .500 |
| | STC5806 | PS 631 | 37 | STC | 60 | 60 | 10.0 | 2.000 | 17.500 | C | 200J | | | | 250UA 30 | 36 .500 |
| | STC5807 | PS 631 | 37 | STC | 80 | 80 | 10.0 | 2.000 | 17.500 | C | 200J | | | | 250UA 40 | 36 .500 |
| - | STC7644 | NS 211 | 5 | STC | 150 | 150 | 10.0 | 3.000 | 8.750 | C | 200J | | | | 250UA 125 | 40 |
| - | STC7645 | NS 211 | 5 | STC | 180 | 180 | 10.0 | 3.000 | 8.750 | C | 200J | | | | 250UA 180 | 38 |
| | STS1121 | NS 605 | 3 | SEN | 200 | 200X | 7.0 | 10.000 | 117.000 | C | 200J | | .025 | F | 2MA 200 | 37 3.000 |
| | STS1122 | NS 605 | 3 | SEN | 200 | 200X | 7.0 | 15.000 | 115.000 | C | 200J | | .020 | F | 2MA 200 | 37 4.000 |
| | STS1131 | NS 605 | 3 | SEN | | 225 | 7.0 | 7.500 | 115.000 | C | 200J | | 4.000 | F | 1MA 225 | 33 3.000 |
| | STS1132 | NS 605 | 3 | SEN | | 275 | 7.0 | 7.500 | 115.000 | C | 200J | | 4.000 | F | 1MA 275 | 33 3.000 |
| | STS1133 | NS 605 | 3 | SEN | | 350 | 7.0 | 7.500 | 115.000 | C | 200J | | 4.000 | F | 1MA 350 | 33 3.000 |
| | STS1134 | NS 605 | 3 | SEN | | 400 | 7.0 | 7.500 | 115.000 | C | 200J | | 4.000 | F | 1MA 400 | 33 3.000 |
| | STT1800 | NS 211 | 5 | STC | 80 | 80 | 10.0 | 5.000 | 5.000 | C | 200J | | 1.000 | G | 100UA 80 | 70 1.500 |
| | STT1900 | NS 171 | 8 | STC | 80 | 80 | 10.0 | 5.000 | 14.000 | H | 200J | | 1.000 | G | 100UA 80 | 70 3.000 |
| | STT2000 | NS 731 | 53 | STC | 80 | 80 | 10.0 | 5.000 | 50.000 | H | 200J | | 1.000 | G | 100UA 80 | 70 3.000 |
| | STT2050 | NS 561 | 61 | STC | 80 | 80 | 10.0 | 5.000 | 50.000 | H | 200J | | 1.000 | G | 100UA 80 | 70 3.000 |
| | STT2200 | NS 561 | 59 | STC | 80 | 80 | 10.0 | 5.000 | 30.000 | H | 200J | | 1.000 | G | 100UA 80 | 70 1.500 |
| | STT2300 | NS 605 | 3 | STC | 80 | 80 | 10.0 | 5.000 | 50.000 | H | 200J | | 1.000 | G | 100UA 80 | 70 1.500 |
| | STT2400 | NS 211 | 5 | STC | 150 | 150 | 12.0 | 7.500 | 10.000 | H | 200J | | 25.000 | G | 1UA 60 | 52 2.000 |
| | STT2401 | NS 211 | 5 | STC | 140 | 120 | 12.0 | 7.500 | 10.000 | H | 200J | | 25.000 | G | 1UA 60 | 52 2.000 |
| | STT2402 | NS 211 | 5 | STC | 140 | 120 | 12.0 | 7.500 | 10.000 | H | 200J | | 25.000 | G | 1UA 60 | 88 2.000 |
| | STT2403 | NS 211 | 5 | STC | 120 | 100 | 12.0 | 7.500 | 10.000 | H | 200J | | 25.000 | G | 1UA 60 | 52 2.000 |
| | STT2404 | NS 211 | 5 | STC | 100 | 80 | 12.0 | 7.500 | 10.000 | H | 200J | | 25.000 | G | 1UA 60 | 52 2.000 |
| | STT2405 | NS 211 | 5 | STC | 75 | 60 | 10.0 | 7.500 | 10.000 | H | 200J | | 25.000 | G | 1UA 40 | 52 2.000 |
| | STT2406 | NS 211 | 5 | STC | 40 | 30 | 10.0 | 7.500 | 10.000 | H | 200J | | 25.000 | G | 500UA 20 | 45 2.000 |
| | STT2650 | NS 561 | 61 | STC | 150 | 150 | 12.0 | 7.500 | 75.000 | H | 200J | | 25.000 | G | 1UA 60 | 52 2.000 |
| | STT2651 | NS 561 | 61 | STC | 140 | 120 | 12.0 | 7.500 | 75.000 | H | 200J | | 25.000 | G | 1UA 60 | 52 2.000 |
| | STT2652 | NS 561 | 61 | STC | 140 | 120 | 12.0 | 7.500 | 75.000 | H | 200J | | 25.000 | G | 1UA 60 | 88 2.000 |
| | STT2653 | NS 561 | 61 | STC | 120 | 100 | 12.0 | 7.500 | 75.000 | H | 200J | | 25.000 | G | 1UA 60 | 52 2.000 |
| | STT2654 | NS 561 | 61 | STC | 100 | 80 | 12.0 | 7.500 | 75.000 | H | 200J | | 25.000 | G | 1UA 60 | 52 2.000 |
| | STT2655 | NS 561 | 61 | STC | 75 | 60 | 10.0 | 7.500 | 75.000 | H | 200J | | 25.000 | G | 1UA 40 | 52 2.000 |
| | STT2656 | NS 561 | 61 | STC | 40 | 30 | 10.0 | 7.500 | 75.000 | H | 200J | | 25.000 | G | 500UA 20 | 45 2.000 |
| | STT2800 | NS 561 | 59 | STC | 150 | 150 | 12.0 | 7.500 | 40.000 | H | 200J | | 25.000 | G | 1UA 60 | 52 2.000 |
| | STT2801 | NS 561 | 59 | STC | 140 | 120 | 12.0 | 7.500 | 40.000 | H | 200J | | 25.000 | G | 1UA 60 | 52 2.000 |
| | STT2802 | NS 561 | 59 | STC | 140 | 120 | 12.0 | 7.500 | 40.000 | H | 200J | | 25.000 | G | 1UA 60 | 88 2.000 |
| | STT2803 | NS 561 | 59 | STC | 120 | 100 | 12.0 | 7.500 | 40.000 | H | 200J | | 25.000 | G | 1UA 60 | 52 2.000 |
| | STT2804 | NS 561 | 59 | STC | 100 | 80 | 12.0 | 7.500 | 40.000 | H | 200J | | 25.000 | G | 1UA 60 | 52 2.000 |
| | STT2805 | NS 561 | 59 | STC | 75 | 60 | 10.0 | 7.500 | 40.000 | H | 200J | | 25.000 | G | 1UA 40 | 52 2.000 |
| | STT2806 | NS 561 | 59 | STC | 40 | 30 | 10.0 | 7.500 | 40.000 | H | 200J | | 25.000 | G | 500UA 20 | 45 2.000 |
| | STT3000 | NS 211 | 5 | STC | 80 | 80 | 10.0 | 5.000 | 5.000 | C | 200J | | 1.000 | G | 100UA 80 | 70 3.000 |
| | STT3100 | NS 171 | 8 | STC | 80 | 80 | 10.0 | 5.000 | 14.000 | H | 200J | | 1.000 | G | 100UA 80 | 70 3.000 |
| | STT3200 | NS 731 | 53 | STC | 80 | 80 | 10.0 | 5.000 | 50.000 | H | 200J | | 1.000 | G | 100UA 80 | 70 3.000 |
| | STT3250 | NS 561 | 61 | STC | 80 | 80 | 10.0 | 5.000 | 50.000 | H | 200J | | 1.000 | G | 100UA 80 | 70 3.000 |
| | STT3400 | NS 561 | 59 | STC | 80 | 80 | 10.0 | 5.000 | 30.000 | H | 200J | | 1.000 | G | 100UA 80 | 70 3.000 |
| | STT3500 | NS 605 | 3 | STC | 80 | 80 | 10.0 | 5.000 | 50.000 | H | 200J | | 1.000 | G | 100UA 80 | 70 3.000 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) Cond. | | | $I_{CBO}$ @ $V_{CB}$ | | $h_{FE}$ @ $I_C$(A) | |
| | STT4451 | NS 211 | 5 | STC | 80 | 80 | 8.0 | 5.000 | 4.000 | H | 200J | 20.000 | G | 1UA | 60 | 35 | 1.000 |
| | STT4452 | NS 211 | 5 | STC | 100 | 80 | 8.0 | 5.000 | 4.000 | H | 200J | 20.000 | G | 1UA | 60 | 35 | 1.000 |
| | STT4453 | NS 211 | 5 | STC | 80 | 80 | 8.0 | 5.000 | 4.000 | H | 200J | 20.000 | G | 1UA | 60 | 70 | 1.000 |
| | STT4454 | NS 211 | 5 | STC | 100 | 80 | 8.0 | 5.000 | 4.000 | H | 200J | 20.000 | G | 1UA | 60 | 35 | 1.000 |
| | STT4455 | NS 211 | 5 | STC | 80 | 80 | 8.0 | 5.000 | 4.000 | H | 200J | 20.000 | G | 1UA | 60 | 150 | 1.000 |
| | STT4456 | NS 211 | 5 | STC | 100 | 80 | 8.0 | 5.000 | 4.000 | H | 200J | 20.000 | G | 1UA | 60 | 35 | 1.000 |
| | STT6309 | NS 581 | 111 | STC | 80 | 60 | 8.0 | 5.000 | 30.000 | H | 200J | 30.000 | G | 1UA | 60 | 35 | 1.000 |
| | STT6310 | NS 581 | 111 | STC | 100 | 80 | 8.0 | 5.000 | 30.000 | H | 200J | 30.000 | G | 1UA | 60 | 35 | 1.000 |
| | STT6312 | NS 581 | 111 | STC | 80 | 60 | 8.0 | 5.000 | 30.000 | H | 200J | 30.000 | G | 1UA | 60 | 70 | 1.000 |
| | STT6313 | NS 581 | 111 | STC | 100 | 80 | 8.0 | 5.000 | 30.000 | H | 200J | 30.000 | G | 1UA | 60 | 70 | 1.000 |
| | STT6315 | NS 581 | 111 | STC | 80 | 60 | 8.0 | 5.000 | 30.000 | H | 200J | 30.000 | G | 1UA | 60 | 150 | 1.000 |
| | STT6316 | NS 581 | 111 | STC | 100 | 80 | 8.0 | 5.000 | 30.000 | H | 200J | 30.000 | G | 1UA | 60 | 150 | 1.000 |
| | STT6409 | NS 568 | 111 | STC | 80 | 60 | 8.0 | 5.000 | 30.000 | H | 200J | 30.000 | G | 1UA | 60 | 35 | 1.000 |
| | STT6410 | NS 568 | 111 | STC | 100 | 80 | 8.0 | 5.000 | 30.000 | H | 200J | 30.000 | G | 1UA | 60 | 35 | 1.000 |
| | STT6412 | NS 568 | 111 | STC | 80 | 60 | 8.0 | 5.000 | 30.000 | H | 200J | 30.000 | G | 1UA | 60 | 70 | 1.000 |
| | STT6413 | NS 568 | 111 | STC | 100 | 80 | 8.0 | 5.000 | 30.000 | H | 200J | 30.000 | G | 1UA | 60 | 70 | 1.000 |
| | STT6415 | NS 568 | 111 | STC | 80 | 60 | 8.0 | 5.000 | 30.000 | H | 200J | 30.000 | G | 1UA | 60 | 150 | 1.000 |
| | STT6416 | NS 568 | 111 | STC | 100 | 80 | 8.0 | 5.000 | 30.000 | H | 200J | 30.000 | G | 1UA | 60 | 150 | 1.000 |
| | STT9001 | NS 211 | 5 | STC | 50 | 30 | 5.0 | 5.000 | 4.000 | H | 200J | 10.000 | G | 1UA | 25 | 30 | 1.000 |
| | STT9002 | NS 211 | 5 | STC | 70 | 50 | 5.0 | 5.000 | 4.000 | H | 200J | 10.000 | G | 1UA | 25 | 30 | 1.000 |
| | STT9003 | NS 211 | 5 | STC | 90 | 70 | 5.0 | 5.000 | 4.000 | H | 200J | 10.000 | G | 1UA | 25 | 30 | 1.000 |
| | STT9004 | NS 211 | 5 | STC | 50 | 30 | 5.0 | 5.000 | 4.000 | H | 200J | 10.000 | G | 1UA | 25 | 52 | 1.000 |
| | STT9005 | NS 211 | 5 | STC | 70 | 50 | 5.0 | 5.000 | 4.000 | H | 200J | 10.000 | G | 1UA | 25 | 52 | 1.000 |
| | STT9006 | NS 211 | 5 | STC | 90 | 70 | 5.0 | 5.000 | 4.000 | H | 200J | 10.000 | G | 1UA | 25 | 52 | 1.000 |
| | STT9007 | NS 211 | 5 | STC | 50 | 30 | 5.0 | 5.000 | 4.000 | H | 200J | 10.000 | G | 1UA | 25 | 88 | 1.000 |
| | STT9008 | NS 211 | 5 | STC | 70 | 50 | 5.0 | 5.000 | 4.000 | H | 200J | 10.000 | G | 1UA | 25 | 88 | 1.000 |
| | STT9009 | NS 211 | 5 | STC | 90 | 70 | 5.0 | 5.000 | 4.000 | H | 200J | 10.000 | G | 1UA | 25 | 88 | 1.000 |
| | STT9010 | NS 211 | 5 | STC | 50 | 30 | 5.0 | 5.000 | 4.000 | H | 200J | 10.000 | G | 1UA | 25 | 150 | 1.000 |
| | STT9011 | NS 211 | 5 | STC | 70 | 50 | 5.0 | 5.000 | 4.000 | H | 200J | 10.000 | G | 1UA | 25 | 150 | 1.000 |
| | STT9012 | NS 211 | 5 | STC | 90 | 70 | 5.0 | 5.000 | 4.000 | H | 200J | 10.000 | G | 1UA | 25 | 150 | 1.000 |
| | SYL792 | PG 210 | 5 | ETC | 20 | | 10.0 | | .150 | A | 100A | 4.800 | B | 6UA | 5 | 75 | |
| - | SYL4443 | NS 211 | 5 | SYL | 70 | 45 | 5.0 | 2.000 | 5.000 | C | 200J | 400.000 | G | 200NA | 60 | 40 | |
| | T0003 | | | SEE 2N207 | | | | | | | | | | | | | |
| | T0004 | | | SEE 2N207A | | | | | | | | | | | | | |
| | T0005 | | | SEE 2N207B | | | | | | | | | | | | | |
| | T0014 | | | SEE 2N536 | | | | | | | | | | | | | |
| | T0015 | | | SEE 2N535A | | | | | | | | | | | | | |
| | T0033 | | | SEE 2N535 | | | | | | | | | | | | | |
| | T1013 | | | SEE 2N223 | | | | | | | | | | | | | |
| | T1028 | | | SEE 2N128 | | | | | | | | | | | | | |
| | T1032 | | | SEE 2N346 | | | | | | | | | | | | | |
| | T1038 | | | SEE 2N240 | | | | | | | | | | | | | |
| | T1042 | | | SEE 2N226 | | | | | | | | | | | | | |
| | T1046 | | | SEE 2N224 | | | | | | | | | | | | | |
| | T1166 | | | SEE 2N393 | | | | | | | | | | | | | |
| | T1224 | | | SEE 2N344 | | | | | | | | | | | | | |
| | T1225 | | | SEE 2N345 | | | | | | | | | | | | | |
| | T1250 | | | SEE 2N588 | | | | | | | | | | | | | |
| | T1251 | | | SEE 2N499 | | | | | | | | | | | | | |
| | T1275 | | | SEE 2N495 | | | | | | | | | | | | | |
| | T1276 | | | SEE 2N496 | | | | | | | | | | | | | |
| | T1289 | | | SEE 2N300 | | | | | | | | | | | | | |
| | T1291 | | | SEE 2N299 | | | | | | | | | | | | | |
| | T1312 | | | SEE 2N501 | | | | | | | | | | | | | |
| | T1314 | | | SEE 2N504 | | | | | | | | | | | | | |
| | T1322 | | | SEE 2N503 | | | | | | | | | | | | | |
| | T1326 | | | SEE 2N598 | | | | | | | | | | | | | |
| | T1327 | | | SEE 2N1122 | | | | | | | | | | | | | |
| | T1328 | | | SEE 2N1122A | | | | | | | | | | | | | |
| | T1334 | | | SEE 2N597 | | | | | | | | | | | | | |
| | T1342 | | | SEE 2N502 | | | | | | | | | | | | | |
| | T1346 | | | SEE 2N599 | | | | | | | | | | | | | |
| | T1347 | | | SEE 2N670 | | | | | | | | | | | | | |
| | T1392 | | | SEE 2N1126 | | | | | | | | | | | | | |
| | T1393 | | | SEE 2N671 | | | | | | | | | | | | | |
| | T1395 | | | SEE 2N600 | | | | | | | | | | | | | |
| | T1396 | | | SEE 2N1124 | | | | | | | | | | | | | |
| | T1397 | | | SEE 2N1125 | | | | | | | | | | | | | |
| | T1398 | | | SEE 2N1127 | | | | | | | | | | | | | |
| | T1431 | | | SEE 2N672 | | | | | | | | | | | | | |
| | T1472 | | | SEE 2N1495 | | | | | | | | | | | | | |
| | T1473 | | | SEE 2N1496 | | | | | | | | | | | | | |
| | T1474 | | | SEE 2N1500 | | | | | | | | | | | | | |
| | T1475 | | | SEE 2N673 | | | | | | | | | | | | | |
| | T1510 | | | SEE 2N501A | | | | | | | | | | | | | |
| | T1512 | | | SEE 2N601 | | | | | | | | | | | | | |
| | T1537 | | | SEE 2N1123 | | | | | | | | | | | | | |
| | T1546 | | | SEE 2N1129 | | | | | | | | | | | | | |
| | T1573 | | | SEE 2N1130 | | | | | | | | | | | | | |
| | T1574 | | | SEE 2N1128 | | | | | | | | | | | | | |
| | T1808 | | | SEE 2N1494 | | | | | | | | | | | | | |
| | T1930 | | | SEE 2N768 | | | | | | | | | | | | | |
| | TA2658 | | | SEE 2N3866 | | | | | | | | | | | | | |
| | TA2714 | | | SEE 2N4012 | | | | | | | | | | | | | |
| | TA2761 | | | SEE 40608 | | | | | | | | | | | | | |
| | TA2791 | | | SEE 2N5102 | | | | | | | | | | | | | |
| | TF78/30 | PG 170 | 8 | SIH | 32 | 24 | 10.0 | .600 | 3.000 | C | 90J | .700 | F | 30UA | 32 | 68 | .050 |
| | TF78/60 | PG 170 | 8 | SIH | 64 | 45 | 16.0 | .600 | 3.000 | C | 90J | .700 | F | 30UA | 64 | 68 | .050 |
| | TI-156 | PG 211 G | | TII | 30 | 30 | 15.0 | 3.000 | 25.000 | C | 100J | .220 | G | 650UA | 30 | 60 | |
| | TI-156L | PG 211 F | | TII | 30 | 30 | 15.0 | 3.000 | 25.000 | C | 100J | .220 | G | 650UA | 30 | 60 | |
| - | TI-158 | PG 211 G | | TII | 60 | 40 | 30.0 | 3.000 | 25.000 | C | 100J | .220 | G | 650UA | 60 | 60 | |
| - | TI-158A | PG 211 G | | TII | 80 | 60 | 30.0 | 3.000 | 25.000 | C | 100J | .220 | G | 650UA | 80 | 60 | |
| - | TI-158AL | PG 211 F | | TII | 80 | 60 | 30.0 | 3.000 | 25.000 | C | 100J | .220 | G | 650UA | 80 | 60 | |
| - | TI-158L | PG 211 F | | TII | 60 | 40 | 30.0 | 3.000 | 25.000 | C | 100J | .220 | G | 650UA | 60 | 60 | |
| | TI-159 | PG 211 H | | TII | 40 | 30 | 20.0 | 3.000 | 20.000 | C | 100C | 225.000 | G | 125UA | 20 | 50 | |
| | TI-160 | PG 211 H | | TII | 80 | 50 | 20.0 | 3.000 | 20.000 | C | 100C | 225.000 | G | 125UA | 40 | 50 | |
| | TI-161 | PG 211 H | | TII | 80 | 50 | 20.0 | 3.000 | 20.000 | C | 100C | 225.000 | G | 125UA | 40 | 50 | |
| | TI-162 | PG 211 H | | TII | 100 | 60 | 20.0 | 3.000 | 20.000 | C | 100C | 225.000 | G | 125UA | 50 | 50 | |
| | TI-363 | PG 120 | 58 | TII | 30 | | | .050 | .150 | A | 85J | AM IF | | 100UA | 30 | 70 | |
| | TI-364 | PG 120 | 58 | TII | 30 | | | .050 | .150 | A | | AM IF | | 335UA | 12 | 40 | |
| | TI-365 | PG 120 | 58 | TII | 30 | | | .050 | .150 | A | | 70.000 | G | 335UA | 12 | 140 | |
| - | TI-388 | PG 120 | 58 | TII | 30 | | | .050 | .150 | A | | 80.000 | G | 335UA | 12 | 70 | |
| - | TI-389 | PG 120 | 58 | TII | 30 | | | .050 | .150 | A | | 80.000 | G | 335UA | 12 | 40 | |
| | TI-390 | PG 217 | 72 | TII | 18 | | | .050 | .075 | A | | 990.000 | B | 5UA | 10 | 80 | |
| | TI-391 | PG 217 | 72 | TII | 18 | | | .050 | .075 | A | | 990.000 | B | 5UA | 10 | 40 | |
| - | TI-392 | PG 217 | 72 | TII | 18 | | | .050 | .075 | A | | 990.000 | B | 5UA | 10 | 40 | |
| - | TI-393 | PG 217 | 72 | TII | 18 | | | .050 | .075 | A | | 990.000 | B | 5UA | 10 | 50 | |
| | TI-395 | PG 120 | 58 | TII | 30 | | | .050 | .150 | A | | 100.000 | G | 335UA | 12 | 120 | |
| - | TI-396 | PG 120 | 58 | TII | 45 | | | .050 | .150 | A | | 60.000 | G | 335UA | 12 | 120 | |
| | TI-397 | PG 120 | 58 | TII | 35 | | | .050 | .150 | A | | 45.000 | G | 335UA | 12 | 70 | |
| | TI-398 | PG 120 | 58 | TII | 35 | | | .050 | .150 | A | | 45.000 | G | 335UA | 12 | 60 | |
| | TI-399 | PG 120 | 58 | TII | 35 | | | .050 | .150 | A | | AM IF | | 31A | 12 | 40 | |
| | TI-400 | PG 250 A | | TII | 18 | | .3 | .050 | .075 | A | 100J | 400.000 | G | 5UA | 10 | 80 | |
| | TI-401 | PG 250 A | | TII | 18 | | .3 | .050 | .075 | A | 100J | 300.000 | G | 5UA | 10 | 40 | |
| | TI-402 | PG 250 A | | TII | 18 | | .3 | .050 | .075 | A | 100J | 300.000 | G | 5UA | 10 | 40 | |
| | TI-403 | PG 250 A | | TII | 18 | | .3 | .050 | .075 | A | 100J | 300.000 | G | 5UA | 10 | 70 | |
| - | TI-407 | NS 43 | 92 | TII | 25 | 12 | 3.0 | .030 | .200 | A | 125A | 450.000 | G | 500NA | 10 | 20 | |
| - | TI-408 | NS 43 | 92 | TII | 25 | 12 | 3.0 | .030 | .200 | A | 125A | 300.000 | G | 500NA | 10 | 16 | |
| - | TI-409 | NS 43 | 92 | TII | 25 | 12 | 3.0 | .030 | .200 | A | 125A | 300.000 | G | 500NA | 10 | 16 | |
| - | TI-411 | NS 43 | 92 | TII | 50 | 30 | 5.0 | .800 | .300 | A | 125A | 100.000 | G | 500NA | 20 | 420 | |
| | TI-412 | | | SEE 2N3704 | | | | | | | | | | | | | |
| | TI-413 | | | SEE 2N3705 | | | | | | | | | | | | | |
| | TI-414 | | | SEE 2N3706 | | | | | | | | | | | | | |
| | TI-415 | | | SEE 2N3707 | | | | | | | | | | | | | |
| | TI-416 | | | SEE 2N3708 | | | | | | | | | | | | | |
| | TI-417 | | | SEE 2N3710 | | | | | | | | | | | | | |
| | TI-418 | | | SEE 2N3711 | | | | | | | | | | | | | |
| - | TI-419 | NS 43 | 92 | TII | 30 | 30 | 6.0 | .030 | .250 | A | 125A | AM IF | | 500NA | 20 | 370 | |
| | TI-420 | | | SEE 2N2387 | | | | | | | | | | | | | |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff | | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | | $I_{CBO}$ @ $V_{CB}$ | | | $h_{FE}$ @ $I_C$(A) | |
| | TI-421 | | | SEE 2N2388 | | | | | | | | | | | | | | |
| | TI-422 | | | SEE 2N851 | | | | | | | | | | | | | | |
| | TI-423 | | | SEE 2N852 | | | | | | | | | | | | | | |
| | TI-424 | | | SEE 2N2389 | | | | | | | | | | | | | | |
| | TI-425 | | | SEE 2N2390 | | | | | | | | | | | | | | |
| | TI-428 | | | SEE 2N2393 | | | | | | | | | | | | | | |
| | TI-429 | | | SEE 2N2394 | | | | | | | | | | | | | | |
| | TI-430 | | | SEE 2N849 | | | | | | | | | | | | | | |
| | TI-431 | | | SEE 2N850 | | | | | | | | | | | | | | |
| | TI-432 | | | SEE 2N2395 | | | | | | | | | | | | | | |
| | TI-433 | | | SEE 2N2396 | | | | | | | | | | | | | | |
| | TI-474 | | | SEE 2N929 | | | | | | | | | | | | | | |
| | TI-475 | | | SEE 2N930 | | | | | | | | | | | | | | |
| | TI-480 | NS 210 | 11 | TII | 50 | 40 | 1.0 | .060 | .600 | A | 125J | 1.000 | B | 2UA | 30 | 22 | .005 | |
| | TI-481 | NS 210 | 11 | TII | 80 | 70 | 1.0 | .060 | .600 | A | 125J | 1.000 | B | 2UA | 30 | 22 | .005 | |
| | TI-482 | NS 211 | 5 | TII | 20 | 20 | 5.0 | .500 | .600 | A | 150J | 30.000 | B | 2UA | 10 | 40 | .150 | |
| | TI-483 | NS 211 | 5 | TII | 40 | 20 | 5.0 | .500 | .600 | A | 150J | 40.000 | G | 2UA | 30 | 40 | .150 | |
| | TI-484 | NS 211 | 5 | TII | 40 | 20 | 5.0 | .500 | .600 | A | 150J | 40.000 | G | 2UA | 30 | 80 | .150 | |
| | TI-485 | NS 211 | 18 | TII | 20 | 14 | 3.0 | 1.000 | .300 | A | 150J | 100.000 | G | 1UA | 15 | 36 | .010 | |
| | TI-486 | NS 211 | 5 | TII | 80 | 60 | 6.0 | .750 | .800 | A | 175J | 10.000 | G | 3UA | 60 | 40 | .200 | |
| | TI-487 | NS 541 D | | TII | 80 | 60 | 6.0 | .750 | 15.000 | C | 175J | 10.000 | G | 3UA | 60 | 40 | .200 | |
| | TI-490 | SEE 2N780 | | | | | | | | | | | | | | | | |
| | TI-492 | NS 210 | 5 | TII | 40 | 20 | 1.0 | .025 | .125 | A | 125J | 4.000 | B | 2UA | 30 | 36 | | |
| | TI-493 | NS 210 | 5 | TII | 40 | 20 | 1.0 | .020 | .125 | A | 125J | 10.000 | B | 2UA | 20 | 30 | | |
| | TI-494 | NS 210 | 5 | TII | 40 | 20 | 1.0 | .020 | .125 | A | 125J | 10.000 | B | 2UA | 20 | 80 | | |
| | TI-495 | NS 210 | 5 | TII | 40 | 20 | 1.0 | .020 | .125 | A | 125J | 10.000 | B | 2UA | 20 | 180 | | |
| | TI-496 | NS 210 | 11 | TII | 70 | | | .060 | .600 | A | 125J | | | 2UA | 50 | 20 | | |
| - | TI-539 | PG 561 G | | TII | 80 | 60 | 28.0 | 3.500 | 25.000 | C | 100C | .250 | G | 1MA | 80 | 50 | | |
| - | TI-540 | PG 561 G | | TII | 80 | 60 | 28.0 | 3.500 | 25.000 | C | 100C | .250 | G | 1MA | 80 | 80 | | |
| | TI-890 | SEE 2N2861 | | | | | | | | | | | | | | | | |
| | TI-891 | SEE 2N2862 | | | | | | | | | | | | | | | | |
| | TI-1121 | NS 731 | 53 | TII | 200 | 100 | 8.0 | 7.500 | 80.000 | C | 175J | 7.500 | G | 100UA | 30 | 74 | | |
| | TI-1122 | NS 731 | 53 | TII | 200 | 100 | 8.0 | 7.500 | 80.000 | C | 175J | 7.500 | G | 100UA | 30 | 38 | | |
| | TI-1123 | NS 731 | 53 | TII | 150 | 75 | 8.0 | 7.500 | 80.000 | C | 175J | 7.500 | G | 100UA | 30 | 74 | | |
| | TI-1124 | NS 731 | 53 | TII | 150 | 75 | 8.0 | 7.500 | 80.000 | C | 175J | 7.500 | G | 100UA | 30 | 38 | | |
| | TI-1125 | NS 731 | 53 | TII | 100 | 50 | 8.0 | 7.500 | 80.000 | C | 175J | 7.500 | G | 100UA | 30 | 74 | | |
| | TI-1126 | NS 731 | 53 | TII | 100 | 50 | 8.0 | 7.500 | 80.000 | C | 175J | 7.500 | G | 100UA | 30 | 38 | | |
| | TI-1131 | NS 561 | 61 | TII | 200 | 100 | 8.0 | 7.500 | 80.000 | C | 175J | 7.500 | G | 100UA | 30 | 74 | | |
| | TI-1132 | NS 561 | 61 | TII | 200 | 100 | 8.0 | 7.500 | 80.000 | C | 175J | 7.500 | G | 100UA | 30 | 38 | | |
| | TI-1133 | NS 561 | 61 | TII | 150 | 75 | 8.0 | 7.500 | 80.000 | C | 175J | 7.500 | G | 100UA | 30 | 74 | | |
| | TI-1134 | NS 561 | 61 | TII | 150 | 75 | 8.0 | 7.500 | 80.000 | C | 175J | 7.500 | G | 100UA | 30 | 38 | | |
| | TI-1135 | NS 561 | 61 | TII | 100 | 50 | 8.0 | 7.500 | 80.000 | C | 175J | 7.500 | G | 100UA | 30 | 74 | | |
| | TI-1136 | NS 561 | 61 | TII | 100 | 50 | 8.0 | 7.500 | 80.000 | C | 175J | 7.500 | G | 100UA | 30 | 38 | | |
| | TI-1141 | NS 731 | 53 | TII | 200 | 100 | 8.0 | 7.500 | 80.000 | C | 175J | 7.500 | G | 100UA | 30 | 50 | | |
| | TI-1142 | NS 731 | 53 | TII | 200 | 100 | 8.0 | 7.500 | 80.000 | C | 175J | 7.500 | G | 100UA | 30 | 26 | | |
| | TI-1143 | NS 731 | 53 | TII | 150 | 75 | 8.0 | 7.500 | 80.000 | C | 175J | 7.500 | G | 100UA | 30 | 50 | | |
| | TI-1144 | NS 731 | 53 | TII | 150 | 75 | 8.0 | 7.500 | 80.000 | C | 175J | 7.500 | G | 100UA | 30 | 26 | | |
| | TI-1145 | NS 731 | 53 | TII | 100 | 50 | 8.0 | 7.500 | 80.000 | C | 175J | 7.500 | G | 100UA | 30 | 50 | | |
| | TI-1146 | NS 731 | 53 | TII | 100 | 50 | 8.0 | 7.500 | 80.000 | C | 175J | 7.500 | G | 100UA | 30 | 26 | | |
| | TI-1151 | NS 561 | 61 | TII | 200 | 100 | 8.0 | 7.500 | 80.000 | C | 175J | 7.500 | G | 100UA | 30 | 50 | | |
| | TI-1152 | NS 561 | 61 | TII | 200 | 100 | 8.0 | 7.500 | 80.000 | C | 175J | 7.500 | G | 100UA | 30 | 26 | | |
| | TI-1153 | NS 561 | 61 | TII | 150 | 75 | 8.0 | 7.500 | 80.000 | C | 175J | 7.500 | G | 100UA | 30 | 50 | | |
| | TI-1154 | NS 561 | 61 | TII | 150 | 75 | 8.0 | 7.500 | 80.000 | C | 175J | 7.500 | G | 100UA | 30 | 26 | | |
| | TI-1155 | NS 561 | 61 | TII | 100 | 50 | 8.0 | 7.500 | 80.000 | C | 175J | 7.500 | G | 100UA | 30 | 50 | | |
| | TI-1156 | NS 561 | 61 | TII | 100 | 50 | 8.0 | 7.500 | 80.000 | C | 175J | 7.500 | G | 100UA | 30 | 26 | | |
| | TI-3015 | SEE 2N3570 | | | | | | | | | | | | | | | | |
| | TI-3027 | PG 605 | 3 | TII,TIL | 45 | 40R | 20.0 | 7.000 | 150.000 | C | 100J | .200 | G | 1MA | 30 | 102 | 3.000 | |
| | TI-3028 | PG 605 | 3 | TII,TIL | 60 | 50R | 20.0 | 7.000 | 150.000 | C | 100J | .200 | G | 1MA | 40 | 102 | 3.000 | |
| | TI-3029 | PG 605 | 3 | TII,TIL | 80 | 55R | 20.0 | 7.000 | 150.000 | C | 100J | .200 | G | 1MA | 50 | 102 | 3.000 | |
| | TI-3030 | PG 605 | 3 | TII,TIL | 100 | 66R | 20.0 | 7.000 | 150.000 | C | 100J | .200 | G | 1MA | 60 | 102 | 3.000 | |
| | TI-3031 | PG 605 | 3 | TII,TIL | 120 | 65R | 20.0 | 7.000 | 150.000 | C | 100J | .200 | G | 1MA | 70 | 102 | 3.000 | |
| - | TIA01 | PG 211 | 39 | TII | 50 | 35R | 40.0 | .150 | .150 | A | 100A | 4.000 | B | 5UA | 25 | | | |
| - | TIA02 | PG 211 | 39 | TII | 40 | 25R | 30.0 | .150 | .150 | A | 100A | 4.000 | B | 5UA | 20 | | | |
| - | TIA03 | PG 211 | 39 | TII | 25 | 20R | 25.0 | .150 | .150 | A | 100A | 4.000 | B | 5UA | 20 | | | |
| - | TIA04 | PG 211 | 39 | TII | 25 | 20R | 25.0 | .150 | .150 | A | 100A | 4.000 | B | 5UA | 20 | | | |
| - | TIA05 | PG 211 | 39 | TII | 20 | 15R | 20.0 | .150 | .150 | A | 100A | 4.000 | B | 7UA | 20 | | | |
| - | TIG05 | PG 605 | 3 | TII | 50 | 35 | 30.0 | 50.000 | 150.000 | C | 100C | .200 | G | 20MA | 45 | 100 | 5.000 | |
| - | TIG06 | PG 605 | 3 | TII | 75 | 45 | 30.0 | 50.000 | 150.000 | C | 100C | .200 | G | 20MA | 70 | 100 | 5.000 | |
| - | TIG07 | PG 605 | 3 | TII | 100 | 55 | 30.0 | 50.000 | 150.000 | C | 100C | .200 | G | 20MA | 95 | 100 | 5.000 | |
| - | TIG08 | PG 607 | 41 | TII | 50 | 35 | 30.0 | 50.000 | 150.000 | C | 100C | .200 | G | 20MA | 45 | 100 | 5.000 | |
| - | TIG09 | PG 607 | 41 | TII | 75 | 45 | 30.0 | 50.000 | 150.000 | C | 100C | .200 | G | 20MA | 70 | 100 | 5.000 | |
| - | TIG10 | PG 607 | 41 | TII | 100 | 55 | 30.0 | 50.000 | 150.000 | C | 100C | .200 | G | 20MA | 95 | 100 | 5.000 | |
| - | TIP04 | NS 605 | 3 | TII | 400 | 300 | 5.0 | 2.500 | 65.000 | C | 150J | 3.000 | G | 2MA | 200 | 46 | 1.000 | |
| - | TIP14 | NS 760 A | | TII | 80 | 60 | 5.0 | 1.000 | 10.000 | C | 150J | 10.000 | G | 50UA | 75 | 70 | .200 | |
| - | TIP24 | NS 760 A | | TII | 70 | 70R | 9.0 | 2.000 | 10.000 | C | 150J | 10.000 | G | 250UA | 70 | 54 | 1.500 | |
| - | TIP27 | NS 760 A | | TII | 300 | 300 | 6.0 | .500 | 10.000 | C | 150C | 2.000 | G | | | 63 | .200 | |
| | TIP29 | NS 54 B | | TII,TIL | 40 | 40 | 5.0 | 1.000 | 30.000 | C | 150J | 3.000 | G | 200UA | 40 | 90 | .200 | |
| | TIP29A | NS 54 B | | TII,TIL | 60 | 60 | 5.0 | 1.000 | 30.000 | C | 150J | 3.000 | G | 200UA | 60 | 90 | .200 | |
| | TIP29B | NS 54 B | | TIL | 80 | 80 | 5.0 | 1.000 | 30.000 | C | | 3.000 | G | | | 90 | .200 | |
| | TIP29C | NS 54 B | | TIL | 100 | 100 | 5.0 | 1.000 | 30.000 | C | | 3.000 | G | | | 90 | .200 | |
| | TIP30 | PS 54 B | | TII,TIL | 40 | 40 | 5.0 | 1.000 | 30.000 | C | 150J | 3.000 | G | 200UA | 40 | 90 | .200 | |
| | TIP30A | PS 54 B | | TII,TIL | 60 | 60 | 5.0 | 1.000 | 30.000 | C | 150J | 3.000 | G | 200UA | 60 | 90 | .200 | |
| | TIP30B | PS 54 B | | TIL | 80 | 80 | 5.0 | 1.000 | 30.000 | C | | 3.000 | G | | | 90 | .200 | |
| | TIP30C | PS 54 B | | TIL | 100 | 100 | 5.0 | 1.000 | 30.000 | C | | 3.000 | G | | | 90 | .200 | |
| | TIP31 | NS 54 B | | TII,TIL | 40 | 40 | 5.0 | 3.000 | 40.000 | C | 150J | 3.000 | G | 300UA | 40 | 45 | 1.000 | |
| | TIP31A | NS 54 B | | TII,TIL | 60 | 60 | 5.0 | 3.000 | 40.000 | C | 150J | 3.000 | G | 300UA | 60 | 45 | 1.000 | |
| | TIP31B | NS 54 B | | TIL | 80 | 80 | 5.0 | 3.000 | 40.000 | C | | 3.000 | G | | | 45 | 1.000 | |
| | TIP31C | NS 54 B | | TIL | 100 | 100 | 5.0 | 3.000 | 40.000 | C | | 3.000 | G | | | 45 | 1.000 | |
| | TIP32 | PS 54 B | | TII,TIL | 40 | 40 | 5.0 | 3.000 | 40.000 | C | 150J | 3.000 | G | 300UA | 40 | 45 | 1.000 | |
| | TIP32A | PS 54 B | | TII,TIL | 60 | 60 | 5.0 | 3.000 | 40.000 | C | 150J | 3.000 | G | 300UA | 60 | 45 | 1.000 | |
| | TIP32B | PS 54 B | | TIL | 80 | 80 | 5.0 | 3.000 | 40.000 | C | | 3.000 | G | | | 45 | 1.000 | |
| | TIP32C | PS 54 B | | TIL | 100 | 100 | 5.0 | 3.000 | 40.000 | C | | 3.000 | G | | | 45 | 1.000 | |
| | TIP33 | NS 54 C | | TII,TIL | 40 | 40 | 5.0 | 10.000 | 80.000 | C | 150J | 3.000 | G | 400UA | 40 | 56 | 1.000 | |
| | TIP33A | NS 54 C | | TII,TIL | 60 | 60 | 5.0 | 10.000 | 80.000 | C | 150J | 3.000 | G | 400UA | 60 | 56 | 1.000 | |
| | TIP33B | NS 54 C | | TIL | 80 | 80 | 5.0 | 10.000 | 80.000 | C | | 3.000 | G | | | 56 | 1.000 | |
| | TIP33C | NS 54 C | | TIL | 100 | 100 | 5.0 | 10.000 | 80.000 | C | | 3.000 | G | | | 56 | 1.000 | |
| | TIP34 | PS 54 C | | TII,TIL | 40 | 40 | 5.0 | 10.000 | 80.000 | C | 150J | 3.000 | G | 400UA | 40 | 56 | 1.000 | |
| | TIP34A | PS 54 C | | TII,TIL | 60 | 60 | 5.0 | 10.000 | 80.000 | C | 150J | 3.000 | G | 400UA | 60 | 56 | 1.000 | |
| | TIP34B | PS 54 C | | TIL | 80 | 80 | 5.0 | 10.000 | 80.000 | C | | 3.000 | G | | | 56 | 1.000 | |
| | TIP34C | PS 54 C | | TIL | 100 | 100 | 5.0 | 10.000 | 80.000 | C | | 3.000 | G | | | 56 | 1.000 | |
| | TIP35 | NS 54 C | | TII,TIL | 40 | 40 | 5.0 | 25.000 | 90.000 | C | 150J | 3.000 | G | 700UA | 40 | 45 | 5.000 | |
| | TIP35A | NS 54 C | | TII,TIL | 60 | 60 | 5.0 | 25.000 | 90.000 | C | 150J | 3.000 | G | 700UA | 60 | 45 | 5.000 | |
| | TIP35B | NS 54 C | | TIL | 80 | 80 | 5.0 | 25.000 | 90.000 | C | | 3.000 | G | | | 45 | 5.000 | |
| | TIP35C | NS 54 C | | TIL | 100 | 100 | 5.0 | 25.000 | 90.000 | C | | 3.000 | G | | | 45 | 5.000 | |
| | TIP36 | PS 54 C | | TII,TIL | 40 | 40 | 5.0 | 25.000 | 90.000 | C | 150J | 3.000 | G | 700UA | 40 | 45 | 5.000 | |
| | TIP36A | PS 54 C | | TII,TIL | 60 | 60 | 5.0 | 25.000 | 90.000 | C | 150J | 3.000 | G | 700UA | 60 | 45 | 5.000 | |
| | TIP36B | PS 54 C | | TIL | 80 | 80 | 5.0 | 25.000 | 90.000 | C | | 3.000 | G | | | 45 | 5.000 | |
| | TIP36C | PS 54 C | | TIL | 100 | 100 | 5.0 | 25.000 | 90.000 | C | | 3.000 | G | | | 45 | 5.000 | |
| | TIS03 | SEE 2N3702 | | | | | | | | | | | | | | | | |
| | TIS04 | SEE 2N3703 | | | | | | | | | | | | | | | | |
| | TIS18 | NS 43 | 92 | TIL | 25 | 13 | 3.0 | .030 | .200 | A | 125A | 600.000 | G | 500NA | 12 | 40 | .010 | |
| | TIS22 | NS 930 A | | TIL | 45 | 45 | 6.0 | .050 | .150 | A | 125A | 30.000 | G | 10NA | 45 | 70 | | |
| | TIS23 | NS 930 A | | TIL | 45 | 45 | 6.0 | .050 | .150 | A | 125A | 30.000 | G | 10NA | 45 | 180 | | |
| | TIS24 | NS 930 A | | TIL | 60 | 60 | 6.0 | .050 | .150 | A | 125A | 60.000 | G | 10NA | 45 | 220 | | |
| | TIS37 | PS 43 | 92 | TII,TIL | 35 | 32 | 6.0 | .050 | .200 | A | 125A | 80.000 | G | 100NA | 10 | 90 | .001 | |
| | TIS38 | PS 43 | 92 | TII,TIL | 35 | 32 | 4.0 | .050 | .200 | A | 125A | 50.000 | G | 100NA | 10 | 50 | .001 | |
| | TIS39 | SEE TIXS39 | | | | | | | | | | | | | | | | |
| | TIS44 | NS 43 | 92 | TIL | 25 | 20R | 3.0 | .050 | .250 | A | 125A | 200.000 | G | 500NA | 15 | 40 | .010 | |
| | TIS45 | NS 43 | 92 | TIL | 40 | 15 | 5.0 | .200 | .250 | A | 125A | 300.000 | G | 50NA | 20 | 60 | .010 | |
| | TIS46 | NS 43 | 92 | TIL | 40 | 15 | 5.0 | .200 | .250 | A | 125A | 300.000 | G | 50NA | 20 | 60 | .010 | |
| | TIS47 | NS 43 | 92 | TIL | 40 | 15 | 4.5 | .200 | .250 | A | 125A | 400.000 | G | 400NA | 20 | 36 | .010 | |
| | TIS48 | NS 43 | 92 | TIL | 40 | 15 | 4.5 | .200 | .250 | A | 125A | 500.000 | G | 400NA | 20 | 70 | .010 | |
| | TIS49 | NS 43 | 92 | TIL | 40 | 15 | 4.5 | .200 | .250 | A | 125A | 500.000 | G | 3UA | 20 | 60 | .030 | |
| | TIS50 | PS 43 | 92 | TIL | 12 | 12 | 4.0 | .200 | .250 | A | 125A | 400.000 | G | 1UA | 6 | 80 | .030 | |
| | TIS51 | NS 43 | 92 | TIL | 30 | 12 | 5.0 | .200 | .250 | A | 125A | 400.000 | G | 400NA | 20 | 60 | .010 | |
| | TIS52 | NS 43 | 92 | TIL | 40 | 20 | 5.0 | .200 | .250 | A | 125A | 350.000 | G | 500NA | 20 | 60 | .030 | |
| | TIS53 | PS 43 | 92 | TIL | 6 | 6 | 4.0 | .080 | .250 | A | 125J | 500.000 | G | 10NA | 3 | 60 | .010 | |
| | TIS54 | PS 43 | 92 | TIL | 12 | 12 | 4.0 | .080 | .250 | A | 125J | 300.000 | G | 10NA | 6 | 60 | .010 | |
| | TIS55 | NS 43 | 92 | TIL | 40 | 15 | 5.0 | .200 | .250 | A | 125J | 350.000 | G | 500NA | 20 | 60 | .030 | |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Condition | Cutoff $I_{CBO}$ @ $V_{CB}$ | | Gain $h_{FE}$ @ $I_C$(A) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. / Temp. (°C) Cond. | | | | | | |
| | TIS56 | NS 217 | 72 | TII,TIL | 30 | 20 | 3.0 | .030 | .200 A | 175A | 500.000 | G | 50NA | 10 | 40 | .004 |
| | TIS57 | NS 217 | 72 | TII,TIL | 30 | 20 | 3.0 | .030 | .200 A | 175A | 500.000 | G | 50NA | 10 | 40 | .004 |
| | TIS60 | NS 43 | 92 | TIL | 40 | 25 | 5.0 | .400 | .300 A | | | | | | 175 | .050 |
| | TIS60M | NS 43 | 92 | TIL | 40 | 25 | 5.0 | .400 | .300 A | | | | | | 175 | .050 |
| | TIS61 | PS 43 | 92 | TIL | 40 | 25 | 5.0 | .400 | .300 A | | | | | | 175 | .050 |
| | TIS61M | PS 43 | 92 | TIL | 40 | 25 | 5.0 | .400 | .300 A | | | | | | 175 | .050 |
| | TIS62 | NS 168 A | | TII | 30 | 12 | 3.0 | .030 | .200 A | 125J | 500.000 | G | 100NA | 10 | 60 | .004 |
| | TIS63 | NS 168 A | | TII | 30 | 12 | 3.0 | .030 | .200 A | 125J | 500.000 | G | 100NA | 10 | 40 | .004 |
| | TIS64 | NS 168 A | | TII | 30 | 12 | 3.0 | .030 | .200 A | 125J | 500.000 | G | 100NA | 10 | 40 | .004 |
| - | TIS71 | NS 907 A | | TII | 25 | 15 | 1.0 | .050 | .500 A | 175J | 2400.000 | G | 1UA | 15 | 30 | .015 |
| - | TIS72 | NS 907 A | | TII | 25 | 15 | 1.0 | .050 | .500 A | 175J | 2400.000 | G | 1UA | 15 | 30 | .015 |
| - | TIS82 | NS 211 | 5 | TII | 60 | 40 | 5.0 | 1.200 | 1.000 A | 125J | 250.000 | G | 500NA | 40 | 50 | 1.000 |
| - | TIS83 | NS 43 | 92 | TII | 40 | 25 | 4.0 | .050 | .250 A | 150J | 350.000 | G | 100NA | 15 | 60 | .005 |
| | TIS84 | NS 168 A | | TII | 40 | 30 | 4.0 | .050 | .250 A | 150S | 350.000 | G | 50NA | 10 | 45 | .004 |
| - | TIS85 | NS 168 A | | TII | 40 | 30 | 4.0 | .050 | .250 A | 150J | 350.000 | G | 50NA | 10 | 50 | .004 |
| - | TIS86 | NS 168 A | | TII | 30 | 30 | 4.0 | .050 | .400 A | 150J | 500.000 | G | 100NA | 15 | 90 | .004 |
| | TIS87 | NS 168 A | | TII | 45 | 45 | 4.0 | .050 | .400 A | 150J | 500.000 | G | 100NA | 15 | 68 | .012 |
| | TIS90 | NS 43 | 92 | TIL | 40 | 40 | 5.0 | .900 | .625 A | | | | | | 175 | .050 |
| | TIS90M | | | M.P. TIS90 | | | | | | | | | | | | |
| | TIS91 | PS 43 | 92 | TIL | 40 | 40 | 5.0 | .900 | .625 A | | | | | | 175 | .050 |
| | TIS91M | | | M.P. TIS91 | | | | | | | | | | | | |
| | TIS92-BLU | NS 168 A | | TII | 40 | 40 | 5.0 | .400 | .625 A | 150S | .500 | G | 100NA | 20 | 165 | .050 |
| | TIS92-GRN | NS 168 A | | TII | 40 | 40 | 5.0 | .400 | .625 A | 150S | .500 | G | 100NA | 20 | 133 | .050 |
| | TIS92-GRY | NS 168 A | | TII | 40 | 40 | 5.0 | .400 | .625 A | 150S | .500 | G | 100NA | 20 | 257 | .050 |
| | TIS92-VIO | NS 168 A | | TII | 40 | 40 | 5.0 | .400 | .625 A | 150S | .500 | G | 100NA | 20 | 200 | .050 |
| | TIS92-YEL | NS 168 A | | TII | 40 | 40 | 5.0 | .400 | .625 A | 150S | .500 | G | 100NA | 20 | 112 | .050 |
| | TIS93-BLU | PS 168 A | | TII | 40 | 40 | 5.0 | .400 | .625 A | 150S | .500 | G | 100NA | 20 | 165 | .050 |
| | TIS93-GRN | PS 168 A | | TII | 40 | 40 | 5.0 | .400 | .625 A | 150S | .500 | G | 100NA | 20 | 133 | .050 |
| | TIS93-GRY | PS 168 A | | TII | 40 | 40 | 5.0 | .400 | .625 A | 150S | .500 | G | 100NA | 20 | 257 | .050 |
| | TIS93-VIO | PS 168 A | | TII | 40 | 40 | 5.0 | .400 | .625 A | 150S | .500 | G | 100NA | 20 | 200 | .050 |
| | TIS93-YEL | PS 168 A | | TII | 40 | 40 | 5.0 | .400 | .625 A | 150S | .500 | G | 100NA | 20 | 112 | .050 |
| - | TIS94 | NS 43 | 92 | TII | 60 | 40 | 6.0 | .200 | .360 A | 150J | 200.000 | G | 10UA | 60 | 340 | .001 |
| - | TIS95 | NS 43 | 92 | TII | 80 | 60 | 6.0 | .200 | .360 A | 150J | 200.000 | G | 10UA | 80 | 200 | .001 |
| - | TIS96 | NS 43 | 92 | TII | 80 | 65 | 6.0 | .200 | .360 A | 150J | 200.000 | G | 10UA | 80 | 110 | .100 |
| | TIS97 | NS 168 A | | TII | 60 | 40 | 6.0 | .200 | .360 A | 150J | 200.000 | G | 10UA | 60 | 340 | .001 |
| | TIS98 | NS 168 A | | TII | 80 | 60 | 6.0 | .200 | .360 A | 150J | 200.000 | G | 10UA | 80 | 200 | .001 |
| | TIS99 | NS 168 A | | TII | 80 | 65 | 6.0 | .200 | .360 A | 150J | 200.000 | G | 10UA | 80 | 110 | .100 |
| | TIS100 | NS 168 A | | TII | 180 | 180 | 5.0 | .100 | .625 A | 150S | 60.000 | G | 50NA | 75 | 55 | .025 |
| | TIS101 | NS 168 A | | TII | 150 | 150 | 5.0 | .100 | .625 A | 150S | 60.000 | G | 50NA | 75 | 60 | .025 |
| | TIS108 | NS 168 A | | TII | 40 | 30 | 4.0 | .050 | .250 A | 150S | 350.000 | G | 50NA | 10 | 37 | .004 |
| | TIX210 | | | SEE 2N3551 | | | | | | | | | | | | |
| | TIX211 | | | SEE 2N3552 | | | | | | | | | | | | |
| - | TIX316 | PG 217 | 72 | TII | 15 | 10 | .3 | .050 | .075 A | 100J | 400.000 | G | 5UA | 10 | 70 | |
| | TIX317 | | | SEE 2N3601 | | | | | | | | | | | | |
| | TIX318 | | | SEE 2N3603 | | | | | | | | | | | | |
| | TIX888 | | | SEE 2N3554 | | | | | | | | | | | | |
| - | TIX3016 | NS 909 | 50 | TII | 30 | 15 | 3.0 | .050 | .200 A | 200C | 990.000 | G | 10NA | 6 | 110 | |
| - | TIX3016A | NS 907 A | | TII | 30 | 15 | 3.0 | .050 | .200 A | 200C | 1000.000 | G | 10NA | 6 | 80 | .005 |
| - | TIX3024 | PG 907 A | | TII | 15 | 7 | .3 | .050 | .075 A | 100A | 990.000 | G | 6UA | 10 | 130 | |
| - | TIX3032 | PG 217 | 72 | TII | 25 | 15 | .2 | .100 | .075 A | 100C | 500.000 | G | 10UA | 15 | 120 | |
| | TIX3033 | | | SEE 2N3418 | | | | | | | | | | | | |
| | TIX3034 | | | SEE 2N3419 | | | | | | | | | | | | |
| | TIX3035 | | | SEE 2N3420 | | | | | | | | | | | | |
| | TIX3036 | | | SEE 2N3421 | | | | | | | | | | | | |
| - | TIXM01 | PG 170 H | | TII | 20 | 10 | .2 | .030 | .075 A | 100A | 355.000 | G | 10UA | 10 | 40 | .001 |
| - | TIXM02 | PG 170 H | | TII | 20 | 10 | .2 | .030 | .075 A | 100A | 282.000 | G | 10UA | 10 | 40 | .001 |
| - | TIXM03 | PG 170 H | | TII | 20 | 10 | .2 | .030 | .075 A | 100A | 316.000 | G | 10UA | 10 | 20 | .001 |
| - | TIXM04 | PG 170 H | | TII | 20 | 10 | .2 | .030 | .075 A | 100A | 224.000 | G | 10UA | 10 | 40 | .001 |
| - | TIXM05 | PG 170 H | | TII | 20 | 10 | .2 | .030 | .075 A | 100A | 450.000 | G | 10UA | 10 | 40 | .002 |
| - | TIXM06 | PG 170 H | | TII | 20 | 10 | .2 | .030 | .075 A | 100A | 380.000 | G | 10UA | 10 | 40 | .002 |
| - | TIXM07 | PG 170 H | | TII | 20 | 10 | .2 | .030 | .075 A | 100A | 315.000 | G | 10UA | 10 | 20 | .002 |
| - | TIXM08 | PG 170 H | | TII | 20 | 10 | .2 | .030 | .075 A | 100A | 330.000 | G | 10UA | 10 | 40 | .002 |
| - | TIXM10 | PG 170 H | | TII | 18 | 12 | .2 | .050 | .075 A | 100A | 630.000 | G | 10UA | 10 | 42 | .003 |
| - | TIXM11 | PG 170 H | | TII | 18 | 12 | .2 | .050 | .075 A | 100A | 500.000 | G | 10UA | 10 | 64 | .003 |
| - | TIXM13 | PG 168 A | | TII | 15 | 7 | .3 | .030 | .030 A | 125J | 1000.000 | G | | | | |
| - | TIXM14 | PG 43 | 92 | TII | 20 | 16 | .3 | .050 | .070 A | 125J | 120.000 | G | 5UA | 6 | 80 | .002 |
| - | TIXM15 | PG 43 | 92 | TII | 20 | 16 | .3 | .050 | .070 A | 125J | 300.000 | G | 5UA | 6 | 40 | .002 |
| - | TIXM16 | PG 43 | 92 | TII | 20 | 16 | .3 | .050 | .070 A | 125J | 110.000 | G | 5UA | 6 | 40 | .002 |
| - | TIXM17 | PG 43 | 92 | TII | 20 | 16 | .3 | .050 | .070 A | 125J | 300.000 | G | 5UA | 6 | 70 | .002 |
| - | TIXM18 | PG 168 A | | TII | 18 | 12 | .2 | .050 | .070 A | 125J | 900.000 | G | 5UA | 10 | 90 | .003 |
| - | TIXM19 | PG 168 A | | TII | 18 | 12 | .2 | .050 | .070 A | 125J | 900.000 | G | 5UA | 10 | 100 | .003 |
| | TIXM101 | PG 217 | 72 | TII | 15 | 7 | .3 | .050 | .075 A | 100A | 1500.000 | G | 6UA | 10 | 80 | .002 |
| - | TIXM103 | PG 917 A | | TII | 12 | 10 | .3 | .020 | .040 A | 100A | 1800.000 | G | 6UA | 9 | 100 | .002 |
| - | TIXM104 | PG 917 A | | TII | 12 | 10 | .3 | .020 | .040 A | 100A | 1400.000 | G | 6UA | 9 | 100 | .002 |
| - | TIXM105 | PG 917 A | | TII | 12 | 10 | .3 | .020 | .040 A | 100J | 2200.000 | G | 6UA | 9 | 72 | .002 |
| - | TIXM106 | PG 916 B | | TII | 12 | 10 | .3 | .020 | .040 A | 100J | 2200.000 | G | 6UA | 9 | 72 | .002 |
| - | TIXM107 | PG 916 B | | TII | 15 | 7 | .3 | .030 | .030 A | 125J | 1500.000 | G | 6UA | 10 | 53 | .003 |
| - | TIXM108 | PG 916 B | | TII | 15 | 7 | .3 | .030 | .030 A | 125J | 1500.000 | G | 6UA | 10 | 53 | .003 |
| - | TIXM201 | PG 80 A | | TII | 30 | 15 | .5 | .050 | .075 A | 100A | 200.000 | G | 5UA | 6 | 36 | .002 |
| - | TIXM202 | PG 80 A | | TII | 30 | 15 | .5 | .050 | .075 A | 100A | 220.000 | G | 5UA | 6 | 36 | |
| - | TIXM203 | PG 80 A | | TII | 30 | 15 | .5 | .050 | .075 A | 100A | 150.000 | G | 5UA | 6 | 20 | .002 |
| - | TIXM204 | PG 80 A | | TII | 30 | 15 | .5 | .050 | .075 A | 100A | 200.000 | G | 5UA | 6 | 20 | |
| - | TIXM205 | PG 80 A | | TII | 30 | 15 | .5 | .050 | .075 A | 100A | 11.400 | G | 5UA | 6 | 20 | |
| - | TIXM206 | PG 80 A | | TII | 30 | 15 | .5 | .050 | .075 A | 100A | 9.000 | G | 5UA | 6 | 20 | |
| - | TIXM207 | PG 80 A | | TII | 30 | 15 | .5 | .050 | .075 A | 100A | 99.000 | G | 5UA | 6 | 20 | .002 |
| - | TIXP07 | PS 731 | 53 | TII | 100 | 80 | 8.0 | 7.500 | 50.000 C | 175C | 10.000 | G | 5UA | 50 | 44 | 2.000 |
| - | TIXS09 | NS 907 A | | TII | 30 | 15 | 3.0 | .050 | .200 A | 200C | | | 10NA | 6 | 70 | .005 |
| - | TIXS10 | NS 907 A | | TII | 25 | 13 | 3.0 | .050 | .200 A | 200C | | | 10NA | 6 | 100 | .005 |
| - | TIXS12 | NS 950 A | | TII | 30 | 15 | 2.0 | .200 | 1.000 A | 200C | 1400.000 | G | 500NA | 15 | 80 | .050 |
| - | TIXS13 | NS 950 A | | TII | 30 | 15 | 2.0 | .200 | 1.000 A | 200C | 1200.000 | G | 500NA | 15 | 80 | .050 |
| - | TIXS28 | NS 43 | 92 | TII | 40 | 40 | 4.0 | .030 | .200 A | 125A | 630.000 | G | 100NA | 20 | 60 | .004 |
| - | TIXS29 | NS 43 | 92 | TII | 40 | 40 | 4.0 | .030 | .200 A | 125A | 500.000 | G | 100NA | 20 | 60 | .004 |
| - | TIXS30 | NS 43 | 92 | TII | 40 | 40 | 4.0 | .030 | .200 A | 125A | 500.000 | G | 100NA | 20 | 60 | .004 |
| - | TIXS31 | NS 43 | 92 | TII | 40 | 40 | 4.0 | .030 | .200 A | 125A | 500.000 | G | 100NA | 20 | 60 | .004 |
| - | TIXS39 | NS 211 | 5 | TII | 30 | 20 | 2.0 | .200 | .720 A | 175C | 600.000 | G | 500NA | 15 | 80 | .050 |
| | TN53 | NS 210 | 5 | SPR | 75 | 45 | 5.0 | .800 | .800 A | 200J | 100.000 | G | 10NA | 60 | 100 | .150 |
| | TN54 | NS 210 | 18 | SPR | 75 | 45 | 5.0 | .800 | .500 A | 200J | 100.000 | G | 10NA | 60 | 100 | .150 |
| | TN55 | | | SEE 2N4383 | | | | | | | | | | | | |
| | TN56 | | | SEE 2N4384 | | | | | | | | | | | | |
| | TN57 | | | SEE 2N4385 | | | | | | | | | | | | |
| | TN58 | | | SEE 2N4386 | | | | | | | | | | | | |
| | TN59 | NS 210 | 5 | SPR | 40 | 30 | 5.0 | .800 | .800 A | 200J | 100.000 | G | 20NA | 30 | 200 | .150 |
| | TN60 | NS 210 | 18 | SPR | 40 | 30 | 5.0 | .800 | .500 A | 200J | 100.000 | G | 20NA | 30 | 200 | .150 |
| | TN61 | NS 210 | 5 | SPR | 40 | 30 | 5.0 | .800 | .800 A | 200J | 100.000 | G | 20NA | 30 | 100 | .150 |
| | TN62 | NS 210 | 18 | SPR | 40 | 30 | 5.0 | .800 | .500 A | 200J | 100.000 | G | 20NA | 30 | 100 | .150 |
| | TN63 | NS 210 | 5 | SPR | 20 | 20 | 5.0 | .800 | .800 A | 200J | 100.000 | G | 100NA | 20 | 50 | .150 |
| | TN64 | NS 210 | 18 | SPR | 20 | 20 | 5.0 | .800 | .500 A | 200J | 100.000 | G | 100NA | 20 | 50 | .150 |
| | TN79 | NS 210 | 5 | SPR | 30 | 20 | 5.0 | | .800 A | 200J | 50.000 | G | 1NA | 5 | 200 | .010 |
| | TN80 | NS 210 | 18 | SPR | 30 | 20 | 5.0 | | .500 A | 200J | 50.000 | G | 1NA | 5 | 200 | .010 |
| | TN81 | NS 210 | 5 | SPR | 30 | 20 | 5.0 | | .800 A | | 200.000 | G | 100NA | 30 | 50 | .150 |
| - | TN237 | NS 210 | 5 | SPR | 35 | 30 | 5.0 | .800 | .800 A | 200C | 100.000 | G | 1UA | 30 | 100 | .150 |
| | TN624 | NS 211 B | | SSP | 100 | 60 | 5.0 | 3.000 | .850 A | 200J | 40.000 | G | 100NA | 60 | 90 | |
| | TN624-1 | NS 211 | 5 | SSP | 100 | 60 | 5.0 | 3.000 | .850 A | 200J | 40.000 | G | 100NA | 60 | 90 | |
| | TN624-2 | NS 581 B | | SSP | 100 | 60 | 5.0 | 3.000 | 5.000 H | 200J | 40.000 | G | 100NA | 60 | 90 | |
| | TN624-3 | NS 546 A | | SSP | 100 | 60 | 5.0 | 3.000 | 5.000 H | 200J | 40.000 | G | 100NA | 60 | 90 | |
| | TP3638 | PS 168 B | | SPR | | 25 | | | .360 A | | 100.000 | G | | | 45 | .050 |
| | TP3638A | PS 168 B | | SPR | | 25 | | | .360 A | | 150.000 | G | | | 150 | .050 |
| | TP4274 | NS 168 B | | SPR | | 12 | | | .280 A | | 400.000 | G | | | 75 | .010 |
| | TP4275 | NS 168 B | | SPR | | 15 | | | .280 A | | 400.000 | G | | | 75 | .010 |
| - | TQ53 | PS 210 | 5 | SPR | 75 | 45 | 5.0 | .600 | .600 A | 200J | 100.000 | G | 10NA | 60 | 100 | .150 |
| - | TQ53A | PS 210 | 5 | SPR | 80 | 75 | 5.0 | .600 | .600 A | 200J | 100.000 | G | 10NA | 60 | 100 | .150 |
| - | TQ54 | PS 210 | 18 | SPR | 75 | 45 | 5.0 | .600 | .400 A | 200J | 100.000 | G | 10NA | 60 | 100 | .150 |
| - | TQ54A | PS 210 | 18 | SPR | 80 | 75 | 5.0 | .600 | .400 A | 200J | 100.000 | G | 10NA | 60 | 100 | .150 |
| | TQ55 | | | SEE 2N4412 | | | | | | | | | | | | |
| | TQ56 | | | SEE 2N4413 | | | | | | | | | | | | |
| | TQ57 | | | SEE 2N4414 | | | | | | | | | | | | |
| | TQ58 | | | SEE 2N4415 | | | | | | | | | | | | |
| | TQ59 | PS 210 | 5 | SPR | 40 | 30 | 5.0 | .600 | .600 A | 200J | 100.000 | G | 20NA | 30 | 200 | .150 |
| - | TQ59A | PS 210 | 5 | SPR | 60 | 60 | 5.0 | .600 | .600 A | 200J | 100.000 | G | 10NA | 60 | 200 | .150 |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | | Frequency Response (MHz) | Condition | Cutoff | | | Gain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) Cond. | | | $I_{CBO}$ @ | $V_{CB}$ | | $h_{FE}$ @ | Ic(A) |
| | TQ60 | PS 210 | 18 | SPR | 40 | 30 | 5.0 | .600 | .400 | A | 200J | 100.000 | G | 20NA | 30 | | 200 | .150 |
| - | TQ60A | PS 210 | 18 | SPR | 60 | 60 | 5.0 | .600 | .400 | A | 200J | 100.000 | G | 10NA | 60 | | 200 | .150 |
| | TQ61 | PS 210 | 5 | SPR | 40 | 30 | 5.0 | .600 | .600 | A | 200J | 100.000 | G | 20NA | 30 | | 100 | .150 |
| - | TQ61A | PS 210 | 5 | SPR | 60 | 60 | 5.0 | .600 | .600 | A | 200J | 100.000 | G | 20NA | 30 | | 100 | .150 |
| | TQ62 | PS 210 | 18 | SPR | 40 | 30 | 5.0 | .600 | .400 | A | 200J | 100.000 | G | 20NA | 30 | | 100 | .150 |
| - | TQ62A | PS 210 | 18 | SPR | 60 | 60 | 5.0 | .600 | .400 | A | 200J | 100.000 | G | 20NA | 30 | | 100 | .150 |
| | TQ63 | PS 210 | 5 | SPR | 20 | 20 | 5.0 | .600 | .600 | A | 200J | 100.000 | G | 100NA | 20 | | 50 | .150 |
| - | TQ63A | PS 210 | 5 | SPR | 30 | 30 | 5.0 | .600 | .600 | A | 200J | 100.000 | G | 100NA | 20 | | 50 | .150 |
| | TQ64 | PS 210 | 18 | SPR | 20 | 20 | 5.0 | .600 | .400 | A | 200J | 100.000 | G | 100NA | 20 | | 50 | .150 |
| - | TQ64A | PS 210 | 18 | SPR | 30 | 30 | 5.0 | .600 | .400 | A | 200J | 100.000 | G | 100NA | 20 | | 50 | .150 |
| | TR-01 | PG 605 | 3 | INR | 70 | 50 | | 7.000 | 85.000 | A | 110J | .600 | G | | | | 70 | |
| | TR-02 | PG 605 | 3 | INR | 30 | 20 | | 7.000 | 85.000 | A | 110J | .600 | G | | | | 100 | |
| | TR-03 | PG 405 | 36 | INR | 50 | 40 | | 15.000 | 150.000 | A | 110J | .600 | G | | | | 75 | |
| | TR-05 | PG 210 | 5 | INR | 40 | 25 | | .200 | .200 | A | 100J | 4.000 | G | | | | 120 | |
| | TR-06 | PG 210 | 5 | INR | 30 | 20 | | .200 | .200 | A | 100J | 4.000 | G | | | | 40 | |
| | TR-08 | NG 210 | 5 | INR | 47 | 26 | | .300 | .150 | A | 85J | 25.000 | G | | | | 70 | |
| | TR-09 | NG 210 | 5 | INR | 47 | 26 | | .300 | .150 | A | 85J | 25.000 | G | | | | 70 | |
| | TR-10 | NG 210 | 5 | INR | 47 | 26 | | .300 | .150 | A | 85J | 25.000 | G | | | | 70 | |
| | TR-11 | PG 120 | 1 | INR | 35 | 18 | | .005 | .060 | A | 75J | 7.000 | B | | | | 65 | |
| | TR-12 | PG 120 | 1 | INR | 35 | 18 | | .010 | .055 | A | 85J | 40.000 | B | | | | 80 | |
| | TR-14 | PG 120 | 1 | INR | 60 | 30 | | .150 | .150 | A | 75J | 1.000 | B | | | | 140 | |
| | TR-16 | PG 605 | 3 | INR | 50 | 32 | | 3.000 | 70.000 | C | 110J | .300 | B | | | | 80 | |
| | TR-17 | PG 217 | 72 | INR | 25 | 20 | | .050 | .100 | A | 100J | 300.000 | G | | | | 60 | |
| | TR-19 | PS 210 | 5 | INR | 25 | 25 | | .600 | .600 | A | 200J | 400.000 | G | | | | 60 | |
| | TR-20 | PS 210 | 18 | INR | 25 | 25 | | .600 | .400 | A | 200J | 400.000 | G | | | | 60 | |
| | TR-21 | NS 210 | 18 | INR | 25 | 15 | | .800 | .500 | A | 175J | 400.000 | G | | | | 60 | |
| | TR-22 | NS 210 | 18 | INR | 25 | 20 | | .800 | .500 | A | 175J | 400.000 | G | | | | 60 | |
| | TR-23 | NS 605 | 66 | INR | 375 | 350 | | 3.000 | 20.000 | C | 175J | 20.000 | G | | | | 40 | |
| | TR-24 | NS 41 | 92 | INR | 40 | 25 | | .100 | .310 | A | 135J | 250.000 | G | | | | 75 | |
| | TR-25 | NS 210 | 5 | INR | 65 | 50 | | .500 | 5.000 | C | 200J | 100.000 | G | | | | 50 | |
| | TR-26 | NS 605 | 3 | INR | 70 | 50 | | 10.000 | 90.000 | C | 200J | 7.000 | G | | | | 40 | |
| | TR-27 | PG 605 | 3 | INR | 350 | 320 | | 10.000 | 56.000 | C | 110J | 1.000 | G | | | | 40 | |
| | TR-28 | PS 210 | 5 | INR | 65 | 50 | | .500 | 5.000 | C | 200J | 100.000 | G | | | | 50 | |
| | TR-29 | PS 605 | 3 | INR | 70 | 50 | | 10.000 | 90.000 | C | 200J | 7.000 | G | | | | 40 | |
| | TR-30 | PS 41 | 92 | INR | 40 | 25 | | .100 | .310 | A | 135J | 250.000 | G | | | | 75 | |
| - | TRS301 | NS 210 | 5 | ITC | 300 | 300 | 6.0 | | .600 | A | 175J | 50.000 | G | 2UA | 200 | | 60 | |
| - | TRS350 | NS 210 | 5 | ITC | 350 | 350S | 6.0 | | .600 | A | 175J | 50.000 | G | 2UA | 250 | | 60 | |
| - | TRS401 | NS 210 | 5 | ITC | 400 | 400S | 6.0 | | .600 | A | 175J | 50.000 | G | 2UA | 300 | | 60 | |
| - | TRS450 | NS 210 | 5 | ITC | 450 | 450S | 6.0 | | .600 | A | 175J | 50.000 | G | 2UA | 350 | | 60 | |
| - | TRS501 | NS 210 | 5 | ITC | 500 | 500S | 6.0 | | .600 | A | 175J | 50.000 | G | 2UA | 350 | | 60 | |
| - | TRS550 | NS 210 | 5 | ITC | 550 | 550S | 6.0 | | .600 | A | 175J | 50.000 | G | 10UA | 450 | | 60 | |
| - | TRS601 | NS 210 | 5 | ITC | 600 | 600S | 6.0 | | .600 | A | 175J | 50.000 | G | 10UA | 500 | | 60 | |
| - | TRS701 | NS 210 | 5 | ITC | 700 | 700S | 6.0 | | .600 | A | 175J | 40.000 | G | 10UA | 550 | | 50 | |
| - | TRS750 | NS 210 | 5 | ITC | 750 | 750S | 6.0 | | .600 | A | 175J | 40.000 | G | 10UA | 575 | | 50 | |
| - | TRS801 | NS 210 | 5 | ITC | 800 | 800S | | | .600 | A | 175J | 40.000 | G | 10UA | 600 | | 50 | |
| - | TRS3011 | NS 210 | 46 | ITC | 300 | 300S | 6.0 | | .300 | A | 175J | 50.000 | G | 2UA | 200 | | 60 | |
| - | TRS3012 | NS 210 | 18 | ITC | 300 | 300S | 6.0 | | .300 | A | 175J | 50.000 | G | 2UA | 200 | | 60 | |
| - | TRS3014 | NS 210 | 5 | ITC | 300 | 300S | 6.0 | | 1.000 | A | 175J | 50.000 | G | 2UA | 200 | | 60 | |
| - | TRS3015 | NS 635 B | | ITC | 300 | 300S | 6.0 | | 15.000 | C | 175J | 50.000 | G | 2UA | 200 | | 60 | |
| - | TRS3501 | NS 210 | 46 | ITC | 350 | 350S | 6.0 | | .300 | A | 175J | 50.000 | G | 2UA | 250 | | 60 | |
| - | TRS3502 | NS 210 | 18 | ITC | 350 | 350S | 6.0 | | .300 | A | 175J | 50.000 | G | 2UA | 250 | | 60 | |
| - | TRS3504 | NS 210 | 5 | ITC | 350 | 350S | 6.0 | | 1.000 | A | 175J | 50.000 | G | 2UA | 250 | | 60 | |
| - | TRS3505 | NS 635 B | | ITC | 350 | 350S | 6.0 | | 15.000 | C | 175J | 50.000 | G | 2UA | 250 | | 60 | |
| - | TRS4001 | NS 210 | 46 | ITC | 400 | 400S | 6.0 | | .300 | A | 175J | 50.000 | G | 2UA | 300 | | 60 | |
| - | TRS4002 | NS 210 | 18 | ITC | 400 | 400S | 6.0 | | .300 | A | 175J | 50.000 | G | 2UA | 300 | | 60 | |
| - | TRS4004 | NS 210 | 5 | ITC | 400 | 400S | 6.0 | | 1.000 | A | 175J | 50.000 | G | 2UA | 300 | | 60 | |
| - | TRS4005 | NS 635 B | | ITC | 400 | 400R | 6.0 | | 15.000 | C | 175J | 50.000 | G | 2UA | 300 | | 60 | |
| - | TRS4501 | NS 210 | 46 | ITC | 450 | 450S | 6.0 | | .300 | A | 175J | 50.000 | G | 2UA | 350 | | 60 | |
| - | TRS4502 | NS 210 | 18 | ITC | 450 | 450S | 6.0 | | .300 | A | 175J | 50.000 | G | 2UA | 350 | | 60 | |
| - | TRS4504 | NS 210 | 5 | ITC | 450 | 450S | 6.0 | | 1.000 | A | 175J | 50.000 | G | 2UA | 350 | | 60 | |
| - | TRS4505 | NS 635 B | | ITC | 450 | 450S | 6.0 | | 15.000 | C | 175J | 50.000 | G | 2UA | 350 | | 60 | |
| - | TRS5011 | NS 210 | 46 | ITC | 500 | 500S | 6.0 | | .300 | A | 175J | 50.000 | G | 2UA | 350 | | 60 | |
| - | TRS5012 | NS 210 | 18 | ITC | 500 | 500S | 6.0 | | .300 | A | 175J | 50.000 | G | 2UA | 350 | | 60 | |
| - | TRS5014 | NS 210 | 5 | ITC | 500 | 500S | 6.0 | | 1.000 | A | 175J | 50.000 | G | 2UA | 350 | | 60 | |
| - | TRS5501 | NS 210 | 46 | ITC | 550 | 550R | 6.0 | | .300 | A | 175J | 50.000 | G | 10UA | 450 | | 60 | |
| - | TRS5502 | NS 210 | 18 | ITC | 550 | 550S | 6.0 | | .300 | A | 175J | 50.000 | G | 11UA | 450 | | 60 | |
| - | TRS5504 | NS 210 | 5 | ITC | 550 | 550S | 6.0 | | 1.000 | A | 175J | 50.000 | G | 10UA | 450 | | 60 | |
| - | TRS6011 | NS 210 | 46 | ITC | 600 | 600S | 6.0 | | .300 | A | 175J | 50.000 | G | 10UA | 500 | | 60 | |
| - | TRS6012 | NS 210 | 18 | ITC | 600 | 600S | 6.0 | | .300 | A | 175J | 50.000 | G | 11UA | 500 | | 60 | |
| - | TRS6014 | NS 210 | 5 | ITC | 600 | 600S | 6.0 | | 1.000 | A | 175J | 50.000 | G | 10UA | 500 | | 60 | |
| - | TRS7014 | NS 210 | 5 | ITC | 700 | 700S | 6.0 | | 1.000 | A | 175J | 40.000 | G | 10UA | 550 | | 50 | |
| - | TRS7015 | NS 635 B | | ITC | 700 | 700S | 6.0 | | 15.000 | C | 175J | 40.000 | G | 10UA | 550 | | 50 | |
| - | TRS7504 | NS 210 | 5 | ITC | 750 | 750S | 6.0 | | 1.000 | A | 175J | 40.000 | G | 10UA | 575 | | 50 | |
| - | TRS7505 | NS 635 B | | ITC | 750 | 750R | 6.0 | | 15.000 | C | 175J | 40.000 | G | 10UA | 575 | | 50 | |
| - | TRS8014 | NS 210 | 5 | ITC | 800 | 800S | 6.0 | | 1.000 | A | 175J | 40.000 | G | 10UA | 600 | | 50 | |
| - | TRS8015 | NS 635 B | | ITC | 800 | 800S | 6.0 | | 15.000 | C | 175J | 40.000 | G | 10UA | 600 | | 50 | |
| - | TS173 | PG 605 | 3 | TSE | 30 | | | 2.000 | 16.000 | C | 85J | .006 | E | 1MA | 25 | | 50 | |
| - | TS601 | PG 212 | 5 | TSE | 12 | 9S | 5.0 | .400 | .200 | A | 102J | AUD | | 20UA | 9 | | 30 | |
| - | TS602 | PG 212 | 5 | TSE | 12 | 9S | 5.0 | .400 | .200 | A | 100J | AUD | | 20UA | 9 | | 90 | |
| - | TS603 | PG 212 | 5 | TSE | 20 | 18S | 5.0 | .400 | .200 | A | 100J | AUD | | 20UA | 9 | | 30 | |
| - | TS604 | PG 212 | 5 | TSE | 20 | 18 | 5.0 | .400 | .200 | A | 100J | AUD | | 20UA | 9 | | 90 | |
| - | TS612 | PG 605 | 3 | TSE | 40 | 20 | | 2.000 | 16.000 | A | 85J | .007 | E | 300UA | 25 | | 30 | |
| - | TS613 | PG 605 | 3 | TSE | 80 | 40 | | 2.000 | 16.000 | A | 85J | .007 | E | 300UA | 25 | | 30 | |
| - | TS615 | PG 10 | F | TSE | 45 | | | .050 | .170 | A | 85J | 1.000 | B | 15UA | 45 | | 25 | |
| - | TS616 | PG 170 | E | TSE | 25 | | | .200 | .300 | A | 85J | AUD | - | 20UA | 20 | | 30 | |
| - | TS617 | PG 170 | E | TSE | 25 | | | .200 | .300 | A | 85J | AUD | - | 20UA | 20 | | 50 | |
| - | TS618 | PG 170 | E | TSE | 25 | | | .200 | .300 | A | 85J | AUD | - | 20UA | 20 | | 70 | |
| - | TS619 | PG 10 | F | TSE | 25 | | | .050 | .170 | A | 85J | 1.000 | B | 20UA | 20 | | 55 | |
| - | TS620 | PG 10 | F | TSE | 25 | | | .050 | .170 | A | 85J | 1.000 | B | 15UA | 25 | | 55 | |
| - | TS621 | PG 10 | F | TSE | 25 | | | .050 | .170 | A | 85J | 1.000 | B | 15UA | 25 | | 100 | |
| - | TS630 | PT 10 | F | TSE | 45 | | | .050 | .170 | A | 85J | 1.000 | B | 15UA | 45 | | 50 | |
| | TV1000 | PG 250 | A | SEM | 15 | 15 | 2.0 | .100 | .100 | A | | 1000.000 | G | | | | 100 | |
| | TW135 | PS 210 | 18 | SPR | 30 | | 15.0 | .100 | .400 | A | 200J | 10.000 | G | 1NA | 30 | | 50 | |
| | TZ81 | NS 45 | 98 | SPR | | 30 | | | .360 | A | | 30.000 | G | | | | 225 | .001 |
| | TZ82 | NS 45 | 98 | SPR | | 30 | | | .360 | A | | 30.000 | G | | | | 165 | .001 |
| | TZ551 | PS 45 | 98 | SPR | | 30 | | | .360 | A | | 150.000 | G | | | | 70 | .150 |
| | TZ552 | PS 45 | 98 | SPR | | 30 | | | .360 | A | | 150.000 | G | | | | 175 | .150 |
| | TZ553 | PS 45 | 98 | SPR | | 30 | | | .360 | A | | 150.000 | G | | | | 300 | .150 |
| | TZ554 | PS 45 | 98 | SPR | | 30 | | | .360 | A | | 150.000 | G | | | | 140 | .150 |
| | TZ581 | PS 45 | 98 | SPR | | 30 | | | .360 | A | | 20.000 | G | | | | 225 | .001 |
| | TZ582 | PS 45 | 98 | SPR | | 30 | | | .360 | A | | 20.000 | G | | | | 165 | .001 |
| | V415 | | | SEE 2N5762 | | | | | | | | | | | | | | |
| | V417 | | | SEE 2N5761 | | | | | | | | | | | | | | |
| | V575 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | V643 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| - | WX118UA | NS 412 | 82 | WHE | 50 | 50 | 15.0 | 10.000 | 100.000 | H | 150J | .010 | E | 1MA | 50 | | 360 | |
| - | WX118UB | NS 412 | 82 | WHE | 100 | 100 | 15.0 | 10.000 | 100.000 | H | 150J | .010 | E | 1MA | 50 | | 360 | |
| - | WX118UC | NS 412 | 82 | WHE | 150 | 150 | 15.0 | 10.000 | 100.000 | H | 150J | .010 | E | 1MA | 50 | | 360 | |
| - | WX118XA | NS 412 | 82 | WHE | 50 | 50 | 15.0 | 10.000 | 100.000 | H | 150J | .017 | E | 1MA | 50 | | 660 | |
| - | WX118XB | NS 412 | 82 | WHE | 100 | 100 | 15.0 | 10.000 | 100.000 | H | 150J | .007 | E | 1MA | 50 | | 660 | |
| - | WX118XC | NS 412 | 82 | WHE | 150 | 150 | 15.0 | 10.000 | 100.000 | H | 150J | .007 | E | 1MA | 50 | | 660 | |
| - | XA101 | PG 31 | A | AEI | 20 | 16 | 12.0 | | .120 | A | 65J | 5.000 | B | | | | 35 | |
| - | XA102 | PG 31 | A | AEI | 20 | 16 | 12.0 | | .120 | A | 65J | 8.000 | B | | | | 60 | |
| - | XA111 | PG 169 | B | AEI | 20 | 16 | 12.0 | | .120 | A | 65J | 5.000 | B | | | | 35 | |
| - | XA112 | PG 169 | B | AEI | 20 | 16 | 12.0 | | .120 | A | 65J | 8.000 | B | | | | 60 | |
| - | XA123 | PG 75 | 45 | AEI | 20 | | .5 | | .080 | A | 85J | 30.000 | B | | | | 60 | |
| - | XA124 | PG 75 | 45 | AEI | 20 | | .5 | | .080 | A | 85J | 30.000 | B | | | | 60 | |
| - | XA126 | PG 75 | 45 | AEI | 20 | | 1.5 | | .080 | A | 85J | 30.000 | B | | | | 60 | |
| - | XA131 | PG 128 | 44 | AEI | 30 | | .5 | | .125 | A | 85J | 100.000 | B | | | | 60 | |
| - | XA141 | PG 210 | 5 | AEI | 30 | | 2.0 | | .120 | A | 71A | 30.000 | G | | | | 45 | |
| - | XA142 | PG 210 | 5 | AEI | 30 | | 2.0 | | .120 | A | 71A | 30.000 | G | | | | 45 | |
| - | XA143 | PG 210 | 5 | AEI | 30 | | 2.0 | | .120 | A | 71A | 30.000 | G | | | | 45 | |
| - | XB102 | PG 31 | A | AEI | 35 | 35R | 12.0 | | .150 | A | 75J | AUD | | | | | 30 | |
| - | XB112 | PG 169 | B | AEI | 35 | 35R | 12.0 | | .150 | A | 75J | AUD | | | | | 30 | |
| - | XB113 | PG 169 | B | AEI | 35 | 35R | 12.0 | | .150 | A | 75J | AUD | | | | | 66 | |
| | XB401 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | XB404 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | XB408 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |
| | XB433 | | | SEE RF POWER SECTION | | | | | | | | | | | | | | |

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | | Frequency Response (MHz) | Condition | Cutoff $I_{CBO}$ @ $V_{CB}$ | Gain $h_{FE}$ @ $I_C$(A) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Collector Current (A) | Power (W) | Cond. | Temp. (°C) | Cond. | | | | |
| | XB434 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | XB435 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | XB436 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | XB437 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | XB473 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | XB474 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | XB475 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| | XB476 | | | SEE RF POWER SECTION | | | | | | | | | | | | |
| - | XC121 | PG 169 B | | AEI | 35 | 35R | 12.0 | | .250 | A | 75J | | AUD | | | 74 |
| | XC131 | | | M.P.XC121 | | | | | | | | | | | | |
| - | XC141 | PG 605 | 3 | AEI | 40 | 40 | 12.0 | 3.000 | 65.000 | C | 90J | | AUD | | | 60 |
| - | XC142 | PG 605 | 3 | AEI | 60 | 40 | 12.0 | 3.000 | 65.000 | C | 90J | | AUD | | | 60 |
| - | XC155 | PG 605 | 3 | AEI | 80 | 50 | 60.0 | 10.000 | 40.000 | C | 90J | | .650 | B | | 65 |
| - | XC156 | PG 605 | 3 | AEI | 100 | 65 | 60.0 | 10.000 | 40.000 | C | 90J | | .650 | B | | 65 |

# KEY TO MANUFACTURERS

**AEI**—Associated Electrical Industries (England)
**AMC**—Amelco Semiconductor Division, Teledyne, Inc.
**AMF**—American Machine & Foundry Co., Leland Airborne Products Div.
**AMP**—Amperex Electronics Corp.
**BEN**—Bendix Corp., Semiconductor Div.
**CBS**—CBS Electronics
**CLE**—Clevite Transistor Corp.
**CRY**—Crystalonics
**CSF**—Compagnie Generale de T.S.F. (France)
**DEL**—Delco Radio Div., General Motors Corp.
**EBA**—Ebauches S.A. (Switzerland)
**ETC**—Electronics Transistor Corp.
**FSC**—Fairchild Semiconductor Div., Fairchild Camera and Instrument Corp.
**GEC**—General Electric Co., Semiconductor Products Dept.
**GIC**—General Instrument Corp., Semiconductor Products Group
**GTC**—General Transistor Corp.
**HIT**—Hitachi Ltd. (Japan)
**HUG**—Hughes Aircraft Co., Microelectronics Div.
**IMG**—Intermetall (Germany)
**INR**—International Rectifier
**ITC**—Industro Transistor Corp.
**ITT**—ITT Semiconductors
**KEL**—Kyodo Electronic Laboratories, Inc. (Japan)
**KER**—Kertron, Inc.
**KSC**—KSC Semiconductor Corp.
**MAT**—Matsushita Electronics Corp. (Japan)
**MHR**—Honeywell, Military Products Group
**MOT**—Motorola Semiconductor Products, Inc.
**MUL**—Mullard Overseas Ltd. (England)
**NEC**—Nippon Electric Co. Ltd. (Japan)
**NKT**—Newmarket Transistors Ltd. (England)
**NSC**—National Semiconductor Corp.
**OKI**—OKI Electric Industry Co., Ltd. (Japan)
**PHF**—Philco-Ford Corp.
**PHL**—Philco
**PHN**—Philips Gloeamperfabrieken (Netherlands)
**RAD**—La Radiotechnique (France)
**RAY**—Raytheon Co., Semiconductor Div.
**RCA**—Radio Corporation of America, Electronic Components & Devices
**SAN**—Tokyo Sanyo Electric Co., Ltd. (Japan)
**SEJ**—Shindengen Electric Manufacturing Co., Ltd. (Japan)
**SEM**—Semitronics Corp.
**SEN**—Sensitron Semiconductor
**SES**—Societe Europienne des Semiconducteurs (France)
**SIH**—Siemens and Halske Aktiengesellschaft (Germany)
**SOL**—Solitron Devices, Inc.
**SON**—Sony Corp. (Japan)
**SPC**—Solid Power Corp.
**SPR**—Sprague Products Co.
**SSD**—Sperry Semiconductor
**SSP**—Solid State Products, Inc.
**STC**—Silicon Transistor Corp.
**SYL**—Sylvania Electric Products Inc., Semiconductor Div.
**TAD**—Tadiran (Israel)
**TEC**—Transitron Electronic Corp.
**TFK**—Telefunken Gmbh. (Germany)
**TII**—Texas Instruments, Inc.
**TIL**—Texas Instruments Ltd. (England)
**TOS**—Toshiba America, Inc.
**TRW**—TRW Semiconductors, Inc.
**TSE**—Tung-Sol Electric, Inc.
**WHE**—Westinghouse Electric Corp., Semiconductor Div.
**WTV**—Workman Electronic Products, Inc.

# RF POWER TRANSISTORS

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | RF OPERATION | | | | η (%) | Cutoff $I_{CBO}$ @ $V_{CB}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Power | $V_{CB}$ | $V_{CE}$ | $V_{EB}$ | Temp. (°C) Cond. | $G_{pe}$ | $P_{OUT}$ | Freq. | $V_{CC}$ | | |

- = Obsolete

N = NPN P = PNP
G = Germanium
S = Silicon

Numbers = Lead and Terminal Identification Page 153.

If no JEDEC is shown, dimensions are found in Transistor Outlines Page 138, using numbers plus the letter.

TO numbers refer to Registered Transistor Outlines Page 98

Key to Manufacturers Page 160

Maximum power that can be dissipated at 25°C case temperature.

Maximum operating temperature (°C)
Conditions:
A = Ambient
C = Case
J = Junction

Operating characteristics at 25°C case temperature. Design gain $G_{pe}$ produces output power $P_{out}$ in circuit operating at the indicated frequency (Freq) and using collector voltage supply $V_{CC}$.

Collector efficiency ($n_c$) is for the conditions shown under RF operation.

Current between collector and base with emitter open, at voltage shown.
MA = milliamperes
UA = microamperes
NA = nanoamperes

Maximum voltages that cannot be exceeded without permanent damage to the transistor.

$V_{CB}$ = Collector-to-base voltage with emitter open.

$V_{CD}$ = Collector-to-emitter voltage (base open, if no subscript indicated).

R = Resistor between emitter and base.
S = Short between emitter and base.
X = B-E junction forward biased.

$V_{EB}$ = Emitter-to-base reverse voltage with collector open.

# RF POWER TRANSISTORS

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS Power | $V_{CB}$ | $V_{CE}$ | $V_{EB}$ | Temp. (°C) Cont. | RF OPERATION $G_{pe}$ | $P_{OUT}$ | Freq. | $V_{CC}$ | η (%) | Cutoff $I_{CBO}$ @ $V_{CB}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2N1505 | NS 211 | 05 | TRW,HUG | 3.0W | 50V | 20V | 3.0V | 175 C | 7.0DB | 1.0W | 70MHZ | 28V | 36 | 50UA 28V |
| | 2N1506 | NS 211 | 05 | SOL,TRW,HUG | 3.0W | 60V | 20V | 4.0V | 175 C | 9.0DB | 1.0W | 70MHZ | 28V | 36 | 10UA 28V |
| | 2N1506A | NS 211 | 05 | SOL,TRW,HUG | 3.5W | 80V | 50V | 5.0V | 200 J | 10.0DB | 1.3W | 70MHZ | 28V | 46 | 50NA 28V |
| | 2N1709 | NS 171 | 08 | TRW | 13.0W | 75V | 30V | 4.0V | 175 C | 10.0DB | 5.0W | 30MHZ | 28V | 50 | 10UA 28V |
| | 2N1710 | NS 171 | 08 | TRW | 13.0W | 60V | 30V | 3.0V | 175 C | 8.0DB | 5.0W | 30MHZ | 28V | | 50UA 28V |
| | 2N2095 | PG 171 | 31 | HUG | 1.0W | 30V | 15V | 1.0V | 100 C | 6.0DB | .5W | 160MHZ | 16V | | |
| | 2N2098 | PG 171 | 09 | HUG | 1.0W | 30V | 15V | 1.0V | 100 C | 6.0DB | .5W | 160MHZ | 15V | | |
| | 2N2631 | NS 211 | 39 | RCA | 8.8W | 80V | 60V | 4.0V | 200 C | 4.8DB | 3.0W | 150MHZ | 28V | 70 | 100NA 30V |
| | 2N2781 | NS 171 | 08 | TRW | 13.0W | 75V | 30V | 5.0V | 175 C | 12.5DB | 5.0W | 30MHZ | 28V | 50 | 500UA 28V |
| | 2N2782 | NS 171 | 08 | TRW | 13.0W | 100V | 40V | 5.0V | 175 C | 12.5DB | 5.0W | 30MHZ | 28V | 50 | 500UA 28V |
| | 2N2783 | NS 171 | 08 | TRW | 13.0W | 100V | 40V | 5.0V | 175 C | 12.5DB | 5.0W | 30MHZ | 28V | 50 | 10UA 28V |
| | 2N2874 | NS 171 | 08 | TRW | 15.0W | 75V | 40V | 4.0V | 175 C | 10.0DB | 3.0W | 70MHZ | 28V | 40 | 10UA 28V |
| | 2N2876 | NS 540 | 60 | RCA | 17.5W | 80V | 60V | 4.0V | 200 C | 4.8DB | 3.0W | 150MHZ | 28V | 40 | 100NA 30V |
| | 2N2887 | NS 540 | 60 | TRW | 25.0W | 100V | 80V | 4.0V | 200 C | 9.0DB | 10.0W | 100MHZ | 45V | 50 | 500UA 28V |
| | 2N3118 | NS 211 | 05 | RCA,HUG | 4.0W | 85V | 60V | 4.0V | 200 C | 10.0DB | 1.0W | 50MHZ | 28V | 45 | 100NA 30V |
| | 2N3229 | NS 540 | 60 | RCA | 17.5W | 105V | 60V | 4.0V | 200 J | 8.8DB | 15.0W | 50MHZ | 50V | | 100NA 30V |
| | 2N3375 | NS 540 | 60 | MOT,RCA,ITT,FSC,NSC,TII | 11.6W | 65V | 40V | 4.0V | 200 J | 13.7DB | 3.0W | | 28V | 70 | 1MA 65V |
| | 2N3543 | NS 605 | 03 | HUG,KER | 60.0W | 65V | 60V | 4.0V | 175 J | 8.0DB | 20.0W | 30MHZ | 28V | 50 | 10UA 50V |
| | 2N3553 | NS 211 | 39 | RCA,MOT,ITT,NSC,TII,AMP | 7.0W | 65V | 40V | 4.0V | 200 J | 14.0DB | 2.5W | 175MHZ | 28V | 50 | 1MA 65V |
| | 2N3632 | NS 540 | 60 | MOT,RCA,ITT,NSC,TII,AMP | 23.0W | 65V | 40V | 4.0V | 200 J | 8.6DB | 13.5W | 175MHZ | 28V | 70 | 500UA 65V |
| | 2N3664 | NS 546 | 102 | MOT | 5.0W | 60V | 40V | 4.0V | 200 J | 7.4DB | 3.0W | 250MHZ | 25V | 50 | 10UA 50V |
| | 2N3733 | NS 540 | 60 | RCA,MOT,ITT,RAY,IMH,TIL | 23.0W | 65V | 40V | 4.0V | 200 C | 4.0DB | 10.0W | 400MHZ | 28V | 45 | 500UA 65V |
| | 2N3866 | NS 211 | 39 | RCA,MOT,ITT,NSC,TII,IMH | 5.0W | 55V | 30V | 3.5V | 200 C | 10.0DB | 1.0W | 400MHZ | 28V | 45 | 100UA 55V |
| | 2N3924 | NS 211 | 39 | MOT,AMP,SOL | 7.0W | 36V | 18V | 4.0V | 200 C | 6.0DB | 4.0W | 175MHZ | 14V | 70 | 100UA 15V |
| | 2N3925 | NS 540 | 102 | MOT | 10.0W | 36V | 18V | 4.0V | 200 C | 5.8DB | 5.0W | 175MHZ | 14V | 70 | 100UA 15V |
| | 2N3926 | NS 543 | 60 | MOT,AMP,SOL | 11.6W | 36V | 18V | 4.0V | 200 C | 5.4DB | 7.0W | 175MHZ | 14V | 70 | 100UA 15V |
| | 2N3927 | NS 543 | 60 | MOT,AMP,SOL | 23.2W | 36V | 18V | 4.0V | 200 C | 4.8DB | 12.0W | 175MHZ | 14V | 80 | 250UA 15V |
| | 2N3948 | NS 210 | 39 | MOT | 5.0W | 36V | 20V | 3.5V | 200 C | 6.0DB | 1.0W | 400MHZ | 14V | 45 | 100NA 15V |
| | 2N3950 | NS 543 | 60 | MOT | 70.0W | 65V | 35V | 4.0V | 200 J | 8.0DB | 50.0W | 50MHZ | 28V | 60 | 10MA 65V |
| | 2N3961 | NS 540 | 102 | MOT | 10.0W | 65V | 40V | 4.0V | 200 C | 9.0DB | 4.0W | 175MHZ | 28V | 60 | 1MA 65V |
| | 2N4012 | NS 540 | 60 | MOT,RCA,ITT,IMH | 11.6W | 65V | 40V | 4.0V | 200 J | 4.0DB | 2.5W | 1002MHZ | 28V | 25 | 1MA 65V |
| | 2N4040 | NS 962 | 117 | TRW,TII,SOL,TIL | 17.5W | 60V | 40V | 4.0V | 200 C | 4.3DB | 8.0W | 400MHZ | 28V | 50 | 200UA 30V |
| | 2N4041 | NS 962 | 117 | TRW,TII,SOL,TIL | 10.0W | 60V | 40V | 4.0V | 200 C | 5.2DB | 3.3W | 400MHZ | 28V | 50 | 200UA 30V |
| | 2N4127 | NS 962 | 117 | TRW,TIL,SOL | 25.0W | 60V | 40V | 4.0V | 200 C | 7.3DB | 13.5W | 175MHZ | 25V | 60 | 500UA 30V |
| | 2N4128 | NS 962 | 117 | TRW,TIL,SOL | 40.0W | 60V | 40V | 4.0V | 200 C | 6.0DB | 24.0W | 175MHZ | 25V | 65 | 500UA 30V |
| | 2N4130 | NS 605 | 03 | HUG,KER,SOL | 120.0W | 80V | 65V | 4.0V | 175 J | 8.0DB | 50.0W | 70MHZ | 28V | 50 | 20UA 80V |
| | 2N4131 | NS 605 | 03 | HUG,KER | 60.0W | 90V | 80V | 4.0V | 175 J | 11.7DB | 30.0W | 70MHZ | 40V | 50 | 10UA 80V |
| | 2N4132 | NS 632 | 37 | HUG,KER | 7.5W | 90V | 80V | 5.0V | 175 J | 10.9DB | 5.0W | 70MHZ | 40V | 50 | 10UA 80V |
| | 2N4133 | NS 213 | 05 | HUG,KER | 3.0W | 90V | 80V | 5.0V | 175 J | 13.0DB | 1.0W | 70MHZ | 28V | 50 | 10UA 80V |
| | 2N4350 | NS 211 | 05 | HUG | 7.0W | 65V | 40V | 4.0V | 200 C | 7.8DB | 1.5W | 200MHZ | 28V | | |
| | 2N4427 | NS 211 | 39 | RCA,ITT,AMP,MOT,IMH,HUG | 2.0W | 40V | 20V | 2.0V | 200 C | 10.0DB | 1.0W | 175MHZ | 12V | 50 | 1MA 40V |
| | 2N4428 | NS 211 | 39 | TRW,MOT,SOL | 3.5W | 55V | 35V | 3.5V | 200 J | 10.0DB | .8W | 500MHZ | 28V | 35 | 1MA 55V |
| | 2N4429 | NS 962 | 117 | TRW,TIL,SOL | 5.0W | 55V | 35V | 3.5V | 200 J | 5.2DB | 1.0W | 1000MHZ | 28V | 35 | 1MA 55V |
| | 2N4430 | NS 959 | 129 | TRW,TIL,SOL | 10.0W | 55V | 40V | 3.5V | 200 J | 5.0DB | 2.5W | 1000MHZ | 28V | 35 | 2MA 55V |
| | 2N4431 | NS 959 | 129 | TRW,TIL,SOL | 18.0W | 55V | 40V | 3.5V | 200 J | 5.0DB | 5.0W | 1000MHZ | 28V | 35 | 4MA 55V |
| | 2N4440 | NS 540 | 60 | RCA,RAY,IMH,SOL | 11.6W | 65V | 40V | 4.0V | 200 C | 5.0DB | 5.0W | 400MHZ | 28V | 45 | 1MA 65V |
| | 2N4874 | NS 211 | 39 | FSC | 6.0W | 30V | 20V | 2.0V | 200 C | 10.0DB | 1.0W | 400MHZ | 20V | | 500NA 15V |
| | 2N4875 | NS 211 | 39 | FSC | 6.0W | 40V | 25V | 2.0V | 200 C | 9.5DB | .9W | 400MHZ | 20V | | 500NA 15V |
| | 2N4876 | NS 211 | 39 | FSC | 6.0W | 40V | 30V | 2.0V | 200 C | 8.5DB | .7W | 400MHZ | 20V | | 500NA 15V |
| | 2N4932 | NS 543 | 60 | RCA | 70.0W | 50V | 25V | 4.0V | 200 C | 5.4DB | 12.0W | 70MHZ | 14V | 70 | 5MA 45V |
| | 2N4933 | NS 543 | 60 | RCA,SOL | 70.0W | 70V | 35V | 4.0V | 200 C | 7.6DB | 20.0W | 70MHZ | 24V | 70 | 5MA 65V |
| | 2N5016 | NS 543 | 60 | RCA,RAY,TIL,SOL | 30.0W | 65V | 30V | 4.0V | 200 C | 4.8DB | 15.0W | 400MHZ | 28V | 50 | 10MA 60V |
| | 2N5025 | NS 543 | 60 | FSC | 45.0W | 75V | 75V | 4.5V | 200 J | 7.6DB | 20.0W | 50MHZ | 14V | 65 | 10UA 60V |
| | 2N5026 | NS 543 | 60 | FSC | 45.0W | 90V | 90V | 4.5V | 200 J | 10.0DB | 25.0W | 80MHZ | 28V | 65 | 10UA 60V |
| | 2N5070 | NS 543 | 60 | RCA,SOL,MOT | 70.0W | 65V | 30V | 4.0V | 200 C | 13.0DB | 25.0W | 30MHZ | 24V | 40 | 10MA 60V |
| | 2N5071 | NS 543 | 60 | RCA,SOL | 70.0W | 65V | 30V | 4.0V | 200 C | 9.0DB | 24.0W | 76MHZ | 24V | 60 | 10MA 60V |
| | 2N5090 | NS 543 | 60 | RCA,SOL | 5.0W | 55V | 30V | 3.5V | 200 J | 7.8DB | 1.2W | 400MHZ | 28V | 45 | 1MA 55V |
| | 2N5102 | NS 543 | 60 | RCA,SOL | 70.0W | 90V | 50V R | 4.0V | 200 C | 4.0DB | 15.0W | 136MHZ | 24V | 70 | 20MA 83V |
| | 2N5108 | NS 211 | 39 | RCA,RAY,MOT,SOL | 3.5W | 55V | 55V R | 3.0V | 200 C | 5.0DB | 1.0W | 1000MHZ | 28V | 35 | 1MA 50V |
| | 2N5108A | NS 211 | 39 | | 3.5W | 55V | 55V | 3.0V | 200 C | 5.0DB | 1.0W | 1000MHZ | 28V | 35 | 10NA 50V |
| | 2N5109 | NS 211 | 39 | RCA,SOL | 2.5W | 40V | 20V | 3.0V | 200 C | 11.0DB | 1.3W | 200MHZ | 15V | 09 | 5MA 35V |
| | 2N5160 | PS 211 | 39 | MOT | 5.0W | 60V | 40V | 4.0V | 200 C | 8.0DB | 1.0W | 400MHZ | 28V | 45 | 1UA 28V |
| | 2N5161 | PS 543 | 60 | MOT | 20.0W | 66V | 40V | 4.0V | 200 C | 8.8DB | 7.5W | 175MHZ | 28V | 45 | 100UA 28V |
| | 2N5162 | PS 543 | 60 | MOT | 50.0W | 60V | 40V | 4.0V | 200 C | 6.0DB | 30.0W | 175MHZ | 28V | 55 | 100UA 28V |
| | 2N5214 | NS 960 B | | KER | 60.0W | 95V | 95V | 4.0V | 200 C | 7.0DB | 50.0W | 150MHZ | 40V | 63 | 1MA 80V |
| | 2N5215 | NS 543 | 60 | KER | 23.0W | 70V | 70V | 4.0V | 200 C | 5.0DB | 10.0W | 200MHZ | 28V | 65 | 500UA 65V |
| | 2N5216 | NS 960 A | | KER | 25.0W | 80V | 80V | 4.0V | 200 C | 4.0DB | 15.0W | 400MHZ | 40V | 50 | 100UA 70V |
| | 2N5217 | NS 960 A | | KER | 7.5W | 80V | 80V | 4.0V | 200 C | 7.0DB | 4.0W | 400MHZ | 40V | 40 | 100UA 70V |
| | 2N5421 | NS 211 | 39 | SOL | 3.0W | 36V | 18V | 4.0V | 200 C | 9.0DB | 1.0W | 175MHZ | 14V | 55 | 1UA 18V |
| | 2N5422 | NS 211 | 39 | | 5.0W | 36V | 18V | 4.0V | 200 C | 8.0DB | 2.0W | 175MHZ | 14V | 70 | 1UA 18V |
| | 2N5423 | NS 543 | 60 | SOL | 12.0W | 36V | 18V | 4.0V | 200 C | 6.0DB | 5.0W | 175MHZ | 14V | 70 | 1UA 18V |
| | 2N5424 | NS 543 | 60 | SOL | 20.0W | 36V | 18V | 4.0V | 200 C | 5.0DB | 13.1W | 175MHZ | 14V | 70 | 1UA 18V |
| | 2N5424A | NS 543 | 60 | | 20.0W | 36V | 18V | 4.0V | 200 C | 5.0DB | 13.0W | 175MHZ | 14V | 70 | 1UA 18V |
| | 2N5470 | NS 951 A | | RCA | 3.5W | 55V | 55V R | 3.5V | 200 C | 5.0DB | 1.0W | 2000MHZ | 28V | | 1MA 50V |
| | 2N5481 | NS 962 B | | | 5.0W | 50V | 30V | 3.0V | 200 C | 6.0DB | 1.0W | 2000MHZ | 28V | 25 | 2MA 50V |
| | 2N5482 | NS 962 B | | | 10.0W | 50V | 30V | 3.0V | 200 C | 5.0DB | 2.5W | 2000MHZ | 28V | 30 | 3MA 50V |
| | 2N5483 | NS 962 B | | | 20.0W | 45V | 30V | 3.0V | 200 C | 4.0DB | 5.0W | 2000MHZ | 28V | 30 | 6MA 45V |
| | 2N5589 | NS 962 A | | MOT | 15.0W | 36V | 18V | 4.0V | 200 C | 8.2DB | 3.0W | 175MHZ | 14V | 50 | 1MA 15V |
| | 2N5590 | NS 964 C | | MOT | 30.0W | 36V | 18V | 4.0V | 200 C | 5.2DB | 10.0W | 175MHZ | 14V | 50 | 1MA 15V |
| | 2N5591 | NS 964 C | | MOT,SOL | 70.0W | 36V | 18V | 4.0V | 200 C | 4.4DB | 25.0W | 175MHZ | 14V | 50 | 1MA 15V |
| | 2N5595 | NS 962 B | | TRW | 20.0W | 55V | 30V | 3.5V | 200 C | 6.0DB | 10.0W | 1000MHZ | 28V | 60 | 5MA 50V |
| | 2N5596 | NS 962 B | | | 40.0W | 55V | 30V | 3.5V | 200 C | 5.0DB | 20.0W | 1000MHZ | 28V | 60 | 5MA 50V |
| | 2N5635 | NS 962 A | | MOT | 7.5W | 60V | 35V | 4.0V | 200 C | 6.2DB | 2.5W | 400MHZ | 28V | 50 | 100UA 30V |
| | 2N5636 | NS 962 A | | MOT | 15.0W | 60V | 35V | 4.0V | 200 C | 5.7DB | 7.5W | 400MHZ | 28V | 50 | 1MA 30V |
| | 2N5637 | NS 964 C | | MOT | 30.0W | 60V | 35V | 4.0V | 200 C | 4.6DB | 20.0W | 400MHZ | 28V | 60 | 1MA 30V |
| | 2N5641 | NS 962 A | | MOT,SOL | 15.0W | 65V | 35V | 4.0V | 200 C | 8.4DB | 7.0W | 175MHZ | 28V | 60 | 1MA 30V |
| | 2N5642 | NS 964 C | | MOT,SOL | 30.0W | 65V | 35V | 4.0V | 200 C | 8.2DB | 20.0W | 175MHZ | 28V | 60 | 1MA 30V |
| | 2N5643 | NS 964 C | | MOT,SOL | 60.0W | 65V | 35V | 4.0V | 200 C | 7.6DB | 40.0W | 175MHZ | 28V | 60 | 1MA 30V |
| | 2N5644 | NS 964 B | | MOT | 3.5W | 36V | 18V | 4.0V | 200 C | 7.0DB | 1.0W | 470MHZ | 13V | 60 | 100UA 15V |
| | 2N5645 | NS 964 B | | MOT | 12.0W | 36V | 18V | 4.0V | 200 C | 6.0DB | 4.0W | 470MHZ | 13V | 60 | 500UA 15V |
| | 2N5646 | NS 964 B | | MOT | 30.0W | 36V | 18V | 4.0V | 200 C | 4.7DB | 12.0W | 470MHZ | 13V | 60 | 1MA 15V |
| | 2N5687 | NS 211 | 39 | TRW | 5.0W | 40V | 20V | 3.0V | 200 C | 12.0DB | 1.5W | 50MHZ | 13V | 65 | 1MA 10V |
| | 2N5688 | NS 962 | 117 | TRW | 10.0W | 40V | 20V | 3.0V | 200 C | 13.0DB | 5.0W | 50MHZ | 13V | 65 | 1MA 10V |
| | 2N5689 | NS 962 | 117 | TRW | 25.0W | 60V | 40V | 3.0V | 200 C | 10.0DB | 10.0W | 50MHZ | 13V | 60 | 1MA 10V |
| | 2N5690 | NS 962 | 128 | TRW | 50.0W | 50V | 30V | 4.0V | 200 C | 10.0DB | 25.0W | 50MHZ | 13V | 60 | 1MA 10V |
| | 2N5691 | NS 655 A | | TRW | 88.0W | 50V | 30V | 4.0V | 200 C | 8.0DB | 40.0W | 50MHZ | 13V | 60 | 1MA 10V |
| | 2N5697 | NS 211 | 39 | TRW | 3.5W | 40V | 18V | 3.0V | 200 C | 7.0DB | .3W | 470MHZ | 13V | 60 | 1MA 10V |
| | 2N5698 | NS 961 | 131 | TRW | 5.0W | 40V | 18V | 3.0V | 200 C | 6.0DB | 1.0W | 470MHZ | 13V | 60 | 1MA 10V |
| | 2N5699 | NS 964 | 129 | TRW | 10.0W | 40V | 18V | 3.0V | 200 C | 5.5DB | 3.5W | 470MHZ | 13V | 60 | 2MA 10V |
| | 2N5700 | NS 964 | 129 | TRW | 35.0W | 40V | 18V | 3.0V | 200 C | 5.0DB | 11.0W | 470MHZ | 13V | 60 | 2MA 10V |
| | 2N5701 | NS 964 | 129 | TRW | 35.0W | 40V | 18V | 3.0V | 200 C | 5.0DB | 20.0W | 470MHZ | 13V | 60 | 3MA 10V |
| | 2N5702 | NS 211 | 39 | TRW | .8W | 36V | 18V | 3.0V | 200 C | 6.0DB | 1.5W | 175MHZ | 13V | 60 | 1MA 10V |
| | 2N5703 | NS 962 | 117 | TRW | 10.0W | 36V | 18V | 3.0V | 200 C | 8.0DB | 3.0W | 175MHZ | 13V | 60 | 1MA 10V |
| | 2N5704 | NS 962 | 117 | TRW | 25.0W | 36V | 18V | 3.0V | 200 C | 5.0DB | 12.0W | 175MHZ | 13V | 60 | 1MA 10V |
| | 2N5705 | NS 962 | 128 | TRW | 44.0W | 36V | 18V | 3.0V | 200 C | 4.0DB | 25.0W | 175MHZ | 13V | 60 | 2MA 10V |
| | 2N5706 | NS 655 A | | TRW | 80.0W | 36V | 18V | 3.0V | 200 C | 4.0DB | 40.0W | 175MHZ | 13V | 60 | 3MA 10V |
| | 2N5707 | NS 962 | 128 | | 70.0W | 70V | 50V | 4.0V | 200 J | 14.0DB | 10.0W | 28MHZ | 28V | 27 | 5MA 55V |
| | 2N5708 | NS 962 | 128 | | 100.0W | 70V | 50V | 4.0V | 200 J | 13.0DB | 20.0W | 28MHZ | 28V | 35 | 5MA 55V |
| | 2N5709 | NS 655 A | | | 140.0W | 70V | 50V | 4.0V | 200 J | 13.0DB | 40.0W | 28MHZ | 28V | 40 | 10MA 55V |
| | 2N5710 | NS 211 | 39 | TRW | 3.5W | 40V | 20V | 3.0V | 200 C | 11.0DB | .3W | 150MHZ | 13V | 60 | 100UA 5V |
| | 2N5711 | NS 962 | 117 | TRW | 10.0W | 60V | 36V | 3.0V | 200 C | 10.0DB | 1.5W | 150MHZ | 13V | 60 | 200UA 10V |
| | 2N5712 | NS 962 | 117 | TRW | 25.0W | 60V | 40V | 4.0V | 200 C | 6.0DB | 5.0W | 150MHZ | 13V | 60 | 300UA 10V |
| | 2N5713 | NS 962 | 128 | TRW | 45.0W | 60V | 40V | 4.0V | 200 C | 5.0DB | 11.0W | 150MHZ | 13V | 60 | 500UA 10V |
| | 2N5714 | NS 650 A | | TRW | 70.0W | 60V | 40V | 4.0V | 200 C | 5.0DB | 20.0W | 150MHZ | 13V | 60 | 1MA 10V |
| | 2N5715 | NS 963 A | | | 6.0W | 50V | 30V | 3.5V | 200 C | 9.0DB | .3W | 2000MHZ | 28V | 15 | 500UA 45V |
| | 2N5761 | NS 965 A | | | .2W | 20V | 15V | 3.0V | 150 C | 3.0DB | | 4000MHZ | 10V | | 500NA 10V |
| | 2N5762 | NS 965 A | | | .3W | 20V | 20V | 1.5V | 150 C | 7.0DB | | 2000MHZ | 10V | | 500NA 10V |
| | 2N5764 | NS 962 D | | | 10.0W | 55V | 25V | 3.5V | 200 C | 6.0DB | 2.5W | 1000MHZ | 28V | 40 | 5MA 28V |
| | 2N5765 | NS 962 D | | | 19.0W | 55V | 25V | 3.5V | 200 C | 6.0DB | 5.0W | 1000MHZ | 28V | 40 | 8MA 28V |
| | 2N5766 | NS 962 D | | | 5.0W | 55V | 25V | 3.5V | 200 C | 8.0DB | 1.0W | 2000MHZ | 28V | 30 | 3MA 28V |
| | 2N5767 | NS 962 D | | | 10.0W | 55V | 25V | 3.5V | 200 C | 8.0DB | 2.5W | 2000MHZ | 28V | 30 | 5MA 28V |
| | 2N5768 | NS 962 D | | | 20.0W | 55V | 25V | 3.5V | 200 C | 6.0DB | 5.0W | 2000MHZ | 28V | 33 | 10MA 28V |
| | 2N5834 | PS 210 | 39 | | 5.0W | 60V | 40V | 4.0V | 200 C | 10.0DB | 2.5W | 175MHZ | 28V | 50 | |
| | 2N5846 | NS 546 | 102 | MOT | 10.0W | 36V | 18V | 4.0V | 200 C | 10.0DB | 3.5W | 50MHZ | 13V | 50 | 500UA 15V |
| | 2N5847 | NS 964 C | | MOT | 20.0W | 36V | 18V | 4.0V | 200 C | 10.0DB | 8.0W | 50MHZ | 13V | 50 | 1MA 15V |
| | 2N5848 | NS 964 C | | MOT | 50.0W | 48V | 24V | 4.0V | 200 S | 8.0DB | 20.0W | 50MHZ | 13V | 50 | 1MA 15V |
| | 2N5862 | NS 964 D | | MOT | 80.0W | 65V | 35V | 4.0V | 200 J | 5.0DB | 75.0W | 150MHZ | 14V | 60 | 2MA 30V |
| | 2N5913 | NS 211 | 39 | RCA | 3.5W | 36V | 14V | 3.5V | 200 C | 12.4DB | 1.8W | 175MHZ | 13V | 50 | 1MA 13V |
| | 2N5914 | NS 966 A | | RCA | 5.7W | 36V | 14V | 3.5V | 200 C | 7.0DB | 2.0W | 470MHZ | 13V | 65 | 1MA 13V |

# RF POWER TRANSISTORS

| Obsolete | Transister Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS Power | $V_{CB}$ | $V_{CE-}$ | $V_{EB}$ | Temp. (°C) Cond. | RF OPERATION $G_{pe}$ | $P_{OUT}$ | Freq. | $V_{CC}$ | η (%) | Cutoff $I_{CBO}$ @ $V_{CB}$ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| * | 2N5915 | NS 966 A | | | 10.7W | 36V | 14V | 3.5V | 200 C | 4.8DB | 6.0W | 470MHZ | 13V | 65 | 3MA | 13V |
| | 2N5916 | NS 966 A | | | 4.0W | 55V | 24V | 3.5V | 200 C | 10.0DB | 2.0W | 400MHZ | 28V | 50 | 1MA | 30V |
| | 2N5917 | NS 966 B | | | 4.0W | 55V | 24V | 3.5V | 200 C | 10.0DB | 2.0W | 400MHZ | 28V | 50 | 1MA | 30V |
| | 2N5918 | NS 966 A | | | 10.0W | 60V | 24V | 4.0V | 200 C | 8.0DB | 10.0W | 400MHZ | 28V | 55 | 5MA | 30V |
| | 2N5919 | NS 966 A | | | 25.0W | 65V | 30V | 4.0V | 200 C | 6.0DB | 16.0W | 400MHZ | 28V | 60 | 10MA | 30V |
| | 2N5920 | NS 951 A | | | 3.5W | 50V | 50V S | 3.5V | 200 C | 10.0DB | 2.0W | 2000MHZ | 28V | 40 | 1MA | 50V |
| | 2N5921 | NS 951 B | | | 14.5W | 50V | 50V R | 3.5V | 200 C | 7.0DB | 5.0W | 2000MHZ | 28V | 40 | 1MA | 45V |
| | 2N5922 | NS 962 D | | MOT | 5.0W | 55V | 35V | 3.5V | 200 S | 5.0DB | 1.0W | 1000MHZ | 28V | 35 | 4MA | 30V |
| | 2N5923 | NS 962 D | | MOT | 6.0W | 55V | 35V | 3.5V | 200 S | 5.0DB | 2.5W | 1000MHZ | 28V | 40 | 10MA | 30V |
| | 2N5924 | NS 962 D | | MOT | 10.0W | 55V | 35V | 3.5V | 200 S | 5.0DB | 5.0W | 1000MHZ | 28V | 40 | 20MA | 30V |
| | 2N5925 | NS 962 D | | MOT | 13.0W | 55V | 35V | 3.5V | 200 S | 5.0DB | 10.0W | 1020MHZ | 28V | 40 | 25MA | 30V |
| | 2N5992 | NS 966 A | | | 35.7W | 65V | 30V | 3.5V | 200 S | 11.5DB | 7.0W | 66MHZ | 13V | 55 | 10MA | 60V |
| | 2N5993 | NS 966 A | | | 35.7W | 36V | 18V | 3.5V | 200 S | 12.5DB | 18.0W | 66MHZ | 13V | 65 | 10MA | 13V |
| | 2N5994 | NS 966 A | | | 35.7W | 65V | 30V | 3.5V | 200 S | 7.0DB | 15.0W | 118MHZ | 13V | 70 | 5MA | 60V |
| | 2N5995 | NS 966 A | | | 10.7W | 36V | 14V | 3.5V | 200 S | 9.7DB | 7.0W | 175MHZ | 13V | 65 | 5MA | 13V |
| | 2N5996 | NS 966 A | | | 35.7W | 36V | 18V | 3.5V | 200 S | 4.5DB | 15.0W | 175MHZ | 13V | 75 | 10MA | 13V |
| | 2N6166 | NS 655 C | | MOT | 117.0W | 65V | 35V | 4.0V | 200 S | 6.0DB | 100.0W | 150MHZ | 28V | 60 | 3MA | 30V |
| | 2N6197 | NS 964 C | | COM | 10.0W | 60V | 35V | 4.0V | 200 S | 13.0DB | 3.0W | 175MHZ | 28V | 60 | 2MA | 30V |
| | 2N6198 | NS 964 C | | COM | 25.0W | 60V | 35V | 4.0V | 200 S | 10.8DB | 12.0W | 175MHZ | 28V | 60 | 5MA | 30V |
| | 2N6199 | NS 964 C | | COM | 50.0W | 60V | 35V | 4.0V | 200 S | 8.5DB | 25.0W | 175MHZ | 28V | 60 | 10MA | 30V |
| | 2N6200 | NS 964 C | | COM | 85.0W | 60V | 35V | 4.0V | 200 S | 8.2DB | 40.0W | 175MHZ | 28V | 60 | 20MA | 30V |
| | 2N6201 | NS 964 D | | COM | 140.0W | 60V | 35V | 4.0V | 200 S | 5.4DB | 70.0W | 175MHZ | 28V | 50 | 20MA | 30V |
| | 2N6202 | NS 964 C | | COM | 10.0W | 60V | 33V | 4.0V | 200 S | 10.0DB | 3.0W | 400MHZ | 28V | 50 | 2MA | 30V |
| | 2N6203 | NS 964 C | | COM | 20.0W | 60V | 33V | 4.0V | 200 S | 6.8DB | 12.0W | 400MHZ | 28V | 60 | 5MA | 30V |
| | 2N6204 | NS 964 C | | COM | 40.0W | 60V | 33V | 4.0V | 200 S | 6.2DB | 25.0W | 400MHZ | 28V | 60 | 10MA | 30V |
| | 2N6205 | NS 964 C | | COM | 80.0W | 60V | 33V | 4.0V | 200 S | 5.2DB | 40.0W | 400MHZ | 28V | 65 | 20MA | |
| | 2N6206 | NS 964 C | | COM | 10.0W | 50V | 30V | 4.0V | 200 S | 7.0DB | 3.0W | 1000MHZ | 28V | 50 | 2MA | |
| | 2N6207 | NS 964 C | | COM | 20.0W | 50V | 30V | 4.0V | 200 S | 5.2DB | 10.0W | 1000MHZ | 28V | 50 | 5MA | |
| | 2N6208 | NS 964 C | | COM | 40.0W | 50V | 30V | 4.0V | 200 S | 4.0DB | 20.0W | 1000MHZ | 28V | 50 | 10MA | |
| | 2N6255 | NS 210 | 39 | MOT | 5.0W | 36V | 18V | 4.0V | 200 S | 7.8DB | 35.0W | 175MHZ | 13V | 50 | 250UA | 15V |
| | 2N6256 | NS 961 A | | MOT | 2.0W | 36V | 16V | 4.0V | 200 S | 7.0DB | .5W | 470MHZ | 13V | 60 | 500UA | 15V |
| | 2N6265 | NS 940 A | | RCA | 6.2W | 50V | 50V R | 3.5V | 200 S | 8.2DB | 2.0W | 2000MHZ | 28V | 33 | 2MA | 45V |
| | 2N6266 | NS 940 A | | | 14.8W | 50V | 50V R | 3.5V | 200 S | 7.0DB | 5.0W | 2000MHZ | 28V | 33 | 2MA | 45V |
| | 2N6267 | NS 940 A | | | 21.0W | 50V | 50V R | 3.5V | 200 S | 7.0DB | 10.0W | 2000MHZ | 28V | 33 | 2MA | 45V |
| | 2N6268 | NS 940 A | | RCA | 6.2W | 45V | 45V R | 3.5V | 200 S | 7.0DB | 2.0W | 2300MHZ | 22V | 33 | 2MA | 40V |
| | 2N6269 | NS 940 A | | RCA | 21.0W | 45V | 45V R | 3.5V | 200 S | 7.0DB | 2.0W | 2300MHZ | 22V | 33 | 2MA | 40V |
| | 2N6361 | NS 880 A | | COM | 50.0W | 60V | 33V | 4.0V | 200 S | 9.0DB | 20.0W | 400MHZ | 28V | 65 | 10MA | 30V |
| | 2N6362 | NS 880 A | | COM | 110.0W | 60V | 33V | 4.0V | 200 S | 7.5DB | 40.0W | 400MHZ | 28V | 65 | 10MA | 30V |
| | 2N6363 | NS 880 A | | COM | 175.0W | 60V | 33V | 4.0V | 200 S | 8.7DB | 75.0W | 400MHZ | 28V | 65 | 20MA | 30V |
| | 2N6364 | NS 880 A | | COM | 175.0W | 50V | 33V | 4.0V | 200 S | 7.2DB | 75.0W | 750MHZ | 28V | 65 | 20MA | 30V |
| | 2N6367 | NS 655 B | | MOT | 20.0W | 36V | 18V | 4.0V | 200 J | | 9.0W | 300MHZ | 13V | 36 | 10MA | 15V |
| | 2N6368 | NS 655 C | | MOT | 140.0W | 400V | 20V | 4.0V | 200 J | 10.0DB | 40.0W | 300MHZ | 13V | 34 | 10MA | 12V |
| | 2SC547 | NS 211 | 39 | TOS | 6.0W | 65V | 40V | 4.0V | 175 J | 10.0DB | 2.5W | 175MHZ | 28V | 50 | 100UA | 30V |
| | 2SC548 | NS 211 | 39 | TOS | 6.0W | 36V | 18V | 4.0V | 175 J | 10.0DB | 1.0W | 175MHZ | 14V | 60 | 100UA | 15V |
| | 2SC549 | NS 540 | 60 | TOS | 10.0W | 65V | 40V | 4.0V | 175 J | 4.8DB | 3.0W | 400MHZ | 28V | 40 | 100UA | 30V |
| | 2SC550 | NS 540 | 60 | TOS | 10.0W | 36V | 18V | 4.0V | 175 J | 6.0DB | 4.0W | 175MHZ | 14V | 70 | 100UA | 15V |
| | 2SC551 | NS 540 | 60 | TOS | 20.0W | 65V | 40V | 4.0V | 175 J | 5.9DB | 13.5W | 175MHZ | 28V | 70 | 250UA | 30V |
| | 2SC552 | NS 540 | 60 | TOS | 20.0W | 36V | 18V | 4.0V | 175 J | 4.8DB | 12.0W | 175MHZ | 14V | 80 | 250UA | 15V |
| | 2SC553 | NS 540 | 60 | TOS | 20.0W | 65V | 40V | 4.0V | 175 J | .4DB | 10.0W | 400MHZ | 28V | 45 | 250UA | 30V |
| | 2SC555 | NS 211 | 39 | TOS | 4.2W | 55V | 30V | 3.5V | 175 J | 10.0DB | 1.0W | 400MHZ | 28V | 45 | 20UA | 28V |
| | 2SC1090 | NS 965 C | | NEC | .3W | 20V | 12V | 3.0V | 200 J | 10.0DB | | 1000MHZ | 5V | | 500NA | 10V |
| | 3TE604 | NS 960 B | | KER | 30.0W | | 96V | 4.0V | 200 J | 9.0DB | 30.0W | 150MHZ | 40V | 50 | 1MA | 48V |
| | 3TE609 | NS 960 B | | KER | 60.0W | 80V | 60V | 4.0V | 200 J | 9.0DB | 50.0W | 150MHZ | 28V | 65 | 1MA | 28V |
| | 3TE610 | NS 960 B | | KER | 87.0W | 80V | 60V | 4.0V | 200 J | 8.8DB | 100.0W | 150MHZ | 40V | 50 | 1MA | 28V |
| | 3TE611 | NS 960 B | | KER | 87.0W | 60V | 30V | 4.0V | 200 J | 7.0DB | 75.0W | 150MHZ | 28V | 50 | 5MA | 28V |
| | 3TX601 | NS 964 G | | KER | 7.0W | 36V | 18V | 4.0V | 200 J | 9.0DB | 4.0W | 175MHZ | 14V | 60 | 1MA | 18V |
| | 3TX602 | NS 964 G | | KER | 20.0W | 36V | 18V | 4.0V | 200 J | 6.4DB | 13.0W | 175MHZ | 14V | 60 | 1MA | 18V |
| | 3TX632 | NS 964 G | | KER | 15.0W | 60V | 30V | 3.5V | 200 J | 6.0DB | 5.0W | 470MHZ | 28V | 50 | 2MA | 28V |
| | 3TX820 | NS 964 H | | KER | 4.0W | 36V | 18V | 3.5V | 200 J | 5.0DB | 1.0W | 470MHZ | 13V | 50 | 100UA | 30V |
| | 3TX821 | NS 964 H | | KER | 7.0W | 36V | 18V | 3.5V | 200 J | 4.0DB | 2.0W | 470MHZ | 13V | 60 | 100UA | 30V |
| | 40082 | NS 211 | 39 | RCA | 5.0W | | 60V X | 2.5V | 200 J | 9.3DB | 3.0W | 27MHZ | 12V | | 10UA | 15V |
| | 40279 | NS 540 | 60 | RCA | 11.6W | 65V | 40V | 4.0V | 200 J | 8.8DB | 7.5W | 100MHZ | 28V | 65 | 100NA | 30V |
| | 40280 | NS 211 | 39 | RCA | 7.0W | 36V | 18V | 4.0V | 200 J | 9.0DB | 1.0W | 175MHZ | 14V | 60 | 100UA | 15V |
| | 40281 | NS 543 | 60 | RCA | 11.6W | 36V | 18V | 4.0V | 200 J | 6.0DB | 4.0W | 175MHZ | 14V | 70 | 100UA | 15V |
| | 40282 | NS 543 | 60 | RCA | 23.2W | 36V | 18V | 4.0V | 200 J | 4.8DB | 12.0W | 175MHZ | 14V | 80 | 250UA | 15V |
| | 40290 | NS 211 | 39 | RCA | 7.0W | | 50V X | 4.0V | 200 J | 6.0DB | 2.0W | 135MHZ | 13V | 70 | 100UA | 15V |
| | 40291 | NS 540 | 60 | RCA | 11.6W | | 50V X | 4.0V | 200 J | 6.0DB | 2.0W | 135MHZ | 13V | 70 | 100UA | 15V |
| | 40292 | NS 540 | 60 | RCA | 23.2W | | 50V X | 4.0V | 200 J | 4.8DB | 6.0W | 135MHZ | 13V | 70 | 250UA | 15V |
| | 40305 | NS 211 | 39 | RCA | 7.0W | 65V | 40V | 4.0V | 200 J | 10.0DB | 2.5W | 175MHZ | 28V | 50 | 100NA | 30V |
| | 40306 | NS 540 | 60 | RCA | 11.6W | 65V | 40V | 4.0V | 200 J | 8.8DB | 7.5W | 100MHZ | 28V | 65 | 100NA | 30V |
| | 40307 | NS 540 | 60 | RCA | 23.0W | 65V | 40V | 4.0V | 200 J | 5.8DB | 13.5W | 175MHZ | 28V | 70 | 250NA | 30V |
| | 40340 | NS 543 | 60 | RCA | 70.0W | 60V | 25V | 4.0V | 200 J | 7.0DB | 25.0W | 50MHZ | 14V | 60 | 10MA | 50V |
| | 40341 | NS 543 | 60 | RCA | 70.0W | 70V | 35V | 4.0V | 200 J | 10.0DB | 30.0W | 50MHZ | 24V | 60 | 10MA | 40V |
| | 40446 | NS 211 | 39 | RCA | 10.0W | | 60V X | 2.5V | 200 J | 9.3DB | 3.0W | 27MHZ | 12V | | 10UA | 15V |
| | 40577 | NS 211 | 05 | RCA | 3.0W | | 85V X | 4.0V | 200 J | 10.0DB | 1.0W | 50MHZ | 28V | | 10NA | 30V |
| | 40578 | NS 211 | 39 | RCA | 5.0W | 55V | 30V | 3.5V | 200 J | 15.6DB | 1.8W | 100MHZ | 28V | 60 | 100NA | 28V |
| | 40581 | NS 635 B | | RCA | 5.0W | | 60V X | 2.5V | 200 J | 10.0DB | 3.5W | 27MHZ | 12V | | 10UA | 15V |
| | 40582 | NS 635 B | | RCA | 10.0W | | 60V X | 2.5V | 200 J | 10.0DB | 3.5W | 27MHZ | 12V | | 10UA | 15V |
| | 40605 | NS 211 | 39 | RCA | 7.0W | 65V | 40V | 4.0V | 200 J | 13.7DB | 2.5W | 175MHZ | 28V | 50 | 100NA | 30V |
| | 40665 | NS 543 | 60 | RCA | 23.0W | 65V | 40V | 4.0V | 200 J | 8.6DB | 13.5W | 175MHZ | 28V | 70 | 250UA | 30V |
| | 40666 | NS 543 | 60 | RCA | 11.6W | 65V | 40V | 4.0V | 200 J | 13.7DB | 7.5W | 100MHZ | 28V | 65 | 100UA | 30V |
| | BLY61 | NS 211 | 39 | TIL | 3.5W | 36V | 18V | 4.0V | | 10.0DB | 1.0W | 700MHZ | 13V | 50 | | |
| | BLY62 | NS 962 | 117 | TIL | 11.0W | 36V | 18V | 4.0V | | 7.0DB | 5.0W | 500MHZ | 13V | 60 | | |
| | BLY63 | NS 962 | 117 | TIL | 17.5W | 36V | 18V | 4.0V | | 4.8DB | 15.0W | 500MHZ | 13V | 70 | | |
| | -MM1549 | NS 962 A | | MOT | 7.5W | 60V | 35V | 4.0V | 200 J | 6.2DB | 2.5W | 400MHZ | 28V | 50 | 100UA | 30V |
| | -MM1550 | NS 962 A | | MOT | 15.0W | 60V | 35V | 4.0V | 200 J | 5.7DB | 7.5W | 400MHZ | 28V | 50 | 1MA | 30V |
| | -MM1551 | NS 964 C | | MOT | 30.0W | 60V | 35V | 4.0V | 200 J | 4.6DB | 20.0W | 400MHZ | 28V | 50 | 1MA | 30V |
| | -MM1557 | NS 962 A | | MOT | 15.0W | 65V | 35V | 4.0V | 200 J | 8.4DB | 7.0W | 175MHZ | 28V | 60 | 1MA | 30V |
| | -MM1558 | NS 962 A | | MOT | 30.0W | 65V | 35V | 4.0V | 200 J | 8.2DB | 20.0W | 175MHZ | 28V | 60 | 1MA | 30V |
| | -MM1559 | NS 964 C | | MOT | 60.0W | 65V | 35V | 4.0V | 200 J | 7.6DB | 40.0W | 175MHZ | 28V | 60 | 1MA | 30V |
| | MM1603 | NS 964 C | | MOT | 70.0W | 36V | 18V | 4.0V | 200 J | 4.4DB | 25.0W | 175MHZ | 14V | 50 | 1MA | 15V |
| | MM1619 | NS 964 C | | MOT | 50.0W | 48V | 24V | 4.0V | 200 J | 9.1DB | 25.0W | 50MHZ | 13V | 50 | 1MA | 15V |
| | MM1620 | NS 964 D | | MOT | 100.0W | 48V | 24V | 4.0V | 200 J | 8.2DB | 40.0W | 50MHZ | 13V | 50 | 1MA | 15V |
| | MM4018 | PS 210 | 39 | MOT | 5.0W | 40V | 20V | 4.0V | 200 J | 10.0DB | .5W | 175MHZ | 13V | 45 | 10UA | 15V |
| | MM4019 | PS 210 | 39 | MOT | 5.0W | 60V | 40V | 4.0V | 200 J | 6.0DB | 2.0W | 400MHZ | 28V | 50 | 100UA | 30V |
| | MM4020 | PS 964 E | | MOT | 25.0W | 36V | 18V | 4.0V | 150 J | 11.5DB | 3.5W | 175MHZ | 13V | 50 | 50UA | 15V |
| | MM4021 | PS 964 E | | MOT | 29.0W | 36V | 18V | 4.0V | 150 J | 7.0DB | 15.0W | 175MHZ | 13V | 55 | 100UA | 15V |
| | MM4022 | PS 964 E | | MOT | 70.0W | 36V | 18V | 4.0V | 150 J | 5.5DB | 25.0W | 175MHZ | 13V | 60 | 250UA | 15V |
| | MM4023 | PS 964 E | | MOT | 87.0W | 36V | 18V | 4.0V | 150 J | 4.5DB | 40.0W | 175MHZ | 13V | 50 | 500UA | 15V |
| | MM4429 | NS 964 C | | MOT | 5.0W | 55V | 35V | 3.5V | 200 J | 5.2DB | 1.0W | 1000MHZ | 28V | | | |
| | MM4430 | NS 964 C | | MOT | 5.0W | 55V | 35V | 3.5V | 200 J | 5.0DB | 2.5W | 1000MHZ | 28V | | | |
| | MM8012 | NS 962 E | | MOT | 5.0W | 40V | 30V | 3.5V | 200 J | 11.4DB | | 200MHZ | 15V | | 100UA | 28V |
| | MSA7505 | NS 543 | 60 | FSC | 25.0W | | 65V S | 4.0V | 200 J | 5.6DB | 10.0W | 400MHZ | 28V | 60 | 5MA | 65V |
| | MSA8503 | NS 964 E | | FSC | 80.0W | | 65V S | 4.0V | 200 C | 8.5DB | 50.0W | 175MHZ | 28V | 65 | | |
| | MSA8505 | NS 543 | 60 | FSC | 21.0W | | 65V S | 4.0V | 200 J | 4.6DB | 10.0W | 400MHZ | 28V | 60 | 5MA | 65V |
| | MSA8506 | NS 964 B | | FSC | 50.0W | | 36V S | 4.0V | 200 J | 5.0DB | 25.0W | 175MHZ | 12V | 65 | | |
| | MSA8507 | NS 964 E | | FSC | 22.0W | | 36V S | 4.0V | 200 C | 5.4DB | 12.0W | 175MHZ | 12V | 65 | 1MA | 12V |
| | MSA8508 | NS 964 E | | FSC | 12.0W | | 36V S | 4.0V | 200 C | 8.7DB | 3.0W | 175MHZ | 12V | 65 | 500UA | 12V |
| | MT5763 | NS 964 J | | FSC | 3.0W | 55V | 30V | 3.5V | 175 J | 8.0DB | 1.6W | 1000MHZ | 28V | 55 | | |
| | MT5764 | NS 964 J | | FSC | 5.0W | 55V | 30V | 3.5V | 175 J | 7.0DB | 3.7W | 1000MHZ | 28V | 55 | | |
| | MT5765 | NS 964 J | | FSC | 9.0W | 55V | 30V | 3.5V | 175 J | 7.5DB | 7.0W | 1000MHZ | 28V | 50 | | |
| | SRF1001 | NS 211 | 5 | SOL | | 55V | 30V | 3.5V | | 8.8DB | 1.5W | 175MHZ | 12V | 00 | | |
| | SRF1002 | NS 211 | 5 | SOL | | 60V | 40V | 4.0V | | 7.0DB | 1.0W | 400MHZ | 28V | 00 | | |
| | SRF11101 | NS 211 | 5 | SOL | | 65V | 40V | 4.0V | | 10.0DB | 2.5W | 175MHZ | 28V | 00 | | |
| | SRF12101 | NS 540 | 60 | SOL | | 65V | 40V | 4.0V | | 4.8DB | 6.0W | 400MHZ | 28V | 00 | | |
| | SRF12212 | NS 540 | 60 | SOL | | 40V | 20V | 4.0V | | 8.5DB | 7.0W | 175MHZ | 13V | | | |
| | SRF12213 | NS 540 | 60 | SOL | | 40V | 20V | 4.0V | | 6.2DB | 7.5W | 175MHZ | 14V | 00 | | |
| | SRF13113 | NS 905 B | | SOL | | 60V | 40V | 4.0V | | 9.0DB | 10.0W | 175MHZ | 28V | 00 | | |
| | SRF13122 | NS 905 B | | SOL | | 65V | 40V | 4.0V | | 3.7DB | 3.5W | 400MHZ | 28V | 00 | | |
| | SRF13123 | NS 905 B | | SOL | | 60V | 40V | 4.0V | | 6.3DB | 6.5W | 400MHZ | 28V | 00 | | |
| | SRF13212 | NS 905 B | | SOL | | 40V | 20V | 3.0V | | 7.4DB | 12.0W | 175MHZ | 14V | 00 | | |
| | SRF13213 | NS 905 B | | SOL | | 30V | 18V | 3.0V | | 6.4DB | 7.0W | 175MHZ | 14V | 00 | | |
| | SRF21140 | NS 540 | 60 | SOL | | 40V | 20V | 3.0V | | 11.0DB | 1.3W | 200MHZ | 28V | 00 | | |
| | SRF23121 | NS 905 B | | SOL | | 60V | 35V | 4.0V | | 8.7DB | 1.1W | 400MHZ | 28V | 00 | | |
| | SRF23211 | NS 905 B | | SOL | | 35V | 20V | 4.0V | | 9.2DB | 1.0W | 175MHZ | 14V | 00 | | |
| | SRF32214 | NS 540 | 60 | SOL | | 40V | 20V | 4.0V | | 7.0DB | 15.0W | 175MHZ | 13V | | | |
| | SRF52101 | NS 540 | 60 | SOL | | 65V | 40V | 4.0V | | 7.0DB | 15.0W | 175MHZ | 28V | 00 | | |
| | SRF52214 | NS 540 | 60 | SOL | | 30V | 18V | 3.0V | | 6.2DB | 13.2W | 175MHZ | 12V | 00 | | |
| | SRF53104 | NS 905 B | | SOL | | 70V | 35V | 3.5V | | 10.0DB | 10.0W | 175MHZ | 28V | 00 | | |

## RF POWER TRANSISTORS

| Obsolete | Transistor Type No. | Description | JEDEC (TO) | Manufacturers | ABSOLUTE MAXIMUMS | | | | | RF OPERATION | | | | η (%) | Cutoff |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Power | $V_{CB}$ | $V_{CE}$ | $V_{EB}$ | Temp. (°C) Cond. | $G_{pe}$ | $P_{OUT}$ | Freq. | $V_{CC}$ | | $I_{CBO}$ @ $V_{CB}$ |
| | SRF53114 | NS 905 B | | SOL | | 60V | 40V | 4.0V | | 7.6DB | 20.0W | 175MHZ | 28V | 00 | |
| | SRF53215 | NS 905 B | | SOL | | 30V | 18V | 3.0V | | 6.0DB | 20.0W | 175MHZ | 14V | 00 | |
| | SRF54215 | NS 964 D | | SOL | | 30V | 18V | 3.0V | | 6.0DB | 20.0W | 175MHZ | 14V | 00 | |
| | V575 | NS 967 B | | NEC | 7.5W | 40V | 20V | 3.0V | 175 J | 3.0DB | 1.3W | 2300MHZ | 18V | | 100UA 20V |
| | V643 | NS 967 B | | NEC | 3.8W | 40V | 20V | 3.0V | 175 J | 4.5DB | .7W | 2300MHZ | 18V | | 50UA 20V |
| | XB401 | NS 211 | 39 | TIL | 7.0W | 60V | 40V | 4.0V | | 7.9DB | 2.5W | 350MHZ | 28V | 50 | |
| | XB404 | NS 543 | 60 | TIL | 23.0W | 60V | 40V | 4.0V | | 7.0DB | 10.0W | 350MHZ | 28V | 70 | |
| | XB408 | NS 543 | 60 | TIL | 30.0W | 65V | 40V | 4.0V | | 4.4DB | 25.0W | 350MHZ | 28V | 65 | |
| | XB433 | NS 961 | 131 | TIL | 7.0W | 36V | 18V | 4.0V | | 7.0DB | .5W | 900MHZ | 13V | 45 | |
| | XB434 | NS 962 | 117 | TIL | 3.0W | 36V | 18V | 4.0V | | 5.7DB | 1.5W | 900MHZ | 13V | 70 | |
| | XB435 | NS 962 | 117 | TIL | 8.0W | 36V | 18V | 4.0V | | 6.0DB | 2.0W | 900MHZ | 13V | 70 | |
| | XB436 | NS 962 | 117 | TIL | 11.0W | 36V | 18V | 4.0V | | 5.5DB | 7.0W | 900MHZ | 13V | 85 | |
| | XB437 | NS 962 | 117 | TIL | 20.0W | 36V | 18V | 4.0V | | 4.8DB | 12.0W | 900MHZ | 13V | 85 | |
| | XB473 | NS 961 | 131 | TIL | 3.0W | 55V | 30V | 4.0V | | 8.8DB | .8W | 900MHZ | 28V | 45 | |
| | XB474 | NS 962 | 117 | TIL | 3.0W | 55V | 30V | 4.0V | | 5.7DB | 1.5W | 900MHZ | 28V | 60 | |
| | XB475 | NS 962 | 117 | TIL | 11.0W | 60V | 30V | 4.0V | | 5.2DB | 5.0W | 900MHZ | 28V | 70 | |
| | XB476 | NS 962 | 117 | TIL | 25.0W | 60V | 30V | 4.0V | | 4.8DB | 15.0W | 900MHZ | 28V | 70 | |

# KEY TO MANUFACTURERS

**AEI**—Associated Electrical Industries (England)
**AMC**—Amelco Semiconductor Division, Teledyne, Inc.
**AMF**—American Machine & Foundry Co., Leland Airborne Products Div.
**AMP**—Amperex Electronics Corp.
**BEN**—Bendix Corp., Semiconductor Div.
**CBS**—CBS Electronics
**CLE**—Clevite Transistor Corp.
**CRY**—Crystalonics
**CSF**—Compagnie Generale de T.S.F. (France)
**DEL**—Delco Radio Div., General Motors Corp.
**EBA**—Ebauches S.A. (Switzerland)
**ETC**—Electronics Transistor Corp.
**FSC**—Fairchild Semiconductor Div., Fairchild Camera and Instrument Corp.
**GEC**—General Electric Co., Semiconductor Products Dept.
**GIC**—General Instrument Corp., Semiconductor Products Group
**GTC**—General Transistor Corp.
**HIT**—Hitachi Ltd. (Japan)
**HUG**—Hughes Aircraft Co., Microelectronics Div.
**IMG**—Intermetall (Germany)
**INR**—International Rectifier
**ITC**—Industro Transistor Corp.
**ITT**—ITT Semiconductors
**KEL**—Kyodo Electronic Laboratories, Inc. (Japan)
**KER**—Kertron, Inc.
**KSC**—KSC Semiconductor Corp.
**MAT**—Matsushita Electronics Corp. (Japan)
**MHR**—Honeywell, Military Products Group
**MOT**—Motorola Semiconductor Products, Inc.
**MUL**—Mullard Overseas Ltd. (England)
**NEC**—Nippon Electric Co. Ltd. (Japan)
**NKT**—Newmarket Transistors Ltd. (England)
**NSC**—National Semiconductor Corp.
**OKI**—OKI Electric Industry Co., Ltd. (Japan)
**PHF**—Philco-Ford Corp.
**PHL**—Philco
**PHN**—Philips Gloeamperfabrieken (Netherlands)
**RAD**—La Radiotechnique (France)
**RAY**—Raytheon Co., Semiconductor Div.
**RCA**—Radio Corporation of America, Electronic Components & Devices
**SAN**—Tokyo Sanyo Electric Co., Ltd. (Japan)
**SEJ**—Shindengen Electric Manufacturing Co., Ltd. (Japan)
**SEM**—Semitronics Corp.
**SEN**—Sensitron Semiconductor
**SES**—Societe Europienne des Semiconducteurs (France)
**SIH**—Siemens and Halske Aktiengesellschaft (Germany)
**SOL**—Solitron Devices, Inc.
**SON**—Sony Corp. (Japan)
**SPC**—Solid Power Corp.
**SPR**—Sprague Products Co.
**SSD**—Sperry Semiconductor
**SSP**—Solid State Products, Inc.
**STC**—Silicon Transistor Corp.
**SYL**—Sylvania Electric Products Inc., Semiconductor Div.
**TAD**—Tadiran (Israel)
**TEC**—Transitron Electronic Corp.
**TFK**—Telefunken Gmbh. (Germany)
**TII**—Texas Instruments, Inc.
**TIL**—Texas Instruments Ltd. (England)
**TOS**—Toshiba America, Inc.
**TRW**—TRW Semiconductors, Inc.
**TSE**—Tung-Sol Electric, Inc.
**WHE**—Westinghouse Electric Corp., Semiconductor Div.
**WTV**—Workman Electronic Products, Inc.

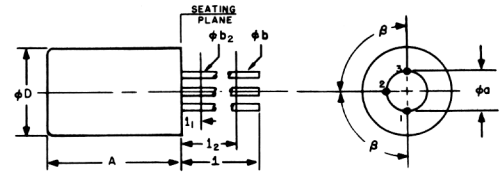
# Registered Transistor Outlines

The outlines in this section have been registered and assigned a JEDEC outline number—a TO designation that indicates the semiconductor device has more than two terminals. (Two-terminal devices are assigned DO numbers.) The TO outline provides only the physical shape and dimensions of a semiconductor device. It does not indicate any electrical characteristics, such as base, emitter, collector. Terminal identification for transistors in this manual are to be found in the Lead and Terminal Identification section. For additional information relating to outline drawings, refer to Transistor Outlines.

The gaps in the numerical sequence of TO numbers are due to the fact that there are no outlines for TO-4, TO-19, TO-20, TO-21, TO-34, and TO-35.

**The TO outline drawings and the related information in this section are reproduced through the courtesy of the Electronic Industries Association (EIA) and the Joint Electron Device Engineering Council (JEDEC).**

## TO 1



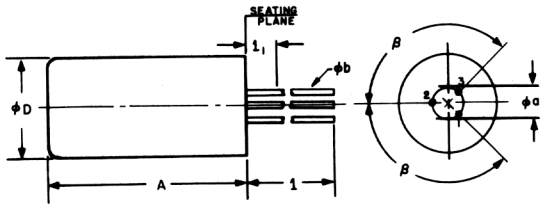

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| ϕa | .061 | .081 | 1.55 | 2.06 | |
| A | | .410 | | 10.41 | |
| ϕb | | .021 | | .533 | 1 |
| $\phi b_2$ | .016 | .019 | .406 | .483 | 1 |
| ϕD | | .240 | | 6.10 | |
| l | 1.500 | | 38.10 | | 1 |
| $l_1$ | | .050 | | 1.27 | |
| $l_2$ | .250 | | 6.35 | | 1 |
| β | 90° NOMINAL | | | | |

NOTES:

1. (THREE LEADS) $\phi b_2$ APPLIES BETWEEN $l_1$ AND $l_2$. ϕb APPLIES BETWEEN $l_2$ AND 1.5" (38.10 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN $l_1$ AND BEYOND 1.5" (38.10 MM) FROM SEATING PLANE.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

## TO 2



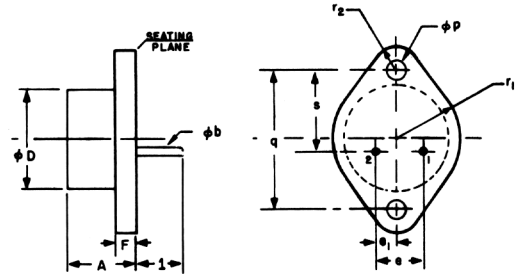

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| ϕa | .028 | .035 | .711 | .889 | |
| A | | .255 | | 6.48 | |
| ϕb | .012 | .014 | .305 | .356 | 2 |
| ϕD | | .135 | | 3.43 | |
| l | 1.500 | | 38.10 | | 2 |
| $l_1$ | | .080 | | 2.03 | 1, 2 |
| β | 120° NOMINAL | | | | |

NOTES:

1. INSULATION RUNDOWN.
2. THREE LEADS.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

## TO 3



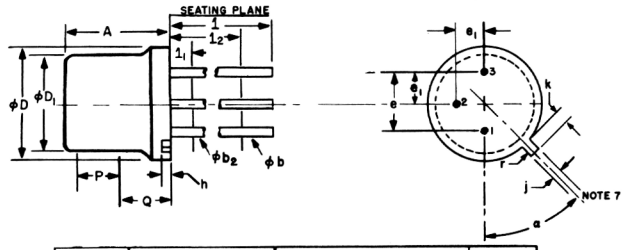

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .250 | .450 | 6.35 | 11.43 | |
| ϕb | .038 | .043 | .97 | 1.09 | 2 |
| ϕD | | .875 | | 22.23 | |
| e | .420 | .440 | 10.67 | 11.18 | |
| $e_1$ | .205 | .225 | 5.21 | 5.72 | |
| F | | .135 | | 3.43 | |
| l | .312 | | 7.92 | | 2 |
| ϕp | .151 | .161 | 3.84 | 4.09 | |
| q | 1.177 | 1.197 | 29.90 | 30.40 | |
| $r_1$ | | .525 | | 13.34 | |
| $r_2$ | | .188 | | 4.78 | |
| s | .655 | .675 | 16.64 | 17.15 | 1 |

NOTES:

1. THESE DIMENSIONS SHOULD BE MEASURED AT POINTS .050" (1.27 MM) TO .055" (1.40 MM) BELOW SEATING PLANE. WHEN GAGE IS NOT USED, MEASUREMENT WILL BE MADE AT SEATING PLANE.
2. TWO LEADS.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION

## TO 5

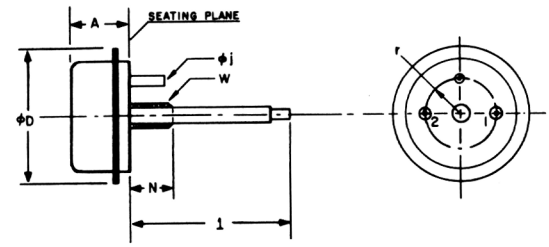



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .240 | .260 | 6.10 | 6.60 | |
| $\phi b$ | .016 | .021 | .406 | .533 | 2 |
| $\phi b_2$ | .016 | .019 | .406 | .483 | 2 |
| $\phi D$ | .335 | .370 | 8.51 | 9.40 | |
| $\phi D_1$ | .305 | .335 | 7.75 | 8.51 | |
| e | .200 T.P. | | 5.08 T.P. | | 4, 5 |
| $e_1$ | .100 T.P. | | 2.54 T.P. | | 5 |
| h | .009 | .125 | .229 | 3.18 | |
| j | .028 | .034 | .711 | .864 | 5 |
| k | .029 | .045 | .737 | 1.14 | 3, 5 |
| 1 | 1.500 | | 38.10 | | 2 |
| $1_1$ | | .050 | | 1.27 | 2 |
| $1_2$ | .250 | | 6.35 | | 2 |
| P | .100 | | 2.54 | | 1 |
| Q | | | | | 6 |
| r | | .007 | | .179 | |
| a | 45° T.P. | | | | 5, 7 |

NOTES:

1. THIS ZONE IS CONTROLLED FOR AUTOMATIC HANDLING. THE VARIATION IN ACTUAL DIAMETER WITHIN THE ZONE SHALL NOT EXCEED .010" (.254 MM).
2. (THREE LEADS) $\phi b_2$ APPLIES BETWEEN $1_1$ AND $1_2$. $\phi b$ APPLIES BETWEEN $1_2$ AND 1.5" (38.10 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN $1_1$ AND BEYOND 1.5" (38.10 MM) FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE ACTUAL DEVICE.
4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE DEVICE SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITIONS RELATIVE TO THE MAXIMUM-WIDTH TAB.
5. THE DEVICE MAY BE MEASURED BY DIRECT METHODS OR BY THE GAGE AND GAGING PROCEDURE DESCRIBED ON GAGE DRAWING GS-1.
6. DETAILS OF OUTLINE IN THIS ZONE OPTIONAL.
7. TAB CENTERLINE.

## TO 6



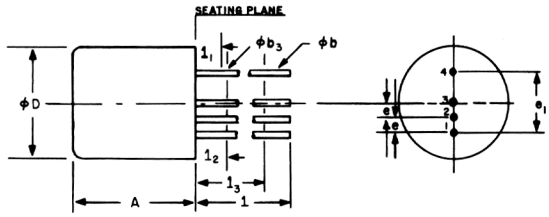

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | | .625 | | 15.88 | |
| $\phi D$ | | 1.188 | | 30.18 | |
| 1 | 1.625 | | 41.28 | | |
| $\phi j$ | .120 NOMINAL | | 3.05 NOMINAL | | 1 |
| N | .438 NOMINAL | | 11.13 NOMINAL | | |
| r | .345 NOMINAL | | 8.76 NOMINAL | | |
| W | | | | | 2 |

NOTES:

1. INSULATED LOCATOR PIN.
2. 10-32 UNF-2A. MAXIMUM PITCH DIAMETER OF PLATED THREADS SHALL BE BASIC PITCH DIAMETER .1697" (4.31 MM) REFERENCE (SCREW THREAD STANDARDS FOR FEDERAL SERVICES 1957) HANDBOOK H28 1957 P1.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

## TO 7



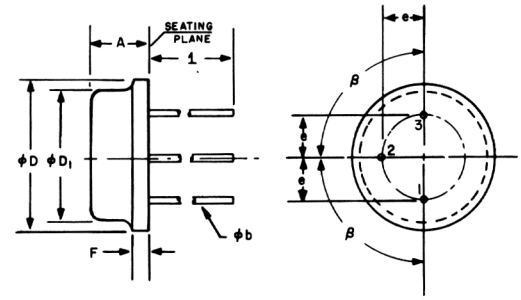

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | | .375 | | 9.53 | |
| $\phi b$ | .016 | .021 | .406 | .533 | 2 |
| $\phi b_3$ | .016 | .019 | .406 | .483 | 2 |
| $\phi D$ | | .360 | | 9.14 | |
| e | .041 | .055 | 1.04 | 1.40 | |
| $e_1$ | .185 | .199 | 4.70 | 5.05 | |
| 1 | 1.500 | | 38.10 | | |
| $1_1$ | | .050 | | 1.27 | 2 |
| $1_2$ | | .080 | | 2.03 | 1, 2 |
| $1_3$ | .250 | | 6.35 | | 2 |

NOTES:

1. EXTERNALLY COATED DEVICES SHALL NOT HAVE COATING ON THE LEADS BEYOND THIS ZONE.
2. (FOUR LEADS) $\phi b_3$ APPLIES BETWEEN $1_1$ AND $1_3$. $\phi b$ APPLIES BETWEEN $1_3$ AND 1.5" (38.10 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN $1_1$ AND BEYOND 1.5" (38.10 MM) FROM SEATING PLANE.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR

## TO 8



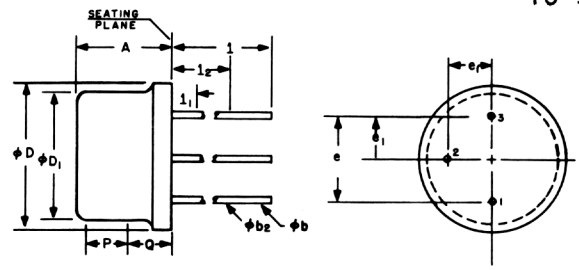

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .270 | .330 | 6.86 | 8.38 | |
| $\phi b$ | .027 | .033 | .686 | .838 | 1 |
| $\phi D$ | .550 | .650 | 13.97 | 16.51 | |
| $\phi D_1$ | .444 | .524 | 11.28 | 13.31 | |
| e | .136 | .146 | 3.45 | 3.71 | |
| F | | .115 | | 2.92 | |
| 1 | .360 | .440 | 9.14 | 11.18 | 1 |
| $\beta$ | 90° NOMINAL | | | | |

NOTES:

1. THREE LEADS.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION

## TO 9

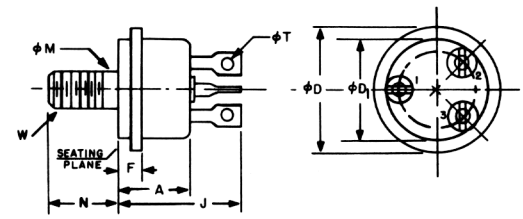



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .200 | .260 | 5.08 | 6.60 | |
| $\phi b$ | .016 | .021 | .406 | .533 | 2 |
| $\phi b_2$ | .016 | .019 | .406 | .483 | 2 |
| $\phi D$ | .290 | .370 | 7.37 | 9.40 | |
| $\phi D_1$ | .275 | .335 | 6.99 | 8.51 | |
| e | .200 T.P. | | 5.08 T.P. | | 3 |
| $e_1$ | .100 T.P. | | 2.54 T.P. | | |
| 1 | .500 | | 12.70 | | |
| $1_1$ | | .050 | | 1.27 | |
| $1_2$ | .250 | | 6.35 | | |
| P | .065 | | 1.65 | | 1 |
| Q | | .155 | | 3.94 | 4 |

NOTES:

1. THE VARIATION IN ACTUAL DIAMETER WITHIN THIS ZONE SHALL NOT EXCEED .010" (.254 MM).
2. (THREE LEADS) $\phi b_2$ APPLIES BETWEEN $1_1$ AND $1_2$. $\phi b$ APPLIES BETWEEN $1_2$ AND .5" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN $1_1$ AND BEYOND .5" (12.70 MM) FROM SEATING PLANE.
3. LEADS HAVING A MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN A GAGING PLANE OF .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE DEVICE SHALL BE WITHIN .007" (1.78 MM) OF THEIR TRUE POSITIONS (T.P.).
4. DETAILS OF OUTLINE IN THIS ZONE OPTIONAL.

## TO 10



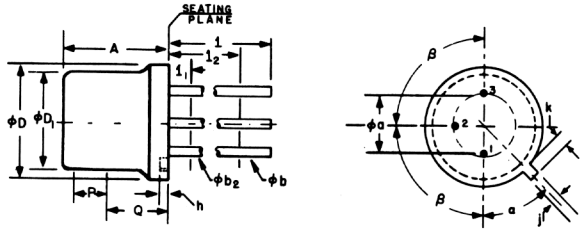

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .290 | .440 | 7.37 | 11.18 | |
| $\phi D$ | | .650 | | 16.51 | |
| $\phi D_1$ | .410 | .560 | 10.41 | 14.22 | |
| F | .060 | .330 | 1.52 | 8.38 | |
| J | | .650 | | 16.51 | |
| $\phi M$ | .163 | .189 | 4.14 | 4.80 | 3 |
| N | .335 | .375 | 8.51 | 9.53 | |
| $\phi T$ | .040 | | 1.02 | | 1 |
| W | | | | | 2, 3 |

NOTES:

1. ANGULAR ORIENTATION OF INDIVIDUAL SOLDERED TERMINALS IS UNDEFINED.
2. 10-32 UNF-2A. MAXIMUM PITCH DIAMETER OF PLATED THREADS SHALL BE BASIC PITCH DIAMETER .1697" (4.31 MM) REFERENCE (SCREW THREAD STANDARDS FOR FEDERAL SERVICES 1957) HANDBOOK H28 1957 P1.
3. COMPLETE THREADS SHALL EXTEND TO WITHIN 2-1/2 THREADS OF THE SEATING PLANE.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

## TO 11

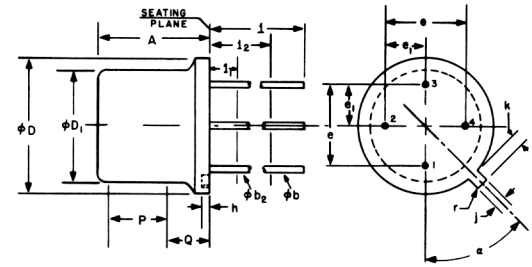



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| $\phi a$ | .190 | .210 | 4.83 | 5.33 | |
| A | .360 | .390 | 9.14 | 9.91 | |
| $\phi b$ | .016 | .021 | .406 | .533 | 2 |
| $\phi b_2$ | .016 | .019 | .406 | .483 | 2 |
| $\phi D$ | | .370 | | 9.40 | |
| $\phi D_1$ | .305 | .335 | 7.75 | 8.51 | |
| h | .009 | .125 | .229 | 3.18 | |
| j | .028 | .034 | .711 | .864 | |
| k | .029 | | .737 | | 3 |
| 1 | 1.500 | | 38.10 | | 2 |
| $1_1$ | | .050 | | 1.27 | 2 |
| $1_2$ | .250 | | 6.35 | | 2 |
| P | .200 | | 5.08 | | 1 |
| Q | | | | | 4 |
| $\alpha$ | 45° NOMINAL | | | | |
| $\beta$ | 90° NOMINAL | | | | |

NOTES:

1. THIS ZONE IS CONTROLLED FOR AUTOMATIC HANDLING. THE VARIATION IN ACTUAL DIAMETER WITHIN THIS ZONE SHALL NOT EXCEED .010" (.254 MM).
2. (THREE LEADS) $\phi b_2$ APPLIES BETWEEN $1_1$ AND $1_2$. $\phi b$ APPLIES BETWEEN $1_2$ AND 1.5" (38.10 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN $1_1$ AND BEYOND 1.5" (38.10 MM) FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE ACTUAL DEVICE.
4. DETAILS OF OUTLINE IN THIS ZONE OPTIONAL.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

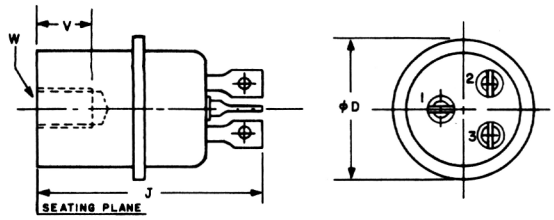



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .240 | .260 | 6.10 | 6.60 | |
| $\phi b$ | .016 | .021 | .406 | .533 | 2 |
| $\phi b_2$ | .016 | .019 | .406 | .483 | 2 |
| $\phi D$ | .335 | .370 | 8.51 | 9.40 | |
| $\phi D_1$ | .305 | .335 | 7.75 | 8.51 | |
| e | .200 T.P. | | 5.08 T.P. | | 4, 5 |
| $e_1$ | .100 T.P. | | 2.54 T.P. | | 5 |
| h | .009 | .125 | .229 | 3.18 | |
| j | .028 | .034 | .711 | .864 | 5 |
| k | .029 | .045 | .737 | 1.14 | 3, 5 |
| 1 | .500 | | 12.70 | | 2 |
| $1_1$ | | .050 | | 1.27 | 2 |
| $1_2$ | .250 | | 6.35 | | 2 |
| P | .100 | | 2.54 | | 1 |
| Q | | | | | 6 |
| r | | .007 | | .178 | |
| $\alpha$ | 45° T.P. | | | | 5, 7 |

NOTES:

1. THIS ZONE IS UNCONTROLLED FOR AUTOMATIC HANDLING. THE VARIATION IN ACTUAL DIAMETER WITHIN THIS ZONE SHALL NOT EXCEED .010" (.254 MM).
2. (FOUR LEADS) $\phi b_2$ APPLIES BETWEEN $1_1$ AND $1_2$. $\phi b$ APPLIES BETWEEN $1_2$ AND .5" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN $1_1$ AND BEYOND .5" (12.70 MM) FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE ACTUAL DEVICE.
4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN A GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE DEVICE SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITIONS RELATIVE TO THE MAXIMUM-WIDTH TAB.
5. THE DEVICE MAY BE MEASURED BY DIRECT METHODS OR BY THE GAGE AND GAGING PROCEDURE DESCRIBED ON GAGE DRAWING GS-1.
6. DETAILS OF OUTLINE IN THIS ZONE OPTIONAL.
7. TAB CENTERLINE.

## TO 13



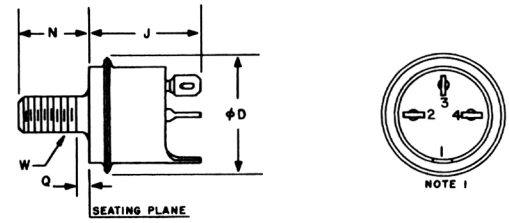

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| ØD | | .650 | | 16.51 | |
| J | | 1.040 | | 26.42 | |
| V | .250 | | 6.35 | | |
| W | | | | | 1 |

NOTES:

1. 1/4-28 UNF-2B.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

## TO 14



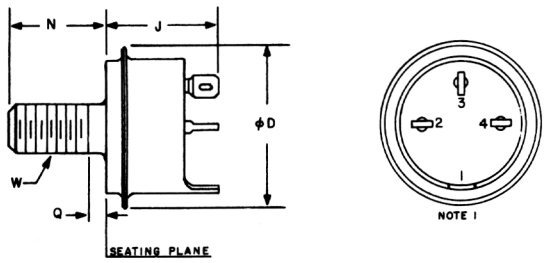

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| ØD | | .650 | | 16.51 | |
| J | | .650 | | 16.51 | |
| N | .335 | .375 | 8.51 | 9.53 | |
| Q | | .080 | | 2.03 | |
| W | | | | | 2 |

NOTES:

1. TERMINALS MAY BE REFERRED TO BY NUMBER AS FOLLOWS: TERMINAL NO. 1 IS THE ODD TERMINAL AND CONNECTED TO THE CASE. OTHER TERMINALS ARE NUMBERED CLOCKWISE FROM NO. 1.
2. 10-32 UNF-2A. MAXIMUM PITCH DIAMETER OF PLATED THREADS SHALL BE BASIC PITCH DIAMETER .1697" (4.31 MM) REFERENCE (SCREW THREAD STANDARDS FOR FEDERAL SERVICES 1957) HANDBOOK H28 1957 P1.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

## TO 15



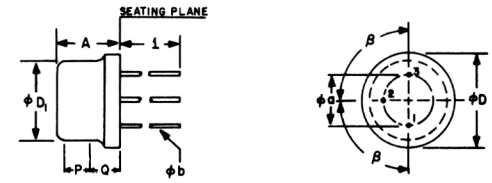

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| ØD | | .850 | | 21.59 | |
| J | | .650 | | 16.51 | |
| N | .460 | .500 | 11.68 | 12.70 | |
| Q | | .100 | | 2.54 | |
| W | | | | | 2 |

NOTES:

1. TERMINALS MAY BE REFERRED TO BY NUMBER AS FOLLOWS: TERMINAL NO. 1 IS THE ODD TERMINAL AND CONNECTED TO THE CASE. OTHER TERMINALS ARE NUMBERED CLOCKWISE FROM NO. 1.
2. 1/4-28 UNF-2A. MAXIMUM PITCH DIAMETER OF PLATED THREADS SHALL BE BASIC PITCH DIAMETER .2268" (5.76 MM) REFERENCE (SCREW THREAD STANDARDS FOR FEDERAL SERVICES 1957) HANDBOOK H28 P1.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION

## TO 16



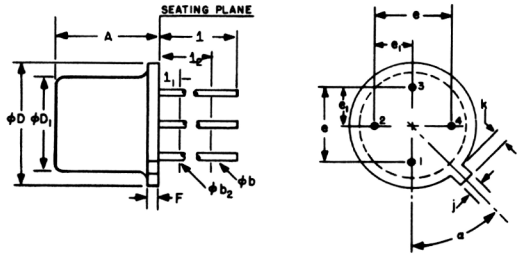

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| Øa | .190 | .210 | 4.83 | 5.33 | |
| A | .200 | .260 | 5.08 | 6.60 | |
| Øb | .016 | .019 | .406 | .483 | 2 |
| ØD | .370 NOMINAL | | 9.40 NOMINAL | | |
| ØD1 | .275 | .335 | 6.99 | 8.51 | |
| 1 | .500 | | 12.70 | | |
| P | .100 | | 2.54 | | 1 |
| Q | | | | | 3 |
| β | 90° NOMINAL | | | | |

NOTES:

1. THIS ZONE IS CONTROLLED FOR AUTOMATIC HANDLING. THE VARIATION IN ACTUAL DIAMETER WITHIN THIS ZONE SHALL NOT EXCEED .010" (.254 MM).
2. THE SPECIFIED LEAD DIAMETER APPLIES IN THE ZONE BETWEEN .050" (1.27 MM) AND .250" (6.35 MM) FROM THE SEATING PLANE BETWEEN .250" (6.35 MM) AND .500" (12.70 MM) MAXIMUM OF .021" (.533 MM) DIAMETER IS HELD. OUTSIDE OF THESE ZONES THE LEAD DIAMETER IS NOT CONTROLLED.
3. DETAILS OF OUTLINE IN THIS ZONE OPTIONAL.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

## TO 17

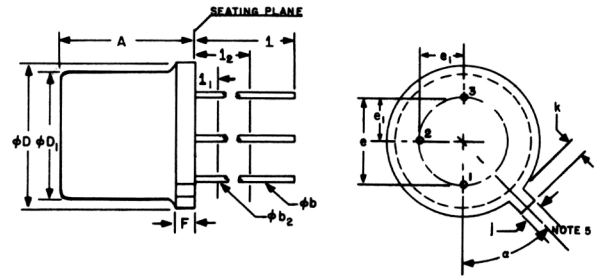



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .165 | .210 | 4.19 | 5.33 | |
| $\phi b$ | .016 | .021 | .406 | .533 | 1 |
| $\phi b_2$ | .016 | .019 | .406 | .483 | 1 |
| $\phi D$ | .185 | .215 | 4.70 | 5.46 | |
| $\phi D_1$ | .150 | .168 | 3.81 | 4.27 | |
| e | .071 T.P. | | 1.80 T.P. | | 2 |
| $e_1$ | .036 T.P. | | .914 T.P. | | |
| F | | .030 | | .762 | |
| j | .030 | .045 | .762 | 1.14 | |
| k | .028 | .048 | .711 | 1.22 | 4 |
| l | .500 | | 12.70 | | 1 |
| $l_1$ | | .050 | | 1.27 | 1 |
| $l_2$ | .250 | | 6.35 | | 1 |
| a | 45° T.P. | | | | 3 |

NOTES:

1. (FOUR LEADS) $\phi b_2$ APPLIES BETWEEN $l_1$ AND $l_2$. $\phi b$ APPLIES BETWEEN $l_2$ AND .5" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN $l_1$ AND BEYOND .5" (12.70 MM) FROM SEATING PLANE.
2. LEADS HAVING MAXIMUM DIAMETERS .019" (.483 MM) MEASURED AT A GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE DEVICE SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITIONS RELATIVE TO A MAXIMUM-WIDTH TAB AND TO THE .215" (5.46 MM) DIAMETER.
3. TAB CENTERLINE. INDEX TAB FOR VISUAL ORIENTATION ONLY.
4. MEASURED FROM MAXIMUM DIAMETER OF ACTUAL DEVICE.

## TO 18

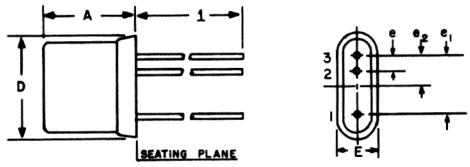



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .170 | .210 | 4.32 | 5.33 | |
| $\phi b$ | .016 | .021 | .406 | .533 | 1 |
| $\phi b_2$ | .016 | .019 | .406 | .483 | 1 |
| $\phi D$ | .209 | .230 | 5.31 | 5.84 | |
| $\phi D_1$ | .178 | .195 | 4.52 | 4.95 | |
| e | .100 T.P. | | 2.54 T.P. | | 2, 4 |
| $e_1$ | .050 T.P. | | 1.27 T.P. | | 2, 4 |
| F | | .030 | | .762 | |
| j | .036 | .046 | .914 | 1.17 | 4 |
| k | .028 | .048 | .711 | 1.22 | 3 |
| l | .500 | | 12.70 | | 1 |
| $l_1$ | | .050 | | 1.27 | 1 |
| $l_2$ | .250 | | 6.35 | | 1 |
| a | 45° T.P. | | | | 5 |

NOTES:

1. (THREE LEADS) $\phi b_2$ APPLIES BETWEEN $l_1$ AND $l_2$. $\phi b$ APPLIES BETWEEN $l_2$ AND .5" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN $l_1$ AND BEYOND .5" (12.70 MM) FROM SEATING PLANE.
2. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE DEVICE SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITIONS RELATIVE TO A MAXIMUM-WIDTH TAB.
3. MEASURED FROM MAXIMUM DIAMETER OF THE ACTUAL DEVICE.
4. THE DEVICE MAY BE MEASURED BY DIRECT METHODS OR BY THE GAGE AND GAGING PROCEDURE DESCRIBED ON GAGE DRAWING GS-2.
5. TAB CENTERLINE.

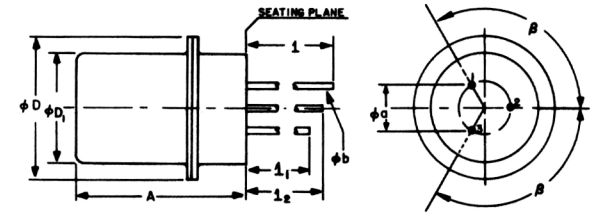
## TO 22




| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | | .320 | | 8.13 | |
| D | | .340 | | 8.64 | |
| e | .041 | .055 | 1.04 | 1.40 | |
| $e_1$ | .185 | .199 | 4.70 | 5.05 | |
| E | | .190 | | 4.83 | |
| l | 1.500 | | 38.10 | | |
| Q | .089 | .103 | 2.26 | 2.62 | |

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

## TO 23



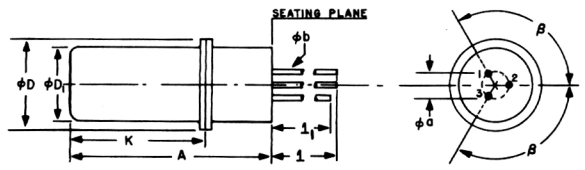

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| $\phi a$ | .052 NOMINAL | | 1.32 NOMINAL | | |
| A | | .180 | | 4.57 | |
| $\phi b$ | .013 NOMINAL | | .330 NOMINAL | | 1 |
| $\phi D$ | | .140 | | 3.56 | |
| $\phi D_1$ | | .115 | | 2.92 | |
| 1 | 1.615 | 1.645 | 41.02 | 41.78 | 1 |
| $l_1$ | 1.490 | 1.520 | 37.85 | 38.61 | 1 |
| $l_2$ | 1.552 | 1.582 | 39.42 | 40.18 | 1 |
| $\beta$ | 120° NOMINAL | | | | |

NOTES:

1. THREE LEADS.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

## TO 24



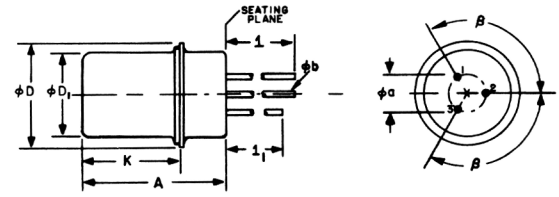

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| ϕa | .070 NOMINAL | | 1.79 NOMINAL | | |
| A | .425 | .475 | 10.80 | 12.07 | |
| ϕb | .016 NOMINAL | | .406 NOMINAL | | 1 |
| ϕD | .195 | .225 | 4.95 | 5.72 | |
| $\phi D_1$ | .161 | .179 | 4.09 | 4.55 | |
| K | .285 | .315 | 7.24 | 8.00 | |
| 1 | 1.500 | 1.687 | 38.10 | 42.85 | 1, 2 |
| $1_1$ | 1.450 | 1.637 | 36.83 | 41.58 | 1, 2 |
| β | 120° NOMINAL | | | | |

NOTES:

1. THREE LEADS.
2. THE MINIMUM DIFFERENCE BETWEEN 1 AND $1_1$ SHALL BE .062" (1.57 MM).

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

## TO 25



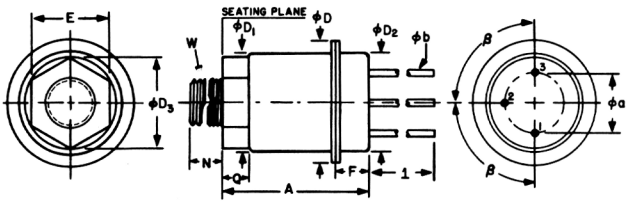

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| ϕa | .156 NOMINAL | | 3.96 NOMINAL | | |
| A | | .470 | | 11.94 | |
| ϕb | .020 NOMINAL | | .508 NOMINAL | | 1 |
| ϕD | | .330 | | 8.38 | |
| $\phi D_1$ | | .280 | | 7.11 | |
| K | | .295 | | 7.49 | |
| 1 | 1.500 | | 38.10 | | 1, 2 |
| $1_1$ | 1.438 | | 36.53 | | 1, 2 |
| β | 120° NOMINAL | | | | |

NOTES:

1. THREE LEADS.
2. THE MINIMUM DIFFERENCE BETWEEN 1 AND $1_1$ SHALL BE .062" (1.57 MM).

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

## TO 26



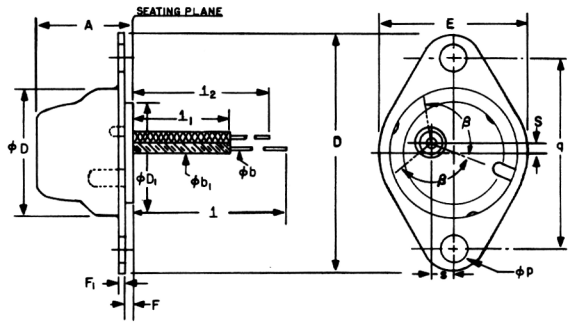

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| ϕa | | .200 | | 5.08 | |
| A | .480 | .510 | 12.19 | 12.95 | |
| ϕb | .016 | .019 | .406 | .482 | 2 |
| ϕD | .360 | .370 | 9.14 | 9.40 | |
| $\phi D_1$ | .295 | .305 | 7.49 | 7.75 | |
| $\phi D_2$ | .290 | .310 | 7.37 | 7.87 | |
| $\phi D_3$ | | .289 | | 7.34 | |
| E | | .250 | | 6.35 | |
| F | .110 | .130 | 2.79 | 3.30 | |
| 1 | 1.500 | 1.688 | 38.10 | 42.88 | 2 |
| N | | .375 | | 9.53 | |
| Q | .105 | .115 | 2.67 | 2.92 | |
| W | | | | | 1 |
| β | 90° NOMINAL | | | | |

NOTES:

1. 8-32 UNF-2A.
2. THREE LEADS.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

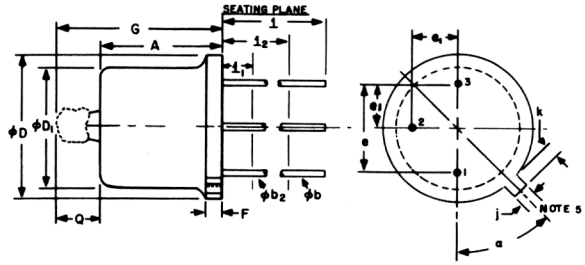
## TO 27




| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | | .510 | | 12.95 | |
| ϕb | .016 NOMINAL | | .406 NOMINAL | | |
| $\phi b_1$ | | .065 | | 1.65 | |
| ØD | | .875 | | 22.23 | |
| $\phi D_1$ | | .625 | | 15.88 | |
| D | | 1.625 | | 41.28 | |
| E | | 1.125 | | 28.58 | |
| F | .040 | | 1.02 | | |
| $F_1$ | .030 NOMINAL | | .762 NOMINAL | | |
| 1 | 1.500 | | 38.10 | | |
| $1_1$ | .750 | | 19.05 | | |
| $1_2$ | 1.420 | | 36.07 | | |
| $\phi p$ | .156 NOMINAL | | 3.96 NOMINAL | | |
| q | 1.187 NOMINAL | | 30.15 NOMINAL | | |
| S | .049 NOMINAL | | 1.24 NOMINAL | | |
| s | .135 NOMINAL | | 3.43 NOMINAL | | |
| β | 120° NOMINAL | | | | |

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

## TO 28

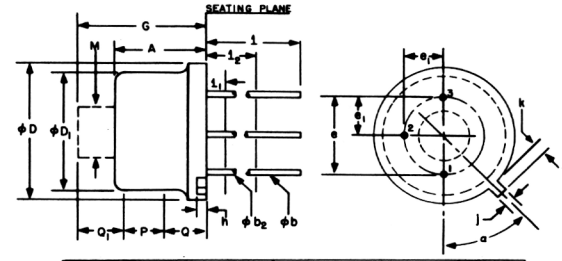



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .170 | .210 | 4.32 | 5.33 | |
| $\phi b$ | .016 | .021 | .406 | .533 | 2 |
| $\phi b_2$ | .016 | .019 | .406 | .483 | 2 |
| $\phi D$ | .209 | .230 | 5.31 | 5.84 | |
| $\phi D_1$ | .178 | .195 | 4.52 | 4.95 | |
| e | .100 T.P. | | 2.54 T.P. | | 1 |
| $e_1$ | .050 T.P. | | 1.27 T.P. | | 1 |
| F | | .030 | | .762 | |
| G | | .350 | | 8.89 | |
| j | .036 | .046 | .914 | 1.17 | 1 |
| k | .028 | .048 | .711 | 1.22 | 1, 3 |
| l | 1.500 | | 38.10 | | 2 |
| $l_1$ | | .050 | | 1.27 | 2 |
| $l_2$ | .250 | | 6.35 | | 2 |
| Q | | | | | 4 |
| a | 45° T.P. | | | | 1, 5 |

NOTES:

1. MAXIMUM DIAMETER LEADS MEASURED AT POINTS .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE DEVICE SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITIONS RELATIVE TO THE MAXIMUM-WIDTH TAB AND MAXIMUM DIAMETER FLANGE.
2. (THREE LEADS) $\phi b_2$ APPLIES BETWEEN $l_1$ AND $l_2$. $\phi b$ APPLIES BETWEEN $l_2$ AND 1.5" (38.10 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN $l_1$ AND BEYOND 1.5" (38.10 MM) FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF ACTUAL DEVICE.
4. DETAILS OF OUTLINE IN THIS ZONE OPTIONAL.
5. TAB CENTERLINE.

## TO 29

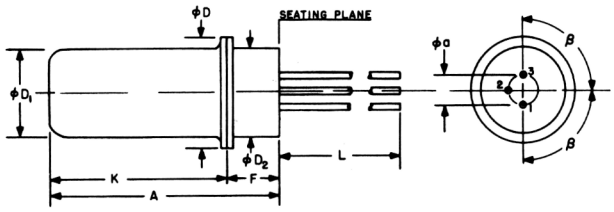



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .200 | .260 | 5.08 | 6.60 | |
| $\phi b$ | .016 | .021 | .406 | .533 | 2 |
| $\phi b_2$ | .016 | .019 | .406 | .483 | 2 |
| $\phi D$ | .335 | .370 | 8.51 | 9.40 | |
| $\phi D_1$ | .305 | .335 | 7.75 | 8.51 | |
| e | .200 T.P. | | 5.08 T.P. | | 4 |
| $e_1$ | .100 T.P. | | 2.54 T.P. | | 4 |
| G | | .360 | | 9.14 | |
| h | .009 | .125 | .229 | 3.18 | |
| j | .028 | .034 | .711 | .864 | 4, 5 |
| k | .029 | .045 | .737 | 1.14 | 3, 4, 5 |
| l | 1.500 | | 38.10 | | |
| $l_1$ | | .050 | | 1.27 | |
| $l_2$ | .250 | | 6.35 | | |
| M | | .150 | | 3.81 | |
| P | .100 | | 2.54 | | 1 |
| Q | | | | | 6 |
| $Q_1$ | | | | | 6 |
| a | 45° T.P. | | | | 5, 7 |

NOTES:

1. THIS ZONE IS CONTROLLED FOR AUTOMATIC HANDLING. THE VARIATION IN ACTUAL DIAMETER WITHIN THE ZONE SHALL NOT EXCEED .010" (.254 MM).
2. (THREE LEADS) $\phi b_2$ APPLIES BETWEEN $l_1$ AND $l_2$. $\phi b$ APPLIES BETWEEN $l_2$ AND 1.5" (38.10 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN $l_1$ AND BEYOND 1.5" (38.10 MM) FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE ACTUAL DEVICE.
4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE DEVICE SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITIONS RELATIVE TO A MAXIMUM-WIDTH TAB.
5. THE DEVICE MAY BE MEASURED BY DIRECT METHODS OR BY THE GAGE AND GAGING PROCEDURE DESCRIBED ON GAGE DRAWING GS-1.
6. DETAILS OF OUTLINE IN THIS ZONE OPTIONAL.
7. TAB CENTERLINE.

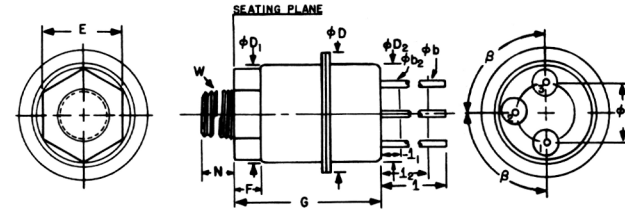
## TO 30




| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| $\phi a$ | .065 | .075 | 1.65 | 1.91 | |
| A | .375 | .425 | 9.53 | 10.80 | |
| $\phi D$ | .195 | .225 | 4.95 | 5.72 | |
| $\phi D_1$ | .160 | .180 | 4.06 | 4.57 | |
| $\phi D_2$ | .166 | .176 | 4.22 | 4.47 | |
| F | .095 | .105 | 2.41 | 2.67 | |
| K | .285 | .315 | 7.24 | 8.00 | |
| L | 1.500 | 1.688 | 38.10 | 42.88 | |
| $\beta$ | 90° NOMINAL | | | | |

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

## TO 31



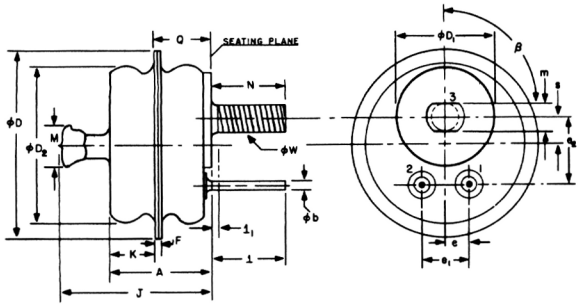

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .360 | .390 | 9.14 | 9.91 | |
| $\phi a$ | .200 NOMINAL | | 5.08 NOMINAL | | |
| $\phi b$ | | .021 | | .533 | 1 |
| $\phi b_2$ | .016 | .019 | .406 | .483 | 1 |
| $\phi D$ | .360 | .370 | 9.14 | 9.40 | |
| $\phi D_1$ | .295 | .305 | 7.49 | 7.75 | |
| $\phi D_2$ | .290 | .310 | 7.37 | 7.87 | |
| E | .250 | | 6.35 | | 2 |
| F | .105 | .115 | 2.67 | 2.92 | |
| l | 1.500 | 1.688 | 38.10 | 42.88 | |
| $l_1$ | | .050 | | 1.27 | |
| $l_2$ | .250 | | 6.35 | | |
| N | .375 NOMINAL | | 9.53 NOMINAL | | |
| W | | | | | 3 |
| $\beta$ | 90° NOMINAL | | | | |

NOTES:

1. (THREE LEADS) $\phi b_2$ APPLIES BETWEEN $l_1$ AND $l_2$. $\phi b$ APPLIES BETWEEN $l_2$ AND 1.5" (38.10 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN $l_1$ AND BEYOND 1.5" (38.10 MM) FROM SEATING PLANE.
2. HEX FOR STANDARD 1/4" IGNITION WRENCH.
3. 8-32 UNC-2A.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

## TO 32



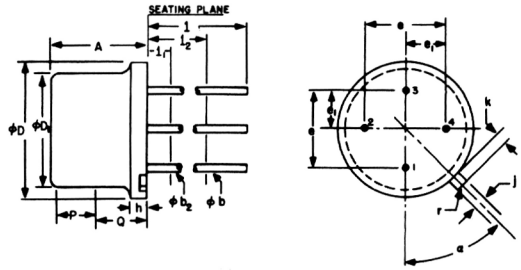

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | | .475 | | 12.07 | |
| $\phi b$ | .029 | .033 | .737 | .838 | |
| $\phi D$ | | .885 | | 22.48 | |
| $\phi D_1$ | | .455 | | 11.56 | |
| $\phi D_2$ | | .685 | | 17.40 | |
| e | .100 T.P. | | 2.54 T.P. | | 1 |
| $e_1$ | .200 T.P. | | 5.08 T.P. | | 1 |
| $e_2$ | .300 T.P. | | 7.62 T.P. | | 1 |
| F | .020 | .040 | .508 | 1.02 | |
| J | | .690 | | 17.53 | |
| K | .165 | | 4.19 | | |
| l | .281 | | 7.14 | | |
| $l_1$ | | .015 | | .381 | 1, 3 |
| M | | .250 | | 6.35 | |
| m | .122 | .125 | 3.10 | 3.18 | |
| N | | .312 | | 7.92 | |
| Q | | .310 | | 7.87 | |
| s | .105 T.P. | | 2.67 T.P. | | 1 |
| $\phi W$ | | | | | 2 |
| $\beta$ | 88° | 92° | 88° | 92° | |

NOTES:

1. MAXIMUM SIZE LEADS AND STUD MUST BE WITHIN .0055" (.152 MM) OF THE EXACT POSITIONS SHOWN WITH RESPECT TO THE .885" (22.48 MM) MAXIMUM DIAMETER MEASURED AT POINTS .015" (.381 MM) MAXIMUM BELOW SEATING PLANE.
2. 190-32 UNF-2A. MAXIMUM PITCH DIAMETER OF PLATED THREADS SHALL BE BASIC PITCH DIAMETER .190" (4.83 MM) REFERENCE (SCREW THREAD STANDARDS FOR FEDERAL SERVICES 1957) HANDBOOK H28 1957 P1.
3. LEAD DIAMETER IN THIS AREA UNRESTRICTED.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

## TO 33

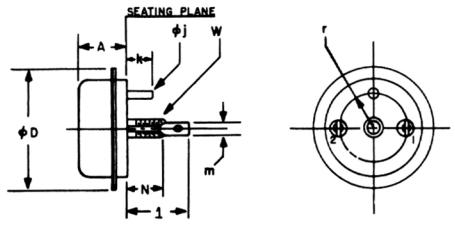



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .240 | .260 | 6.10 | 6.60 | |
| $\phi b$ | .016 | .021 | .406 | .533 | 2 |
| $\phi b_2$ | .016 | .019 | .406 | .483 | 2 |
| $\phi D$ | .335 | .370 | 8.51 | 9.40 | |
| $\phi D_1$ | .305 | .335 | 7.75 | 8.51 | |
| e | .200 T.P. | | 5.08 T.P. | | 4, 5 |
| $e_1$ | .100 T.P. | | 2.54 T.P. | | 4, 5 |
| h | .009 | .125 | .229 | 3.18 | |
| j | .028 | .034 | .711 | .864 | 5 |
| k | .029 | .045 | .737 | 1.14 | 3, 5 |
| l | 1.500 | | 38.10 | | 2 |
| $l_1$ | | .050 | | 1.27 | 2 |
| $l_2$ | .250 | | 6.35 | | 2 |
| P | .100 | | 2.54 | | 1 |
| Q | | | | | 6 |
| r | | .007 | | .178 | |
| $\alpha$ | 45° T.P. | | | | 4, 5, 7 |

NOTES:

1. THIS DEVICE IS CONTROLLED FOR AUTOMATIC HANDLING. THE VARIATION IN ACTUAL DIAMETER WITHIN THE ZONE SHALL NOT EXCEED .010" (.254 MM).
2. (FOUR LEADS) $\phi b_2$ APPLIES BETWEEN $l_1$ AND $l_2$. $\phi b$ APPLIES BETWEEN $l_2$ AND 1.5" (38.10 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN $l_1$ AND BEYOND 1.5" (38.10 MM) FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE ACTUAL DEVICE.
4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE DEVICE SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITIONS RELATIVE TO A MAXIMUM-WIDTH TAB.
5. THE DEVICE MAY BE MEASURED BY DIRECT METHODS OR BY THE GAGE AND GAGING PROCEDURE DESCRIBED ON GAGE DRAWING GS-1.
6. DETAILS OF OUTLINE IN THIS ZONE OPTIONAL.
7. TAB CENTERLINE.

## TO 36



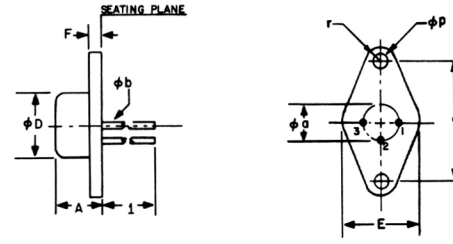

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | | .520 | | 13.21 | |
| $\phi D$ | | 1.250 | | 31.75 | |
| $\phi j$ | | .140 | | 3.56 | |
| k | | .312 | | 7.92 | 1 |
| l | .610 | .710 | 15.49 | 18.03 | |
| m | | .190 | | 4.83 | |
| N | .375 | .500 | 9.53 | 12.70 | |
| r | .345 NOMINAL | | | 8.76 | |
| W | | | | | 2 |

NOTES:

1. INSULATED LOCATOR PIN.
2. 10-32 UNF-2A. MAXIMUM PITCH DIAMETER OF PLATED THREADS SHALL BE BASIC PITCH DIAMETER .1697" (4.31 MM) REFERENCE (SCREW THREAD STANDARDS FOR FEDERAL SERVICES 1957) HANDBOOK H28 1957 P1.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

## TO 37



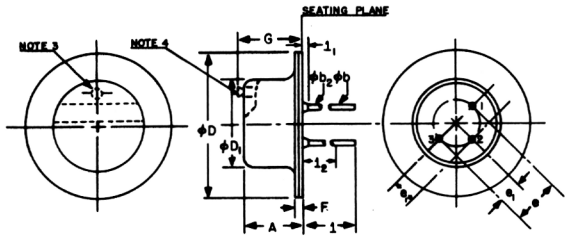

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| $\phi a$ | .200 NOMINAL | | 5.08 NOMINAL | | |
| A | | .260 | | 6.60 | |
| $\phi b$ | .016 | .022 | .406 | .559 | 1 |
| $\phi D$ | | .320 | | 8.13 | |
| E | | .390 | | 9.91 | |
| F | | .070 | | 1.78 | |
| l | 1.500 | | 38.10 | | 1 |
| $\phi p$ | .120 | .130 | 3.05 | 3.30 | 3 |
| q | .552 | .572 | 14.02 | 14.53 | |
| r | | .114 | | 2.90 | 2 |

NOTES:

1. THREE LEADS.
2. BOTH ENDS.
3. TWO MOUNTING HOLES.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

## TO 38




| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | | .330 | | 8.38 | |
| $\phi b$ | .016 | .021 | .406 | .533 | 2 |
| $\phi b_2$ | .016 | .019 | .406 | .483 | 2 |
| $\phi D$ | .675 | .725 | 17.15 | 18.42 | |
| $\phi D_1$ | .470 | .500 | 11.94 | 12.70 | |
| e | .200 T.P. | | 5.08 T.P. | | 1 |
| $e_1$ | .100 T.P. | | 2.54 T.P. | | 1 |
| F | | .045 | | 1.14 | |
| G | | .375 | | 9.53 | |
| 1 | .625 | | 15.88 | | 2 |
| $l_1$ | | .050 | | 1.27 | 2 |
| $l_2$ | .250 | | 6.35 | | 2 |

NOTES:

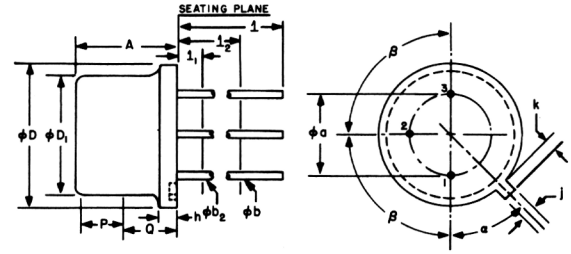
1. MAXIMUM DIAMETER LEADS MEASURED AT A GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE SHALL BE WITHIN .010" (.254 MM) OF THEIR TRUE POSITIONS WITH RESPECT TO THE .725" (18.42 MM) DIAMETER.

   (THREE LEADS) $\phi b_2$ APPLIES BETWEEN $l_1$ AND $l_2$. $\phi b$ APPLIES BETWEEN $l_2$ AND .625" (15.88 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED BEYOND .625" (15.88 MM) FROM SEATING PLANE.

   ANGULAR ORIENTATION OF EDGE OPTIONAL.

   DETAILS OF OUTLINE OPTIONAL IN THIS AREA.

## TO 39

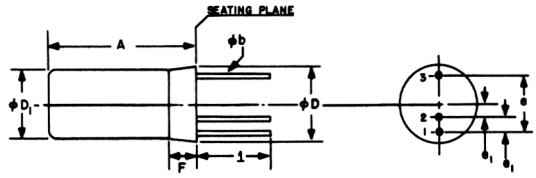



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| $\phi a$ | .190 | .210 | 4.83 | 5.33 | |
| A | .240 | .260 | 6.10 | 6.60 | |
| $\phi b$ | .016 | .021 | .406 | .533 | 2 |
| $\phi b_2$ | .016 | .019 | .406 | .483 | 2 |
| $\phi D$ | .350 | .370 | 8.89 | 9.40 | |
| $\phi D_1$ | .315 | .335 | 8.00 | 8.51 | |
| h | .009 | .125 | .229 | 3.18 | |
| j | .028 | .034 | .711 | .864 | |
| k | .029 | .040 | .737 | 1.02 | 3 |
| 1 | .500 | | 12.70 | | 2 |
| $l_1$ | | .050 | | 1.27 | 2 |
| $l_2$ | .250 | | 6.35 | | 2 |
| P | .100 | | 2.54 | | 1 |
| Q | | | | | 4 |
| $\alpha$ | 45° NOMINAL | | | | |
| $\beta$ | 90° NOMINAL | | | | |

NOTES:

1. THIS ZONE IS CONTROLLED FOR AUTOMATIC HANDLING. THE VARIATION IN ACTUAL DIAMETER WITHIN THIS ZONE SHALL NOT EXCEED .010" (.254 MM).
2. (THREE LEADS) $\phi b_2$ APPLIES BETWEEN $l_1$ AND $l_2$. $\phi b$ APPLIES BETWEEN $l_2$ AND .5" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN $l_1$ AND BEYOND .5" (12.70 MM) FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE ACTUAL DEVICE.
4. DETAILS OF OUTLINE IN THIS ZONE OPTIONAL.

## TO 40

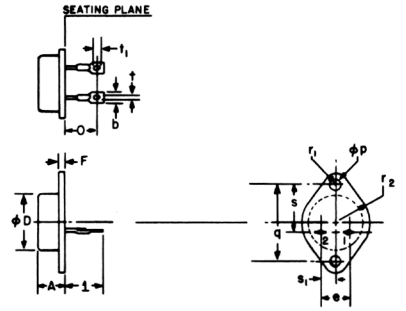



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | | .495 | | 12.57 | |
| $\phi b$ | .016 | .019 | .406 | .483 | 1 |
| $\phi D$ | | .260 | | 6.60 | |
| $\phi D_1$ | | .240 | | 6.10 | |
| e | .185 | .199 | 4.70 | 5.05 | |
| $e_1$ | .041 | .055 | 1.04 | 1.40 | |
| F | | .120 | | 3.05 | |
| 1 | .172 | .202 | 4.37 | 5.13 | 1 |

NOTES:

1. THREE LEADS.

## TO 41



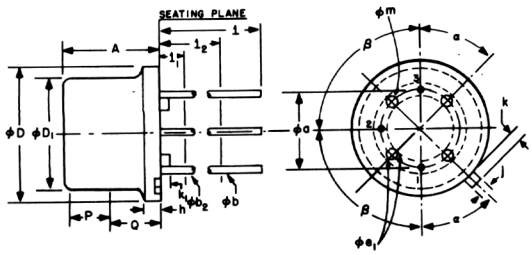

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .250 | .450 | 6.35 | 11.43 | |
| b | .125 | .210 | 3.18 | 5.33 | 1, 2 |
| $\phi D$ | | .875 | | 22.23 | |
| e | .420 | .440 | 10.67 | 11.18 | |
| F | | .135 | | 3.43 | |
| 1 | .560 | .680 | 14.23 | 17.27 | |
| O | .500 | .581 | 12.70 | 14.76 | |
| $\phi p$ | .151 | .161 | 3.84 | 4.09 | 4 |
| q | 1.177 | 1.197 | 29.90 | 30.40 | |
| $r_1$ | | .188 | | 4.78 | 3 |
| $r_2$ | | .525 | | 13.34 | |
| s | .655 | .675 | 16.64 | 17.15 | |
| $s_1$ | .205 | .225 | 5.21 | 5.72 | 1 |
| t | .072 | .120 | 1.83 | 3.05 | 2 |
| $t_1$ | .072 | .170 | 1.83 | 4.32 | 2 |

NOTES:

1. THESE DIMENSIONS SHOULD BE MEASURED AT POINTS .050" (1.27 MM) TO .055" (1.40 MM) BELOW SEATING PLANE. WHEN GAGE IS NOT USED, MEASUREMENT WILL BE MADE AT SEATING PLANE.
2. SQUARE OR RADIUS ON END OF TERMINAL AND/OR HOLE OPTIONAL.
3. AT BOTH ENDS.
4. TWO HOLES.

   THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

## TO 42



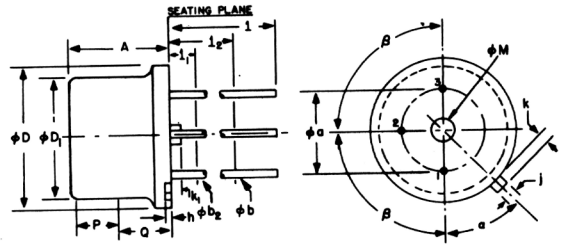

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| $\phi a$ | .190 | .210 | 4.83 | 5.33 | |
| A | .200 | .260 | 5.08 | 6.60 | |
| $\phi b$ | .016 | .021 | .406 | .533 | 2 |
| $\phi b_2$ | .016 | .019 | .406 | .483 | 2 |
| $\phi D$ | .290 | .370 | 7.37 | 9.40 | |
| $\phi D_1$ | .290 | .335 | 7.37 | 8.51 | |
| $\phi e_1$ | .020 | .250 | .508 | 6.35 | 4 |
| h | .009 | .125 | .229 | 3.18 | |
| j | .028 | .034 | .711 | .864 | |
| k | .029 | | .737 | | 3 |
| $k_1$ | .017 | .025 | .432 | .635 | |
| 1 | 1.500 | | 38.10 | | 2 |
| $l_1$ | | .050 | | 1.27 | 2 |
| $l_2$ | .250 | | 6.35 | | 2 |
| $\phi m$ | .040 NOMINAL | | 1.02 NOMINAL | | |
| P | .100 | | 2.54 | | 1 |
| Q | | | | | 5 |
| $\alpha$ | 45° NOMINAL | | | | |
| $\beta$ | 90° NOMINAL | | | | |

NOTES:

1. THIS ZONE IS CONTROLLED FOR AUTOMATIC HANDLING. THE VARIATION IN ACTUAL DIAMETER WITHIN THIS ZONE SHALL NOT EXCEED .010" (.254 MM).
2. (THREE LEADS) $\phi b_2$ APPLIES BETWEEN $l_1$ AND $l_2$. $\phi b$ APPLIES BETWEEN $l_2$ AND 1.5" (38.10 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN $l_1$ AND BEYOND 1.5" (38.10 MM) FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE ACTUAL DEVICE.
4. FOUR EQUALLY SPACED FEET TO LIE WITHIN THIS ZONE. MINIMUM DISTANCE BETWEEN A LEAD AND A FOOT .031" (.788 MM).
5. DETAILS OF OUTLINE IN THIS ZONE OPTIONAL.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

## TO 43



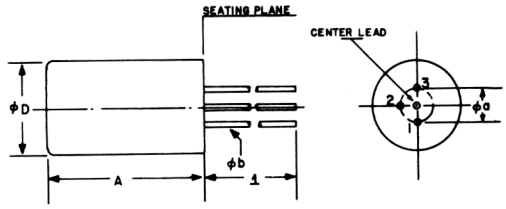

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| $\phi a$ | .190 | .210 | 4.83 | 5.33 | |
| A | .200 | .260 | 5.08 | 6.60 | |
| $\phi b$ | .016 | .021 | .406 | .533 | 2 |
| $\phi b_2$ | .016 | .019 | .406 | .483 | 2 |
| $\phi D$ | .290 | .370 | 7.37 | 9.40 | |
| $\phi D_1$ | .290 | .335 | 7.37 | 8.51 | |
| h | .009 | .125 | .229 | 3.18 | |
| j | .028 | .034 | .711 | .864 | |
| k | .029 | | .737 | | 3 |
| $k_1$ | .017 | .075 | .432 | 1.91 | |
| 1 | 1.500 | | 38.10 | | 2 |
| $l_1$ | | .050 | | 1.27 | 2 |
| $l_2$ | .250 | | 6.35 | | 2 |
| $\phi M$ | .050 | .100 | 1.27 | 2.54 | |
| P | .100 | | 2.54 | | 1 |
| Q | | | | | 4 |
| $\alpha$ | 45° NOMINAL | | | | |
| $\beta$ | 90° NOMINAL | | | | |

NOTES:

1. THIS ZONE CONTROLLED FOR AUTOMATIC HANDLING. THE VARIATION IN ACTUAL DIAMETER WITHIN THIS ZONE SHALL NOT EXCEED .010" (.254 MM).
2. (THREE LEADS) $\phi b_2$ APPLIES BETWEEN $l_1$ AND $l_2$. $\phi b$ APPLIES BETWEEN $l_2$ AND 1.5" (38.10 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN $l_1$ AND BEYOND 1.5" (38.10 MM) FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE ACTUAL DEVICE.
4. DETAILS OF OUTLINE IN THIS ZONE OPTIONAL.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

## TO 44



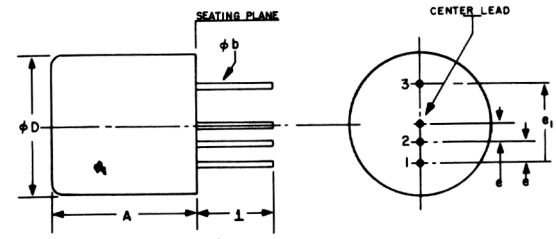

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| $\phi a$ | .064 | .080 | 1.63 | 2.03 | |
| A | | .405 | | 10.29 | |
| $\phi b$ | .016 | .019 | .406 | .483 | 1 |
| $\phi D$ | | .240 | | 6.10 | |
| 1 | 1.500 | | 38.10 | | |

NOTES:

1. FOUR LEADS.

THIS OUTLINE DOES NOT MEET THE MINIMUM CRITERIA ESTABLISHED BY JS-10 FOR REGISTRATION.

## TO 45

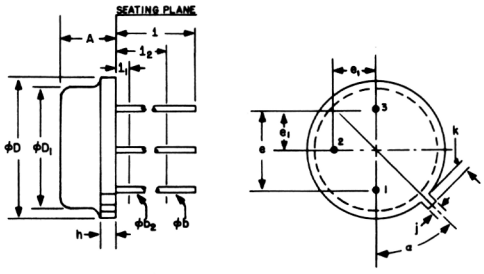



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| $\phi a$ | .185 | .199 | 4.70 | 5.05 | |
| A | | .375 | | 9.53 | |
| $\phi b$ | .016 | .019 | .406 | .483 | 1 |
| $\phi D$ | | .360 | | 9.14 | |
| e | .041 | .055 | 1.04 | 1.40 | |
| $e_1$ | .185 | .199 | 4.70 | 5.05 | |
| 1 | .172 | .202 | 4.37 | 5.13 | 1 |

NOTES:

1. FOUR LEADS.

## TO 46

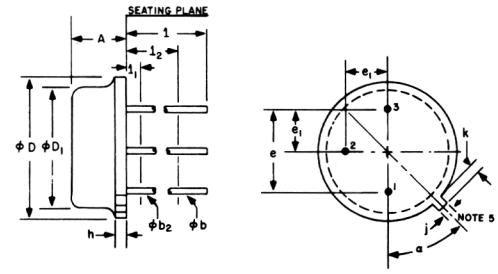



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .065 | .085 | 1.65 | 2.16 | |
| $\phi b$ | .016 | .021 | .406 | .533 | 1 |
| $\phi b_2$ | .012 | .019 | .305 | .483 | 1 |
| $\phi D$ | .209 | .230 | 5.31 | 5.84 | |
| $\phi D_1$ | .178 | .195 | 4.52 | 4.95 | |
| e | .100 T.P. | | 2.54 T.P. | | 2 |
| $e_1$ | .050 T.P. | | 1.27 T.P. | | 2 |
| h | | .040 | | 1.02 | |
| j | .036 | .046 | .914 | 1.17 | |
| k | .028 | .048 | .711 | 1.22 | 4 |
| l | .500 | | 12.70 | | 1 |
| $l_1$ | | .050 | | 1.27 | 1 |
| $l_2$ | .250 | | 6.35 | | 1 |
| a | 45° T.P. | | 45° T.P. | | 3, 5 |

NOTES:

1. (THREE LEADS) $\phi b_2$ APPLIES BETWEEN $l_1$ AND $l_2$. $\phi b$ APPLIES BETWEEN $l_2$ AND .5" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN $l_1$ AND BEYOND .5" (12.70 MM) FROM SEATING PLANE.
2. MAXIMUM DIAMETER LEADS AT A GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW SEATING PLANE TO BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION RELATIVE TO MAXIMUM-WIDTH TAB AND TO THE MAXIMUM .230" (5.84 MM) DIAMETER MEASURED WITH A SUITABLE GAGE. WHEN GAGE IS NOT USED, MEASUREMENT WILL BE MADE AT SEATING PLANE.
3. INDEX TAB FOR VISUAL ORIENTATION ONLY.
4. MEASURED FROM MAXIMUM DIAMETER OF THE ACTUAL DEVICE.
5. TAB CENTERLINE.

## TO 47

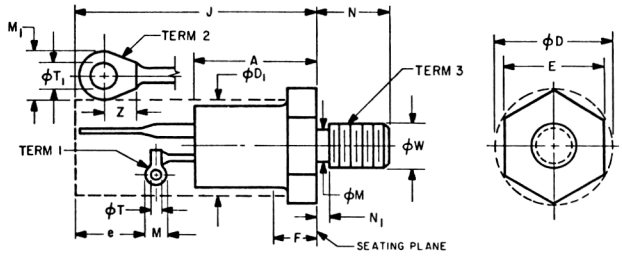



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .065 | .085 | 1.65 | 2.16 | |
| $\phi b$ | .016 | .021 | .406 | .533 | 1 |
| $\phi b_2$ | .012 | .019 | .305 | .483 | 1 |
| $\phi D$ | .240 | .270 | 6.10 | 6.86 | |
| $\phi D_1$ | .220 | .240 | 5.59 | 6.10 | |
| e | .141 T.P. | | 3.58 T.P. | | 2 |
| $e_1$ | .071 T.P. | | 1.80 T.P. | | 2 |
| h | | .040 | | 1.02 | |
| j | .015 | .025 | .381 | .635 | |
| k | .015 | .025 | .381 | .635 | 4 |
| l | .500 | | 12.70 | | 1 |
| $l_1$ | | .050 | | 1.27 | 1 |
| $l_2$ | .250 | | 6.35 | | 1 |
| a | 45° T.P. | | 45° T.P. | | 3 |

NOTES:

1. (THREE LEADS) $\phi b_2$ APPLIES BETWEEN $l_1$ AND $l_2$. $\phi b$ APPLIES BETWEEN $l_2$ AND .5" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN $l_1$ AND BEYOND .5" (12.70 MM) FROM SEATING PLANE.
2. MAXIMUM DIAMETER LEADS AT A GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE TO BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION RELATIVE TO MAXIMUM-WIDTH TAB AND TO THE MAXIMUM .270" (6.86 MM) DIAMETER MEASURED WITH A SUITABLE GAGE. WHEN A GAGE IS NOT USED, MEASUREMENT WILL BE MADE AT SEATING PLANE.
3. INDEX TAB FOR VISUAL ORIENTATION ONLY.
4. MEASURED FROM MAXIMUM DIAMETER OF THE ACTUAL DEVICE.
5. TAB CENTERLINE.

## TO 48



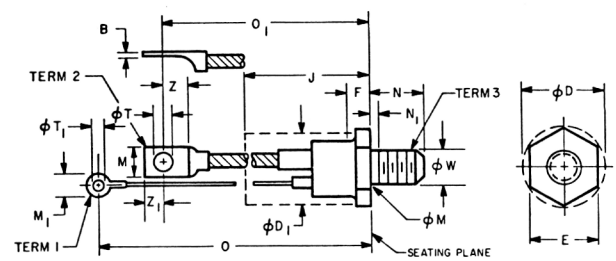

MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .330 | .505 | 8.4 | 12.8 | - |
| $\phi D$ | - | .650 | - | 16.51 | - |
| $\phi D_1$ | - | .544 | - | 13.81 | 5 |
| e | .125 | - | 3.18 | - | 4 |
| E | .544 | .562 | 13.82 | 14.27 | - |
| F | .113 | .200 | 2.88 | 5.08 | 3 |
| J | - | 1.193 | - | 30.30 | 5 |
| $\phi M$ | .220 | .249 | 5.59 | 6.32 | 6 |
| M | .115 | .140 | 2.93 | 3.55 | 1 |
| $M_1$ | .210 | .300 | 5.34 | 7.62 | 1 |
| N | .422 | .453 | 10.72 | 11.50 | - |
| $N_1$ | - | .090 | - | 2.28 | 6 |
| $\phi T$ | .060 | .075 | 1.53 | 1.90 | - |
| $\phi T_1$ | .125 | .165 | 3.18 | 4.19 | - |
| $\phi W$ | .2225 | .2268 | 5.652 | 5.760 | 2 |
| Z | .120 | - | 3.05 | - | 7 |

NOTES:

1. CONTOUR & ANGULAR ORIENTATION OF THESE TERMINALS IS OPTIONAL.
2. PITCH DIAMETER OF 1/4-28 UNF-2A (COATED) THREADS (ASA B1.1-1960).
3. A CHAMFER OR UNDERCUT ON ONE OR BOTH ENDS OF HEXAGONAL PORTION IS OPTIONAL.
4. MINIMUM DIFFERENCE IN TERMINAL LENGTHS TO ESTABLISH DATUM LINE FOR NUMBERING TERMINALS.
5. THE DEVICE WITH EXCEPTION OF THE HEXAGON AND THREAD LIES WITHIN THE CYLINDER DEFINED BY $\phi D_1$ AND LENGTH J.
6. LENGTH OF INCOMPLETE OR UNDERCUT THREAD OF $\phi M$.
7. MINIMUM FLAT.

## TO 49



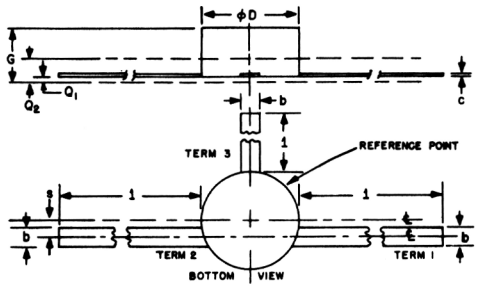

MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| B | .055 | .110 | 1.40 | 2.79 | - |
| $\phi D$ | - | 1.227 | - | 31.16 | - |
| $\phi D_1$ | - | 1.031 | - | 26.18 | 1 |
| E | 1.031 | 1.063 | 26.19 | 27.00 | - |
| F | .170 | .500 | 4.4 | 12.7 | 5 |
| J | - | 2.500 | - | 63.50 | 1,7 |
| M | .437 | .650 | 11.1 | 16.5 | 2 |
| $M_1$ | .215 | .300 | 5.47 | 7.62 | 2 |
| $\phi M$ | .425 | .499 | 10.80 | 12.67 | 3 |
| N | .797 | .827 | 20.25 | 21.00 | - |
| $N_1$ | - | .125 | - | 3.17 | 3 |
| O | 6.850 | 7.500 | 174.0 | 190.5 | - |
| $O_1$ | 5.775 | 6.265 | 146.7 | 159.1 | - |
| $\phi T$ | .250 | .310 | 6.35 | 7.87 | - |
| $\phi T_1$ | .140 | .150 | 3.56 | 3.81 | - |
| $\phi W$ | .4619 | .4675 | 11.733 | 11.874 | 4 |
| Z | .250 | - | 6.35 | - | 6 |
| $Z_1$ | - | .325 | - | 8.25 | - |

NOTES:

1. THE DEVICE WITH THE EXCEPTION OF THE HEXAGON, THREAD, AND FLEXIBLE LEAD EXTENSIONS LIES WITHIN THE CYLINDER DEFINED BY $\phi D_1$ AND LENGTH J.
2. ANGULAR ORIENTATION OF THESE TERMINALS WITH RESPECT TO HEXAGONAL PORTION IS UNDEFINED. SQUARE OR RADIUS ON END OF TERMINALS IS OPTIONAL
3. LENGTH OF INCOMPLETE OR UNDERCUT THREADS OF $\phi M$.
4. PITCH DIAMETER OF 1/2-20 UNF-2A (COATED) THREADS (ASA B1.1-1960).
5. A CHAMFER (OR UNDERCUT) ON ONE OR BOTH ENDS OF HEXAGONAL PORTION IS OPTIONAL.
6. MINIMUM FLAT.
7. SEATED HEIGHT WITH LEAD BENT AT RIGHT ANGLES.

## TO 50

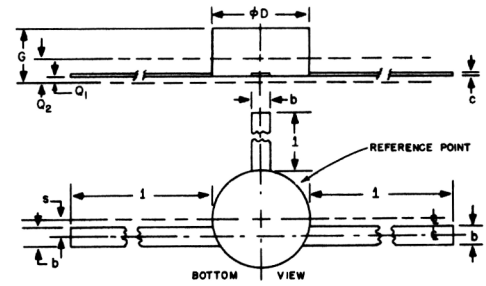



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| b | .015 | .028 | .381 | .711 | |
| c | .003 | .005 | .076 | .127 | |
| ØD | .180 | .215 | 4.57 | 5.46 | 2 |
| G | .040 | .060 | 1.02 | 1.52 | |
| 1 | .250 | | 6.35 | | |
| $Q_1$ | | .010 | | .254 | 1 |
| $Q_2$ | | .025 | | .635 | 1 |
| s | .015 | .035 | .381 | .889 | 1 |

NOTES:

1. LEADS SHALL EMERGE FROM THE ØD DIMENSION WITHIN THE LIMITS INDICATED BY THE s, $Q_1$ AND $Q_2$ DIMENSIONS.
2. MINIMUM AND MAXIMUM DIMENSIONS BOTH APPLY TO THE MAJOR (LARGEST) DIAMETER ONLY.

## TO 51

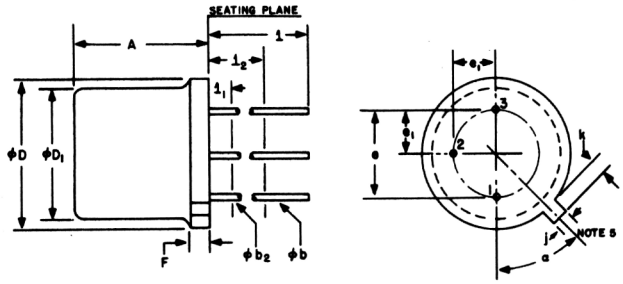



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| b | .015 | .028 | .381 | .711 | |
| c | .003 | .005 | .076 | .127 | |
| ØD | .140 | .165 | 3.56 | 4.19 | 2 |
| G | .040 | .060 | 1.02 | 1.52 | |
| 1 | .250 | | 6.35 | | |
| $Q_1$ | | .010 | | .254 | 1 |
| $Q_2$ | | .025 | | .635 | 1 |
| s | .015 | .035 | .381 | .889 | 1 |

NOTES:

1. LEADS SHALL EMERGE FROM THE ØD DIMENSION WITHIN THE LIMITS INDICATED BY THE s, $Q_1$, AND $Q_2$ DIMENSIONS.
2. MINIMUM AND MAXIMUM DIMENSIONS BOTH APPLY TO THE MAJOR (LARGEST) DIAMETER ONLY.

## TO 52

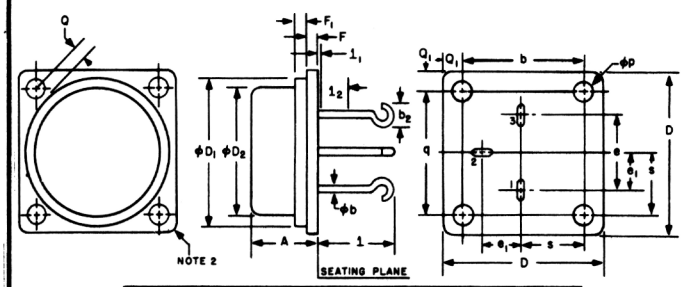



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .115 | .150 | 2.92 | 3.81 | |
| Øb | | .021 | | .533 | 1 |
| $Øb_2$ | .016 | .019 | .406 | .483 | 1 |
| ØD | .209 | .230 | 5.31 | 5.84 | |
| $ØD_1$ | .178 | .195 | 4.52 | 4.95 | |
| e | .100 T.P. | | 2.54 T.P. | | 2 |
| $e_1$ | .050 T.P. | | 1.27 T.P. | | |
| F | | .030 | | .762 | |
| j | .036 | .046 | .914 | 1.17 | |
| k | .028 | .048 | .711 | 1.22 | 3 |
| 1 | .500 | | 12.70 | | 1 |
| $1_1$ | | .050 | | 1.27 | 1 |
| $1_2$ | .250 | | 6.35 | | |
| α | 45° T.P. | | | | |

NOTES:

1. (THREE LEADS) $Øb_2$ APPLIES BETWEEN $1_1$ AND $1_2$. Øb APPLIES BETWEEN $1_2$ AND .5" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN $1_1$ AND BEYOND .5" (12.70 MM) FROM SEATING PLANE.
2. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE DEVICE SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITIONS RELATIVE TO A MAXIMUM-WIDTH TAB.
3. MEASURED FROM MAXIMUM DIAMETER OF THE ACTUAL DEVICE.
4. THE DEVICE MAY BE MEASURED BY DIRECT METHODS OR BY THE GAGE AND GAGING PROCEDURE DESCRIBED ON GAGE DRAWING GS-2.
5. TAB CENTERLINE.

## TO 53

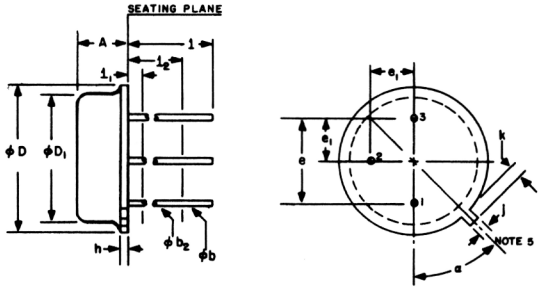



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .305 | .355 | 7.75 | 9.02 | |
| Øb | .035 | .045 | .889 | 1.14 | 7 |
| $b_2$ | .130 | .150 | 3.30 | 3.81 | 7 |
| D | .850 | .870 | 21.59 | 22.10 | |
| $ØD_1$ | .765 | .785 | 19.43 | 19.94 | |
| $ØD_2$ | .670 | .680 | 17.02 | 17.27 | |
| e | .400 T.P. | | 10.16 T.P. | | 3, 4 |
| $e_1$ | .200 T.P. | | 5.08 T.P. | | 3, 4 |
| F | .040 | .055 | 1.02 | 1.40 | |
| $F_1$ | .030 | .065 | .762 | 1.65 | |
| $1_1$ | .370 | .420 | 9.40 | 10.67 | 7 |
| $1_1$ | .031 | | .787 | | 1, 7 |
| $1_2$ | .125 | | 3.18 | | 5 |
| Øp | .096 | .106 | 2.44 | 2.69 | 8 |
| q | .670 | .690 | 17.02 | 17.53 | |
| Q | .075 | | 1.91 | | 6 |
| $Q_1$ | .075 | .105 | 1.91 | 2.67 | |
| s | .340 T.P. | | 8.64 T.P. | | 3, 4 |

NOTES:

1. LEAD DIAMETER NOT CONTROLLED IN THIS AREA.
2. RADIUS AT CORNERS OF MOUNTING FLANGE OPTIONAL.
3. ANGULAR ORIENTATION OF TERMINAL ENDS AS SHOWN ± 15°.
4. LEADS HAVING MAXIMUM DIAMETER .045" (1.14 MM) MEASURED IN GAGE PLANE .031" (.787 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE DEVICE SHALL BE WITHIN .010" (.254 MM) OF THEIR TRUE POSITION RELATIVE TO MINIMUM DIAMETER .096" (2.44 MM) HOLES IN THE MOUNTING FLANGE.
5. THE LEADS SHALL BE ESSENTIALLY STRAIGHT WITHIN THIS ZONE.
6. CLEARANCE FROM HOLE CENTERS TO $ØD_1$ FOR MOUNTING FASTENERS.
7. THREE LEADS.
8. FOUR HOLES.

## TO 54

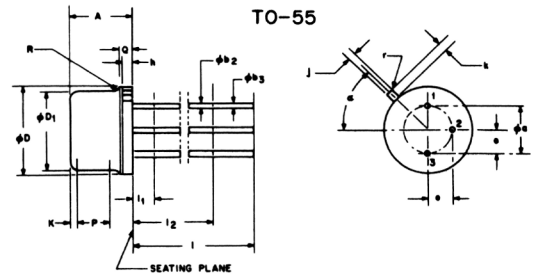



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .050 | .060 | 1.27 | 1.52 | |
| $\phi b$ | .016 | .021 | .406 | .533 | 1 |
| $\phi b_2$ | .016 | .019 | .406 | .482 | 1 |
| $\phi D$ | .209 | .230 | 5.31 | 5.84 | |
| $\phi D_1$ | .178 | .195 | 4.52 | 4.95 | |
| e | .100 T.P. | | 2.54 T.P. | | 2 |
| $e_1$ | .050 T.P. | | 1.27 T.P. | | 2 |
| h | | .040 | | 1.02 | |
| j | .036 | .046 | .914 | 1.17 | |
| k | .028 | .048 | .711 | 1.22 | 4 |
| l | .500 | | 12.70 | | 1 |
| $l_1$ | | .050 | | 1.27 | 1 |
| $l_2$ | .250 | | 6.35 | | 1 |
| α | 45° T.P. | | 45° T.P. | | 3 |

NOTES:

1. (THREE LEADS) $\phi b_2$ APPLIES BETWEEN $l_1$ AND $l_2$. $\phi b$ APPLIES BETWEEN $l_2$ AND .5" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN $l_1$ AND BEYOND .5" (12.70 MM) FROM SEATING PLANE.
2. MAXIMUM DIAMETER LEADS AT A GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW SEATING PLANE TO BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION (T.P.) RELATIVE TO MAXIMUM-WIDTH TAB AND TO THE MAXIMUM .230" (5.84 MM) DIAMETER MEASURED WITH A SUITABLE GAGE. WHEN A GAGE IS NOT USED, MEASUREMENT WILL BE MADE AT SEATING PLANE.
3. INDEX TAB FOR VISUAL ORIENTATION ONLY.
4. MEASURED FROM MAXIMUM DIAMETER OF THE ACTUAL DEVICE.
5. TAB CENTERLINE.

## TO 55



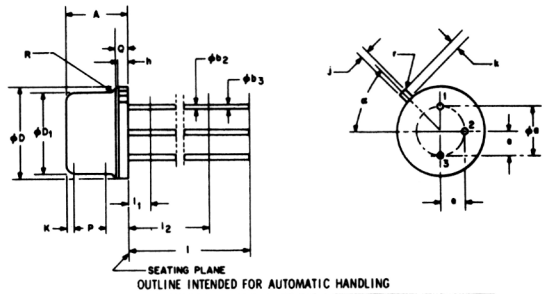

OUTLINE INTENDED FOR AUTOMATIC HANDLING

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | 0.242 | 0.260 | 6.15 | 6.60 | |
| $\phi a$ | 0.200 | | 5.08 | | 4 |
| $\phi b_2$ | 0.016 | 0.019 | 0.406 | 0.483 | 2 |
| $\phi b_3$ | | 0.021 | | 0.53 | 2 |
| $\phi D$ | 0.358 | 0.370 | 9.09 | 9.40 | 6 |
| $\phi D_1$ | 0.322 | 0.335 | 8.18 | 8.51 | 7 |
| e | 0.100 | | 2.54 | | |
| h | 0.009 | 0.041 | 0.23 | 1.04 | 8 |
| j | 0.028 | 0.034 | 0.711 | 0.864 | |
| K | 0.010 | | 0.25 | | |
| k | 0.029 | 0.045 | 0.74 | 1.14 | 3 |
| l | 1.500 | 1.625 | 38.1 | 41.3 | 2 |
| $l_1$ | | 0.020 | | 0.51 | 2 |
| $l_2$ | 0.250 | | 6.35 | | 2 |
| P | 0.150 | | 3.81 | | 1 |
| Q | | 0.050 | | 1.27 | |
| R | | 0.010 | | 0.25 | |
| r | | 0.007 | | 0.18 | |
| α | 45° | | 45° | | 5 |

NOTES:

1. THIS ZONE IS CONTROLLED FOR AUTOMATIC HANDLING. THE VARIATION IN ACTUAL DIAMETER WITHIN THE ZONE SHALL NOT EXCEED 0.010" (0.25 MM).
2. (3 LEADS) $\phi b_2$ APPLIES BETWEEN $l_1$ AND $l_2$. $\phi b_3$ APPLIES BETWEEN $l_2$ AND 1.5" FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN $l_1$ AND BEYOND 1.5" FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE ACTUAL DEVICE.
4. LEADS HAVING MAXIMUM DIAMETER (0.019", 0.438 MM) MEASURED IN GAGING PLANE 0.054" + 0.001" - 0.000" (1.372 MM + 0.025 MM - 0.000 MM) BELOW THE SEATING PLANE OF THE DEVICE SHALL BE WITHIN 0.007" (0.178 MM) OF THEIR TRUE LOCATIONS RELATIVE TO A MAXIMUM WIDTH TAB.
5. TAB CENTERLINE.
6. CONCENTRIC TO $\phi a$ WITHIN 0.006" TOTAL INDICATOR READING. CAP FLANGE SHALL NEVER EXTEND BEYOND HEADER PERIPHERY. 0.005" MAX BURR OR WELD FLASH.
7. CONCENTRIC TO $\phi a$ WITHIN 0.006" TOTAL INDICATOR READING.
8. APPLIES TO THICKNESS OF TAB.

## TO 56



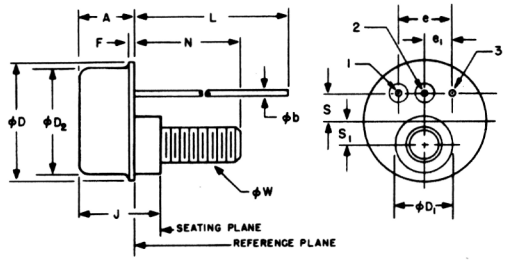

OUTLINE INTENDED FOR AUTOMATIC HANDLING

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | 0.170 | 0.210 | 4.32 | 5.33 | |
| $\phi a$ | 0.100 | | 2.54 | | 4 |
| $\phi b_2$ | 0.016 | 0.019 | 0.406 | 0.483 | 2 |
| $\phi b_3$ | | 0.021 | | 0.53 | 2 |
| $\phi D$ | 0.209 | 0.230 | 5.31 | 5.84 | 6 |
| $\phi D_1$ | 0.182 | 0.192 | 4.62 | 4.88 | 7 |
| e | 0.050 | | 1.27 | | |
| h | 0.005 | 0.015 | 0.13 | 0.38 | 8 |
| j | 0.036 | 0.046 | 0.91 | 1.17 | |
| K | 0.010 | | 0.25 | | |
| k | 0.030 | 0.046 | 0.76 | 1.17 | 3 |
| l | 0.500 | 0.625 | 12.7 | 15.9 | 2 |
| $l_1$ | | 0.020 | | 0.51 | 2 |
| $l_2$ | 0.250 | | 6.35 | | 2 |
| P | 0.125 | | 3.18 | | 1 |
| Q | | 0.023 | | 0.58 | |
| R | | 0.010 | | 0.25 | |
| r | | 0.007 | | 0.18 | |
| α | 45° | | 45° | | 5 |

NOTES:

1. THIS ZONE IS CONTROLLED FOR AUTOMATIC HANDLING. THE VARIATION IN ACTUAL DIAMETER WITHIN THE ZONE SHALL NOT EXCEED 0.010" (0.25 MM).
2. (3 LEADS) $\phi b_2$ APPLIES BETWEEN $l_1$ AND $l_2$. $\phi b_3$ APPLIES BETWEEN $l_2$ AND 0.5" FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN $l_1$ AND BEYOND 0.5" FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF ACTUAL DEVICE.
4. LEADS HAVING MAXIMUM DIAMETER (0.019", 0.438 MM), MEASURED IN GAGING PLANE 0.054" + 0.001" - 0.000" (1.372 MM + 0.025 MM - 0.000 MM) BELOW THE SEATING PLANE OF THE DEVICE SHALL BE WITHIN 0.007" (0.178 MM) OF THEIR TRUE LOCATIONS RELATIVE TO MAXIMUM WIDTH TAB.
5. TAB CENTERLINE.
6. CONCENTRIC TO $\phi a$ WITHIN 0.006" TOTAL INDICATOR READING. CAP FLANGE SHALL NEVER EXTEND BEYOND HEADER PERIPHERY. 0.005" MAX BURR OR WELD FLASH.
7. CONCENTRIC TO $\phi a$ WITHIN 0.006" TOTAL INDICATOR READING.
8. APPLIES TO THICKNESS OF TAB.

## TO 57

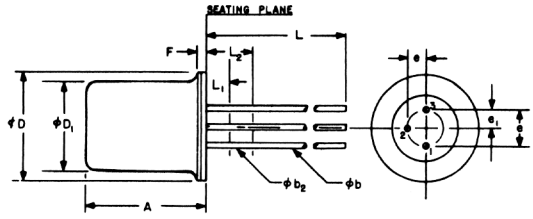



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .195 | .215 | 4.96 | 5.46 | |
| $\phi b$ | .016 | .019 | .407 | .482 | 1, 4 |
| $\phi D$ | .440 | .460 | 11.2 | 11.6 | |
| $\phi D_1$ | .220 | .230 | 5.59 | 5.84 | |
| $\phi D_2$ | .400 | .420 | 10.2 | 10.7 | |
| e | .200 T.P. | | 5.08 T.P. | | 4 |
| $e_1$ | .100 T.P. | | 2.54 T.P. | | 4 |
| F | | .030 | | .762 | |
| J | .278 | .318 | 2.11 | 2.61 | |
| L | 1.485 | 1.525 | 37.72 | 38.73 | 1 |
| N | .380 | .410 | 9.66 | 10.4 | |
| S | .100 T.P. | | 2.54 T.P. | | 4 |
| $S_1$ | .078 T.P. | | 1.98 T.P. | | 4 |
| $\phi W$ | .1141 | .1177 | 2.895 | 2.975 | 2, 3 |

NOTES:

1. (THREE LEADS), THE SPECIFIED LEAD DIAMETER APPLIES TO THE ZONE BETWEEN .050" (1.27 MM) AND .250" (6.35 MM) FROM THE REFERENCE PLANE. BETWEEN .250" (6.35 MM) AND END OF LEAD, A MAXIMUM OF .021" (.533 MM) IS HELD. OUTSIDE OF THE ZONES THE LEAD DIAMETER IS NOT CONTROLLED.
2. 6-32NC-2A. MAXIMUM PITCH DIAMETER OF PLATED THREADS SHALL BE BASIC PITCH DIAMETER (.1177", 2.98 MM). REFERENCE (SCREW THREAD STANDARDS FOR FEDERAL SERVICES 1957) HANDBOOK H28-PART 1.
3. COMPLETE THREADS SHALL EXTEND TO WITHIN THREE THREADS OF THE SEATING PLANE AND SHALL REMAIN WITHIN TOLERANCES TO WITHIN TWO THREADS OF TIP OF STUD.
4. MAXIMUM (.019", .483 MM) DIAMETER LEADS AND MAXIMUM (.230", 5.84 MM) STUD SHOULDER TO BE WITHIN .007" (.178 MM) RADIUS OF TRUE LOCATION RELATIVE TO THE (.460", 11.68 MM) DIAMETER FLANGE AT A GAUGING PLANE .054" (1.37 MM) + .001" (.025 MM), - .000" (.000 MM), FROM THE REFERENCE PLANE.

## TO 58

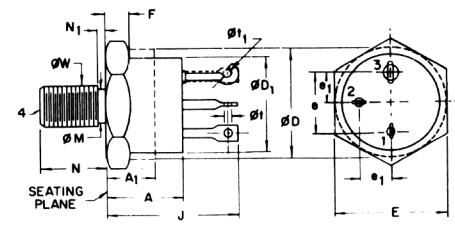



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .320 | .350 | 8.13 | 8.89 | |
| ϕb | | .021 | | .533 | 1 |
| $ϕb_2$ | .016 | .019 | .406 | .483 | 1 |
| ØD | .255 | .275 | 6.48 | 6.99 | |
| $ØD_1$ | .225 | .240 | 5.72 | 6.10 | |
| e | .100 T.P. | | 2.54 T.P. | | 2 |
| $e_1$ | .050 T.P. | | 1.27 T.P. | | 2 |
| F | .010 | .030 | .254 | .762 | |
| L | 1.500 | | 38.10 | | 1 |
| $L_1$ | .050 | | 1.27 | | 1 |
| $L_2$ | | .250 | | 6.35 | 1 |

NOTES:

1. (THREE LEADS) $ϕb_2$ APPLIES BETWEEN $L_1$ AND $L_2$. ϕb APPLIES BETWEEN $L_2$ AND 1.5" (38.10 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN $L_1$.
2. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .001" (.025 MM) BELOW THE SEATING PLANE OF THE DEVICE SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION.

## TO 59

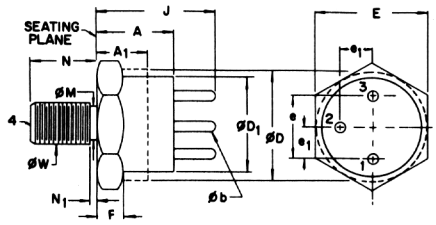



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .320 | .468 | 8.13 | 11.89 | |
| $A_1$ | | .250 | | 6.35 | 2 |
| ØD | .380 | .437 | 9.65 | 11.10 | 2 |
| $ØD_1$ | .318 | .380 | 8.08 | 9.65 | |
| E | .424 | .437 | 10.77 | 11.10 | |
| e | .185 | .215 | 4.70 | 5.46 | 5 |
| $e_1$ | .090 | .110 | 2.29 | 2.79 | 5 |
| F | .090 | .150 | 2.29 | 3.81 | 1 |
| J | .570 | .763 | 14.48 | 19.38 | |
| ØM | .163 | .189 | 4.14 | 4.80 | |
| N | .400 | .455 | 10.16 | 11.56 | |
| $N_1$ | | .078 | | 1.98 | |
| Øt | .040 | .065 | 1.02 | 1.65 | |
| $Øt_1$ | .045 | .070 | 1.14 | 1.78 | 4 |
| ØW | .1658 | .1697 | 4.212 | 4.310 | 3 |

NOTES:

1. DIMENSION DOES NOT INCLUDE SEALING FLANGES.
2. PACKAGE CONTOUR OPTIONAL WITHIN DIMENSIONS SPECIFIED.
3. PITCH DIAMETER - THREAD 10-32 UNF-2A (COATED). REFERENCE SCREW THREAD STANDARDS FOR FEDERAL SERVICES - HANDBOOK H-28).
4. THIS TERMINAL CAN BE FLATTENED AND PIERCED OR HOOK TYPE.
5. POSITION OF LEADS IN RELATION TO THE HEXAGON IS NOT CONTROLLED.

## TO 60

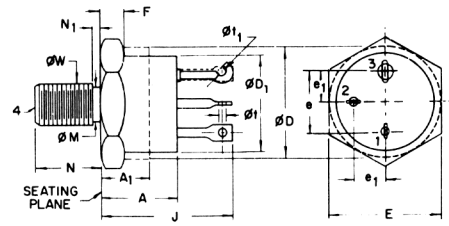



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .215 | .320 | 5.46 | 8.13 | |
| $A_1$ | | .165 | | 4.19 | 2 |
| ϕb | .030 | .046 | .762 | 1.17 | |
| ØD | .360 | .437 | 9.14 | 11.10 | 2 |
| $ØD_1$ | .320 | .360 | 8.13 | 9.14 | |
| E | .424 | .437 | 10.77 | 11.10 | |
| e | .185 | .215 | 4.70 | 5.46 | |
| $e_1$ | .090 | .110 | 2.29 | 2.79 | |
| F | .090 | .135 | 2.29 | 3.43 | 1 |
| J | .355 | .480 | 9.02 | 12.19 | |
| ØM | .163 | .189 | 4.14 | 4.80 | |
| N | .375 | .455 | 9.53 | 11.56 | |
| $N_1$ | | .078 | | 1.98 | |
| ØW | .1658 | .1697 | 4.212 | 4.310 | 3 |

NOTES:

1. DIMENSION DOES NOT INCLUDE SEALING FLANGES.
2. PACKAGE CONTOUR OPTIONAL WITHIN DIMENSIONS SPECIFIED.
3. PITCH DIAMETER - THREAD 10-32 UNF-2A (COATED). REFERENCE (SCREW THREAD STANDARDS FOR FEDERAL SERVICES - HANDBOOK H-28).

## TO 61

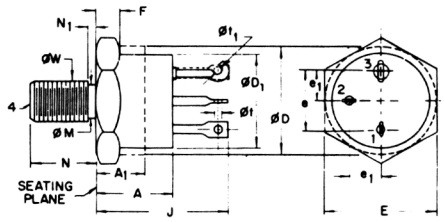



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .325 | .460 | 8.26 | 11.68 | |
| $A_1$ | | .270 | | 6.86 | 2 |
| ØD | .610 | .687 | 15.49 | 17.45 | 2 |
| $ØD_1$ | .570 | .610 | 14.48 | 15.49 | |
| E | .667 | .687 | 16.94 | 17.45 | |
| e | .340 | .415 | 8.64 | 10.54 | 5 |
| $e_1$ | .170 | .213 | 4.32 | 5.41 | 5 |
| F | .090 | .150 | 2.29 | 3.81 | 1 |
| J | .640 | .875 | 16.26 | 22.23 | |
| ØM | .220 | .249 | 5.59 | 6.32 | |
| N | .422 | .455 | 10.72 | 11.56 | |
| $N_1$ | | .090 | | 2.29 | |
| Øt | .047 | .072 | 1.19 | 1.83 | |
| $Øt_1$ | .046 | .077 | 1.17 | 1.96 | 4 |
| ØW | .2225 | .2268 | 5.651 | 5.761 | 3 |

NOTES:

1. DIMENSION DOES NOT INCLUDE SEALING FLANGES.
2. PACKAGE CONTOUR OPTIONAL WITHIN DIMENSIONS SPECIFIED.
3. PITCH DIAMETER - THREAD 1/4-28 UNF-2A (COATED). REFERENCE (SCREW THREAD STANDARDS FOR FEDERAL SERVICES - HANDBOOK H-28).
4. THIS TERMINAL CAN BE FLATTENED AND PIERCED OR HOOK TYPE.
5. POSITION OF LEADS IN RELATION TO THE HEXAGON IS NOT CONTROLLED.

## TO 62

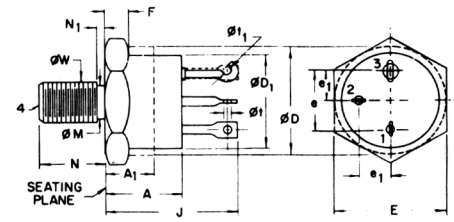



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .360 | .434 | 9.14 | 11.02 | |
| $A_1$ | | .270 | | 6.86 | 2 |
| ØD | .430 | .562 | 10.92 | 14.27 | 2 |
| $ØD_1$ | .410 | .430 | 10.41 | 10.92 | |
| E | .544 | .562 | 13.82 | 14.27 | |
| e | .235 | .265 | 5.97 | 6.73 | 5 |
| $e_1$ | .115 | .135 | 2.92 | 3.43 | 5 |
| F | .090 | .150 | 2.29 | 3.81 | 1 |
| J | .687 | .737 | 17.45 | 18.72 | |
| ØM | .163 | .189 | 4.14 | 4.80 | |
| N | .403 | .498 | 10.24 | 12.65 | |
| $N_1$ | | .078 | | 1.98 | |
| Øt | .042 | .071 | 1.07 | 1.80 | |
| $Øt_1$ | .046 | .069 | 1.17 | 1.75 | 4 |
| ØW | .1658 | .1697 | 4.211 | 4.310 | 3 |

NOTES:

1. DIMENSION DOES NOT INCLUDE SEALING FLANGES.
2. PACKAGE CONTOUR OPTIONAL WITHIN DIMENSIONS SPECIFIED.
3. PITCH DIAMETER - THREAD 10-32 UNF-2A (COATED). REFERENCE (SCREW THREAD STANDARDS FOR FEDERAL SERVICES - HANDBOOK H-28).
4. THIS TERMINAL CAN BE FLATTENED AND PIERCED OR HOOK TYPE.
5. POSITION OF LEADS IN RELATION TO THE HEXAGON IS NOT CONTROLLED.

## TO 63

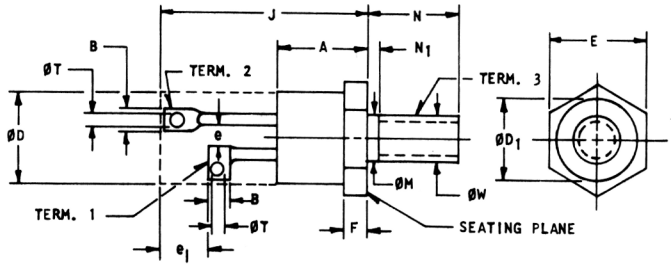



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .480 | .535 | 12.19 | 13.59 | |
| $A_1$ | | .300 | | 7.62 | 2 |
| ØD | .775 | .875 | 19.69 | 22.23 | 2 |
| $ØD_1$ | .745 | .775 | 18.92 | 19.69 | |
| E | .855 | .875 | 21.72 | 22.23 | |
| e | .485 | .515 | 12.32 | 13.08 | 5 |
| $e_1$ | .240 | .260 | 6.10 | 6.60 | 5 |
| F | .090 | .167 | 2.29 | 4.24 | 1 |
| J | .937 | 1.030 | 23.80 | 26.16 | |
| ØM | .278 | .312 | 7.06 | 7.92 | |
| N | .460 | .495 | 11.68 | 12.57 | |
| $N_1$ | | .105 | | 2.67 | |
| Øt | .060 | .105 | 1.52 | 2.67 | |
| $Øt_1$ | .060 | .105 | 1.52 | 2.67 | 4 |
| ØW | .2806 | .2854 | 7.127 | 7.249 | 3 |

NOTES:

1. DIMENSION DOES NOT INCLUDE SEALING FLANGES.
2. PACKAGE CONTOUR OPTIONAL WITHIN DIMENSIONS SPECIFIED.
3. PITCH DIAMETER - THREAD 5/16-24 UNF-2A (COATED). REFERENCE (SCREW THREAD STANDARDS FOR FEDERAL SERVICES - HANDBOOK H-28).
4. THIS TERMINAL CAN BE FLATTENED AND PIERCED OR HOOK TYPE.
5. POSITION OF LEADS IN RELATION TO THE HEXAGON IS NOT CONTROLLED.

## TO 64

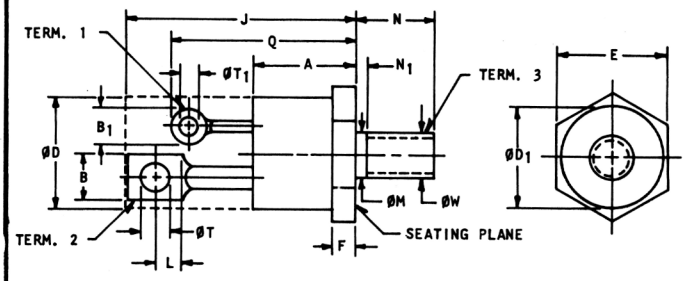



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .300 | .400 | 7.62 | 10.16 | |
| B | .080 | .136 | 2.03 | 3.45 | 1 |
| ØD | | .424 | | 10.77 | 2 |
| $ØD_1$ | .400 | | 10.16 | | 3, 4 |
| E | .424 | .437 | 10.77 | 11.10 | |
| e | .013 | | .330 | | 7 |
| $e_1$ | .060 | | 1.52 | | 5 |
| F | .060 | .175 | 1.52 | 4.45 | 4 |
| J | .700 | .855 | 17.78 | 21.72 | 2 |
| ØM | .163 | .189 | 4.14 | 4.80 | |
| N | .400 | .453 | 10.16 | 11.51 | |
| $N_1$ | | .078 | | 1.98 | |
| ØT | .040 | .075 | 1.02 | 1.91 | |
| ØW | .1658 | .1697 | 4.212 | 4.310 | 6 |

NOTES:

1. CONTOUR AND ORIENTATION OF FIXED TERMINAL LUGS ARE OPTIONAL.
2. THE OUTLINE CONTOUR (WITH EXCEPTION OF HEXAGON) IS OPTIONAL WITHIN ZONE DEFINED BY ØD AND J.
3. MINIMUM DIAMETER OF SEATING PLANE.
4. A CHAMFER (OR UNDERCUT) ON ONE OR BOTH ENDS OF HEXAGONAL PORTION IS OPTIONAL.
5. MINIMUM DIFFERENCE IN TERMINAL LENGTHS TO ESTABLISH DATUM LINE FOR NUMBERING TERMINALS.
6. PITCH DIAMETER - THREAD 10-32 NF-2A (COATED). REFERENCE (SCREW THREAD STANDARDS FOR FEDERAL SERVICES 1957) HANDBOOK 1957 H28.
7. MINIMUM SPACING BETWEEN TERMINALS.

## TO 65

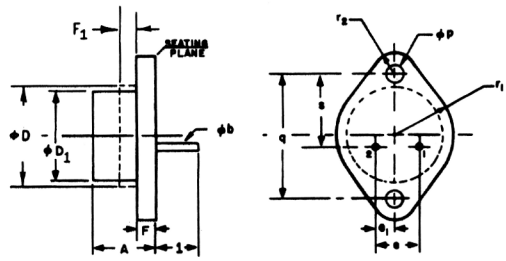



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .300 | .565 | 7.62 | 14.35 | |
| B | .200 | .300 | 5.08 | 7.62 | 1 |
| $B_1$ | .100 | .140 | 2.54 | 3.56 | 1 |
| ØD | | .667 | | 16.94 | 2 |
| $ØD_1$ | .600 | | 15.24 | | 3, 4 |
| E | .667 | .687 | 16.94 | 17.45 | |
| F | .113 | .200 | 2.87 | 5.08 | 4 |
| J | 1.000 | 1.250 | 25.40 | 31.75 | 2 |
| L | .120 | | 3.05 | | 6 |
| ØM | .220 | .249 | 5.59 | 6.32 | |
| N | .422 | .453 | 10.72 | 11.51 | |
| $N_1$ | | .090 | | 2.29 | |
| Q | .700 | .885 | 17.78 | 22.48 | |
| ØT | .125 | .165 | 3.18 | 4.19 | |
| $ØT_1$ | .055 | .075 | 1.40 | 1.91 | |
| ØW | .2225 | .2268 | 5.652 | 5.760 | 5 |

NOTES:

1. CONTOUR AND ORIENTATION OF FIXED TERMINAL LUGS ARE OPTIONAL.
2. THE OUTLINE CONTOUR (WITH EXCEPTION OF HEXAGON) IS OPTIONAL WITHIN ZONE DEFINED BY ØD AND J.
3. MINIMUM DIAMETER OF SEATING PLANE.
4. A CHAMFER (OR UNDERCUT) ON ONE OR BOTH ENDS OF HEXAGONAL PORTION IS OPTIONAL.
5. PITCH DIAMETER - THREAD 1/4-28 UNF-2A (COATED). REFERENCE (SCREW THREAD STANDARDS FOR FEDERAL SERVICES 1957) HANDBOOK 1957 H28.
6. MINIMUM FLAT.

## TO 66

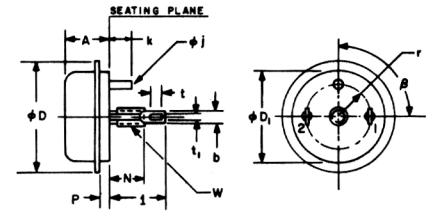



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .250 | .340 | 6.35 | 8.64 | |
| ϕb | .028 | .034 | .711 | .863 | |
| ϕD | | .620 | | 15.75 | |
| $\phi D_1$ | .470 | .500 | 11.94 | 12.70 | |
| e | .190 | .210 | 4.83 | 5.33 | |
| $e_1$ | .093 | .107 | 2.36 | 2.72 | |
| F | .050 | .075 | 1.27 | 1.91 | 2 |
| $F_1$ | | .050 | | 1.27 | 1 |
| l | .360 | | 9.14 | | |
| ϕp | .142 | .152 | 3.61 | 3.86 | |
| q | .958 | .962 | 24.33 | 24.43 | |
| $r_1$ | | .350 | | 8.89 | |
| $r_2$ | | .145 | | 3.68 | |
| s | .570 | .590 | 14.48 | 14.99 | |

NOTES:

1. THE OUTLINE CONTOUR IS OPTIONAL WITHIN ZONE DEFINED BY ØD AND $F_1$.
2. DIMENSION DOES NOT INCLUDE SEALING FLANGES.

## TO 67

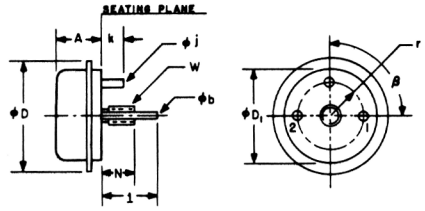



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .275 | .500 | 6.99 | 12.70 | |
| b | .100 | .185 | 2.54 | 4.70 | |
| ØD | | 1.250 | | 31.75 | |
| $ØD_1$ | .990 | 1.010 | 25.15 | 25.65 | 1 |
| Øj | .090 | .140 | 2.29 | 3.56 | 4 |
| k | .100 | .312 | 2.54 | 7.92 | 4 |
| l | .610 | .710 | 15.49 | 18.03 | |
| N | .375 | .500 | 9.53 | 12.70 | |
| P | .050 | | 1.27 | | |
| r | .335 | .355 | 8.51 | 9.02 | 1 |
| t | .120 | .145 | 3.05 | 3.68 | |
| $t_1$ | .070 | .120 | 1.78 | 3.05 | |
| W | .1658 | .1697 | 4.212 | 4.310 | 2, 3 |
| β | 85° | 95° | 85° | 95° | 1 |

NOTES:

1. MEASURED AT SEATING PLANE.
2. COMPLETE THREADS TO EXTEND TO WITHIN 3-1/2 THREADS OF SEATING PLANE.
3. PITCH DIAMETER OF 10-32 NF-2A (COATED) THREADS. (ASA B1.1-1960)
4. MECHANICAL INDEX.

## TO 68

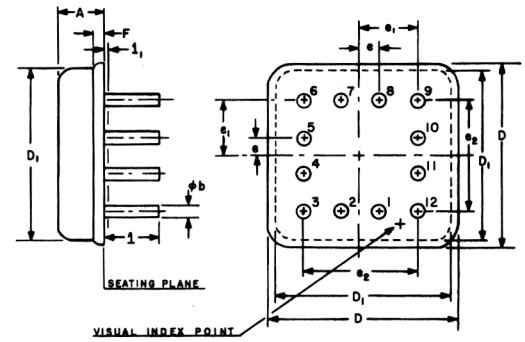



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .275 | .500 | 6.99 | 12.70 | |
| Øb | .040 | .095 | 1.02 | 2.41 | |
| ØD | | 1.250 | | 31.75 | |
| $ØD_1$ | .990 | | 25.15 | | 1 |
| Øj | .090 | .140 | 2.29 | 3.56 | 4 |
| k | .100 | .312 | 2.54 | 7.92 | 4 |
| l | .610 | .710 | 15.49 | 18.03 | |
| N | .375 | .500 | 9.53 | 12.70 | |
| r | .335 | .355 | 8.51 | 9.02 | 1 |
| W | .1658 | .1697 | 4.212 | 4.310 | 2, 3 |
| β | 85° | 95° | 85° | 95° | 1 |

NOTES:

1. MEASURED AT SEATING PLANE.
2. COMPLETE THREADS TO EXTEND TO WITHIN 3-1/2 THREADS OF SEATING PLANE.
3. PITCH DIAMETER OF 10-32 NF-2A (COATED) THREADS. (ASA B1.1-1960)
4. MECHANICAL INDEX.

## TO 69

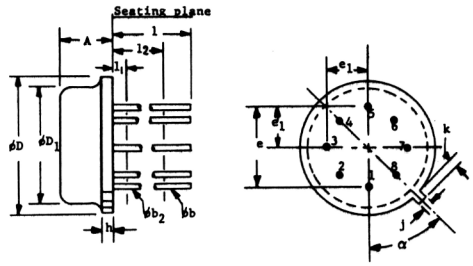



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .075 | .085 | 1.905 | 2.159 | |
| Øb | .016 | .019 | .406 | .483 | 2 |
| D | .295 | .305 | 7.49 | 7.75 | |
| $D_1$ | .275 | .285 | 6.99 | 7.24 | |
| e | .033 T.P. | | .838 T.P. | | 1 |
| $e_1$ | .098 T.P. | | 2.49 T.P. | | 1 |
| $e_2$ | .195 T.P. | | 4.95 T.P. | | 1 |
| F | .030 | .050 | .762 | 1.270 | |
| l | .070 | | 1.78 | | |
| $l_1$ | | .025 | | .635 | 2 |

NOTES:

1. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .025" (.635 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE DEVICE SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITIONS.
2. LEAD THICKNESS UNCONTROLLED IN THIS ZONE.

## TO 70




| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .065 | .085 | 1.65 | 2.16 | |
| øb | .016 | .021 | .406 | .533 | 2 |
| $øb_2$ | .016 | .019 | .406 | .483 | 2 |
| øD | .240 | .270 | 6.10 | 6.86 | |
| $øD_1$ | .205 | .240 | 5.21 | 6.10 | |
| e | .141 T.P. | | 3.58 T.P. | | 4 |
| $e_1$ | .071 T.P. | | 1.80 T.P. | | 4 |
| h | | .040 | | 1.02 | |
| j | .015 | .025 | .381 | .635 | |
| k | .015 | .025 | .381 | .635 | 3 |
| l | .500 | | 12.70 | | 2 |
| $l_1$ | | .050 | | 1.27 | 2 |
| $l_2$ | .250 | | 6.35 | | 2 |
| α | 45° T.P. | | 45° T.P. | | 4, 6 |

NOTES:

1 (EIGHT LEADS). MAXIMUM NUMBER OF LEADS OMITTED IN THIS OUTLINE, "THREE" (3). THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION. OUTLINE DESIGNATION DETERMINED BY THE LOCATION AND MINIMUM ANGULAR SPACING OF ANY TWO ADJACENT LEADS.

2. (ALL LEADS) $øb_2$ APPLIES BETWEEN $l_1$ AND $l_2$. øb APPLIES BETWEEN $l_2$ AND .500" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN $l_1$ AND BEYOND .500" (12.70 MM) FROM SEATING PLANE.

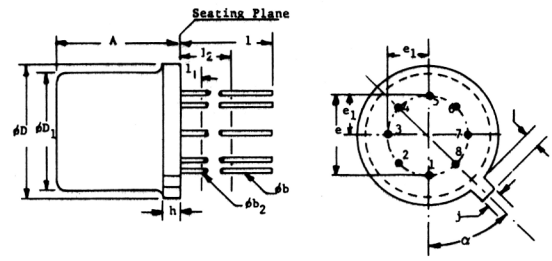
3. MEASURED FROM MAXIMUM DIAMETER OF THE PRODUCT.

4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE PRODUCT SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION RELATIVE TO A MAXIMUM WIDTH TAB.

5. THE PRODUCT MAY BE MEASURED BY DIRECT METHODS OR BY GAGE.

6. TAB CENTERLINE.

## TO 71




| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .170 | .210 | 4.32 | 5.33 | |
| øb | .016 | .021 | .406 | .533 | 2 |
| $øb_2$ | .016 | .019 | .406 | .483 | 2 |
| øD | .209 | .230 | 5.31 | 5.84 | |
| $øD_1$ | .175 | .195 | 4.45 | 4.95 | |
| e | .100 T.P. | | 2.54 T.P. | | 4 |
| $e_1$ | .050 T.P. | | 1.27 T.P. | | 4 |
| h | | .030 | | .762 | |
| j | .036 | .046 | .914 | 1.17 | |
| k | .028 | .048 | .711 | 1.22 | 3 |
| l | .500 | | 12.70 | | 2 |
| $l_1$ | | .050 | | 1.27 | 2 |
| $l_2$ | .250 | | 6.35 | | 2 |
| α | 45° T.P. | | 45° T.P. | | 4, 6 |

NOTES:

1. (EIGHT LEADS). MAXIMUM NUMBER OF LEADS OMITTED IN THIS OUTLINE, "THREE" (3). THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION. OUTLINE DESIGNATION DETERMINED BY THE LOCATION AND MINIMUM ANGULAR SPACING OF ANY TWO ADJACENT LEADS.

2. (ALL LEADS) $øb_2$ APPLIES BETWEEN $l_1$ AND $l_2$. øb APPLIES BETWEEN $l_2$ AND .500" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN $l_1$ AND BEYOND .500" (12.70 MM) FROM SEATING PLANE.

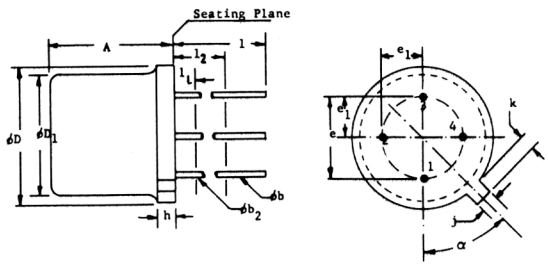
3. MEASURED FROM MAXIMUM DIAMETER OF THE PRODUCT.

4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE PRODUCT SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION RELATIVE TO A MAXIMUM WIDTH TAB.

5. THE PRODUCT MAY BE MEASURED BY DIRECT METHODS OR BY GAGE.

6. TAB CENTERLINE.

## TO 72




| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .170 | .210 | 4.32 | 5.33 | |
| øb | .016 | .021 | .406 | .533 | 2 |
| $øb_2$ | .016 | .019 | .406 | .483 | 2 |
| øD | .209 | .230 | 5.31 | 5.84 | |
| $øD_1$ | .178 | .195 | 4.52 | 4.95 | |
| e | .100 T.P. | | 2.54 T.P. | | 4 |
| $e_1$ | .050 T.P. | | 1.27 T.P. | | 4 |
| h | | .030 | | .762 | |
| j | .036 | .046 | .914 | 1.17 | |
| k | .028 | .048 | .711 | 1.22 | 3 |
| l | .500 | | 12.70 | | 2 |
| $l_1$ | | .050 | | 1.27 | 2 |
| $l_2$ | .250 | | 6.35 | | 2 |
| α | 45° T.P. | | 45° T.P. | | 4, 6 |

NOTES:

1. (FOUR LEADS). MAXIMUM NUMBER OF LEADS OMITTED IN THIS OUTLINE, "NONE" (0). THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION. OUTLINE DESIGNATION DETERMINED BY THE LOCATION AND MINIMUM ANGULAR OR LINEAR SPACING OF ANY TWO ADJACENT LEADS.

2. (ALL LEADS) $øb_2$ APPLIES BETWEEN $l_1$ AND $l_2$. øb APPLIES BETWEEN $l_2$ AND .500" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN $l_1$ AND BEYOND .500" (12.70 MM) FROM SEATING PLANE.

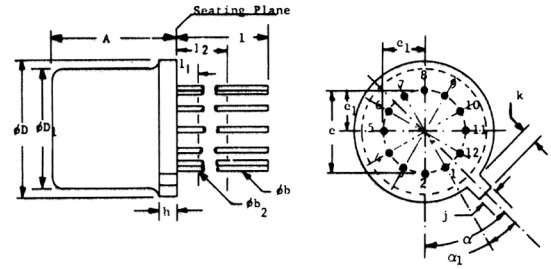
3. MEASURED FROM MAXIMUM DIAMETER OF THE PRODUCT.

4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE PRODUCT SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION RELATIVE TO A MAXIMUM WIDTH TAB.

5. THE PRODUCT MAY BE MEASURED BY DIRECT METHODS OR BY GAGE.

6. TAB CENTERLINE.

## TO 73




| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .240 | .260 | 6.10 | 6.60 | |
| øb | .016 | .021 | .406 | .533 | 2 |
| $øb_2$ | .016 | .019 | .406 | .483 | 2 |
| øD | .335 | .370 | 8.51 | 9.40 | |
| $øD_1$ | .305 | .335 | 7.75 | 8.51 | |
| e | .200 T.P. | | 5.08 T.P. | | 4 |
| $e_1$ | .100 T.P. | | 2.54 T.P. | | 4 |
| h | | .040 | | 1.02 | |
| j | .028 | .034 | .711 | .864 | |
| k | .029 | .045 | .737 | 1.14 | 3 |
| l | .500 | | 12.70 | | 2 |
| $l_1$ | | .050 | | 1.27 | 2 |
| $l_2$ | .250 | | 6.35 | | 2 |
| α | 45° T.P. | | 45° T.P. | | 4, 6 |
| $α_1$ | 15° T.P. | | 15° T.P. | | 4, 6 |

NOTES:

1. (TWELVE LEADS). MAXIMUM NUMBER OF LEADS OMITTED IN THIS OUTLINE, "ONE" (1). THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION. OUTLINE DESIGNATION DETERMINED BY THE LOCATION AND MINIMUM ANGULAR SPACING OF ANY TWO ADJACENT LEADS.

2. (ALL LEADS) $øb_2$ APPLIES BETWEEN $l_1$ AND $l_2$. øb APPLIES BETWEEN $l_2$ AND .500" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN $l_1$ AND BEYOND .500" (12.70 MM) FROM SEATING PLANE.

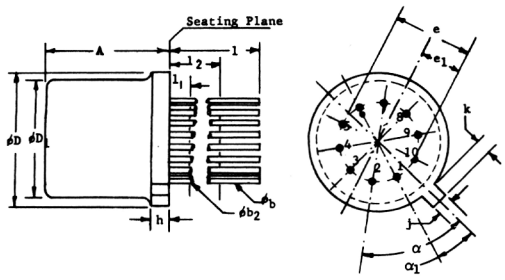
3. MEASURED FROM MAXIMUM DIAMETER OF THE PRODUCT.

4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE PRODUCT SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION RELATIVE TO A MAXIMUM WIDTH TAB.

5. THE PRODUCT MAY BE MEASURED BY DIRECT METHODS OR BY GAGE.

6. TAB CENTERLINE.

# TO 74

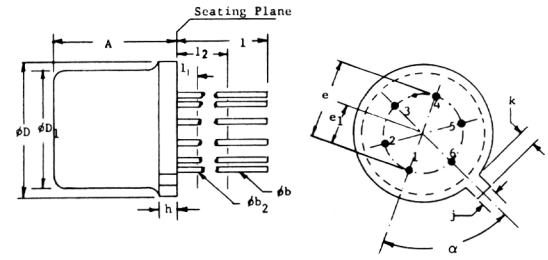



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .240 | .260 | 6.10 | 6.60 | |
| øb | .016 | .021 | .406 | .533 | 2 |
| $øb_2$ | .016 | .019 | .406 | .483 | 2 |
| øD | .335 | .370 | 8.51 | 9.40 | |
| $øD_1$ | .305 | .335 | 7.75 | 8.51 | |
| e | .200 T.P. | | 5.08 T.P. | | 4 |
| $e_1$ | .100 T.P. | | 2.54 T.P. | | 4 |
| h | | .040 | | 1.02 | |
| j | .028 | .034 | .711 | .864 | |
| k | .029 | .045 | .737 | 1.14 | 3 |
| l | .500 | | 12.70 | | 2 |
| $l_1$ | | .050 | | 1.27 | 2 |
| $l_2$ | .250 | | 6.35 | | 2 |
| α | 54° T.P. | | 54° T.P. | | 4, 6 |
| $α_1$ | 18° T.P. | | 18° T.P. | | 4, 6 |

NOTES:

1. (TEN LEADS). MAXIMUM NUMBER OF LEADS OMITTED IN THIS OUTLINE, "ONE" (1). THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION. OUTLINE DESIGNATION DETERMINED BY THE LOCATION AND MINIMUM ANGULAR SPACING OF ANY TWO ADJACENT LEADS.
2. (ALL LEADS) $øb_2$ APPLIES BETWEEN $l_1$ AND $l_2$. øb APPLIES BETWEEN $l_2$ AND .500" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN $l_1$ AND BEYOND .500" (12.70 MM) FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE PRODUCT.
4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE PRODUCT SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION RELATIVE TO A MAXIMUM WIDTH TAB.
5. THE PRODUCT MAY BE MEASURED BY DIRECT METHODS OR BY GAGE.
6. TAB CENTERLINE.

# TO 75

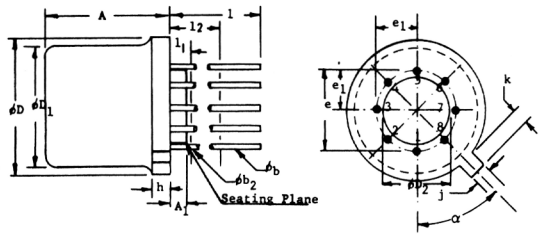



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .240 | .260 | 6.10 | 6.60 | |
| øb | .016 | .021 | .406 | .533 | 2 |
| $øb_2$ | .016 | .019 | .406 | .483 | 2 |
| øD | .335 | .370 | 8.51 | 9.40 | |
| $øD_1$ | .305 | .335 | 7.75 | 8.51 | |
| e | .200 T.P. | | 5.08 T.P. | | 4 |
| $e_1$ | .100 T.P. | | 2.54 T.P. | | 4 |
| h | | .040 | | 1.02 | |
| j | .028 | .034 | .711 | .864 | |
| k | .029 | .045 | .737 | 1.14 | 3 |
| l | .500 | | 12.70 | | 2 |
| $l_1$ | | .050 | | 1.27 | 2 |
| $l_2$ | .250 | | 6.35 | | 2 |
| α | 60° T.P. | | 60° T.P. | | 4, 6 |

NOTES:

1. (SIX LEADS). MAXIMUM NUMBER OF LEADS OMITTED IN THIS OUTLINE, "ONE" (1). THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION. OUTLINE DESIGNATION DETERMINED BY THE LOCATION AND MINIMUM ANGULAR SPACING OF ANY TWO ADJACENT LEADS.
2. (ALL LEADS) $øb_2$ APPLIES BETWEEN $l_1$ AND $l_2$. øb APPLIES BETWEEN $l_2$ AND .500" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN $l_1$ AND BEYOND .500" (12.70 MM) FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE PRODUCT.
4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE PRODUCT SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION RELATIVE TO A MAXIMUM WIDTH TAB.
5. THE PRODUCT MAY BE MEASURED BY DIRECT METHODS OR BY GAGE.
6. TAB CENTERLINE.

# TO 76

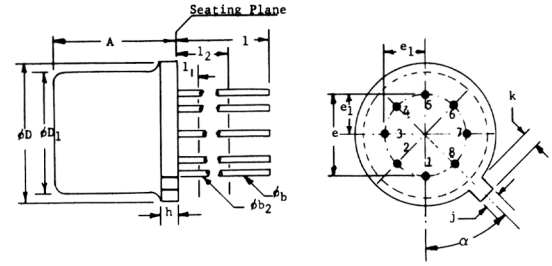



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .240 | .260 | 6.10 | 6.60 | |
| $A_1$ | .010 | .040 | .254 | 1.02 | |
| øb | .016 | .021 | .406 | .533 | 2 |
| $øb_2$ | .016 | .019 | .406 | .483 | 2 |
| øD | .335 | .370 | 8.51 | 9.40 | |
| $øD_1$ | .305 | .335 | 7.75 | 8.51 | |
| $øD_2$ | .140 | .160 | 3.56 | 4.06 | |
| e | .200 T.P. | | 5.08 T.P. | | 4 |
| $e_1$ | .100 T.P. | | 2.54 T.P. | | 4 |
| h | | .040 | | 1.02 | |
| j | .028 | .034 | .711 | .864 | |
| k | .029 | .045 | .737 | 1.14 | 3 |
| l | .500 | | 12.70 | | 2 |
| $l_1$ | | .050 | | 1.27 | 2 |
| $l_2$ | .250 | | 6.35 | | 2 |
| α | 45° T.P. | | 45° T.P. | | 4, 6 |

NOTES:

1. (EIGHT LEADS). MAXIMUM NUMBER OF LEADS OMITTED IN THIS OUTLINE, "THREE" (3). THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION. OUTLINE DESIGNATION DETERMINED BY THE LOCATION AND MINIMUM ANGULAR SPACING OF ANY TWO ADJACENT LEADS.
2. (ALL LEADS) $øb_2$ APPLIES BETWEEN $l_1$ AND $l_2$. øb APPLIES BETWEEN $l_2$ AND .500" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN $l_1$ AND BEYOND .500" (12.70 MM) FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE PRODUCT.
4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE PRODUCT SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION RELATIVE TO A MAXIMUM WIDTH TAB.
5. THE PRODUCT MAY BE MEASURED BY DIRECT METHODS OR BY GAGE.
6. TAB CENTERLINE.

# TO 77

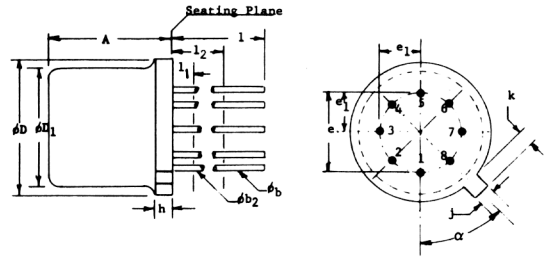



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .240 | .260 | 6.10 | 6.60 | |
| øb | .016 | .021 | .406 | .533 | 2 |
| $øb_2$ | .016 | .019 | .406 | .483 | 2 |
| øD | .335 | .370 | 8.51 | 9.40 | |
| $øD_1$ | .305 | .335 | 7.75 | 8.51 | |
| e | .200 T.P. | | 5.08 T.P. | | 4 |
| $e_1$ | .100 T.P. | | 2.54 T.P. | | 4 |
| h | | .040 | | 1.02 | |
| j | .028 | .034 | .711 | .864 | |
| k | .029 | .045 | .737 | 1.14 | 3 |
| l | .500 | | 12.70 | | 2 |
| $l_1$ | | .050 | | 1.27 | 2 |
| $l_2$ | .250 | | 6.35 | | 2 |
| α | 45° T.P. | | 45° T.P. | | 4, 6 |

NOTES:

1. (EIGHT LEADS). MAXIMUM NUMBER OF LEADS OMITTED IN THIS OUTLINE, "THREE" (3). THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION. OUTLINE DESIGNATION DETERMINED BY THE LOCATION AND MINIMUM ANGULAR OR LINEAR SPACING OF ANY TWO ADJACENT LEADS.
2. (ALL LEADS) $øb_2$ APPLIES BETWEEN $l_1$ AND $l_2$. øb APPLIES BETWEEN $l_2$ AND .500" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN $l_1$ AND BEYOND .500" (12.70 MM) FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE PRODUCT.
4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE PRODUCT SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION RELATIVE TO A MAXIMUM WIDTH TAB.
5. THE PRODUCT MAY BE MEASURED BY DIRECT METHODS OR BY GAGE.
6. TAB CENTERLINE.

## TO 78

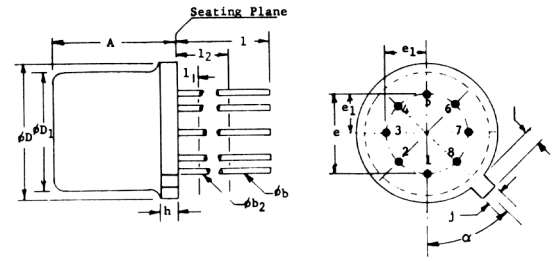



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .165 | .185 | 4.19 | 4.70 | |
| øb | .016 | .021 | .406 | .533 | 2 |
| $øb_2$ | .016 | .019 | .406 | .483 | 2 |
| øD | .335 | .370 | 8.51 | 9.40 | |
| $øD_1$ | .305 | .335 | 7.75 | 8.51 | |
| e | .200 T.P. | | 5.08 T.P. | | 4 |
| $e_1$ | .100 T.P. | | 2.54 T.P. | | 4 |
| h | | .040 | | 1.02 | |
| j | .028 | .034 | .711 | .864 | |
| k | .029 | .045 | .737 | 1.14 | 3 |
| l | .500 | | 12.70 | | 2 |
| $l_1$ | | .050 | | 1.27 | 2 |
| $l_2$ | .250 | | 6.35 | | 2 |
| α | 45° T.P. | | 45° T.P. | | 4, 6 |

NOTES:

1. (EIGHT LEADS). MAXIMUM NUMBER OF LEADS OMITTED IN THIS OUTLINE, "THREE" (3). THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION. OUTLINE DESIGNATION DETERMINED BY THE LOCATION AND MINIMUM ANGULAR SPACING OF ANY TWO ADJACENT LEADS.
2. (ALL LEADS) $øb_2$ APPLIES BETWEEN $l_1$ AND $l_2$. øb APPLIES BETWEEN $l_2$ AND .500" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN $l_1$ AND BEYOND .500" (12.70 MM) FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE PRODUCT.
4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE PRODUCT SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION RELATIVE TO A MAXIMUM WIDTH TAB.
5. THE PRODUCT MAY BE MEASURED BY DIRECT METHODS OR BY GAGE.
6. TAB CENTERLINE.

## TO 79

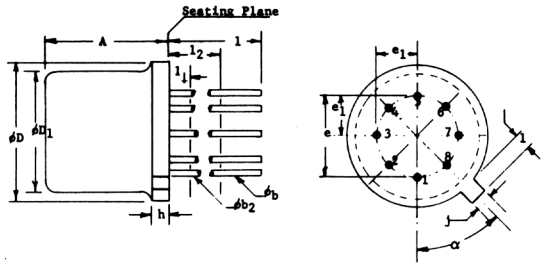



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .140 | .160 | 3.56 | 4.06 | |
| øb | .016 | .021 | .406 | .533 | 2 |
| $øb_2$ | .016 | .019 | .406 | .483 | 2 |
| øD | .335 | .370 | 8.51 | 9.40 | |
| $øD_1$ | .305 | .335 | 7.75 | 8.51 | |
| e | .200 T.P. | | 5.08 T.P. | | 4 |
| $e_1$ | .100 T.P. | | 2.54 T.P. | | 4 |
| h | | .040 | | 1.02 | |
| j | .028 | .034 | .711 | .864 | |
| k | .029 | .045 | .737 | 1.14 | 3 |
| l | .500 | | 12.70 | | 2 |
| $l_1$ | | .050 | | 1.27 | 2 |
| $l_2$ | .250 | | 6.35 | | 2 |
| α | 45° T.P. | | 45° T.P. | | 4, 6 |

NOTES:

1. (EIGHT LEADS). MAXIMUM NUMBER OF LEADS OMITTED IN THIS OUTLINE, "THREE" (3). THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION. OUTLINE DESIGNATION DETERMINED BY THE LOCATION AND MINIMUM ANGULAR SPACING OF ANY TWO ADJACENT LEADS.
2. (ALL LEADS) $øb_2$ APPLIES BETWEEN $l_1$ AND $l_2$. øb APPLIES BETWEEN $l_2$ AND .500" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN $l_1$ AND BEYOND .500" (12.70 MM) FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE PRODUCT.
4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE PRODUCT SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION RELATIVE TO A MAXIMUM WIDTH TAB.
5. THE PRODUCT MAY BE MEASURED BY DIRECT METHODS OR BY GAGE.
6. TAB CENTERLINE.

## TO 80

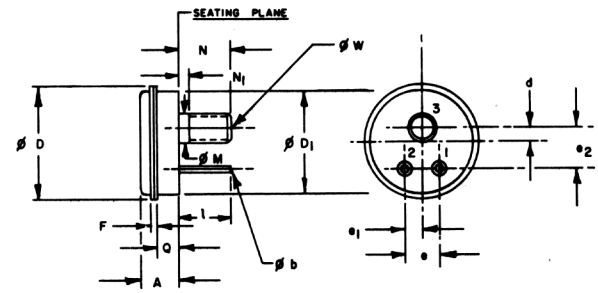



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .085 | .105 | 2.16 | 2.67 | 2 |
| øb | .016 | .021 | .406 | .533 | 2 |
| $øb_2$ | .016 | .019 | .406 | .483 | |
| øD | .335 | .370 | 8.51 | 9.40 | |
| $øD_1$ | .305 | .335 | 7.75 | 8.51 | |
| e | .200 T.P. | | 5.08 T.P. | | 4 |
| $e_1$ | .100 T.P. | | 2.54 T.P. | | 4 |
| h | | .040 | | 1.02 | |
| j | .028 | .034 | .711 | .864 | |
| k | .029 | .045 | .737 | 1.14 | 3 |
| l | .500 | | 12.70 | | 2 |
| $l_1$ | | .050 | | 1.27 | 2 |
| $l_2$ | .250 | | 6.35 | | 2 |
| α | 45° T.P. | | 45° T.P. | | 4, 6 |

NOTES:

1. (EIGHT LEADS). MAXIMUM NUMBER OF LEADS OMITTED IN THIS OUTLINE, "THREE" (3). THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION. OUTLINE DESIGNATION DETERMINED BY THE LOCATION AND MINIMUM ANGULAR SPACING OF ANY TWO ADJACENT LEADS.
2. (ALL LEADS) $øb_2$ APPLIES BETWEEN $l_1$ AND $l_2$. øb APPLIES BETWEEN $l_2$ AND .500" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN $l_1$ AND BEYOND .500" (12.70 MM) FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE PRODUCT.
4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE PRODUCT SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION RELATIVE TO A MAXIMUM WIDTH TAB.
5. THE PRODUCT MAY BE MEASURED BY DIRECT METHODS OR BY GAGE.
6. TAB CENTERLINE.

## TO 81

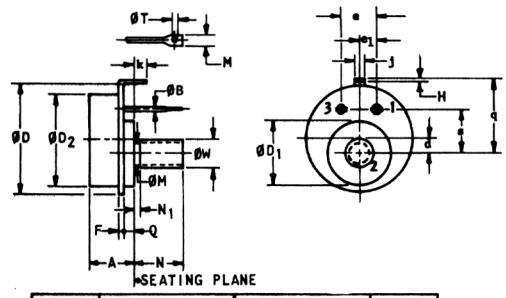



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .380 | .415 | 9.78 | 10.54 | |
| øb | .055 | .071 | 1.40 | 1.80 | |
| øD | 1.230 | 1.300 | 31.25 | 33.02 | |
| $øD_1$ | 1.125 | 1.135 | 28.68 | 28.93 | 1 |
| d | .151 | .161 | 3.84 | 4.08 | 1 |
| e | .370 | .382 | 9.40 | 9.71 | 1 |
| $e_1$ | .182 | .192 | 4.63 | 4.87 | 1 |
| $e_2$ | .435 | .450 | 11.05 | 11.44 | 1 |
| F | | .065 | | 1.65 | |
| l | .500 | | 12.70 | | |
| øM | .278 | .312 | 7.07 | 7.92 | |
| N | .545 | .575 | 13.85 | 14.60 | |
| $N_1$ | | .107 | | 2.71 | 3 |
| Q | .227 | .243 | 5.77 | 6.17 | |
| øW | .2806 | .2854 | 7.13 | 7.24 | 2 |

NOTES:

1. MEASURED AT SEATING PLANE.
2. PITCH DIAMETER OF 5/16-24 UNF-2A (COATED) THREAD (ASA B1.1-1960).
3. LENGTH OF INCOMPLETE OR UNDERCUT THREADS.

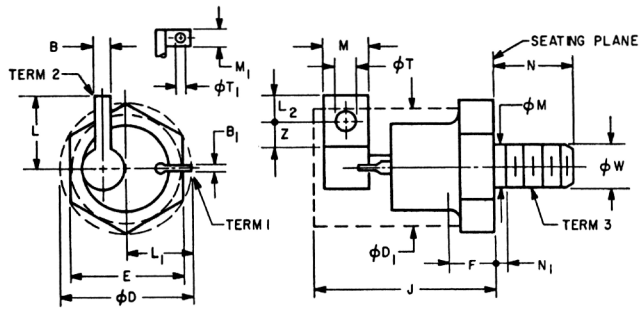
## TO 82




| SYM. | INCHES | | MILLIMETERS | | NOTES |
|---|---|---|---|---|---|
| | MIN. | MAX. | MIN. | MAX. | |
| A | .500 | .560 | 12.70 | 14.22 | |
| ØB | .045 | .060 | 1.15 | 1.52 | 5 |
| d | .140 | .170 | 3.56 | 4.31 | |
| ØD | 1.240 | 1.280 | 31.50 | 32.51 | |
| $ØD_1$ | .730 | .770 | 18.55 | 19.55 | |
| $ØD_2$ | — | 1.125 | — | 28.57 | |
| e | .360 | .400 | 9.15 | 10.16 | |
| e1 | .180 | .200 | 4.58 | 5.08 | |
| F | .035 | .060 | .89 | 1.52 | |
| k | .130 | .190 | 3.31 | 4.82 | |
| J | .140 | .170 | 3.56 | 4.31 | |
| H | .014 | .025 | .36 | .60 | |
| M | .090 | .110 | 2.29 | 2.79 | 1 |
| ØM | .278 | .312 | 7.07 | 7.92 | |
| N | .550 | .580 | 13.97 | 14.73 | |
| $N_1$ | — | .107 | — | 2.71 | 2 |
| q | .810 | .850 | 20.58 | 21.59 | |
| Q | .110 | .140 | 2.80 | 3.55 | 5 |
| s | .480 | .520 | 12.20 | 13.20 | 1 |
| ØT | .050 | .070 | 1.27 | 1.77 | 4 |
| ØW | .2806 | .2854 | 7.128 | 7.249 | 3 |

NOTES-
1-CONTOUR AND ORIENTATION OF TERMINAL FLATS ARE UNDEFINED.
2-LENGTH OF INCOMPLETE OR UNDERCUT THREADS.
3-PITCH DIA. OF 5/16-24 UNF-2A (COATED) THREADS (ASA B1.1).
4-DIA. OF HOLE OR WIDTH OF SLOT OUT EITHER SIDE OF TERMINALS.
5-LEAD DIAMETER UNCONTROLLED ABOVE THE SEATING PLANE.

## TO 83

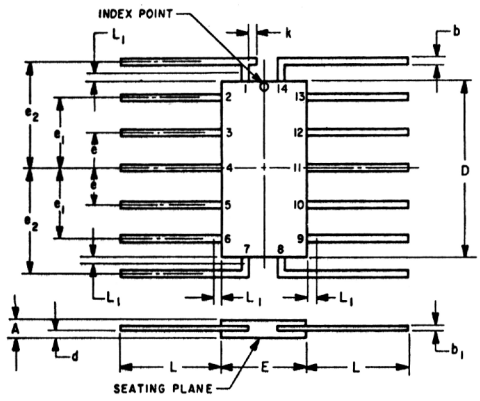



MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS

| SYMBOL | INCHES | | MILLIMETERS | | NOTES |
|---|---|---|---|---|---|
| | MIN. | MAX. | MIN. | MAX. | |
| B | .060 | .115 | 1.53 | 2.92 | 1 |
| $B_1$ | .012 | .050 | .31 | 1.27 | 1 |
| ØD | - | 1.227 | - | 31.16 | - |
| $ØD_1$ | - | 1.031 | - | 26.18 | 2 |
| E | 1.031 | 1.063 | 26.19 | 27.00 | - |
| F | .170 | .500 | 4.4 | 12.7 | 3 |
| J | - | 1.810 | - | 45.97 | 2 |
| L | - | .650 | - | 16.51 | 2 |
| $L_1$ | - | .575 | - | 14.60 | 2 |
| $L_2$ | .180 | - | 4.58 | - | - |
| M | .360 | .470 | 9.2 | 11.9 | 1 |
| $M_1$ | .115 | .160 | 2.93 | 4.06 | 1 |
| ØM | .425 | .499 | 10.80 | 12.67 | 4 |
| N | .797 | .827 | 20.25 | 21.00 | - |
| $N_1$ | - | .125 | - | 3.17 | 4 |
| ØT | .180 | .260 | 4.58 | 6.60 | - |
| $ØT_1$ | .060 | .080 | 1.53 | 2.03 | - |
| ØW | .4619 | .4675 | 11.733 | 11.874 | 5 |
| Z | .180 | - | 4.58 | - | 6 |

NOTES:
1. CONTOUR AND ORIENTATION OF FIXED TERMINAL LUGS ARE UNDEFINED.
2. THE BODY AND TERMINALS OF THE DEVICE, WITH THE EXCEPTION OF THE EXTENDED LUG LENGTH L AND L1, LIES WITHIN THE CYLINDER DEFINED BY $ØD_1$ AND LENGTH J.
3. A CHAMFER (OR UNDERCUT) ON ONE OR BOTH ENDS OF THE HEXAGONAL PORTIONS IS OPTIONAL.
4. LENGTH OF INCOMPLETE OR UNDERCUT THREADS OF ØM.
5. PITCH DIA. OF 1/2-20 UNF -2A (COATED) THREADS (ASA B1.1-1960).
6. MINIMUM FLAT.

## TO 84

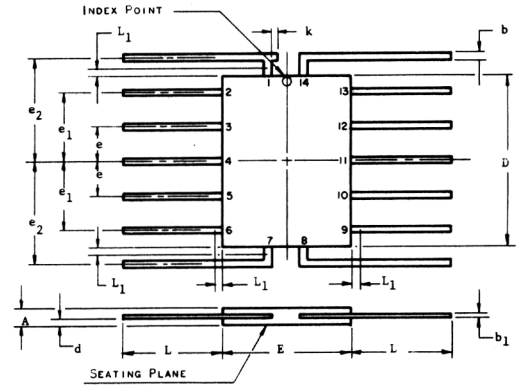



MILLIMETER DIMENSIONS ARE DERIVED FROM BASIC INCH DIMENSIONS

| SYMBOL | INCHES | | MILLIMETERS | | NOTES |
|---|---|---|---|---|---|
| | MIN. | MAX. | MIN. | MAX. | |
| A | .030 | .070 | .77 | 1.77 | - |
| b | .010 | .019 | .254 | .482 | 1 |
| $b_1$ | .003 | .006 | .077 | .152 | 1 |
| D | .240 | .260 | 6.10 | 6.60 | - |
| d | .005 | .035 | .13 | .88 | - |
| E | .135 | .155 | 3.43 | 3.93 | 4 |
| e | .045 | .055 | 1.15 | 1.39 | 2,4 |
| $e_1$ | .095 | .105 | 2.42 | 2.66 | 2,4 |
| $e_2$ | .145 | .155 | 3.69 | 3.93 | 2,3,4 |
| k | - | .015 | - | .38 | 5 |
| L | .070 | - | 1.78 | - | - |
| $L_1$ | - | .015 | - | .38 | 1 |

NOTES:
1. LEAD DIMENSIONS UNCONTROLLED IN THIS ZONE TO ALLOW FOR BODY AND LEAD FINISH IRREGULARITIES.
2. LEADS MISSING FROM THEIR DESIGNATED POSITIONS SHALL ALSO BE COUNTED WHEN NUMBERING LEADS FOR SPECIFIC APPLICATIONS.
3. SPACING AND ANGLE OF THE END LEADS AT THE POINT OF EMERGENCE OF BODY IS NOT CONTROLLED.
4. LEAD SPACING SHALL BE MEASURED WITHIN .030" (.762 MM) FROM THE POINT OF EMERGENCE FROM THE BODY OR, AS IN THE CASE OF END LEAD, FROM THE POINT WHERE THE EXTENSION OF THE BODY OUTLINE INTERSECTS THE END LEADS.
5. MECHANICAL INDEX, OPTIONAL.

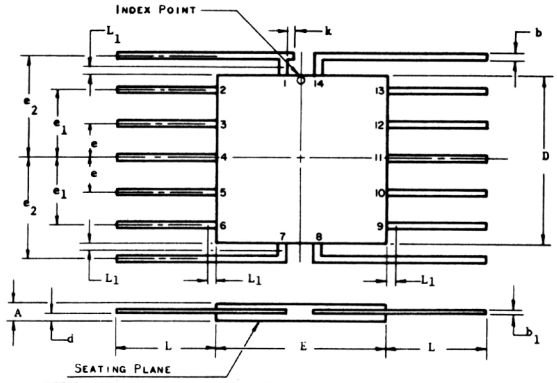
## TO 85




| SYMBOL | INCHES | | MILLIMETERS | | NOTE |
|---|---|---|---|---|---|
| | MIN. | MAX. | MIN. | MAX. | |
| A | .030 | .070 | .762 | 1.77 | |
| b | .010 | .019 | .254 | .482 | 1 |
| $b_1$ | .003 | .006 | .077 | .152 | 1 |
| D | .240 | .275 | 6.10 | 6.98 | |
| d | .005 | .035 | .127 | .889 | |
| E | .160 | .185 | 4.07 | 4.69 | 4 |
| e | .045 | .055 | 1.15 | 1.39 | 2,4 |
| $e_1$ | .095 | .105 | 2.42 | 2.66 | 2,4 |
| $e_2$ | .145 | .155 | 3.69 | 3.93 | 2,3,4 |
| k | - | .015 | - | .381 | 5 |
| L | .070 | - | 1.78 | - | |
| $L_1$ | - | .015 | - | .381 | 1 |

NOTES:
1. LEAD DIMENSIONS UNCONTROLLED IN THIS ZONE TO ALLOW FOR BODY AND LEAD FINISH IRREGULARITIES.
2. LEADS MISSING FROM THEIR DESIGNATED POSITIONS SHALL ALSO BE COUNTED WHEN NUMBERING LEADS FOR SPECIFIC APPLICATIONS.
3. SPACING AND ANGLE OF THE END LEADS AT THE POINT OF EMERGENCE OF BODY IS NOT CONTROLLED.
4. LEAD SPACING SHALL BE MEASURED WITHIN .030 (.762 MM) FROM THE POINT OF EMERGENCE FROM THE BODY OR, AS IN THE CASE OF END LEAD, FROM THE POINT WHERE THE EXTENSION OF THE BODY OUTLINE INTERSECTS THE END LEADS.
5. MECHANICAL INDEX, OPTIONAL

## TO 86

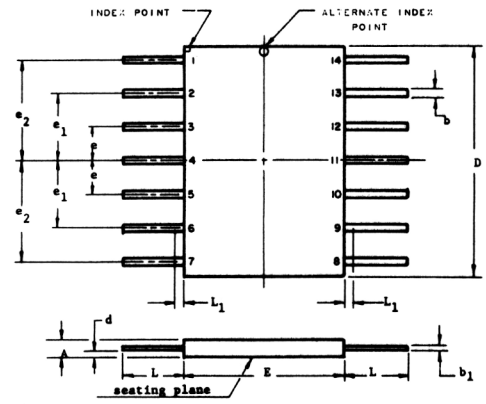



| SYMBOL | INCHES | | MILLIMETERS | | NOTE |
|---|---|---|---|---|---|
| | MIN. | MAX. | MIN. | MAX. | |
| A | .030 | .070 | .762 | 1.77 | |
| b | .010 | .019 | .254 | .482 | 1 |
| $b_1$ | .003 | .008 | .077 | .152 | 1 |
| D | .240 | .275 | 6.10 | 6.98 | |
| d | .005 | .035 | .127 | .889 | |
| E | .240 | .260 | 6.10 | 6.60 | 4 |
| e | .045 | .055 | 1.15 | 1.39 | 2,4 |
| $e_1$ | .095 | .105 | 2.42 | 2.66 | 2,4 |
| $e_2$ | .145 | .155 | 3.69 | 3.93 | 2,3,4 |
| k | - | .015 | - | .381 | 5 |
| L | .070 | - | 1.78 | - | |
| $L_1$ | - | .015 | - | .381 | 1 |

NOTES:

1. LEAD DIMENSIONS UNCONTROLLED IN THIS ZONE TO ALLOW FOR BODY AND LEAD FINISH IRREGULARITIES.
2. LEADS MISSING FROM THEIR DESIGNATED POSITIONS SHALL ALSO BE COUNTED WHEN NUMBERING LEADS FOR SPECIFIC APPLICATIONS.
3. SPACING AND ANGLE OF THE END LEADS AT THE POINT OF EMERGENCE OF BODY IS NOT CONTROLLED.
4. LEAD SPACING SHALL BE MEASURED WITHIN .030 (.762 MM) FROM THE POINT OF EMERGENCE FROM THE BODY OR, AS IN THE CASE OF END LEAD, FROM THE POINT WHERE THE EXTENSION OF THE BODY OUTLINE INTERSECTS THE END LEADS.
5. MECHANICAL INDEX, OPTIONAL

## TO 87

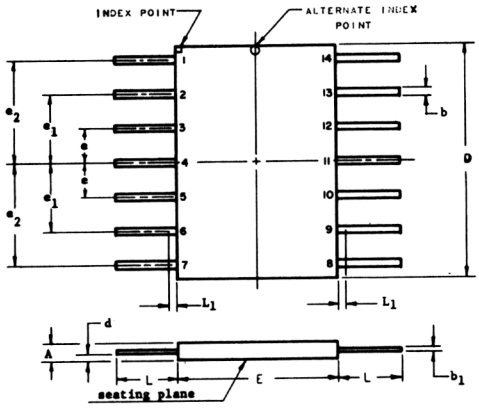



| SYMBOL | INCHES | | MILLIMETERS | | NOTE |
|---|---|---|---|---|---|
| | MIN | MAX | MIN | MAX | |
| A | .030 | .070 | .762 | 1.77 | |
| b | .010 | .019 | .254 | .482 | 1 |
| $b_1$ | .003 | .006 | .077 | .152 | 1 |
| D | .360 | .410 | 9.15 | 10.41 | |
| d | .005 | .035 | .127 | .889 | |
| E | .240 | .275 | 6.10 | 6.98 | |
| e | .045 | .055 | 1.15 | 1.39 | 2,3 |
| $e_1$ | .095 | .105 | 2.42 | 2.66 | 2,3 |
| $e_2$ | .145 | .155 | 3.69 | 3.93 | 2,3 |
| L | .070 | - | 1.78 | - | |
| $L_1$ | - | .015 | - | .381 | 1 |

NOTES:

1. LEAD DIMENSIONS UNCONTROLLED IN THIS ZONE TO ALLOW FOR BODY AND LEAD FINISH IRREGULARITIES.
2. LEADS MISSING FROM THEIR DESIGNATED POSITIONS SHALL ALSO BE COUNTED WHEN NUMBERING LEADS FOR SPECIFIC APPLICATIONS.
3. LEAD SPACING SHALL BE MEASURED WITHIN .030 (.762 MM) FROM THE POINT OF EMERGENCE FROM THE BODY.

## TO 88

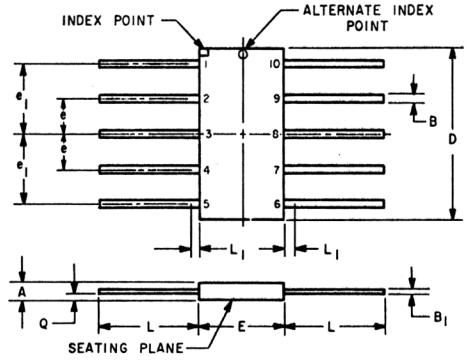



| SYMBOL | INCHES | | MILLIMETERS | | NOTE |
|---|---|---|---|---|---|
| | MIN | MAX | MIN | MAX | |
| A | .030 | .070 | .762 | 1.77 | |
| b | .010 | .019 | .254 | .482 | 1 |
| $b_1$ | .003 | .006 | .077 | .152 | 1 |
| D | .330 | .350 | 8.38 | 8.89 | |
| d | .005 | .035 | .127 | .889 | |
| E | .240 | .260 | 6.10 | 6.60 | |
| e | .045 | .055 | 1.15 | 1.39 | 2,3 |
| $e_1$ | .095 | .105 | 2.42 | 2.66 | 2,3 |
| $e_2$ | .145 | .155 | 3.69 | 3.93 | 2,3 |
| L | .070 | - | 1.78 | - | |
| $L_1$ | - | .015 | | .381 | 1 |

NOTES:

1. LEAD DIMENSIONS UNCONTROLLED IN THIS ZONE TO ALLOW FOR BODY AND LEAD FINISH IRREGULARITIES.
2. LEADS MISSING FROM THEIR DESIGNATED POSITIONS SHALL ALSO BE COUNTED WHEN NUMBERING LEADS FOR SPECIFIC APPLICATIONS.
3. LEAD SPACING SHALL BE MEASURED WITHIN .030 (.762 MM) FROM THE POINT OF EMERGENCE FROM THE BODY.

## TO 89



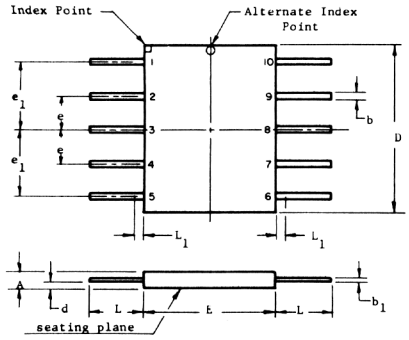

MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS

| SYMBOL | INCHES | | MILLIMETERS | | NOTES |
|---|---|---|---|---|---|
| | MIN. | MAX. | MIN. | MAX. | |
| A | .030 | .070 | .77 | 1.77 | - |
| B | .010 | .019 | .254 | .482 | 1 |
| $B_1$ | .003 | .006 | .077 | .152 | 1 |
| D | .240 | .290 | 6.10 | 7.36 | - |
| E | .135 | .155 | 3.43 | 3.93 | - |
| e | .045 | .055 | 1.15 | 1.39 | 2,3 |
| $e_1$ | .095 | .105 | 2.42 | 2.66 | 2,3 |
| L | .070 | - | 1.78 | - | - |
| $L_1$ | - | .015 | - | .381 | 1 |
| Q | .005 | .035 | .127 | .889 | - |

NOTES:

1. LEAD DIMENSIONS UNCONTROLLED IN THIS ZONE TO ALLOW FOR BODY FLASH AND LEAD FINISH BUILD-UP.
2. LEADS MISSING FROM THEIR DESIGNATED POSITIONS SHALL BE COUNTED WHEN NUMBERING LEADS FOR SPECIFIC APPLICATIONS.
3. LEAD SPACING SHALL BE MEASURED WITHIN .030 (.762 MM) FROM THE POINT OF EMERGENCE FROM THE BODY.

## TO 90

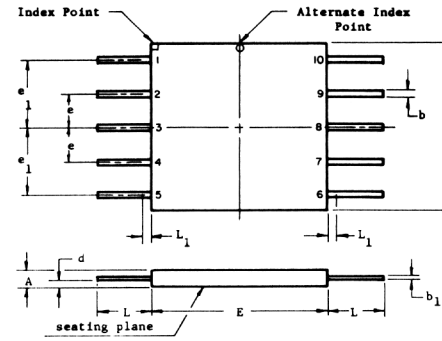



| SYMBOL | INCHES | | MILLIMETERS | | NOTE |
|---|---|---|---|---|---|
| | MIN | MAX | MIN | MAX | |
| A | .030 | .070 | .762 | 1.77 | |
| b | .010 | .019 | .254 | .482 | 1 |
| $b_1$ | .003 | .006 | .077 | .152 | 1 |
| D | .240 | .290 | 6.10 | 7.36 | |
| d | .005 | .035 | .127 | .889 | |
| E | .160 | .185 | 4.07 | 4.69 | |
| e | .045 | .055 | 1.15 | 1.39 | 2,3 |
| $e_1$ | .095 | .105 | 2.42 | 2.66 | 2,3 |
| L | .070 | - | 1.78 | - | |
| $L_1$ | - | .015 | - | .381 | 1 |

NOTES:

1. Lead Dimensions uncontrolled in this zone to allow for body and lead finish irregularities.
2. Leads missing from their designated positions shall also be counted when numbering leads for specific applications.
3. Lead spacing shall be measured within .030 (.762 mm) from the point of emergence from the body.

## TO 91



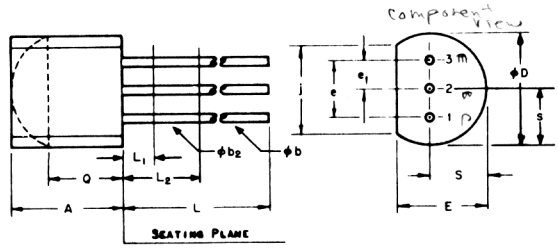

| SYMBOL | INCHES | | MILLIMETERS | | NOTE |
|---|---|---|---|---|---|
| | MIN | MAX | MIN | MAX | |
| A | .030 | .070 | .762 | 1.77 | |
| b | .010 | .019 | .254 | .482 | 1 |
| $b_1$ | .003 | .006 | .077 | .152 | 1 |
| D | .240 | .290 | 6.10 | 7.36 | |
| d | .005 | .035 | .127 | .889 | |
| E | .240 | .260 | 6.10 | 6.60 | |
| e | .045 | .055 | 1.15 | 1.39 | 2,3 |
| $e_1$ | .095 | .105 | 2.42 | 2.66 | 2,3 |
| L | .070 | - | 1.78 | - | |
| $L_1$ | - | .015 | - | .381 | 1 |

NOTES:

1. Lead Dimensions uncontrolled in this zone to allow for body and lead finish irregularities.
2. Leads missing from their designated positions shall also be counted when numbering leads for specific applications.
3. Lead spacing shall be measured within .030 (.762 mm) from the point of emergence from the body.

2N3704 NPN
2N3906 PNP

## TO 92

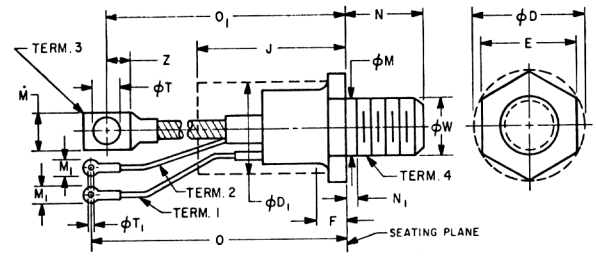



| SYMBOL | INCHES | | MILLIMETERS | | NOTES |
|---|---|---|---|---|---|
| | MIN. | MAX. | MIN. | MAX. | |
| A | .170 | .210 | 4.58 | 5.33 | |
| Øb | .016 | .021 | .407 | .533 | 1, 3 |
| $Øb_2$ | .016 | .019 | .407 | .482 | 3 |
| ØD | .175 | .205 | 4.96 | 5.20 | |
| E | .125 | .165 | 3.94 | 4.19 | |
| e | .095 | .105 | 2.42 | 2.66 | |
| $e_1$ | .045 | .055 | 1.15 | 1.39 | |
| j | .135 | | 3.43 | | |
| L | .500 | | 12.70 | | 1, 3 |
| $L_1$ | | .050 | | 1.27 | 3 |
| $L_2$ | .250 | | 6.35 | | 3 |
| Q | .115 | | 2.93 | | 2 |
| S | .080 | .105 | 2.42 | 2.66 | |

NOTES:

1. THREE LEADS
2. CONTOUR OF THE PACKAGE BEYOND THIS ZONE IS UNCONTROLLED.
3. (THREE LEADS) $Øb_2$ APPLIES BETWEEN $L_1$ AND $L_2$. Øb APPLIES BETWEEN $L_2$ AND .5" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN $L_1$ AND BEYOND .5" (12.70 MM) FROM SEATING PLANE.

## TO 93



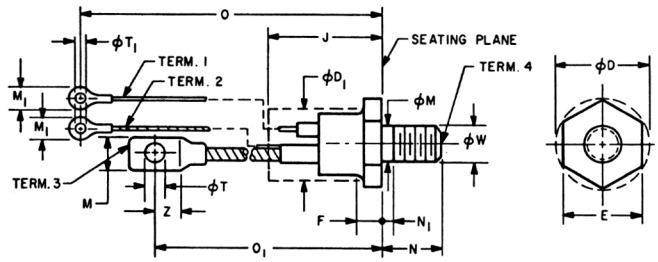

MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS

| SYMBOL | INCHES | | MILLIMETERS | | NOTES |
|---|---|---|---|---|---|
| | MIN. | MAX. | MIN. | MAX. | |
| ØD | - | 1.443 | - | 36.65 | - |
| $ØD_1$ | - | 1.212 | - | 30.78 | 1 |
| E | 1.212 | 1.250 | 30.79 | 31.75 | - |
| F | .230 | 1.000 | 5.9 | 25.4 | 5 |
| J | - | 3.625 | - | 92.07 | 1,7 |
| M | .530 | .755 | 13.5 | 19.1 | 2 |
| ØM | .660 | .749 | 16.77 | 19.02 | 3 |
| $M_1$ | .215 | .300 | 5.47 | 7.62 | 2,8 |
| N | 1.047 | 1.077 | 26.60 | 27.35 | - |
| $N_1$ | - | .156 | - | 3.96 | 3 |
| O | 7.350 | 8.100 | 186.7 | 205.7 | - |
| $O_1$ | 7.350 | 8.100 | 186.7 | 205.7 | - |
| ØT | .260 | .350 | 6.61 | 8.89 | - |
| $ØT_1$ | .140 | .155 | 3.56 | 3.93 | - |
| ØW | .7029 | .7094 | 17.854 | 18.018 | 4 |
| Z | .340 | - | 8.64 | - | 6 |

NOTES:

1. THE BODY OF THE DEVICE WITH EXCEPTION OF THE HEXAGON, THREAD, AND FLEXIBLE LEAD EXTENSIONS LIES WITHIN $ØD_1$ AND LENGTH J.
2. ANGULAR ORIENTATION OF THESE TERMINALS WITH RESPECT TO HEXAGON PORTION IS UNDEFINED. SQUARE OR RADIUS ON END OF TERMINALS IS OPTIONAL.
3. LENGTH OF INCOMPLETE OR UNDERCUT THREADS OF ØM.
4. PITCH DIAMETER OF 3/4-16UNF-2A (COATED) THREADS (ASA B1.1-1960).
5. A CHAMFER (OR UNDERCUT) ON ONE OR BOTH ENDS OF HEXAGON PORTION IS OPTIONAL.
6. MINIMUM FLAT.
7. SEATED HEIGHT WITH LEAD BENT AT RIGHT ANGLES.
8. FLEXIBLE LEADS FOR TERMINALS 1 AND 2 ARE IDENTIFIED BY COLOR CODING FOR SPECIFIC APPLICATIONS.

## TO 94



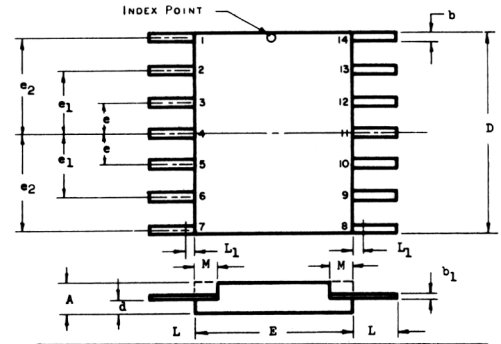

MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| ØD | - | 1.227 | - | 31.16 | - |
| $ØD_1$ | - | 1.031 | - | 26.18 | 1 |
| E | 1.031 | 1.063 | 26.19 | 27.00 | - |
| F | .170 | .500 | 4.4 | 12.7 | 5 |
| J | - | 2.500 | - | 63.50 | 1,7 |
| M | .437 | .650 | 11.1 | 16.5 | 2 |
| ØM | .425 | .499 | 10.80 | 12.67 | 3 |
| $M_1$ | .215 | .300 | 5.49 | 7.62 | 2,8 |
| N | .797 | .827 | 20.25 | 21.00 | - |
| $N_1$ | - | .125 | - | 3.17 | 3 |
| O | 6.850 | 7.500 | 174.0 | 190.5 | - |
| $O_1$ | 5.775 | 6.265 | 146.7 | 159.1 | - |
| $ØT$ | .260 | .310 | 6.61 | 7.87 | - |
| $ØT_1$ | .140 | .150 | 3.56 | 3.81 | - |
| ØW | .4619 | .4675 | 11.733 | 11.874 | 4 |
| Z | .250 | - | 6.35 | - | 6 |

NOTES:

1. THE DEVICE WITH THE EXCEPTION OF THE HEXAGON, THREAD, AND FLEXIBLE LEAD EXTENSION LIES WITHIN THE CYLINDER DEFINED BY $ØD_1$ AND LENGTH J.
2. ANGULAR ORIENTATION OF THESE TERMINALS WITH RESPECT TO HEXAGONAL PORTION IS UNDEFINED. SQUARE OR RADIUS ON END OF TERMINALS IS OPTIONAL
3. LENGTH OF INCOMPLETE OR UNDERCUT THREADS OF ØM.
4. PITCH DIAMETER OF 1/2-20 UNF-2A (COATED) THREADS (ASA B1.1-1960).
5. A CHAMFER (OR UNDERCUT) ON ONE OR BOTH ENDS OF HEXAGONAL PORTION IS OPTIONAL.
6. MINIMUM FLAT.
7. SEATED HEIGHT WITH LEADS BENT AT RIGHT ANGLES.
8. FLEXIBLE LEADS FOR TERM 1 AND 2 ARE IDENTIFIED BY COLOR CODING FOR SPECIFIC APPLICATIONS.

## TO 95

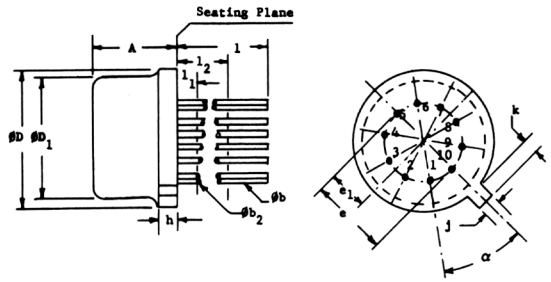



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .030 | .070 | .762 | 1.77 | |
| b | .010 | .019 | .254 | .482 | |
| $b_1$ | .003 | .006 | .077 | .152 | |
| D | .308 | .329 | 7.83 | 8.35 | |
| d | .005 | .035 | .127 | .889 | |
| E | .240 | .260 | 6.10 | 6.60 | |
| e | .045 | .055 | 1.15 | 1.39 | 2, 3 |
| $e_1$ | .095 | .105 | 2.42 | 2.66 | 2, 3 |
| $e_2$ | .145 | .155 | 3.69 | 3.93 | 2, 3 |
| L | .070 | | 1.78 | | |
| $L_1$ | | .015 | | .381 | 1 |
| M | | .040 | | 1.01 | 4 |

NOTES:

1. LEAD DIMENSION UNCONTROLLED IN THIS ZONE TO ALLOW FOR BODY AND LEAD FINISH IRREGULARITIES.
2. LEADS MISSING FROM THEIR DESIGNATED POSITIONS SHALL ALSO BE COUNTED WHEN NUMBERING LEADS FOR SPECIFIC APPLICATIONS.
3. LEAD SPACING SHALL BE MEASURED WITHIN .030" (.762 MM) FROM THE POINT OF EMERGENCE FROM THE BODY.
4. IRREGULARITY IN BODY OUTLINE NOT CONTROLLED IN THIS ZONE.

## TO 96

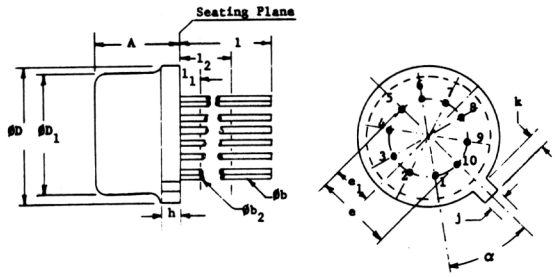



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .240 | .260 | 6.10 | 6.60 | |
| Øb | .016 | .021 | .406 | .533 | 2 |
| $Øb_2$ | .016 | .019 | .406 | .483 | 2 |
| ØD | .335 | .370 | 8.51 | 9.40 | |
| $ØD_1$ | .305 | .335 | 7.75 | 8.51 | |
| e | .230 T.P. | | 5.84 T.P. | | 4 |
| $e_1$ | .115 T.P. | | 2.92 T.P. | | 4 |
| h | | .040 | | 1.02 | |
| j | .028 | .034 | .711 | .864 | |
| k | .029 | .045 | .737 | 1.14 | 3 |
| l | .500 | | 7.62 | | 2 |
| $l_1$ | | .050 | | 1.27 | 2 |
| $l_2$ | .250 | | 6.35 | | 2 |
| α | 36° T.P. | | 36° T.P. | | 4,6 |

NOTES:

1. (TEN LEADS). MAXIMUM NUMBER OF LEADS OMITTED IN THIS OUTLINE, "ONE" (1). THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION. OUTLINE DESIGNATION DETERMINED BY THE LOCATION AND MINIMUM ANGULAR SPACING OF ANY TWO ADJACENT LEADS.
2. (ALL LEADS) $Øb_2$ APPLIES BETWEEN $l_1$ and $l_2$. Øb APPLIES BETWEEN $l_2$ AND .500" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN $l_1$ AND BEYOND .500" (12.70 MM) FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE PRODUCT.
4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE PRODUCT SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION RELATIVE TO A MAXIMUM WIDTH TAB.
5. THE PRODUCT MAY BE MEASURED BY DIRECT METHODS OR BY GAGE.
6. TAB CENTERLINE.

## TO 97

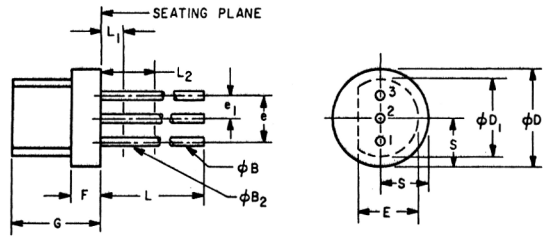



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .140 | .160 | 3.56 | 4.06 | |
| Øb | .016 | .021 | .406 | .533 | 2 |
| $Øb_2$ | .016 | .019 | .406 | .483 | 2 |
| ØD | .335 | .370 | 8.51 | 9.40 | |
| $ØD_1$ | .305 | .335 | 7.75 | 8.51 | |
| e | .230 T.P. | | 5.84 T.P. | | 4 |
| $e_1$ | .115 T.P. | | 2.92 T.P. | | 4 |
| h | | .040 | | 1.02 | |
| j | .028 | .034 | .711 | .864 | |
| k | .029 | .045 | .737 | 1.14 | 3 |
| l | .500 | | 7.62 | | 2 |
| $l_1$ | | .050 | | 1.27 | 2 |
| $l_2$ | .250 | | 6.35 | | 2 |
| α | 36° T.P. | | 36° T.P. | | 4,6 |

NOTES:

1. (TEN LEADS). MAXIMUM NUMBER OF LEADS OMITTED IN THIS OUTLINE, "ONE" (1). THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION. OUTLINE DESIGNATION DETERMINED BY THE LOCATION AND MINIMUM ANGULAR SPACING OF ANY TWO ADJACENT LEADS.
2. (ALL LEADS) $Øb_2$ APPLIES BETWEEN $l_1$ AND $l_2$. Øb APPLIES BETWEEN $l_2$ AND .500" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN $l_1$ AND BEYOND .500" (12.70 MM) FROM SEATING PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE PRODUCT.
4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE PRODUCT SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION RELATIVE TO A MAXIMUM WIDTH TAB.
5. THE PRODUCT MAY BE MEASURED BY DIRECT METHODS OR BY GAGE.
6. TAB CENTERLINE.

## TO 98



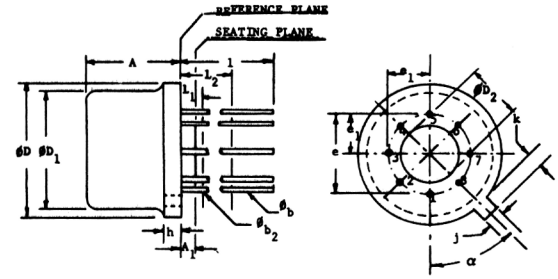

MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| ØD | .195 | .205 | 4.96 | 5.20 | - |
| $ØD_1$ | .165 | .190 | 4.20 | 4.82 | - |
| ØB | .016 | .021 | .407 | .533 | 1 |
| $ØB_2$ | .016 | .019 | .407 | .482 | - |
| E | .110 | .140 | 2.80 | 3.55 | - |
| e | .095 | .105 | 2.42 | 2.66 | - |
| $e_1$ | .045 | .055 | 1.15 | 1.39 | - |
| F | .055 | .075 | 1.40 | 1.90 | - |
| G | .200 | .265 | 5.08 | 6.73 | - |
| L | .500 | - | 12.70 | - | 1 |
| $L_1$ | - | .050 | - | 1.27 | 1 |
| $L_2$ | .250 | - | 6.35 | - | 1 |
| S | .090 | .105 | 2.28 | 2.66 | - |

NOTES:

1. (THREE LEADS) $ØB_2$ APPLIES BETWEEN $L_1$ AND $L_2$. ØB APPLIES BETWEEN $L_2$ AND .5" (12.70 MM) FROM SEATING PLANE. DIAMETER IS UNCONTROLLED IN $L_1$ AND BEYOND .5" (12.70MM) FROM SEATING PLANE.

## TO 99

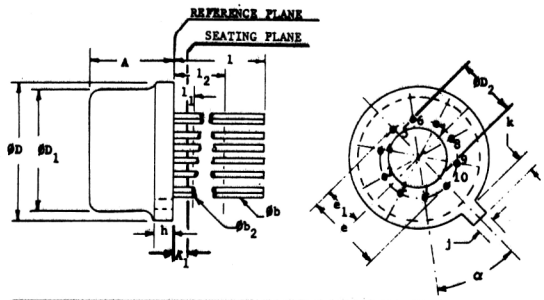



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .165 | .185 | 4.19 | 4.70 | |
| $A_1$ | .010 | .040 | .254 | 1.02 | |
| Øb | .016 | .021 | .406 | .533 | 2 |
| $Øb_2$ | .016 | .019 | .406 | .483 | 2 |
| ØD | .335 | .370 | 8.51 | 9.40 | |
| $ØD_1$ | .305 | .335 | 7.75 | 8.51 | |
| $ØD_2$ | .140 | .160 | 3.56 | 4.06 | |
| e | .200 T.P. | | 5.08 T.P. | | 4 |
| $e_1$ | .100 T.P. | | 2.54 T.P. | | 4 |
| h | | .040 | | 1.02 | |
| j | .028 | .034 | .711 | .864 | |
| k | .029 | .045 | .737 | 1.14 | 3 |
| l | .500 | | 12.70 | | 2 |
| $l_1$ | | .050 | | 1.27 | 2 |
| $l_2$ | .250 | | 6.35 | | 2 |
| α | 45° T.P. | | 45° T.P. | | 4,6 |

NOTES:

1. (EIGHT LEADS). MAXIMUM NUMBER OF LEADS OMITTED IN THIS OUTLINE, "THREE" (3). THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION. OUTLINE DESIGNATION DETERMINED BY THE LOCATION AND MINIMUM ANGULAR SPACING OF ANY TWO ADJACENT LEADS.
2. (ALL LEADS) $Øb_2$ APPLIES BETWEEN $l_1$ and $l_2$. Øb APPLIES BETWEEN $l_2$ AND .500" (12.70 MM) FROM REFERENCE PLANE. DIAMETER IS UNCONTROLLED IN $l_1$ and BEYOND .500" (12.70 MM) FROM REFERENCE PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE PRODUCT.
4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE REFERENCE PLANE OF THE PRODUCT SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION RELATIVE TO A MAXIMUM WIDTH TAB.
5. THE PRODUCT MAY BE MEASURED BY DIRECT METHODS OR BY GAGE.
6. TAB CENTERLINE.

## TO 100

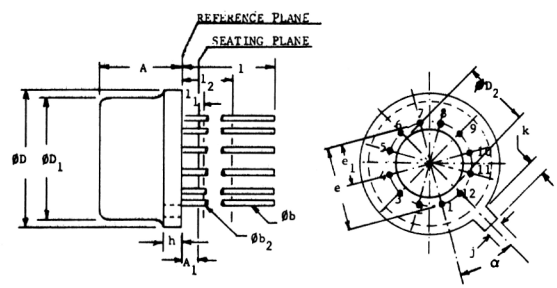



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .165 | .185 | 4.19 | 4.70 | |
| $A_1$ | .010 | .040 | .254 | 1.02 | |
| Øb | .016 | .021 | .406 | .533 | 2 |
| $Øb_2$ | .016 | .019 | .406 | .483 | 2 |
| ØD | .335 | .370 | 8.51 | 9.40 | |
| $ØD_1$ | .305 | .335 | 7.75 | 8.51 | |
| $ØD_2$ | .140 | .160 | 3.56 | 4.06 | |
| e | .230 T.P. | | 5.84 T.P. | | 4 |
| $e_1$ | .115 T.P. | | 2.92 T.P. | | 4 |
| h | | .040 | | 1.02 | |
| j | .028 | .034 | .711 | .864 | |
| k | .029 | .045 | .737 | 1.14 | 3 |
| l | .500 | | 12.70 | | 2 |
| $l_1$ | | .050 | | 1.27 | 2 |
| $l_2$ | .250 | | 6.35 | | 2 |
| α | 36° T.P. | | 36° T.P. | | 4,6 |

NOTES:

1. (TEN LEADS). MAXIMUM NUMBER OF LEADS OMITTED IN THIS OUTLINE, "ONE" (1). THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION. OUTLINE DESIGNATION DETERMINED BY THE LOCATION AND MINIMUM ANGULAR SPACING OF ANY TWO ADJACENT LEADS.
2. (ALL LEADS) $Øb_2$ APPLIES BETWEEN $l_1$ AND $l_2$. Øb APPLIES BETWEEN $l_2$ and .500" (12.70 MM) FROM REFERENCE PLANE. DIAMETER IS UNCONTROLLED IN $l_1$ and BEYOND .500" (12.70 MM) FROM REFERENCE PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE PRODUCT.
4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE REFERENCE PLANE OF THE PRODUCT SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION RELATIVE TO A MAXIMUM WIDTH TAB.
5. THE PRODUCT MAY BE MEASURED BY DIRECT METHODS OR BY GAGE.
6. TAB CENTERLINE.

## TO 101

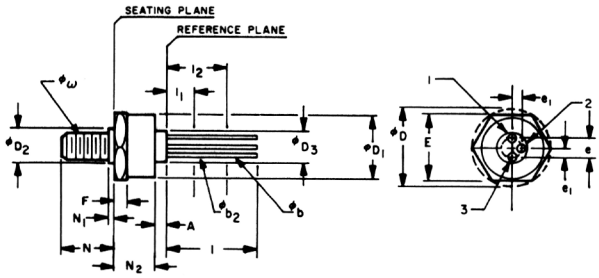



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .165 | .185 | 4.19 | 4.70 | |
| $A_1$ | .010 | .040 | .254 | 1.02 | |
| Øb | .016 | .021 | .406 | .533 | 2 |
| Øb2 | .016 | .019 | .406 | .483 | 2 |
| ØD | .335 | .370 | 8.51 | 9.40 | |
| $ØD_1$ | .305 | .335 | 7.75 | 8.51 | |
| $ØD_2$ | .140 | .160 | 3.56 | 4.06 | |
| e | .230 T.P. | | 5.84 T.P. | | 4 |
| $e_1$ | .115 T.P. | | 2.92 T.P. | | 4 |
| h | | .040 | | 1.02 | |
| j | .028 | .034 | .711 | .864 | |
| k | .029 | .045 | .737 | 1.14 | 3 |
| l | .500 | | 12.70 | | 2 |
| $l_1$ | | .050 | | 1.27 | 2 |
| $l_2$ | .250 | | 6.35 | | 2 |
| α | 30° T.P. | | 30° T.P. | | 4,6 |

NOTES:

1. (TWELVE LEADS). MAXIMUM NUMBER OF LEADS OMITTED IN THIS OUTLINE, "ONE" (1). THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION. OUTLINE DESIGNATION DETERMINED BY THE LOCATION AND MINIMUM ANGULAR SPACING OF ANY TWO ADJACENT LEADS.
2. (ALL LEADS) $Øb_2$ APPLIES BETWEEN $l_1$ AND $l_2$. Øb APPLIES BETWEEN $l_2$ AND .500" (12.70 MM) FROM REFERENCE PLANE. DIAMETER IS UNCONTROLLED IN $l_1$ AND BEYOND .500" (12.70 MM) FROM REFERENCE PLANE.
3. MEASURED FROM MAXIMUM DIAMETER OF THE PRODUCT.
4. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM)MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000MM) BELOW THE REFERENCE PLANE OF THE PRODUCT SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITION RELATIVE TO A MAXIMUM WIDTH TAB.
5. THE PRODUCT MAY BE MEASURED BY DIRECT METHODS OR BY GAGE.
6. TAB CENTERLINE.

## TO 102

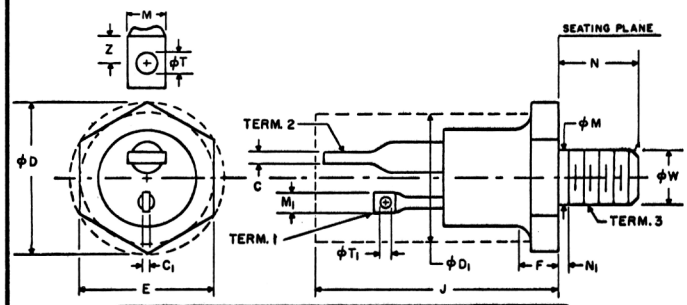



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .045 | .060 | 1.14 | 1.52 | |
| øb | .016 | .021 | .406 | .533 | 1 |
| $øb_2$ | .016 | .019 | .406 | .483 | 1 |
| øD | .413 | .433 | 10.49 | 11.00 | |
| $øD_1$ | .350 | .360 | 8.89 | 9.14 | |
| $øD_2$ | .175 | .190 | 4.45 | 4.83 | |
| $øD_3$ | .162 | .169 | 4.11 | 4.29 | |
| E | .362 | .375 | 9.19 | 9.53 | |
| e | .100 T.P. | | 2.54 T.P. | | 2 |
| $e_1$ | .050 T.P. | | 1.27 T.P. | | 2 |
| F | .065 | .070 | 1.65 | 1.78 | 3 |
| l | .500 | | 12.70 | | |
| $l_1$ | | .050 | | 1.27 | |
| $l_2$ | .250 | | 6.35 | | |
| N | .265 | .292 | 6.73 | 7.42 | |
| $N_1$ | .020 | .035 | .508 | .889 | |
| $N_2$ | .210 | .225 | 5.33 | 5.72 | |
| øW | .1141 | .1177 | 2.898 | 2.990 | 4 |

NOTES:

1. (THREE LEADS) $øb_2$ APPLIES BETWEEN $l_1$ AND $l_2$. øb APPLIES BETWEEN $l_2$ AND 1. DIAMETER IS UNCONTROLLED IN $l_1$ AND BEYOND .500" (12.70 MM) FROM REFERENCE PLANE.
2. LEADS HAVING MAXIMUM DIAMETER .019" (.483 MM) MEASURED IN GAGING PLANE .054" (1.37 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE REFERENCE PLANE OF THE DEVICE SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITIONS.
3. A CHAMFER (OR UNDERCUT) ON ONE OR BOTH ENDS OF HEXAGONAL PORTION IS OPTIONAL.
4. PITCH DIAMETER OF 6-32 UNC-2A (COATED) THREADS. (ASA B1.1-1960).

## TO 103

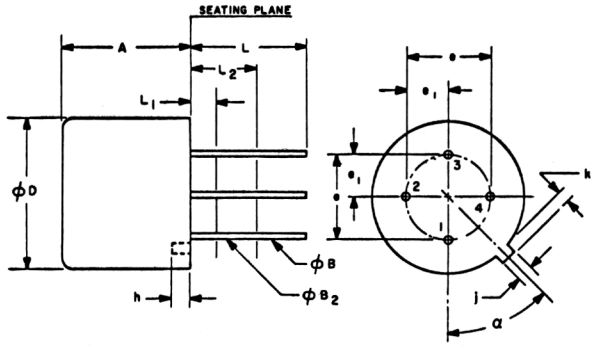



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| C | .065 | .100 | 1.66 | 2.54 | 1,7 |
| $C_1$ | .025 | .075 | .64 | 1.90 | 1,7 |
| øD | - | .866 | - | 21.99 | |
| $øD_1$ | - | .728 | - | 18.49 | 2 |
| E | .728 | .750 | 18.50 | 19.05 | |
| F | .125 | .205 | 3.18 | 5.20 | 3 |
| J | 1.200 | 1.560 | 30.48 | 39.62 | 2 |
| M | .220 | .375 | 5.59 | 9.52 | 1,7 |
| $M_1$ | .125 | .187 | 3.18 | 4.75 | 1,7 |
| øM | .280 | .310 | 7.12 | 7.87 | |
| N | .485 | .515 | 12.32 | 13.08 | |
| $N_1$ | - | .100 | - | 2.54 | 4 |
| øT | .140 | .155 | 3.56 | 3.93 | |
| $øT_1$ | .050 | .070 | 1.27 | 1.77 | |
| øW | .2806 | .2854 | 7.127 | 7.249 | 5 |
| Z | .140 | - | 3.56 | - | 6 |

NOTES:

1. CONTOUR AND ANGULAR ORIENTATION OF FIXED TERMINAL LUGS ARE UNDEFINED.
2. THE BODY AND TERMINALS OF THE DEVICE LIE WITHIN THE CYLINDER DEFINED BY $øD_1$ AND LENGTH J.
3. A CHAMFER (OR UNDERCUT) ON ONE OR BOTH ENDS OF THE HEXAGONAL PORTION IS OPTIONAL.
4. LENGTH OF INCOMPLETE OR UNDERCUT THREADS OF øM
5. PITCH DIAMETER OF 5/16-24 UNF-2A (COATED) THREADS (ASA B1.1-1960)
6. MINIMUM FLAT.
7. POSITION OF TERMINALS 1 AND 2 IN RELATION TO HEXAGON IS NOT CONTROLLED.

## TO 104



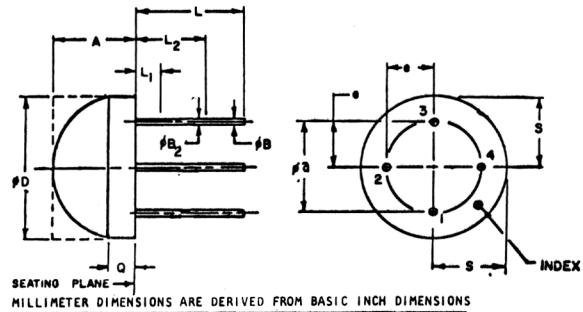

MILLIMETER DIMENSIONS ARE DERIVED FROM BASIC INCH DIMENSIONS

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .170 | .210 | 4.32 | 5.33 | |
| øB | .016 | .021 | .407 | .533 | 2 |
| $øB_2$ | .016 | .019 | .407 | .482 | 2 |
| øD | .220 | .240 | 5.59 | 6.10 | |
| e | .100 T.P. | | 2.54 T.P. | | 1, 3 |
| $e_1$ | .050 T.P. | | 1.27 T.P. | | 1, 3 |
| h | - | .030 | - | .76 | |
| j | .036 | .046 | .92 | 1.16 | |
| k | .028 | .048 | .72 | 1.21 | 4 |
| L | .500 | - | 12.70 | - | 2 |
| $L_1$ | - | .050 | - | 1.27 | 2 |
| $L_2$ | .250 | | 6.35 | - | 2 |
| α | 45° T.P. | | — | | |

NOTES:

1. MAXIMUM NUMBER OF LEADS THAT MAY BE OMITTED IN THIS OUTLINE: "ONE" (1). THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION.
2. $øB_2$ APPLIES BETWEEN $L_1$ AND $L_2$. øB APPLIES BETWEEN $L_2$ AND L. DIAMETER IS NOT CONTROLLED IN $L_1$.
3. LEADS HAVING MAXIMUM DIAMETER .019 "(.482MM) MEASURED IN GAGING PLANE .054" (1.372MM)+.001" (.025MM)-.000 "(.000MM) BELOW THE SEATING PLANE OF THE DEVICE SHALL BE WITHIN .007" (.177MM) OF THEIR TRUE POSITIONS RELATIVE TO A MAXIMUM WIDTH TAB.
4. MEASURED FROM ACTUAL MAXIMUM DIAMETER OF øD.

## TO 105



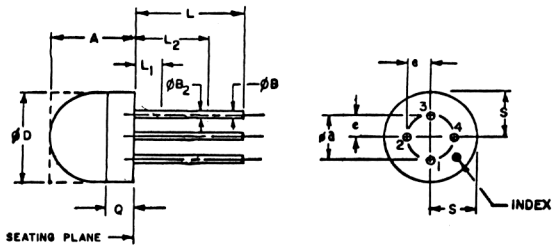

MILLIMETER DIMENSIONS ARE DERIVED FROM BASIC INCH DIMENSIONS

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .120 | .240 | 3.1 | 6.0 | |
| ø e | .190 | .210 | 4.83 | 5.33 | |
| ø B | .016 | .021 | .407 | .533 | 1, 2 |
| ø $B_2$ | .016 | .019 | .407 | .482 | 1, 2 |
| ø D | .305 | .325 | 7.75 | 8.25 | |
| e | .090 | .110 | 2.29 | 2.79 | |
| L | .500 | -- | 12.70 | -- | 1, 2 |
| $L_1$ | -- | .050 | -- | 1.27 | 1, 2 |
| $L_2$ | .250 | -- | 6.35 | -- | 1, 2 |
| Q | .060 | -- | 1.53 | -- | 3 |
| S | .145 | .165 | 3.69 | 4.19 | |

NOTES:

1. MAXIMUM NUMBER OF LEADS THAT MAY BE OMITTED IN THIS OUTLINE: "ONE" (1). THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION
2. $øB_2$ APPLIES BETWEEN $L_1$ and $L_2$. øB APPLIES BETWEEN $L_2$ and L. DIAMETER IS NOT CONTROLLED IN $L_1$.
3. CONTOUR OF PACKAGE BEYOND THIS ZONE IS OPTIONAL, BUT MUST BE WITHIN øD AND A.
4. VISUAL OR MECHANICAL INDEX IS OPTIONAL IF ONE LEAD IS OMITTED.

## TO 106

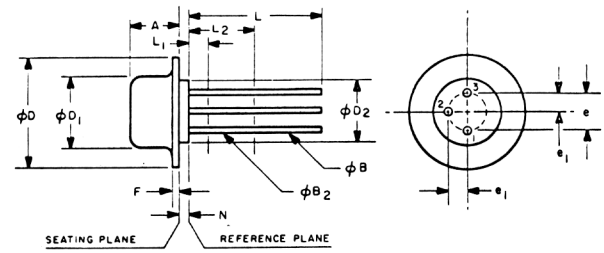



MILLIMETER DIMENSIONS ARE DERIVED FROM BASIC INCH DIMENSIONS

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .120 | .240 | 3.1 | 6.0 | |
| øa | .095 | .105 | 2.42 | 2.66 | |
| øB | .016 | .021 | .407 | .533 | 1, 2 |
| $øB_2$ | .016 | .019 | .407 | .482 | 1, 2 |
| øD | .192 | .222 | 4.88 | 5.63 | |
| e | .045 | .055 | 1.15 | 1.39 | |
| L | .500 | -- | 12.70 | -- | 1, 2 |
| $L_1$ | -- | .050 | -- | 1.27 | 1, 2 |
| $L_2$ | .250 | -- | 6.35 | -- | 1, 2 |
| Q | .060 | -- | 1.53 | -- | 3 |
| S | .090 | .115 | 2.29 | 2.92 | |

NOTES:
1. MAXIMUM NUMBER OF LEADS THAT MAY BE OMITTED IN THIS OUTLINE: "ONE" (1). THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION.
2. $øB_2$ APPLIES BETWEEN $L_1$ and $L_2$. øB APPLIES BETWEEN $L_2$ and L. DIAMETER IS NOT CONTROLLED IN $L_1$.
3. CONTOUR OF PACKAGE BEYOND THIS ZONE IS OPTIONAL, BUT MUST BE WITHIN øD AND A.
4. VISUAL OR MECHANICAL INDEX IS OPTIONAL IF ONE LEAD IS OMITTED

## TO 107

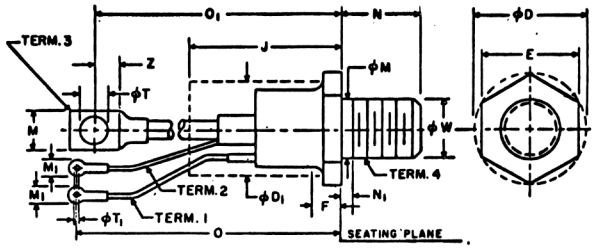



MILLIMETER DIMENSIONS ARE DERIVED FROM BASIC INCH DIMENSIONS

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .105 | .135 | 2.67 | 3.42 | |
| ø B | .016 | .021 | .407 | .533 | 1 |
| ø $B_2$ | .015 | .019 | .407 | .482 | 1 |
| ø D | .320 | .350 | 8.13 | 8.89 | |
| ø $D_1$ | .200 | .215 | 5.08 | 5.46 | |
| ø $D_2$ | .160 | .170 | 4.07 | 4.32 | |
| e | .100 T.P. | | 2.54 T.P. | | 2 |
| $e_1$ | .050 T.P. | | 1.27 T.P. | | 2 |
| F | - | .030 | - | .76 | |
| N | .045 | .060 | 1.15 | 1.52 | |
| L | .500 | - | 12.70 | - | 1 |
| $L_1$ | - | .050 | - | 1.27 | 1 |
| $L_2$ | .250 | - | 6.35 | - | 1 |

NOTES:
1. ø $B_2$ APPLIES BETWEEN L1 AND $L_2$. ø B APPLIES BETWEEN $L_2$ AND L. DIAMETER IS NOT CONTROLLED IN $L_1$.
2. LEADS HAVING MAXIMUM DIAMETER .019" (.482 MM) MEASURED IN GAGING PLANE .054" (1.38 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE REFERENCE PLANE OF THE DEVICE SHALL BE WITHIN .007" (.177 MM) OF THEIR TRUE POSITIONS.

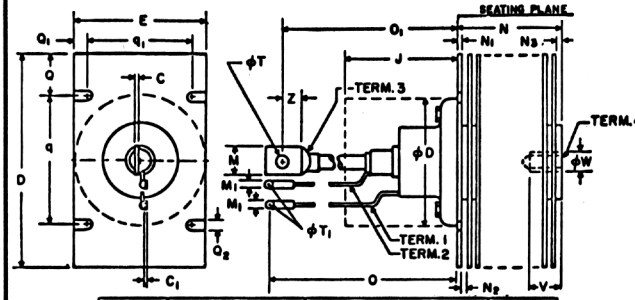
## TO 108




| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| øD | | 1.949. | | 49.50 | |
| $øD_1$ | | 1.631 | | 41.42 | 1 |
| E | 1.631 | 1.688 | 41.43 | 42.87 | |
| F | .250 | .500 | 6.35 | 12.70 | 5 |
| J | | 4.000 | | 101.60 | 1,7 |
| M | .735 | 1.000 | 18.67 | 25.40 | 2 |
| $M_1$ | .218 | .328 | 5.54 | 8.33 | 2,8 |
| øM | .880 | .999 | 22.36 | 25.37 | |
| N | 1.375 | 1.535 | 34.93 | 38.98 | |
| $N_1$ | | .250 | | 6.35 | 3 |
| O | 9.640 | 10.140 | 244.86 | 257.55 | |
| $O_1$ | 9.400 | 9.780 | 238.76 | 248.41 | |
| øT | .320 | .448 | 8.13 | 11.37 | |
| $øT_1$ | .140 | .172 | 3.56 | 4.36 | |
| øW | .9382 | .9459 | 23.831 | 24.025 | 4 |
| Z | .375 | | 9.53 | | 6 |

NOTES:
1. THE BODY OF THE DEVICE WITH EXCEPTION OF THE HEXAGON, THREAD, AND FLEXIBLE LEAD EXTENSIONS LIES WITHIN ø $D_1$.
2. ANGULAR ORIENTATION OF THESE TERMINALS WITH RESPECT TO HEXAGON PORTION IS UNDEFINED. SQUARE OR RADIUS ON END OF TERMINALS IS OPTIONAL.
3. LENGTH OF INCOMPLETE OR UNDERCUT THREADS OF øM
4. PITCH DIAMETER OF 1-12 UNF-2A (COATED) THREADS (ASA B1.1-1960)
5. A CHAMFER (OR UNDERCUT) ON ONE OR BOTH ENDS OF HEXAGON PORTION IS OPTIONAL.
6. MINIMUM FLAT.
7. SEATED HEIGHT WITH LEAD BENT AT RIGHT ANGLES.
8. FLEXIBLE LEADS FOR TERMINALS 1 AND 2 ARE IDENTIFIED BY COLOR CODING FOR SPECIFIC APPLICATIONS.

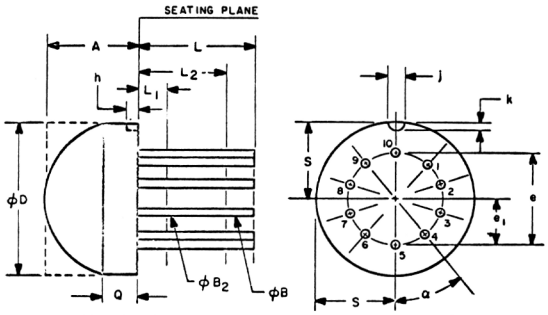
## TO 109




| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| C | .100 | .200 | 2.54 | 5.08 | 1 |
| $C_1$ | .020 | .040 | .51 | 1.02 | 1 |
| D | 4.937 | 5.063 | 125.40 | 128.60 | |
| øD | | 3.270 | | 83.05 | 2 |
| E | 3.937 | 4.063 | 100.00 | 103.20 | |
| J | | 4.000 | | 101.60 | 2,3 |
| M | .735 | 1.000 | 18.67 | 25.40 | 1 |
| $M_1$ | .218 | .320 | 5.54 | 8.12 | 1,6 |
| N | | 2.130 | | 54.10 | |
| $N_1$ | .125 | .220 | 3.18 | 5.58 | |
| $N_2$ | .140 | | 3.56 | | 7 |
| $N_3$ | .080 | | 2.04 | | |
| O | 9.400 | 10.250 | 238.76 | 260.35 | |
| $O_1$ | 9.150 | 10.141 | 232.41 | 257.58 | |
| Q | .968 | 1.031 | 24.59 | 26.18 | |
| $Q_1$ | .468 | .531 | 11.89 | 13.48 | |
| $Q_2$ | .312 | .384 | 7.93 | 9.75 | |
| q | 2.968 | 3.031 | 75.39 | 76.98 | |
| $q_1$ | 2.968 | 3.031 | 75.39 | 76.98 | |
| øT | .320 | .448 | 8.13 | 11.37 | |
| $øT_1$ | .140 | .172 | 3.56 | 4.36 | |
| V | .750 | | 19.05 | | |
| øW | .4675 | .4731 | 11.873 | 12.016 | 5 |
| Z | .375 | | 9.52 | | 4. |

NOTES:
1. CONTOUR AND ORIENTATION OF TERMINAL LUGS ARE UNDEFINED.
2. THE BODY OF THE DEVICE WITH THE EXCEPTION OF HEATSINK AND FLEXIBLE LEADS LIES WITHIN øD.
3. SEATED HEIGHT WITH THE LEAD BENT AT RIGHT ANGLES.
4. MINIMUM FLAT.
5. PITCH DIAMETER OF THREADS - 1/2 - 20 UNF 2B (ASA B1.1-1960)
6. PARALLEL, TWISTED OR COAXIAL FLEXIBLE LEADS FOR TERMINALS 1 AND 2 ARE IDENTIFIED BY COLOR CODING FOR SPECIFIC APPLICATIONS. COAXIAL SHIELDED LEAD HAS SHIELD AS TERMINAL 2.
7. WHEN DIMENSIONS LESS THAN .180 (4.58 MM) ARE USED, CLEARANCE IN THE SECOND FIN WILL BE PROVIDED.

## TO 110



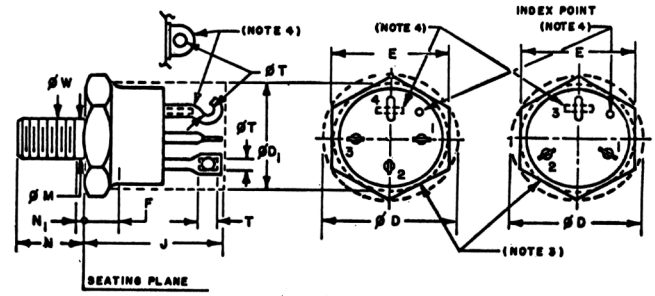

MILLIMETER DIMENSIONS ARE DERIVED FROM BASIC INCH DIMENSIONS

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .120 | .240 | 3.1 | 6.0 | |
| Ø B | .016 | .021 | .407 | .533 | 1, 2 |
| Ø $B_2$ | .016 | .019 | .407 | .482 | 1, 2 |
| Ø D | .310 | .330 | 7.88 | 8.38 | |
| e | .195 | .205 | 4.96 | 5.20 | |
| $e_1$ | .098 | .102 | 2.490 | 2.590 | |
| h | .015 | .040 | .39 | 1.01 | |
| j | .025 | .050 | .64 | 1.27 | |
| k | .010 | .030 | .26 | .76 | |
| L | .500 | - | 12.70 | - | 1, 2 |
| $L_1$ | - | .050 | - | 1.27 | 1, 2 |
| $L_2$ | .250 | - | 6.35 | - | 1, 2 |
| S | .145 | .165 | 3.69 | 4.19 | |
| Q | .060 | - | 1.53 | - | 3 |
| α | 36° T.P. | | 36° T.P. | | |

NOTES:

1. (TEN LEADS). MAXIMUM NUMBER OF LEADS THAT CAN BE OMITTED IN THIS OUTLINE, ONE (1).
2. Ø $B_2$ APPLIES BETWEEN $L_1$ AND $L_2$. Ø B APPLIES BETWEEN $L_2$ AND L. DIAMETER IS NOT CONTROLLED IN $L_1$.
3. CONTOUR OF PACKAGE BEYOND THIS ZONE OPTIONAL, BUT MUST BE CONFINED WITHIN Ø D AND A.

## TO 111



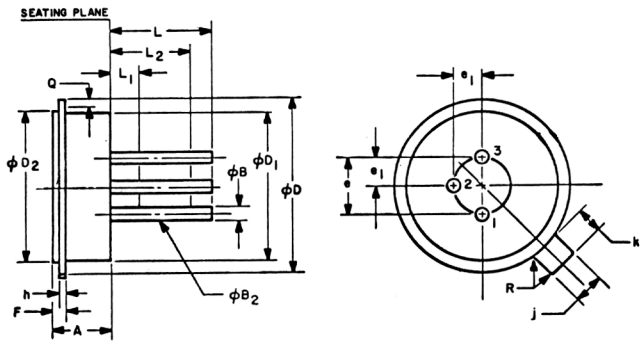

MILLIMETER DIMENSIONS ARE DERIVED FROM BASIC INCH DIMENSIONS

| SYMBOL | INCHES MIN | INCHES MAX | MILLIMETERS MIN | MILLIMETERS MAX | NOTES |
|---|---|---|---|---|---|
| ØD | — | .505 | — | 12.82 | |
| $ØD_1$ | .330 | .423 | 8.39 | 10.74 | 1 |
| E | .423 | .438 | 10.75 | 11.12 | 2 |
| F | .090 | .250 | 2.3 | 6.3 | 5 |
| J | .570 | .763 | 14.5 | 19.3 | 1 |
| ØM | .155 | .189 | 3.94 | 4.80 | 6 |
| N | .400 | .455 | 10.16 | 11.55 | |
| $N_1$ | — | .078 | — | 1.98 | 6 |
| ØT | .040 | .070 | 1.02 | 1.77 | |
| T | — | .090 | — | 2.28 | 7 |
| ØW | .1658 | .1697 | 4.212 | 4.310 | 8 |

NOTES:

1. Device body and terminals (with exception of hexagon) lie within the cylinder diameter $ØD_1$ and length J.
2. Position of terminals in relation to the hexagon is not controlled.
3. Four terminals. Omission of a maximum of one terminal is optional. Positior of the terminals is optional. The number and position of terminals actually present are indicated in the product registration.
4. The use of either a hook, short tab, or tall tab terminal contour is optional. An index point is required when the tall tab terminal contour (identical to the adjacent terminals) option is used.
5. A chamfer (or undercut) on one or both ends of hexagonal portion is optional.
6. Incomplete or undercut threads.
7. Elongated hole in tab is optional.
8. Pitch diameter of 10-32 UNF-2A coated threads (ASA B1.1-1960).

## TO 112



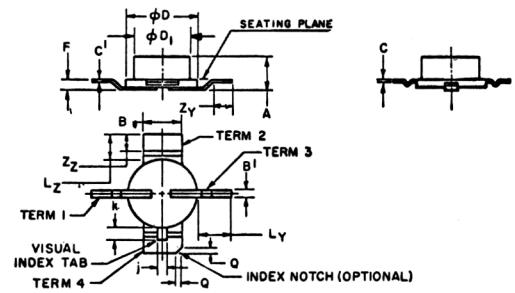

MILLIMETER DIMENSIONS ARE DERIVED FROM BASIC INCH DIMENSIONS

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .090 | .115 | 2.29 | 2.92 | |
| Ø B | .016 | .021 | .407 | .533 | 1 |
| Ø $B_2$ | .016 | .019 | .407 | .482 | 1 |
| Ø D | .305 | .320 | 7.75 | 8.12 | |
| Ø $D_1$ | .265 | .275 | 6.74 | 6.98 | |
| Ø $D_2$ | .270 | .320 | 6.86 | .812 | |
| e | .100 T.P. | | 2.54 T.P. | | 2 |
| $e_1$ | .050 T.P. | | 1.27 T.P. | | |
| F | .016 | .024 | .407 | .609 | |
| h | .008 | .012 | .204 | .304 | |
| j | .047 | .053 | 1.194 | 1.346 | |
| k | .047 | .053 | 1.194 | 1.346 | 3 |
| L | .400 | - | 10.16 | - | 1 |
| $L_1$ | - | .050 | - | 1.27 | 1 |
| $L_2$ | .250 | - | 6.35 | - | 1 |
| Q | .015 | - | .381 | - | 4 |
| R | - | .009 | - | .22 | |
| α | 45° T.P. | | 45° T.P. | | 5 |

NOTES:

1. Ø $B_2$ APPLIES BETWEEN $L_1$ AND $L_2$. Ø B APPLIES BETWEEN $L_2$ AND L. DIAMETER IS NOT CONTROLLED IN $L_1$.
2. LEADS HAVING MAXIMUM DIAMETER .019" (.482 MM) MEASURED IN GAGING PLANE .054" (1.38 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE OF THE DEVICE SHALL BE WITHIN .007" (.178 MM) OF THEIR TRUE POSITIONS RELATIVE TO THE MAXIMUM WIDTH TAB.
3. MEASURED FROM MAXIMUM DIAMETER OF ACTUAL DEVICE.
4. MINIMUM FLAT.
5. TAB CENTERLINE.

## TO 113



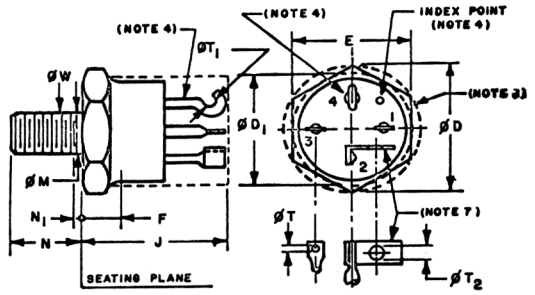

MILLIMETER DIMENSIONS ARE DERIVED FROM BASIC INCH DIMENSIONS

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .080 | .100 | 2.04 | 2.54 | |
| B | .095 | .105 | 2.42 | 2.66 | 2 |
| B' | .012 | .025 | .31 | .63 | 1 |
| C | .001 | .002 | .026 | .050 | 2 |
| C' | .001 | .003 | .026 | .076 | 1 |
| Ø D | .180 | .200 | 4.58 | 5.08 | |
| Ø $D_1$ | .157 | .164 | 3.988 | 4.165 | |
| F | - | .025 | - | .63 | 3, 7 |
| j | - | .024 | - | .60 | |
| k | - | .033 | - | .83 | 4 |
| $L_Y$ | .088 | .130 | 2.24 | 3.30 | 1, 4 |
| $L_Z$ | .060 | .080 | 1.53 | 2.03 | 2, 4 |
| Q | - | .020 | - | .50 | |
| $Z_Y$ | .040 | - | 1.02 | - | 1,5,6,7 |
| $Z_Z$ | .030 | - | .77 | - | 2,5,6,7 |

NOTES:

1. TERMINALS 1 AND 3.
2. TERMINALS 2 AND 4.
3. ALL TERMINALS.
4. MEASURED FROM MAXIMUM DIAMETER OF ACTUAL DEVICE.
5. FLAT ON TERMINALS.
6. WITH THE DEVICE SEATED IN A .165" (4.20 MM) + .010" (.25 MM) -.000" (.00 MM) HOLE A MAXIMUM FORCE OF 20 GRAMS ON EACH OF THE TERMINALS SHALL CAUSE THE FLATS OF THE TERMINALS TO CONTACT THE SEATING PLANE.
7. TERMINAL CONFIGURATIONS OPTIONAL BETWEEN Ø D AND FLATS ON TERMINALS.

## TO 114

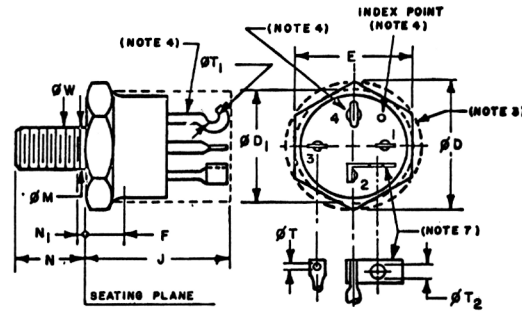



MILLIMETER DIMENSIONS ARE DERIVED FROM BASIC INCH DIMENSIONS

| SYMBOL | INCHES MIN | INCHES MAX | MILLIMETERS MIN | MILLIMETERS MAX | NOTES |
|---|---|---|---|---|---|
| ØD | — | 1.227 | — | 31.16 | |
| $ØD_1$ | .885 | 1.031 | 22.5 | 26.1 | 1 |
| E | 1.031 | 1.063 | 26.19 | 27.00 | 2 |
| F | .090 | .400 | 2.3 | 10.1 | 5 |
| J | 1.048 | 1.750 | 26.7 | 44.4 | 1 |
| ØM | .425 | .500 | 10.80 | 12.70 | 6 |
| N | .781 | .828 | 19.84 | 21.03 | |
| $N_1$ | — | .156 | — | 3.96 | 6 |
| ØT | .078 | .109 | 1.99 | 2.76 | |
| $ØT_1$ | .234 | .281 | 5.95 | 7.13 | |
| $ØT_2$ | .180 | .210 | 4.58 | 5.33 | 7 |
| ØW | .4619 | .4675 | 11.733 | 11.874 | 8 |

NOTES:
1. Device body and terminals (with exception of hexagon) lie within the cylinder diameter $ØD_1$ and length J.
2. Position of terminals in relation to the hexagon is not controlled.
3. Four terminals. Omission of a maximum of one terminal is optional. Position of the terminals is optional. The number and position of terminals actually present are indicated in the product registration.
4. The use of either a hook or tab terminal contour is optional. An index point is required when the tab terminal (identical to the adjacent terminals) contour option is used.
5. A chamfer (or undercut) on one or both ends of hexagonal portional is optional.
6. Incomplete or undercut threads.
7. Use of tab extension is optional.
8. Pitch diameter of ¼-20 UNF-2A (coated) threads (ASA B1.1-1960).

## TO 115

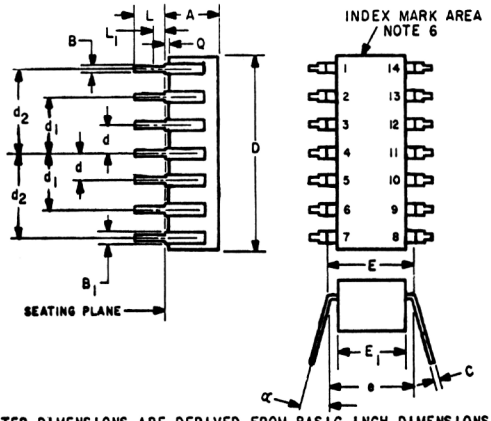



MILLIMETER DIMENSIONS ARE DERIVED FROM BASIC INCH DIMENSIONS

| SYMBOL | INCHES MIN | INCHES MAX | MILLIMETERS MIN | MILLIMETERS MAX | NOTES |
|---|---|---|---|---|---|
| ØD | — | 1.443 | — | 36.65 | |
| $ØD_1$ | 1.109 | 1.212 | 28.2 | 30.7 | 1 |
| E | 1.212 | 1.250 | 30.79 | 31.75 | 2 |
| F | .090 | .400 | 2.3 | 10.1 | 5 |
| J | 1.313 | 2.250 | 33.4 | 57.1 | 1 |
| ØM | .550 | .625 | 13.97 | 15.87 | 6 |
| N | .922 | .985 | 23.42 | 25.01 | |
| $N_1$ | — | .156 | — | 3.96 | 6 |
| ØT | .078 | .109 | 1.99 | 2.76 | |
| $ØT_1$ | .234 | .281 | 5.95 | 7.13 | |
| $ØT_2$ | .250 | .281 | 6.35 | 7.13 | 7 |
| ØW | .5828 | .5889 | 14.804 | 14.958 | 8 |

NOTES:
1. Device body and terminals (with exception of hexagon) lie within the cylinder diameter $ØD_1$ and length J.
2. Position of terminals in relation to the hexagon is not controlled.
3. Four terminals. Omission of a maximum of one terminal is optional. Position of the terminals is optional. The number and position of terminals actually present are indicated in the product registration.
4. The use of either a hook or tab terminal contour is optional. An index point is required when the tab terminal (identical to the adjacent terminals) contour option is used.
5. A chamfer (or undercut) on one or both ends of hexagonal portional is optional.
6. Incomplete or undercut threads.
7. Use of tab extension is optional.
8. Pitch of diameter of 5/8-18 UNF-2A (coated) threads (ASA B1.1-1960).

## TO 116

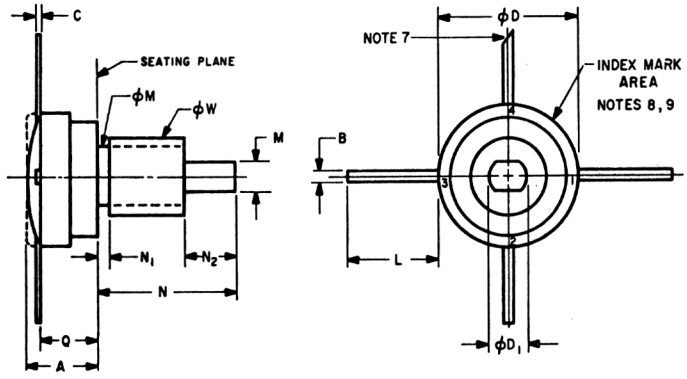



MILLIMETER DIMENSIONS ARE DERIVED FROM BASIC INCH DIMENSIONS

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | - | .200 | - | 5.08 | |
| B | .015 | .023 | .381 | .584 | 3,7 |
| $B_1$ | .030 | .070 | .77 | 1.77 | 3,7 |
| C | .008 | .015 | .204 | .381 | 3 |
| D | .660 | .785 | 17.4 | 19.9 | |
| d | .090 | .110 | 2.29 | 2.79 | 1 |
| $d_1$ | .190 | .210 | 4.83 | 5.33 | 1 |
| $d_2$ | .290 | .310 | 7.37 | 7.87 | 1 |
| E | - | .325 | - | 8.25 | 5 |
| $E_1$ | .220 | .280 | 5.59 | 7.11 | |
| e | .290 | .310 | 7.37 | 7.87 | 4 |
| L | .100 | - | 2.540 | - | 1,3 |
| $L_1$ | - | .030 | - | .76 | 2 |
| Q | .020 | - | .51 | - | |
| α | 0° | 15° | 0° | 15° | |

NOTES:
1. LEADS MISSING FROM THEIR DESIGNATED POSITIONS SHALL BE COUNTED WHEN NUMBERING LEADS FOR SPECIAL APPLICATIONS.
2. LEAD SPACING SHALL BE MEASURED WITHIN THIS ZONE.
3. TYPICAL ALL LEADS.
4. INSTALLED POSITION OF LEAD CENTERS.
5. OVERALL INSTALLED WIDTH.
6. INDEX TO BE VISIBLE FROM TOP, THIS END ONLY.
7. LEAD TRANSITION GEOMETRY FROM B TO $B_1$ OPTIONAL ON BODY SIDE OF SEATING PLANE.

## TO 117

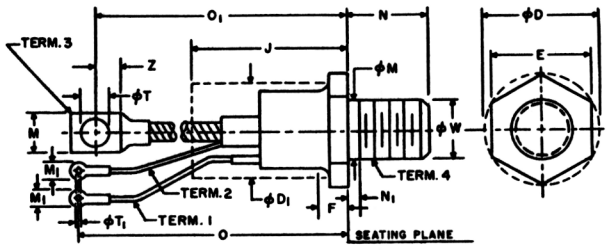



MILLIMETER DIMENSIONS DERIVED FROM BASIC INCH DIMENSIONS

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .140 | .230 | 3.56 | 5.84 | 1 |
| B | .027 | .033 | .686 | .838 | 2 |
| C | .014 | .016 | .356 | .406 | 2 |
| ØD | .240 | .380 | 6.1 | 9.6 | 1 |
| $ØD_1$ | .110 | .129 | 2.80 | 3.27 | 3 |
| L | .450 | - | 11.43 | - | 2,4 |
| M | .055 | .065 | 1.40 | 1.65 | 3 |
| ØM | .120 | .163 | 3.05 | 4.14 | 5 |
| N | .425 | .525 | 10.8 | 13.3 | - |
| $N_1$ | - | .078 | - | 1.98 | 5 |
| $N_2$ | .115 | .145 | 2.93 | 3.68 | 3 |
| Q | .110 | .130 | 2.80 | 3.30 | - |
| ØW | .1399 | .1437 | 3.554 | 3.649 | 6 |

NOTES:
1. BODY CONTOUR OPTIONAL WITHIN ØD AND A.
2. TYPICAL ALL LEADS.
3. ORIENTATION OF FLATS NOT CONTROLLED IN RELATION TO THE LEADS.
4. OMISSION OF ONE LEAD OPTIONAL. THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATIONS.
5. LENGTH (OR DIAMETER) OF INCOMPLETE OR UNDERCUT THREADS.
6. PITCH DIAMETER OF 8-32 UNC-2A (COATED) THREADS (ASA B1.1-1960).
7. LEAD 4 END CONFIGURATION OPTIONAL.
8. INDIX MARK TO BE VISIBLE FROM TOP.
9. INDEX MARK OPTIONAL FOR THREE-LEAD DEVICES.

## TO 118

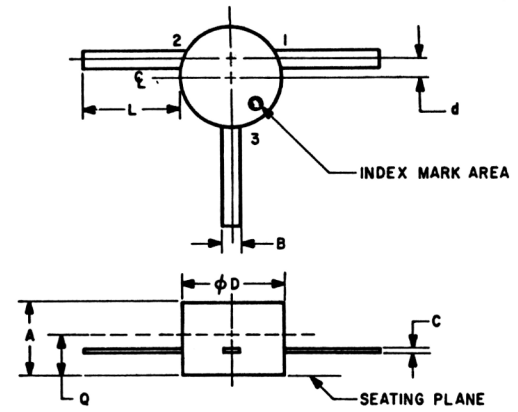



MILLIMETER DIMENSIONS ARE DERIVED FROM BASIC INCH DIMENSIONS

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| $\phi$D | - | 1.949 | - | 49.50 | - |
| $\phi D_1$ | - | 1.631 | - | 41.42 | 1 |
| E | 1.631 | 1.688 | 41.43 | 42.87 | - |
| F | .250 | .500 | 6.4 | 12.7 | 5 |
| J | - | 4.000 | - | 101.60 | 1,7 |
| M | .735 | 1.000 | 18.7 | 25.4 | 2 |
| $M_1$ | .260 | .328 | 6.61 | 8.33 | 2,8 |
| $\phi$M | .660 | .749 | 16.77 | 19.02 | - |
| N | 1.031 | 1.095 | 26.19 | 27.81 | - |
| $N_1$ | - | .156 | - | 3.96 | 3 |
| O | 9.640 | 10.140 | 244.9 | 257.5 | - |
| $O_1$ | 9.400 | 9.780 | 238.8 | 248.4 | - |
| $\phi$T | .320 | .448 | 8.2 | 11.3 | - |
| $\phi T_1$ | .140 | .172 | 3.56 | 4.36 | - |
| $\phi$W | .7029 | .7094 | 17.854 | 18.018 | 4 |
| Z | .375 | - | 9.53 | - | 6 |

NOTES:
1. THE BODY OF THE DEVICE WITH EXCEPTION OF THE HEXAGON, THREAD, AND FLEXIBLE LEAD EXTENSIONS LIES WITHIN $\phi D_1$ AND LENGTH J.
2. ANGULAR ORIENTATION OF THESE TERMINALS WITH RESPECT TO HEXAGON PORTION IS UNDEFINED. SQUARE OR RADIUS ON END OF TERMINALS IS OPTIONAL.
3. LENGTH OF INCOMPLETE OR UNDERCUT THREADS OF $\phi$M
4. PITCH DIAMETER OF 3/4-16 UNF-2A (COATED) THREADS (ASA B1.1-1960)
5. A CHAMFER (OR UNDERCUT) ON ONE OR BOTH ENDS OF HEXAGON PORTION IS OPTIONAL.
6. MINIMUM FLAT.
7. SEATED HEIGHT WITH LEAD BENT AT RIGHT ANGLES.
8. FLEXIBLE LEADS FOR TERMINALS 1 AND 2 ARE IDENTIFIED BY COLOR CODING FOR SPECIFIC APPLICATIONS.

## TO 119

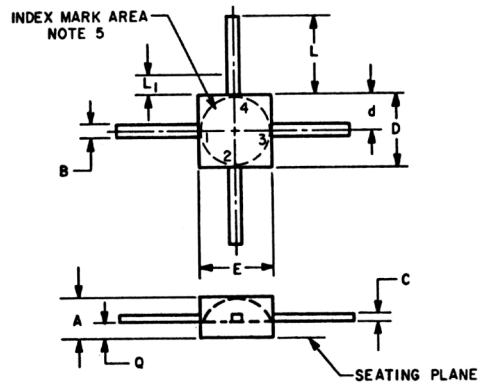



MILLIMETER DIMENSIONS DERIVED FROM BASIC INCH DIMENSIONS

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .040 | .065 | 1.02 | 1.65 | 1 |
| B | .020 | .028 | .508 | .711 | 2 |
| C | .003 | .005 | .077 | .127 | 2 |
| $\phi$D | .184 | .225 | 4.68 | 5.71 | 1 |
| d | - | .035 | - | .88 | 3 |
| L | .240 | - | 6.10 | - | 2,4 |
| Q | - | .030 | - | .76 | 3 |

NOTES:
1. CONTOUR OF BODY OPTIONAL WITHIN ØD AND A. ØD MIN. AND ØD MAX. APPLY ONLY TO GREATEST BODY DIAMETER.
2. TYPICAL ALL LEADS.
3. LEADS SHALL EMERGE FROM THE BODY WITHIN THE LIMITS INDICATED BY THE d AND Q DIMENSIONS.
4. MEASURED FROM GREATEST BODY DIAMETER OF ACTUAL DEVICE.

## TO 120

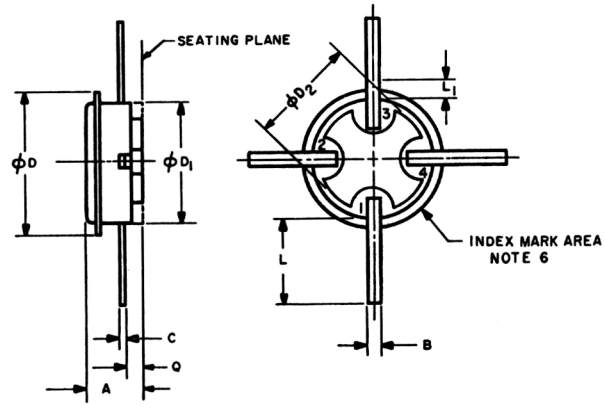



MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .030 | .062 | .77 | 1.57 | 1 |
| B | .008 | .019 | .21 | .48 | 2 |
| C | .003 | .007 | .077 | .177 | 2 |
| d | .015 | .046 | .39 | 1.16 | 3 |
| D | .067 | .092 | 1.71 | 2.33 | 1 |
| E | .067 | .088 | 1.71 | 2.23 | 1 |
| L | .100 | - | 2.54 | - | 2 |
| $L_1$ | - | .035 | - | .88 | 2,4 |
| Q | .007 | .034 | .18 | .86 | - |

NOTES:
1. CONFIGURATION OF PACKAGE OPTIONAL WITHIN ZONE DEFINED BY A, $D_1$ AND E.
2. TYPICAL ALL LEADS.
3. THIS DIMENSION APPLIES TO LEADS 1 AND 3 ONLY.
4. LEAD DIMENSIONS NOT CONTROLLED IN THIS ZONE TO ALLOW FOR BODY AND LEAD FINISH IRREGULARITIES.
5. INDEX TO BE VISIBLE FROM TOP.
6. OMISSION OF ONE LEAD OPTIONAL. LEADS MISSING FROM THEIR DESIGNATED POSITIONS SHALL BE COUNTED WHEN NUMBERING LEADS FOR SPECIFIC APPLICATIONS. THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION.

## TO 121

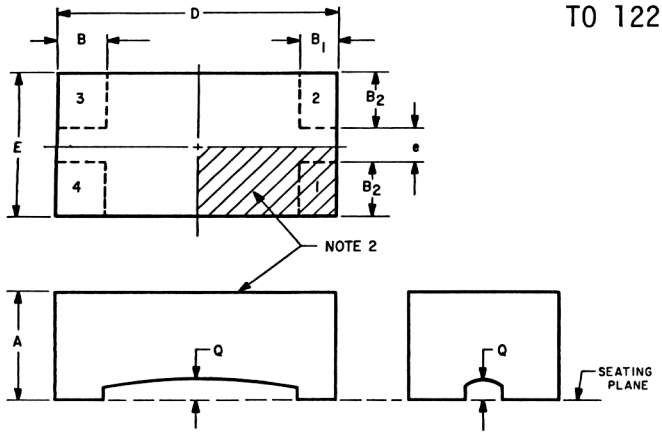



MILLIMETER DIMENSIONS DERIVED FROM BASIC INCH DIMENSIONS

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .145 | .200 | 3.69 | 5.08 | - |
| B | .035 | .046 | .89 | 1.16 | 1 |
| C | .012 | .019 | .305 | .482 | 1 |
| $\phi$D | .593 | .680 | 15.07 | 17.27 | - |
| $\phi D_1$ | .520 | .594 | 13.21 | 15.08 | 2 |
| $\phi D_2$ | .480 | - | 12.20 | - | 3 |
| L | .195 | - | 4.96 | - | 1,4 |
| $L_1$ | - | .105 | - | 2.66 | 1,4,5 |
| Q | .005 | .020 | .13 | .50 | 2 |

NOTES:
1. TYPICAL ALL LEADS.
2. CONFIGURATION OF PACKAGE OPTIONAL WITHIN ZONE DEFINED BY $\phi D_1$ AND Q.
3. MINIMUM DIAMETER OF SEATING PLANE.
4. MEASURED FROM INTERSECTION OF LEAD AXIS AND BODY SURFACE OF DIAMETER $\phi D_1$.
5. DIMENSIONS, CONFIGURATION, AND POSITION OF LEADS OPTIONAL IN THIS ZONE.
6. INDEX MARK OPTIONAL FOR THREE-LEAD DEVICES.
7. OMISSION OF ONE LEAD OPTIONAL. THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATION.

## TO 122



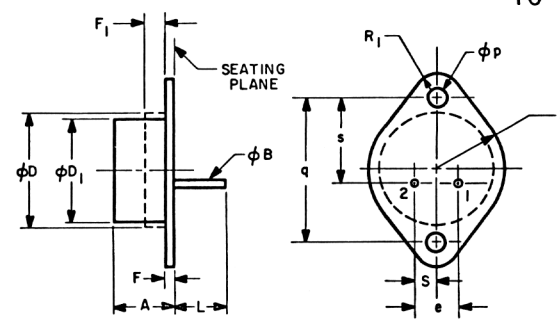

MILLIMETER DIMENSIONS ARE DERIVED FROM BASIC INCH DIMENSIONS

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | 0.027 | 0.035 | 0.686 | 0.889 | - |
| B | 0.011 | 0.017 | 0.280 | 0.431 | - |
| $B_1$ | 0.008 | 0.014 | 0.204 | 0.355 | - |
| $B_2$ | 0.012 | 0.018 | 0.305 | 0.457 | 3 |
| D | 0.070 | 0.078 | 1.778 | 1.981 | - |
| E | 0.035 | 0.043 | 0.889 | 1.092 | - |
| e | 0.009 | 0.011 | 0.229 | 0.279 | 3 |
| Q | - | - | - | - | 1 |

NOTES:

1. DETAILS OF THE OUTLINE IN THIS ZONE ARE OPTIONAL EXCEPT THAT THE OUTLINE SHALL NOT EXTEND BEYOND THE SEATING PLANE.
2. AN INDEX MARK SHALL BE LOCATED ON THE TOP SURFACE IN THE QUADRANT ABOVE TERMINAL ONE.
3. THESE TOLERANCES ARE NON-CUMULATIVE.

## TO 123



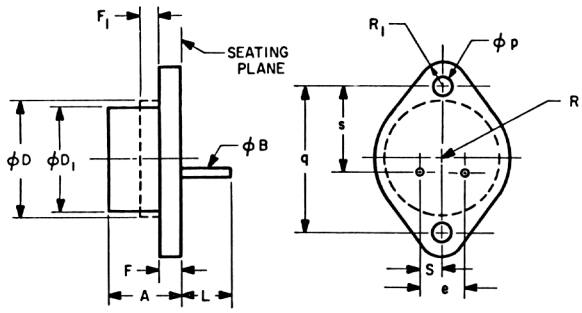

MILLIMETER DIMENSIONS ARE DERIVED FROM BASIC INCH DIMENSIONS

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .250 | .340 | 6.35 | 8.63 | - |
| ØB | .028 | .034 | .712 | .863 | - |
| ØD | - | .620 | - | 15.74 | 1 |
| $ØD_1$ | .470 | .500 | 11.94 | 12.70 | - |
| e | .190 | .210 | 4.83 | 5.33 | - |
| F | .020 | .040 | .51 | 1.01 | 2 |
| $F_1$ | - | .050 | - | 1.27 | 1 |
| L | .360 | - | 9.15 | - | - |
| Øp | .142 | .152 | 3.61 | 3.86 | - |
| q | .958 | .962 | 24.334 | 24.434 | - |
| R | - | .352 | - | 8.94 | - |
| $R_1$ | - | .147 | - | 3.73 | - |
| S | .093 | .107 | 2.37 | 2.71 | - |
| s | .570 | .590 | 14.48 | 14.98 | - |

NOTES:

1. OUTLINE CONTOUR OPTIONAL WITHIN ZONE DEFINED BY ØD AND $F_1$.
2. THE F DIMENSION DOES NOT INCLUDE SEALING FLANGES.

## TO 124



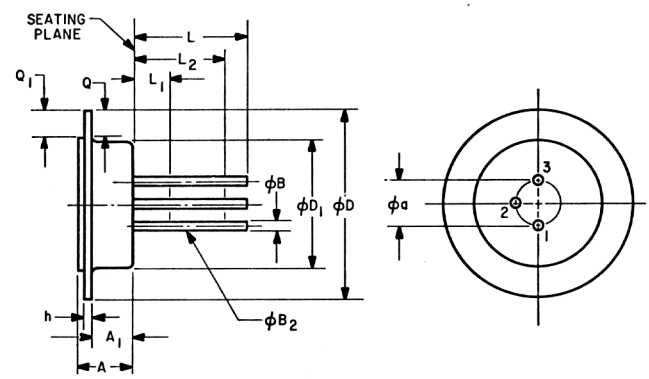

MILLIMETER DIMENSIONS ARE DERIVED FROM BASIC INCH DIMENSIONS

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .250 | .355 | 6.4 | 9.0 | - |
| ØB | .028 | .034 | .712 | .863 | - |
| ØD | - | .620 | - | 15.74 | 1 |
| $ØD_1$ | .470 | .500 | 11.94 | 12.70 | - |
| e | .190 | .210 | 4.83 | 5.33 | - |
| F | .085 | .102 | 2.16 | 2.59 | 2 |
| $F_1$ | - | .050 | - | 1.27 | 1 |
| L | .360 | - | 9.15 | - | - |
| Øp | .142 | .152 | 3.61 | 3.86 | - |
| q | .958 | .962 | 24.334 | 24.434 | - |
| R | - | .352 | - | 8.94 | - |
| $R_1$ | - | .147 | - | 3.73 | - |
| S | .093 | .107 | 2.37 | 2.71 | - |
| s | .570 | .590 | 14.48 | 14.98 | - |

NOTES:

1. OUTLINE CONTOUR OPTIONAL WITHIN ZONE DEFINED BY ØD AND $F_1$.
2. THE F DIMENSION DOES NOT INCLUDE SEALING FLANGES.

## TO 125



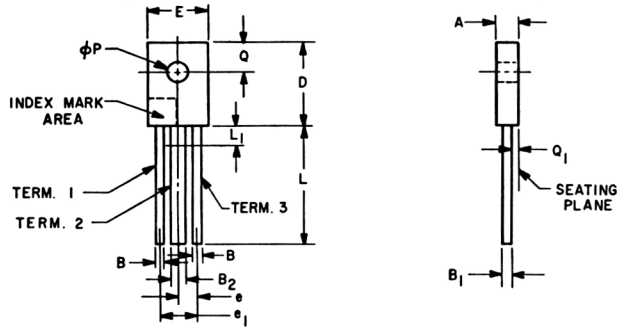

MILLIMETER DIMENSIONS ARE DERIVED FROM BASIC INCH DIMENSIONS

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .099 | .123 | 2.52 | 3.12 | - |
| Øa | .100 T.P. | | 2.54 T.P. | | 2 |
| ØB | .016 | .021 | .407 | .533 | 1 |
| $ØB_2$ | .016 | .019 | .407 | .482 | 1 |
| ØD | .427 | .433 | 10.846 | 10.998 | - |
| $ØD_1$ | .284 | .290 | 7.214 | 7.366 | - |
| h | .008 | .012 | .204 | .304 | - |
| L | .450 | - | 11.43 | - | 1 |
| $L_1$ | - | .050 | - | 1.27 | 1 |
| $L_2$ | .250 | - | 6.35 | - | 1 |
| Q | .058 | - | 1.48 | - | 3 |
| $Q_1$ | .032 | - | .82 | - | 3 |
| $A_1$ | .085 | .101 | 2.16 | 2.56 | - |

NOTES:

1. $ØB_2$ APPLIES BETWEEN $L_1$ AND $L_2$. ØB APPLIES BETWEEN $L_2$ AND L. DIAMETER IS NOT CONTROLLED IN $L_1$.
2. THE CROSS SECTION OF EACH LEAD HAVING A MAXIMUM DIAMETER OF .019" (.482 MM) AND MEASURED IN A GAGING PLANE .054"(1.372 MM) + .001" (.025 MM) - .000" (.000 MM) BELOW THE SEATING PLANE LIES IN A CIRCLE HAVING A DIAMETER OF .033" (.838 MM) CENTERED AT THE TRUE POSITION OF THE LEAD AXIS AT ITS POINT OF EXIT RELATIVE TO A .290" (7.366 MM) MAXIMUM BODY DIAMETER, $ØD_1$.
3. MINIMUM FLAT.

## TO 127

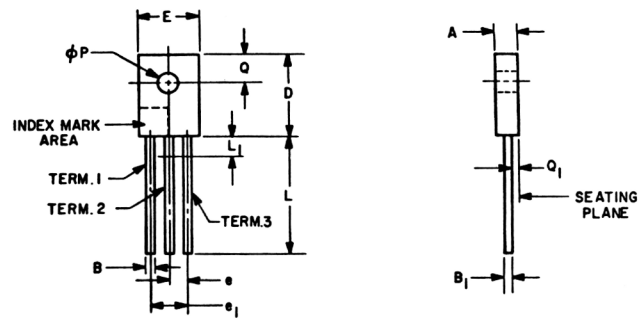



MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .120 | .150 | 3.05 | 3.81 | - |
| B | .041 | .051 | 1.05 | 1.29 | - |
| $B_1$ | .027 | .037 | .69 | .93 | - |
| $B_2$ | .065 | .075 | 1.66 | 1.90 | - |
| D | .618 | .668 | 15.70 | 16.96 | - |
| E | .480 | .530 | 12.20 | 13.46 | - |
| e | .151 | .181 | 3.84 | 4.59 | 3 |
| $e_1$ | .302 | .362 | 7.68 | 9.19 | 3 |
| L | .595 | .655 | 15.12 | 16.63 | - |
| $L_1$ | - | .125 | - | 3.17 | 1 |
| ØP | .125 | .155 | 3.18 | 3.93 | - |
| Q | .180 | .225 | 4.58 | 5.71 | - |
| $Q_1$ | .035 | .065 | .89 | 1.65 | - |

NOTES:
1. LEAD DIMENSIONS NOT CONTROLLED IN THIS ZONE TO ALLOW FOR BODY FLASH AND LEAD FINISH BUILD-UP.
2. MAXIMUM RADIUS OF .050 IN. (1.27 MM) ON ALL BODY EDGES AND CORNERS.
3. LEAD SPACING TO BE MEASURED BETWEEN .125 IN. (3.18 MM) AND .150 IN. (3.81 MM) FROM THE POINT OF EMERGENCE FROM THE BODY.

## TO 126

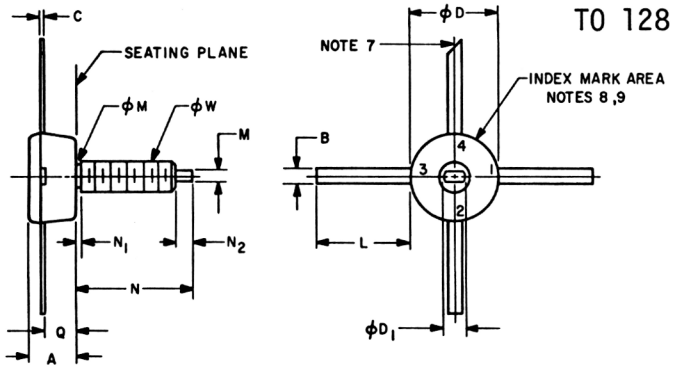



MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .090 | .120 | 2.29 | 3.04 | - |
| B | .025 | .035 | .64 | .88 | 4 |
| $B_1$ | .015 | .025 | .39 | .63 | - |
| D | .400 | .450 | 10.16 | 11.43 | - |
| E | .280 | .330 | 7.12 | 8.38 | - |
| e | .080 | .100 | 2.04 | 2.54 | 3 |
| $e_1$ | .160 | .200 | 4.07 | 5.08 | 3 |
| L | .595 | .655 | 15.12 | 16.63 | - |
| $L_1$ | - | .100 | - | 2.54 | 1 |
| ØP | .100 | .130 | 2.54 | 3.30 | - |
| Q | .130 | .175 | 3.31 | 4.44 | - |
| $Q_1$ | .035 | .065 | .89 | 1.65 | - |

NOTES:
1. LEAD DIMENSIONS NOT CONTROLLED IN THIS ZONE TO ALLOW FOR BODY FLASH AND LEAD FINISH BUILD-UP.
2. MAXIMUM RADIUS OF .050 IN. (1.27 MM) ON ALL BODY EDGES AND CORNERS.
3. LEAD SPACING TO BE MEASURED BETWEEN .100 IN. (2.54 MM) AND .125 IN. (3.17 MM) FROM THE POINT OF EMERGENCE FROM THE BODY.
4. TYPICAL ALL LEADS.

## TO 128

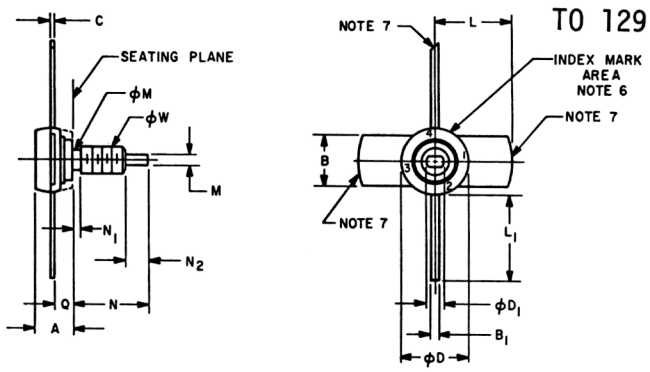



MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .280 | .285 | 7.112 | 7.239 | 1 |
| B | .088 | .092 | 2.236 | 2.336 | 2 |
| C | .014 | .016 | .356 | .406 | 2 |
| ØD | .450 | .500 | 11.43 | 12.70 | 1 |
| $ØD_1$ | .100 | .120 | 2.54 | 3.04 | 3 |
| L | .480 | .500 | 12.20 | 12.70 | 2 |
| M | .056 | .064 | 1.423 | 1.625 | 3 |
| ØM | .120 | .163 | 3.05 | 4.14 | - |
| N | .440 | .460 | 11.18 | 11.68 | - |
| $N_1$ | - | .078 | - | 1.98 | 5 |
| $N_2$ | .115 | .145 | 2.93 | 3.68 | 3 |
| Q | .160 | .170 | 4.07 | 4.31 | - |
| ØW | .1399 | .1437 | 3.554 | 3.649 | 6 |

NOTES:
1. BODY CONTOUR OPTIONAL WITHIN ØD AND A. ØD MIN. APPLIES TO GREATEST BODY DIAMETER.
2. TYPICAL ALL LEADS.
3. ORIENTATION OF FLATS NOT CONTROLLED IN RELATION TO THE LEADS.
4. OMISSION OF ONE LEAD OPTIONAL. THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATIONS.
5. LENGTH OF INCOMPLETE OR UNDERCUT THREADS OF ØM.
6. PITCH DIAMETER OF 8-32 UNC-2A (COATED) THREADS (ASA B1.1-1960).
7. LEAD 4 END CONFIGURATION OPTIONAL.
8. INDEX MARK TO BE VISIBLE FROM TOP.
9. INDEX MARK OPTIONAL FOR THREE-LEAD DEVICES.

## TO 129

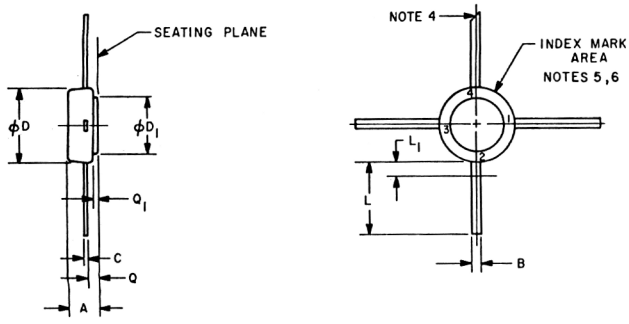



MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .200 | .230 | 5.08 | 5.84 | 1 |
| B | .285 | .295 | 7.24 | 7.49 | - |
| $B_1$ | .028 | .032 | .712 | .812 | - |
| C | .010 | .012 | .254 | .304 | 2 |
| ØD | .365 | .370 | 9.271 | 9.398 | 1 |
| $ØD_1$ | .110 | .129 | 2.80 | 3.27 | 3 |
| L | .430 | .440 | 10.93 | 11.17 | - |
| $L_1$ | - | .550 | - | 13.97 | - |
| M | .056 | .064 | 1.423 | 1.625 | 3 |
| ØM | .120 | .163 | 3.05 | 4.14 | - |
| N | .440 | .460 | 11.18 | 11.68 | - |
| $N_1$ | - | .078 | - | 1.98 | 4 |
| $N_2$ | .115 | .145 | 2.93 | 3.68 | 3 |
| Q | .110 | .130 | 2.80 | 3.30 | - |
| ØW | .1399 | .1437 | 3.554 | 3.649 | 5 |

NOTES:
1. BODY CONTOUR OPTIONAL WITHIN ØD AND A. ØD MIN. APPLIES TO GREATEST BODY DIAMETER.
2. TYPICAL ALL LEADS.
3. ORIENTATION OF FLATS NOT CONTROLLED IN RELATION TO THE LEADS.
4. LENGTH OF INCOMPLETE OR UNDERCUT THREADS OF ØM.
5. PITCH DIAMETER OF 8-32 UNC-2A (COATED) THREADS (ASA B1.1-1960).
6. INDEX MARK TO BE VISIBLE FROM TOP.
7. LEAD END CONFIGURATION OPTIONAL.

## TO 130



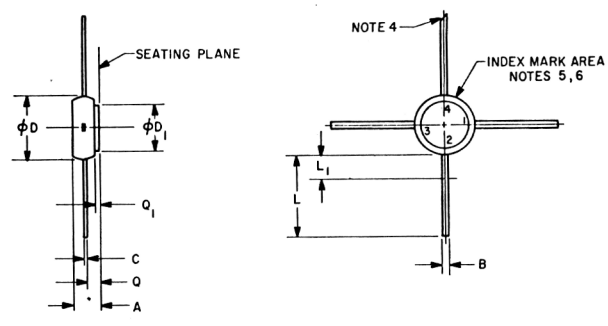

MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .170 | .180 | 4.32 | 4.57 | 1 |
| B | .028 | .032 | .712 | .812 | 2 |
| C | .014 | .016 | .356 | .406 | 2 |
| ØD | .400 | .455 | 10.16 | 11.55 | 1 |
| ØD1 | .320 | .330 | 8.13 | 8.38 | - |
| L | .475 | .525 | 12.07 | 13.33 | 2,3 |
| L1 | - | .035 | - | .88 | 2,7 |
| Q | .055 | - | 1.40 | - | - |
| Q1 | .005 | .020 | .13 | .50 | - |

NOTES:

1. BODY CONTOUR OPTIONAL WITHIN ØD AND A. ØD MIN. APPLIES TO GREATEST BODY DIAMETER.
2. TYPICAL ALL LEADS.
3. OMISSION OF ONE LEAD OPTIONAL. THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATIONS.
4. LEAD 4 END CONFIGURATION OPTIONAL.
5. INDEX MARK TO BE VISIBLE FROM TOP.
6. INDEX MARK OPTIONAL FOR THREE-LEAD DEVICES.
7. LEAD DIMENSIONS NOT CONTROLLED IN THIS ZONE TO ALLOW FOR BODY AND LEAD FINISH IRREGULARITIES.

## TO 131



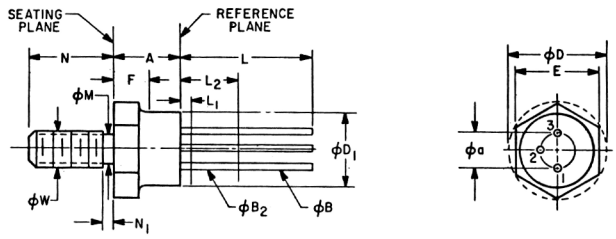

MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .145 | .185 | 3.69 | 4.69 | 1 |
| B | .028 | .032 | .712 | .812 | 2 |
| C | .014 | .016 | .356 | .406 | 2 |
| ØD | .355 | .375 | 9.02 | 9.52 | 1 |
| ØD1 | .270 | .285 | 6.86 | 7.23 | - |
| L | .450 | .550 | 11.5 | 13.9 | 2,3 |
| L1 | - | .035 | - | .88 | 2,7 |
| Q | .055 | - | 1.40 | - | - |
| Q1 | .005 | .020 | .13 | .50 | - |

NOTES:

1. BODY CONTOUR OPTIONAL WITHIN ØD AND A. ØD MIN APPLIES TO GREATEST BODY DIAMETER.
2. TYPICAL ALL LEADS.
3. OMISSION OF ONE LEAD OPTIONAL. THE NUMBER AND POSITION OF LEADS ACTUALLY PRESENT ARE INDICATED IN THE PRODUCT REGISTRATIONS.
4. LEAD 4 END CONFIGURATION OPTIONAL.
5. INDEX MARK TO BE VISIBLE FROM TOP.
6. INDEX MARK OPTIONAL FOR THREE-LEAD DEVICES.
7. LEAD DIMENSIONS NOT CONTROLLED IN THIS ZONE TO ALLOW FOR BODY AND LEAD FINISH IRREGULARITIES.

## TO 132

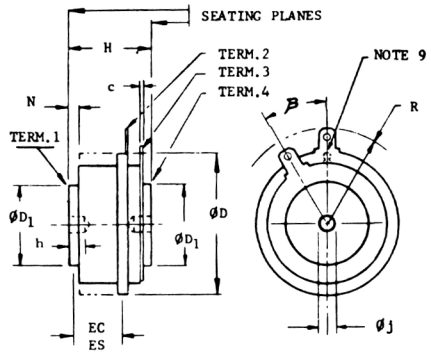


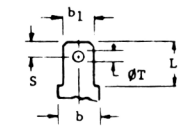

MILLIMETER DIMENSIONS ARE DERIVED FROM ORIGINAL INCH DIMENSIONS

| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTES |
|---|---|---|---|---|---|
| A | .300 | .350 | 7.62 | 8.89 | - |
| Øa | .200 T.P. | | 5.08 T.P. | | 1 |
| ØB | .016 | .021 | .407 | .533 | 2 |
| ØB2 | .016 | .019 | .407 | .482 | 2 |
| ØD | .400 | .505 | 10.2 | 12.8 | - |
| ØD1 | .390 | .410 | 9.91 | 10.41 | - |
| E | .423 | .438 | 10.75 | 11.12 | - |
| F | .120 | .150 | 3.05 | 3.81 | - |
| L | .475 | - | 12.07 | - | 2 |
| L1 | - | .050 | - | 1.27 | 2 |
| L2 | .250 | - | 6.35 | - | 2 |
| ØM | .163 | .189 | 4.15 | 4.80 | 6 |
| N | .422 | .453 | 10.72 | 11.50 | - |
| N1 | - | .078 | - | 1.98 | 6 |
| ØW | .1658 | .1697 | 4.212 | 4.310 | 3 |

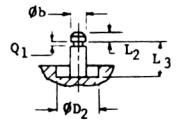
NOTES:

1. LEADS SHALL BE LOCATED RELATIVE TO EACH OTHER SUCH THAT THE CROSS SECTION OF EACH LEAD HAVING A MAXIMUM DIAMETER OF .019" (.482 MM) AND MEASURED IN A GAGING PLANE .054" (1.372 MM) + .001" (.025 MM) - .000" (.000 MM) ABOVE THE REFERENCE PLANE LIES IN A CIRCLE HAVING A DIAMETER OF .033" (.84 MM) CENTERED AT THE TRUE POSITION OF THE LEAD AXIS AT ITS POINT OF EXIT. POSITION OF LEAD GROUPING IN RELATION TO THE BODY IS NOT CONTROLLED.
2. (ALL LEADS) DIAMETER IS NOT CONTROLLED IN L1 AND BEYOND L. ØB2 APPLIES BETWEEN L1 AND L2. ØB APPLIES BETWEEN L2 AND L.
3. PITCH DIAMETER OF 10-32 UNF-2A (COATED) THREADS. (ASA B1.1-1960).
4. ORIENTATION OF LEAD GROUPING IN RELATION TO THE HEXAGON IS NOT CONTROLLED.
5. A CHAMFER (OR UNDERCUT) ON ONE OR BOTH ENDS OF HEXAGONAL PORTION IS OPTIONAL.
6. LENGTH OF INCOMPLETE OR UNDERCUT THREADS OF ØM.




DETAIL OF TAB TERM.



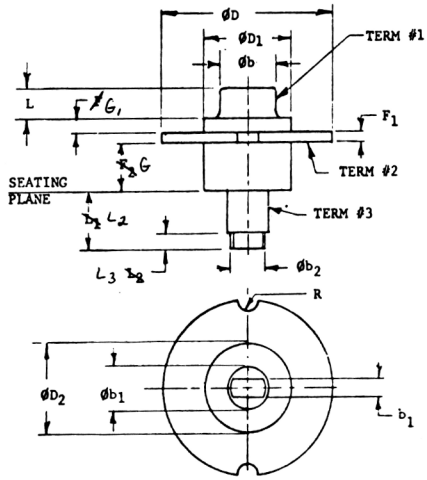

DETAIL OF RND TERM.

NOTES:

1. Refer to rules for dimensioning semiconductor product outlines included in Publication No. 76.
2. Package contour optional between Term. 1 & 2 and between Term. 2 & 3 within ØD. Term. 2 & 3 must be located to make the outline non-symmetrical.
3. Term. 2 & 3 are both tab type terminals.
4. Minimum electrical creepage length between Term. 1 & 2 and between Term. 1 & 3.
5. Minimum electrical strike distance between Term. 1 & 2 and between Term. 1 & 3.
6. Surfaces flat within .0015 per inch.
7. Typical two places.
8. Term. 2 is round type and Term. 3 is tab type.
9. Round term. used on some variations for Term. 2 only.
10. $L_3$ is for connector clearance. Counterbore $ØD_2$ is optional.

| SYMBOL | INCHES | | | | | | | | MILLIMETERS | | | | | | | | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | AA | | AB | | AC | | | | AA | | AB | | AC | | | | |
| | MIN. | MAX. | MIN. | MAX. | MIN. | MAX. | MIN. | MAX. | MIN. | MAX. | MIN. | MAX. | MIN. | MAX. | MIN. | MAX. | |
| b | .186 | .312 | .186 | .312 | .186 | .312 | | | 4.73 | 7.92 | 4.73 | 7.92 | 4.73 | 7.92 | | | |
| $b_1$ | .186 | .191 | .186 | .191 | .186 | .191 | | | 4.725 | 4.851 | 4.725 | 4.851 | 4.725 | 4.851 | | | |
| Øb | — | — | .057 | .059 | .057 | .059 | | | — | — | 1.448 | 1.498 | 1.448 | 1.498 | | | |
| c | .014 | .019 | .014 | .019 | .014 | .019 | | | .356 | .482 | .356 | .482 | .356 | .482 | | | |
| ØD | 1.420 | 1.700 | 1.420 | 1.700 | 2.200 | 2.500 | | | 36.07 | 43.18 | 36.07 | 43.18 | 55.88 | 63.50 | | | 2 |
| $ØD_1$ | .730 | 1.165 | .730 | 1.165 | 1.031 | 1.500 | | | 18.55 | 29.59 | 18.55 | 29.59 | 26.19 | 38.10 | | | 6 |
| $ØD_2$ | — | — | .100 | — | .100 | — | | | — | — | 2.54 | — | 2.54 | — | | | 10 |
| EC | .300 | — | .300 | — | 1.000 | — | | | 7.62 | — | 7.62 | — | 25.40 | — | | | 4 |
| ES | .300 | — | .250 | — | .500 | — | | | 7.62 | — | 6.35 | — | 12.70 | — | | | 5 |
| H | .490 | .600 | .490 | .600 | 1.000 | 1.065 | | | 12.45 | 15.24 | 12.45 | 15.24 | 25.40 | 27.05 | | | |
| h | .050 | .125 | .050 | .125 | .050 | .160 | | | 1.27 | 3.17 | 1.27 | 3.17 | 1.27 | 4.06 | | | 7 |
| $Ø_J$ | .123 | .145 | .123 | .145 | .123 | .145 | | | 3.13 | 3.68 | 3.13 | 3.68 | 3.13 | 3.68 | | | 7 |
| L | .245 | .760 | .245 | .760 | .245 | .760 | | | 6.23 | 19.30 | 6.23 | 19.30 | 6.23 | 19.30 | | | |
| $L_2$ | — | — | .025 | .065 | .025 | .065 | | | — | — | .64 | 1.65 | .64 | 1.65 | | | |
| $L_3$ | — | — | .100 | — | .100 | — | | | — | — | 2.54 | — | 2.54 | — | | | 10 |
| N | .010 | .100 | .010 | .100 | .030 | .110 | | | .26 | 2.54 | .26 | 2.54 | .77 | 2.79 | | | 7 |
| $Q_1$ | — | — | .010 | .020 | .010 | .020 | | | — | — | .254 | .508 | .254 | .508 | | | |
| R | .610 | 1.125 | .610 | 1.125 | — | 1.435 | | | 15.50 | 28.57 | 15.50 | 28.57 | — | 36.44 | | | |
| S | .115 | .140 | .115 | .140 | .115 | .140 | | | 2.93 | 3.55 | 2.93 | 3.55 | 2.93 | 3.55 | | | |
| ØT | .050 | .070 | .050 | .070 | .050 | .070 | | | 1.27 | 1.77 | 1.27 | 1.77 | 1.27 | 1.77 | | | |
| β | 20° | 50° | 15° | 50° | 15° | 50° | | | 20° | 50° | 15° | 50° | 15° | 50° | | | |
| NOTE | 1, 3 | | 1, 8 | | 1, 8 | | | | 1, 3 | | 1, 8 | | 1, 8 | | | | |



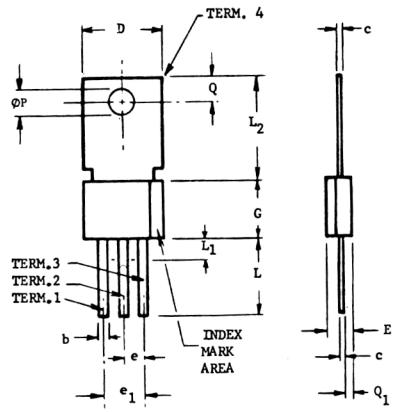



| SYMBOL | INCHES | | MILLIMETERS | | NOTE |
|---|---|---|---|---|---|
| | AA | | AA | | |
| | MIN. | MAX. | MIN. | MAX. | |
| $b_1$ | .045 | .055 | 1.143 | 1.397 | |
| Øb | .165 | .175 | 4.191 | 4.445 | |
| $Øb_1$ | .115 | .125 | 2.921 | 3.175 | |
| $Øb_2$ | .090 | .110 | 2.29 | 2.79 | |
| ØD | .495 | .505 | 12.573 | 12.827 | |
| $ØD_1$ | .245 | .255 | 6.223 | 6.477 | |
| $ØD_2$ | .245 | .255 | 6.223 | 6.477 | |
| $F_1$ | .145 | .175 | 3.69 | 4.44 | |
| G | .045 | .060 | 1.15 | 1.52 | |
| $G_1$ | .025 | .035 | .635 | .889 | |
| L | .095 | .115 | 2.42 | 2.92 | |
| $L_2$ | .165 | .195 | 4.20 | 4.95 | |
| $L_3$ | .040 | .060 | 1.02 | 1.52 | |
| R | .027 | .033 | .686 | .838 | |
| NOTE | 1 | | 1 | | |

NOTES:

1. Refer to rules for dimensioning semiconductor product outlines included in Publication No 76.

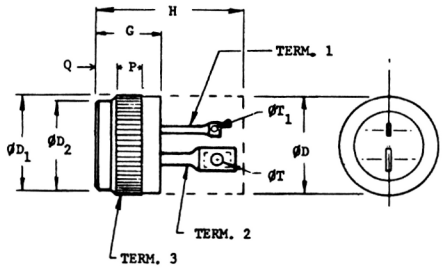





| SYMBOL | INCHES | | MILLIMETERS | | NOTE |
|---|---|---|---|---|---|
| | AA | | AA | | |
| | MIN. | MAX. | MIN. | MAX. | |
| b | .045 | .055 | 1.143 | 1.397 | |
| c | .010 | .026 | .26 | .66 | |
| D | .360 | .400 | 9.15 | 10.16 | |
| E | .120 | .190 | 3.05 | 4.82 | |
| e | .095 | .105 | 2.413 | 2.667 | 3 |
| $e_1$ | .190 | .210 | 4.83 | 5.33 | 3 |
| G | .280 | .320 | 7.12 | 8.12 | |
| L | .371 | .520 | 9.43 | 13.20 | |
| $L_1$ | — | .100 | — | 2.54 | 2 |
| $L_2$ | .480 | .520 | 12.20 | 13.20 | |
| ØP | .123 | .127 | 3.125 | 3.225 | |
| Q | .095 | .155 | 2.42 | 3.93 | |
| $Q_1$ | .039 | .076 | 1.00 | 1.93 | |
| NOTE | 1 | | 1 | | |

NOTES:

1. Refer to rules for dimensioning semiconductor product outlines included in Publication No. 76.
2. Lead dimensions uncontrolled in this zone to allow for body and lead irregularities.
3. Lead spacing to be measured between .125 and .150 from the point of emergence from the body.

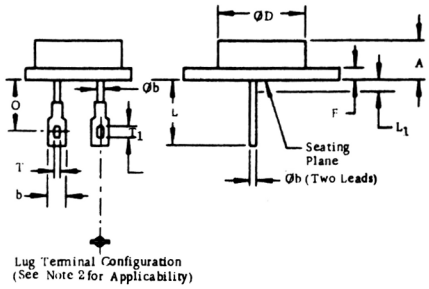



| SYMBOL | INCHES AA MIN. | INCHES AA MAX. | MILLIMETERS AA MIN. | MILLIMETERS AA MAX. | NOTE |
|---|---|---|---|---|---|
| ØD | — | .510 | — | 12.95 | 2 |
| $ØD_1$ | .501 | .505 | 12.726 | 12.827 | 5 |
| $ØD_2$ | .465 | .475 | 11.811 | 12.065 | |
| G | .330 | .380 | 8.39 | 9.65 | |
| H | — | .800 | — | 20.32 | |
| P | .100 | — | 2.54 | — | 5 |
| Q | .080 | .097 | 2.04 | 2.46 | |
| ØT | .065 | .090 | 1.66 | 2.28 | 3,4 |
| $ØT_1$ | .035 | .068 | .89 | 1.72 | 4,6 |
| NOTE | 1 | | 1 | | |

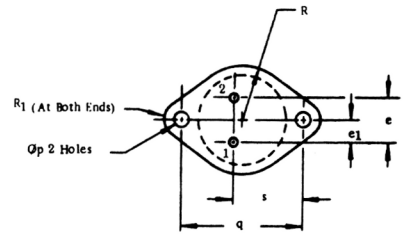
NOTES:

1. Refer to rules for dimensioning semiconductor product outlines included in Publication No. 76.
2. Outline contour is optional within zone defined by ØD and P min. and H max.
3. Elongated hole in terminal is optional.
4. Contour and orientation of Term. 1 & 2 are not defined.
5. Straight knurl surface.
6. Term. 1 to be shorter than Term. 2 for identification.





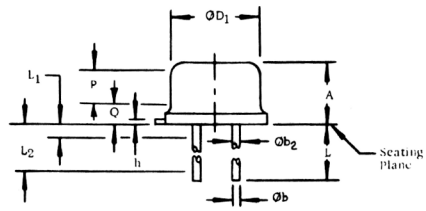

Lug Terminal Configuration
(See Note 2 for Applicability)

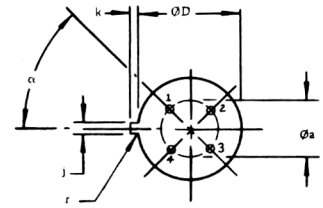



NOTES:

1. Refer to rules for dimensioning semiconductor product outlines included in Publication No. 76.
2. Lug terminal configuration required.
3. Lug terminal configuration not applicable – straight pins required.
4. Square or radius on end of terminal and hole configuration optional.
5. These dimensions should be measured at points .050 – .055 below seating plane. When gauge is not used, measurement will be made at the seating plane.
6. Øb applies between $L_1$ and L. Diameter is uncontrolled in $L_1$.
7. The seating plane of the header shall be flat .001 concave to .004 convex inside a .930 diameter circle on the center of the header and flat within .001 concave to .006 convex overall.

| SYMBOL | INCHES MA MIN. | INCHES MA MAX. | INCHES MB MIN. | INCHES MB MAX. | INCHES MC MIN. | INCHES MC MAX. | INCHES MIN. | INCHES MAX. | MILLIMETERS MA MIN. | MILLIMETERS MA MAX. | MILLIMETERS MB MIN. | MILLIMETERS MB MAX. | MILLIMETERS MC MIN. | MILLIMETERS MC MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | .250 | .450 | .250 | .450 | .250 | .450 | | | 6.35 | 11.35 | 6.35 | 11.43 | 6.35 | 11.43 | | | |
| b | — | — | .125 | .210 | — | — | | | — | — | 3.18 | 5.33 | — | — | | | 3 |
| Øb | .038 | .043 | .038 | .053 | .048 | .053 | | | .966 | 1.092 | .97 | 1.34 | 1.220 | 1.346 | | | |
| ØD | — | .875 | — | .875 | — | .875 | | | — | 22.22 | — | 22.22 | — | 22.22 | | | 3 |
| e | .420 | .440 | .420 | .440 | .420 | .440 | | | 10.67 | 11.17 | 10.67 | 11.17 | 10.67 | 11.17 | | | |
| $e_1$ | .205 | .225 | .205 | .225 | .205 | .225 | | | 5.21 | 5.71 | 5.21 | 5.71 | 5.21 | 5.71 | | | 4 |
| F | .060 | .135 | .060 | .135 | .060 | .135 | | | 1.53 | 3.42 | 1.53 | 3.42 | 1.53 | 3.42 | | | 4 |
| L | .312 | .500 | .560 | .680 | .312 | .500 | | | 7.93 | 12.70 | 14.23 | 17.27 | 7.93 | 12.70 | | | |
| $L_1$ | — | .050 | — | .050 | — | .050 | | | — | 1.27 | — | 1.27 | — | 1.27 | | | |
| O | — | — | .500 | .581 | — | — | | | — | — | 12.70 | 14.75 | — | — | | | 6 |
| Øp | .151 | .161 | .151 | .161 | .151 | .161 | | | 3.836 | 4.089 | 3.836 | 4.089 | 3.836 | 4.089 | | | |
| q | 1.177 | 1.197 | 1.177 | 1.197 | 1.177 | 1.197 | | | 29.90 | 30.40 | 29.90 | 30.40 | 29.90 | 30.40 | | | |
| R | .495 | .525 | .495 | .525 | .495 | .525 | | | 12.58 | 13.33 | 12.58 | 13.33 | 12.58 | 13.33 | | | |
| $R_1$ | .131 | .188 | .131 | .188 | .131 | .188 | | | 3.33 | 4.77 | 3.33 | 4.77 | 3.33 | 4.77 | | | |
| s | .655 | .675 | .655 | .675 | .655 | .675 | | | 16.64 | 17.14 | 16.64 | 17.14 | 16.64 | 17.14 | | | |
| T | — | — | .072 | .120 | — | — | | | — | — | 1.83 | 3.04 | — | — | | | |
| $T_1$ | — | — | .072 | .170 | — | — | | | — | — | 1.83 | 4.31 | — | — | | | |
| NOTE | 1, 3, 7 | | 1, 2, 7 | | 1, 3, 7 | | | | 1, 3, 7 | | 1, 2, 7 | | 1, 3, 7 | | | | |



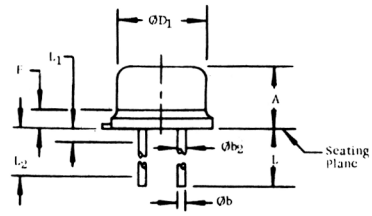



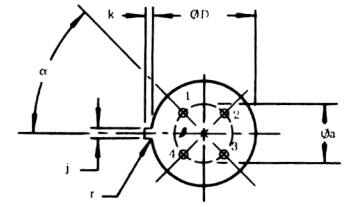

NOTES:

1. Refer to rules for dimensioning semiconductor product outlines included in Publication No. 76.
2. Lead number 4 omitted on this outline.
3. Tab omitted in this variation.
4. Beyond r max, j must be held for a minimum length of .011.
5. k measured from max ØD.
6. Details of outline in this zone optional.
7. $ØD_1$ shall not vary more than .010 in zone P. This zone is controlled for automatic handling.
8. Leads at gauge plane .054-.055 below seating plane shall be within .007 radius of True Position (TP) at maximum material condition (MMC) relative to tab at MMC. The device may be measured by direct methods or by the gauge and gauging procedure described on gauge drawing GS-1.
9. $Øb_2$ applies between $L_1$ and $L_2$. Øb applies between $L_2$ and L min. Diameter is uncontrolled in $L_1$ and beyond L min.

| SYMBOL | INCHES | | | | | | | | MILLIMETERS | | | | | | | | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MA | | MC | | MB | | MD | | MA | | MB | | MC | | MD | | |
| | MIN. | MAX. | MIN. | MAX. | MIN. | MAX. | MIN. | MAX. | MIN. | MAX. | MIN. | MAX. | MIN. | MAX. | MIN. | MAX. | |
| A<br>Øa | .240<br>.200 TP | .260 | .240<br>.200 TP | .260 | .200<br>.200 TP | .260 | .240<br>.200 TP | .260 | 6.10<br>5.080 TP | 6.60 | 5.08<br>5.080 TP | 6.60 | 6.10<br>5.080 TP | 6.60 | 6.10<br>5.080 TP | 6.60 | 8 |
| Øb<br>$Øb_2$ | .016<br>.016 | .021<br>.019 | .016<br>.016 | .021<br>.019 | .016<br>.016 | .021<br>.019 | .016<br>.016 | .021<br>.019 | .407<br>.407 | .533<br>.482 | .407<br>.407 | .533<br>.482 | .407<br>.407 | .533<br>.482 | .407<br>.407 | .533<br>.482 | 9<br>9 |
| ØD<br>$ØD_1$ | .335<br>.305 | .370<br>.335 | .335<br>.305 | .370<br>.335 | .290<br>.275 | .370<br>.335 | .335<br>.305 | .370<br>.335 | 8.51<br>7.75 | 9.39<br>8.50 | 7.37<br>6.99 | 9.39<br>8.50 | 8.51<br>7.75 | 9.39<br>8.50 | 8.51<br>7.75 | 9.39<br>8.50 | |
| h<br>j | .009<br>.028 | .041<br>.034 | .009<br>.028 | .041<br>.034 | -<br>- | -<br>- | .009<br>.028 | .041<br>.034 | .23<br>.712 | 1.04<br>.863 | -<br>- | -<br>- | .23<br>.712 | 1.04<br>.863 | .23<br>.712 | 1.04<br>.863 | 4 |
| k<br>L | .029<br>1.500 | .045<br>1.750 | .029<br>1.500 | .045<br>1.750 | -<br>1.500 | -<br>1.750 | .029<br>.500 | .045<br>.750 | .74<br>38.10 | 1.14<br>44.45 | -<br>38.10 | -<br>44.45 | .74<br>38.10 | 1.14<br>44.45 | .74<br>12.70 | 1.14<br>19.05 | 4,5<br>9 |
| $L_1$<br>$L_2$ | -<br>.250 | .050<br>- | -<br>.250 | .050<br>- | -<br>.250 | .050<br>- | -<br>.250 | .050<br>- | -<br>6.35 | 1.27<br>- | -<br>6.35 | 1.27<br>- | -<br>6.35 | 1.27<br>- | -<br>6.35 | 1.27<br>- | 9<br>9 |
| P<br>Q | .100<br>- | -<br>.050 | .100<br>- | -<br>.050 | .100<br>- | -<br>.075 | .100<br>- | -<br>.050 | 2.54<br>- | -<br>1.27 | 2.54<br>- | -<br>1.90 | 2.54<br>- | -<br>1.27 | 2.54<br>- | -<br>1.27 | 7<br>6 |
| r<br>α | -<br>45° TP | .010 | -<br>45° TP | .010 | -<br>- | -<br>- | -<br>45° TP | .010 | -<br>45° TP | .254 | -<br>- | -<br>- | -<br>45° TP | .254 | -<br>45° TP | .254 | 8 |
| NOTE | 1,2 | | 1 | | 1,2,3 | | 1,2 | | 1, 2 | | 1. 2. 3 | | 1 | | 1,2 | | |





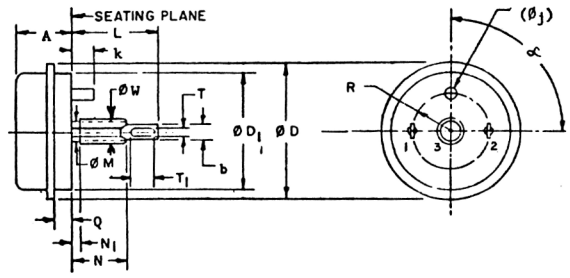




NOTES:

1. Refer to rules for dimensioning semiconductor product outlines included in Publication No. 76.
2. Lead number 4 omitted in this variation.
3. Body contour optional within zone defined by ØD, $ØD_1$ and F.
4. Beyond r max, j must be held for a minimum length of .011.
5. Leads at gauge plane shall be within .007 radius of True Position (TP) at maximum material condition (MMC) relative to tab at MMC. The device may be measured by direct methods or by the gauge and gauging procedure described on gauge drawing GS-2.
6. $Øb_2$ applies between $L_1$ and $L_2$. Øb applies between $L_2$ and L min. Diameter is uncontrolled in $L_1$ and beyond L min.
7. k measured from maximum ØD of actual device.

| SYMBOL | INCHES | | | | | | | | MILLIMETERS | | | | | | | | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MA | | MB | | MC | | MD | | MA | | MB | | MC | | MD | | |
| | MIN. | MAX. | MIN. | MAX. | MIN. | MAX. | MIN. | MAX. | MIN. | MAX. | MIN. | MAX. | MIN. | MAX. | MIN. | MAX. | |
| A<br>Øa | .170<br>.100 TP | .210 | .065<br>.100 TP | .085 | .115<br>.100 TP | .150 | .170<br>.100 TP | .210 | 4.32<br>2.540 TP | 5.33 | 1.66<br>2.540 TP | 2.15 | 2.93<br>2.540 TP | 3.81 | 4.32<br>2.540 TP | 5.33 | 5 |
| Øb<br>$Øb_2$ | .016<br>.016 | .021<br>.019 | .016<br>.016 | .021<br>.019 | .016<br>.016 | .021<br>.019 | .016<br>.016 | .021<br>.019 | .407<br>.407 | .533<br>.482 | .407<br>.407 | .533<br>.482 | .407<br>.407 | .533<br>.482 | .407<br>.407 | .533<br>.482 | 6<br>6 |
| ØD<br>$ØD_1$ | .209<br>.178 | .230<br>.195 | .209<br>.178 | .230<br>.195 | .209<br>.178 | .230<br>.195 | .209<br>.178 | .230<br>.195 | 5.31<br>4.53 | 5.84<br>4.95 | 5.31<br>4.53 | 5.84<br>4.95 | 5.31<br>4.53 | 5.84<br>4.95 | 5.31<br>4.53 | 5.84<br>4.95 | |
| F<br>j | -<br>.036 | .040<br>.046 | -<br>.036 | .030<br>.046 | -<br>.036 | .040<br>.046 | -<br>.036 | .040<br>.046 | -<br>.915 | 1.01<br>1.168 | -<br>.915 | .76<br>1.168 | -<br>.915 | 1.01<br>1.168 | -<br>.915 | 1.01<br>1.168 | 3<br>4 |
| k<br>L | .028<br>.500 | .048<br>.750 | .028<br>.500 | .048<br>.750 | .028<br>.500 | .048<br>.750 | .028<br>.500 | .048<br>.750 | .72<br>12.70 | 1.21<br>19.05 | .72<br>12.70 | 1.21<br>19.05 | .72<br>12.70 | 1.21<br>19.05 | .72<br>12.70 | 1.21<br>19.05 | 4,7<br>6 |
| $L_1$<br>$L_2$ | -<br>.250 | .050<br>- | -<br>.250 | .050<br>- | -<br>.250 | .050<br>- | -<br>.250 | .750<br>- | -<br>6.35 | 1.27<br>- | -<br>6.35 | 1.27<br>- | -<br>6.35 | 1.27<br>- | -<br>6.35 | 1.27<br>- | 6<br>6 |
| r<br>α | -<br>45° TP | .010 | -<br>45° TP | .010 | -<br>45° TP | .010 | -<br>45° TP | .010 | -<br>45° TP | .254 | -<br>45° TP | .254 | -<br>45° TP | .254 | -<br>45° TP | .254 | 5 |
| NOTE | 1,2 | | 1,2 | | 1,2 | | 1 | | 1,2 | | 1,2 | | 1,2 | | 1 | | |

## To 207

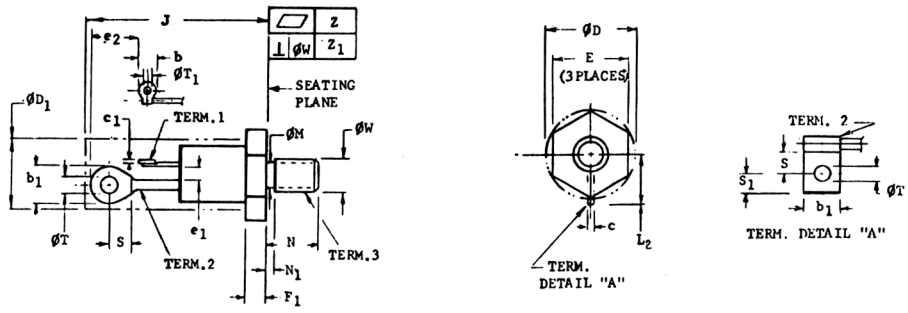



| SYMBOL | INCHES MA MIN. | INCHES MA MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTE |
|---|---|---|---|---|---|
| A | .275 | .520 | 6.99 | 13.20 | |
| b | .120 | .190 | 3.05 | 4.82 | |
| ØD | — | 1.250 | — | 31.75 | |
| $ØD_1$ | .990 | 1.010 | 25.15 | 25.65 | |
| Øj | .090 | .140 | 2.29 | 3.55 | 2 |
| k | .100 | .312 | 2.54 | 7.92 | 2 |
| L | .610 | .710 | 15.50 | 18.03 | |
| Q | .050 | .218 | 1.27 | 5.53 | |
| ØM | .166 | .189 | 4.22 | 4.80 | |
| N | .375 | .500 | 9.53 | 12.70 | |
| $N_1$ | — | .078 | — | 1.98 | |
| R | .335 | .355 | 8.51 | 9.01 | |
| T | .070 | .120 | 1.78 | 3.04 | |
| $T_1$ | .120 | .145 | 3.05 | 3.68 | |
| ØW | 10-32 UNF-2A | | 10-32 UNF-2A | | 3 |
| α | 85° | 95° | 85° | 95° | 4 |
| NOTE | 1 | | 1 | | |

NOTES:

1. Refer to rules for dimensioning semiconductor product outlines included in Publication No. 76.
2. Mechanical index (insulated).
3. ØW is pitch diameter of coated threads. Ref: Screw Thread Standards for Federal Services, Handbook H28, Part I.
4. Measured at seating plane.

## To 208

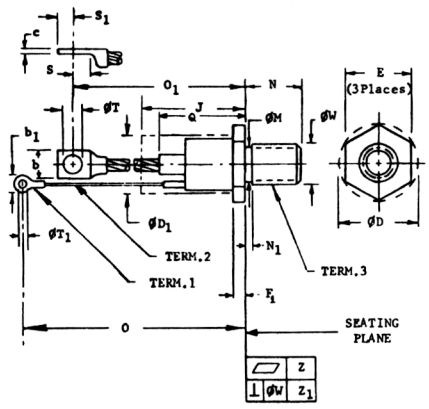



NOTES:

1. Refer to rules for dimensioning semiconductor product outlines included in Publication No. 76.
2. Device contour except on hex and noted terminal dimension is optional within zone defined by $ØD_1$ and J, $ØD_1$ not to exceed actual E.
3. Chamfer or undercut on one or both ends of the hexagonal portion is optional.
4. Contour and angular orientation of terminals 1 and 2 with respect to hexagonal portion are optional.
5. Min. flat.
6. Minimum spacing between terminals 1 and 2 at all points.
7. Minimum difference in terminal lengths to establish datum line for numbering terminals.
8. ØW is pitch diameter of coated threads. Ref: Screw Thread Standards for Federal Services, Handbook H28, Part 1.
9. Term. Detail "A" applies to this variation.

| SYMBOL | INCHES MA MIN. | INCHES MA MAX. | INCHES MB MIN. | INCHES MB MAX. | INCHES MC MIN. | INCHES MC MAX. | INCHES MIN. | INCHES MAX. | MILLIMETERS MA MIN. | MILLIMETERS MA MAX. | MILLIMETERS MB MIN. | MILLIMETERS MB MAX. | MILLIMETERS MC MIN. | MILLIMETERS MC MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| b | .115 | .140 | .080 | .136 | .115 | .160 | | | 2.93 | 3.55 | 2.04 | 3.45 | 2.93 | 4.06 | | | 4 |
| $b_1$ | .210 | .300 | .080 | .136 | .360 | .480 | | | 5.34 | 7.62 | 2.04 | 3.45 | 9.15 | 12.19 | | | 4 |
| c | — | — | — | — | .059 | .115 | | | — | — | — | — | 1.50 | 2.92 | | | |
| $c_1$ | — | — | — | — | .030 | .050 | | | — | — | — | — | .77 | 1.27 | | | |
| ØD | — | .650 | — | .505 | — | 1.227 | | | — | 16.51 | | 12.82 | — | 31.16 | | | |
| $ØD_1$ | — | .544 | — | .423 | — | 1.031 | | | — | 13.81 | — | 10.74 | — | 26.18 | | | 2 |
| E | .544 | .563 | .423 | .438 | 1.031 | 1 063 | | | 13.82 | 14.30 | 10. 75 | 11.12 | 26.19 | 27.00 | | | |
| $e_1$ | — | — | .013 | — | — | — | | | — | — | .34 | — | — | — | | | |
| $e_2$ | .125 | — | .060 | — | — | — | | | 3.18 | — | 1.53 | — | — | — | | | 7 |
| $F_1$ | .075 | .200 | .060 | .175 | .170 | .500 | | | 1.91 | 5.08 | 1.53 | 4.44 | 4.32 | 12.70 | | | 3 |
| J | — | 1.193 | .700 | .855 | — | 1.810 | | | — | 30.30 | 17.78 | 21.71 | — | 45.97 | | | 2 |
| $L_2$ | — | — | — | — | — | .650 | | | — | — | — | — | — | 16.51 | | | |
| ØM | .220 | .249 | .163 | .189 | .425 | .499 | | | 5.59 | 6.32 | 4.15 | 4.80 | 10.80 | 12.67 | | | |
| N | .422 | .453 | .400 | .453 | .797 | .827 | | | 10.72 | 11.50 | 10.16 | 11.50 | 20.25 | 21.00 | | | |
| $N_1$ | — | .090 | — | .078 | — | .125 | | | — | 2.28 | — | 1.98 | — | 3.17 | | | |
| S | .120 | — | — | — | .180 | — | | | 3.05 | — | — | — | 4.58 | — | | | 4,5 |
| $S_1$ | — | — | — | — | .180 | — | | | — | — | — | — | 4.58 | — | | | 4 |
| ØT | .125 | .165 | .040 | .075 | .180 | .260 | | | 3.18 | 4.19 | 1.02 | 1.90 | 4.58 | 6.60 | | | |
| $ØT_1$ | .060 | .075 | .040 | .075 | .060 | .080 | | | 1.53 | 1.90 | 1.02 | 1.90 | 1.53 | 2.03 | | | |
| ØW | 1/4-28 | UNF-2A | 10-32 | UNF-2A | 1/2-20 | UNF-2A | | | 1/4-28 | UNF-2A | 10-32 | UNF-2a | 1/2-20 | UNF-2A | | | 8 |
| Z | — | .002 | — | .002 | — | .003 | | | — | .050 | — | .050 | — | .076 | | | |
| $Z_1$ | — | .006 | — | .006 | — | .006 | | | — | .152 | — | .152 | — | .152 | | | |
| NOTE | 1 | | 1 | | 1, 9 | | | | 1 | | 1 | | 1, 9 | | | | |

## To 209

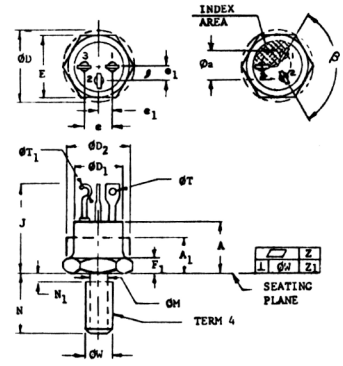



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTE |
|---|---|---|---|---|---|
| | MA | MA | MA | MA | |
| b | .437 | .650 | 11.10 | 16.51 | 6 |
| $b_1$ | .215 | .300 | 5.47 | 7.62 | 6 |
| c | .055 | .110 | 1.40 | 2.79 | |
| ØD | — | 1.227 | — | 31.16 | |
| $ØD_1$ | — | 1.031 | — | 26.18 | 2 |
| E | 1.031 | 1.063 | 26.19 | 27.00 | |
| $F_1$ | .170 | .500 | 4.32 | 12.70 | 4 |
| J | — | 2.500 | — | 63.50 | 2, 3 |
| ØM | .425 | .499 | 10.80 | 12.67 | |
| N | .797 | .827 | 20.25 | 21.00 | |
| $N_1$ | — | .125 | — | 3.17 | |
| O | 6.850 | 7.500 | 173.99 | 190.50 | 5 |
| $O_1$ | 5.775 | 6.265 | 146.69 | 159.13 | 5 |
| Q | — | 1.750 | — | 44.45 | |
| S | .250 | — | 6.35 | — | 7 |
| $S_1$ | .250 | — | 6.35 | — | 7 |
| ØT | .250 | .310 | 6.35 | 7.87 | |
| $ØT_1$ | .140 | .150 | 3.56 | 3.81 | |
| ØW | 1/2-20 | UNF-2A | 1/2-20 | UNF-2A | 8 |
| Z | — | .003 | — | .076 | |
| $Z_1$ | — | .006 | — | .152 | |
| NOTE | 1 | | 1 | | |

NOTES:

1. Refer to rules for dimensioning semiconductor product outlines included in Publication No. 76.
2. The body of the device with the exception of the hexagon and flexible lead extensions lies within the cylinder defined by $ØD_1$ and J, $ØD_1$ not to exceed actual E.
3. Seated height with the leads bent at right angles.
4. Chamfer or undercut on one or both ends of the hexagonal portion is optional.
5. Flexible lead.
6. Contour and orientation of terminal lug are optional. Square or radius on end of terminal is optional.
7. Min. flat.
8. ØW is pitch diameter of coated threads. Ref: Screw Thread Standards for Federal Services, Handbook H28, Part I.

## To 210

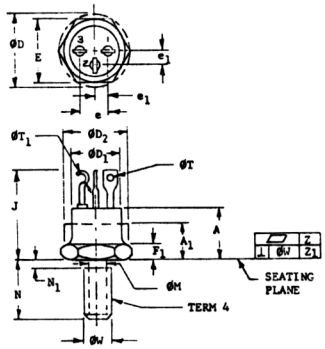



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTE |
|---|---|---|---|---|---|
| | MA | MA | MA | MA | |
| A | .320 | .468 | 8.13 | 11.88 | |
| $A_1$ | — | .250 | — | 6.35 | 4 |
| $Ø_a$ | .185 | .215 | 4.70 | 5.46 | |
| ØD | — | .505 | — | 12.82 | |
| $ØD_1$ | .318 | .380 | 8.08 | 9.65 | |
| $ØD_2$ | .380 | .437 | 9.66 | 11.09 | 4 |
| E | .423 | .438 | 10.75 | 11.12 | |
| e | .185 | .215 | 4.70 | 5.46 | 6 |
| $e_1$ | .090 | .110 | 2.29 | 2.79 | 6 |
| $F_1$ | .090 | .150 | 2.29 | 3.81 | 3 |
| J | .570 | .763 | 14.48 | 19.38 | |
| ØM | .155 | .189 | 3.94 | 4.80 | |
| N | .400 | .455 | 10.16 | 11.55 | |
| $N_1$ | — | .078 | — | 1.98 | |
| ØT | .040 | .065 | 1.02 | 1.65 | |
| $ØT_1$ | .040 | .070 | 1.02 | 1.77 | 5 |
| ØW | 10-32 UNF-2A | | 10-32 UNF-2A | | 7 |
| Z | — | .002 | — | .050 | |
| $Z_1$ | — | .006 | — | .152 | |
| β | 105° | 135° | 105° | 135° | 6 |
| NOTE | 1, 2, 3, 4, 5, 6 | | 1, 2, 3, 4, 5, 6 | | |

NOTES:

1. Refer to rules for dimensioning semiconductor product outlines included in Publication No. 76.
2. Three terminals are to be equally spaced in one of the two alternate end configurations shown.
3. Chamfer or undercut on one or both ends of hexagonal portion is optional.
4. The device contour with the exception of the hexagon is optional within cylinder defined by $ØD_2$ and $A_1$, $ØD_2$ not to exceed actual E.
5. Terminal 3 can be flattened and pierced or hook type. A visual index is required when the flattened and pierced tab terminal contour (identical to the adjacent terminals) is used with the end configuration having angular spacing of β.
6. Angular orientation of terminals with respect to hexagon is optional.
7. ØW is pitch diameter of coated threads. Ref: Screw Thread Standards for Federal Services, Handbook H28, Part I.

## To 211

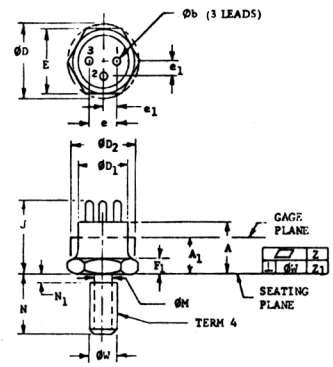



| SYMBOL | INCHES MIN. | INCHES MAX. | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTE |
|---|---|---|---|---|---|---|---|---|---|
| | MA | | MB | | MA | | MB | | |
| A | .325 | .460 | .480 | .535 | 8.26 | 11.68 | 12.20 | 13.58 | |
| $A_1$ | — | .270 | — | .300 | — | 6.85 | — | 7.62 | 3 |
| ØD | — | .794 | — | 1.010 | — | 20.16 | — | 25.65 | |
| $ØD_1$ | .570 | .610 | .745 | .775 | 14.48 | 15.49 | 18.93 | 19.68 | |
| $ØD_2$ | .610 | .687 | .775 | .875 | 15.50 | 17.44 | 19.69 | 22.22 | 3 |
| E | .669 | .688 | .847 | .875 | 17.00 | 17.47 | 21.52 | 22.22 | |
| e | .340 | .415 | .485 | .515 | 8.64 | 10.54 | 12.32 | 13.08 | 5 |
| $e_1$ | .170 | .213 | .240 | .260 | 4.32 | 5.41 | 6.10 | 6.60 | 5 |
| $F_1$ | .090 | .150 | .090 | .167 | 2.29 | 3.81 | 2.29 | 4.24 | 2 |
| J | .640 | .875 | .937 | 1.030 | 16.26 | 22.22 | 23.80 | 26.16 | |
| ØM | .220 | .249 | .278 | .312 | 5.59 | 6.32 | 7.07 | 7.92 | |
| N | .422 | .455 | .460 | .495 | 10.72 | 11.55 | 11.69 | 12.57 | |
| $N_1$ | — | .090 | — | .105 | — | 2.28 | — | 2.66 | |
| ØT | .047 | .072 | .060 | .105 | 1.20 | 1.82 | 1.53 | 2.66 | |
| $ØT_1$ | .046 | .077 | .060 | .105 | 1.17 | 1.95 | 1.53 | 2.66 | 4 |
| ØW | 1/4-28 UNF-2A | | 5/16-24 UNF-2A | | 1/4-28 UNF-2A | | 5/16-24 UNF-2A | | 6 |
| Z | — | .002 | — | .002 | — | .050 | — | .050 | |
| $Z_1$ | — | .006 | — | .006 | — | .152 | — | .152 | |
| NOTE | 1, 2, 3, 4, 5 | | 1, 2, 3, 4, 5 | | 1, 2, 3, 4, 5 | | 1, 2, 3, 4, 5 | | |

NOTES:

1. Refer to rules for dimensioning semiconductor product outlines included in Publication No. 76.
2. Chamfer or undercut on one or both ends of hexagonal portion is optional.
3. The device contour with the exception of the hexagon is optional within cylinder defined by $ØD_2$ and $A_1$, $ØD_2$ not to exceed actual E.
4. Terminal 3 can be flattened and pierced or hook type.
5. Angular orientation of terminals with respect to hexagon is optional.
6. ØW is pitch diameter of coated threads. Ref: Screw Thread Standards for Federal Services, Handbook H28, Part I.

## To 212

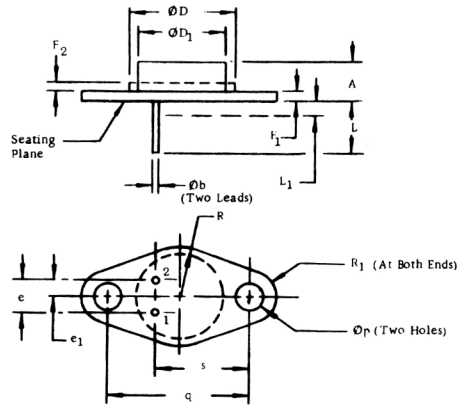



| SYMBOL | INCHES MIN. | INCHES MAX. | MILLIMETERS MIN. | MILLIMETERS MAX. | NOTE |
|---|---|---|---|---|---|
| | MA | MA | MA | MA | |
| A | .215 | .320 | 5.47 | 8.12 | |
| $A_1$ | — | .165 | — | 4.19 | 3 |
| $Ø_b$ | .035 | .045 | .889 | 1.143 | |
| ØD | — | .505 | — | 12.82 | |
| $ØD_1$ | .320 | .360 | 8.13 | 9.14 | |
| $ØD_2$ | .360 | .437 | 9.15 | 11.09 | 3 |
| E | .423 | .438 | 10.75 | 11.12 | |
| e | .200 TP | | 5.080 TP | | 4, 5 |
| $e_1$ | .100 TP | | 2.540 TP | | 4, 5 |
| $F_1$ | .115 | .135 | 2.93 | 3.42 | 2 |
| J | .385 | .455 | 9.78 | 11.55 | |
| ØM | .163 | .189 | 4.15 | 4.80 | |
| N | .422 | .455 | 10.72 | 11.55 | |
| $N_1$ | — | .078 | — | 1.98 | |
| ØW | 10-32 UNF-2A | | 10-32 UNF-2A | | 6 |
| Z | — | .002 | — | .050 | |
| $Z_1$ | — | .006 | — | .152 | |
| NOTE | 1, 2, 3, 4 | | 1, 2, 3, 4 | | |

NOTES:

1. Refer to rules for dimensioning semiconductor product outlines in Publication No. 76.
2. Chamfer or undercut on one or both ends of hexagonal portion is optional.
3. The device contour with the exception of the hexagon is optional within cylinder defined by $ØD_2$ and $A_1$, $ØD_2$ not to exceed actual E.
4. Angular orientation of terminals with respect to hexagon is optional.
5. Pins within .008 DIA of True Position (TP) at Maximum Material Condition (MMC) relative to $ØD_1$ at MMC and $ØD_2$ at MMC.
6. ØW is pitch diameter of coated threads. Ref: Screw Thread Standards for Federal Services, Handbook H28 Part I.

## To 213

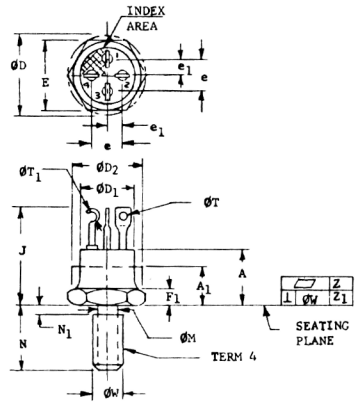



| SYMBOL | INCHES MA MIN. | INCHES MA MAX. | MILLIMETERS MA MIN. | MILLIMETERS MA MAX. | NOTE |
|---|---|---|---|---|---|
| A | .250 | .340 | 6.35 | 8.63 | |
| Øb | .028 | .034 | .712 | .863 | 4 |
| ØD | — | .620 | — | 15.74 | 2 |
| $ØD_1$ | .470 | .500 | 11.94 | 12.70 | |
| e | .190 | .210 | 4.83 | 5.33 | 3 |
| $e_1$ | .093 | .107 | 2.37 | 2.71 | 3 |
| $F_1$ | .050 | .075 | 1.27 | 1.90 | |
| $F_2$ | — | .050 | — | 1.27 | 2 |
| L | .360 | .500 | 9.15 | 12.70 | |
| $L_1$ | — | .050 | — | 1.27 | 4 |
| Øp | .142 | .152 | 3.607 | 3.860 | |
| q | .958 | .962 | 24.334 | 24.434 | |
| R | — | .350 | — | 8.89 | |
| $R_1$ | .115 | .145 | 2.93 | 3.68 | |
| s | .570 | .590 | 14.48 | 14.98 | 3 |
| NOTE | 1, 5 | | 1, 5 | | |

NOTES:

1. Refer to rules for dimensioning semiconductor product outlines included in Publication No. 76.
2. Body contour is optional within zone defined by ØD and $F_2$.
3. These dimensions should be measured at points .050 - .055 below seating plane. When gauge is not used, measurement will be made at the seating plane.
4. Øb applies between $L_1$ and L. Diameter is uncontrolled in $L_1$.
5. The seating plane of header shall be flat within .001 concave to .004 convex inside a .520 diameter circle on the center of the header and flat within .001 concave to .006 convex overall.

## To 214

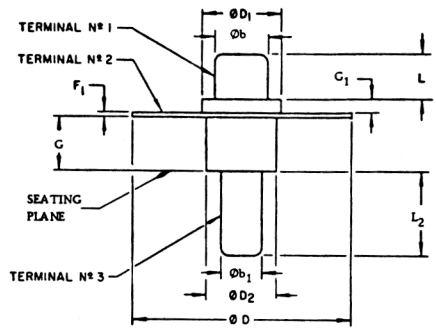



| SYMBOL | INCHES MA MIN. | INCHES MA MAX. | MILLIMETERS MA MIN. | MILLIMETERS MA MAX. | NOTE |
|---|---|---|---|---|---|
| A | .320 | .468 | 8.13 | 11.88 | |
| $A_1$ | — | .250 | — | 6.35 | 3 |
| ØD | — | .505 | — | 12.82 | |
| $ØD_1$ | .318 | .380 | 8.08 | 9.65 | |
| $ØD_2$ | .380 | .437 | 9.66 | 11.09 | 3 |
| E | .423 | .438 | 10.75 | 11.12 | |
| e | .185 | .215 | 4.70 | 5.46 | 5 |
| $e_1$ | .090 | .110 | 2.29 | 2.79 | 5 |
| $F_1$ | .090 | .150 | 2.29 | 3.81 | 2 |
| J | .570 | .763 | 14.48 | 19.38 | |
| ØM | .155 | .189 | 3.94 | 4.80 | |
| N | .400 | .455 | 10.16 | 11.55 | |
| $N_1$ | — | .078 | — | 1.98 | 7 |
| ØT | .040 | .065 | 1.02 | 1.65 | |
| $ØT_1$ | .040 | .070 | 1.02 | 1.77 | 4 |
| ØW | 10-32 UNF-2A | | 10-32 UNF-2A | | 6 |
| Z | — | .002 | — | .050 | |
| $Z_1$ | — | .006 | — | .152 | |
| NOTE | 1, 2, 3, 4, 5 | | 1, 2, 3, 4, 5 | | |

NOTES:

1. Refer to rules for dimensioning semiconductor product outlines included in Publication No. 76.
2. Chamfer or undercut on one or both ends of hexagonal portion is optional.
3. The device contour with the exception of the hexagon is optional within cylinder defined by $ØD_2$ and $A_1$. $ØD_2$ not to exceed actual E.
4. Terminal 4 can be flattened and pierced or hook type. A visual index is required when the flattened and pierced tab terminal contour (identical to the adjacent terminals) option is used.
5. Angular orientation of terminals with respect to hexagon is optional.
6. ØW is pitch diameter of coated threads. Ref: Screw Thread Standards for Federal Services, Handbook H28, Part I.

## To 215

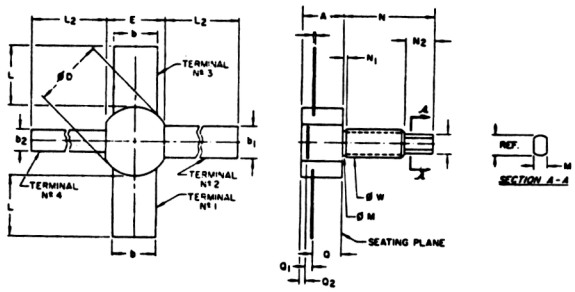



| SYMBOL | INCHES AA MIN. | INCHES AA MAX. | MILLIMETERS AA MIN. | MILLIMETERS AA MAX. | NOTE |
|---|---|---|---|---|---|
| Øb | .117 | .123 | 2.972 | 3.124 | |
| $Øb_1$ | .090 | .094 | 2.286 | 2.387 | |
| ØD | .496 | .504 | 12.599 | 12.801 | |
| $ØD_1$ | .175 | .185 | 4.445 | 4.699 | |
| $ØD_2$ | .157 | .167 | 3.988 | 4.241 | |
| $F_1$ | .009 | .012 | .229 | .304 | |
| G | .114 | .127 | 2.90 | 3.22 | |
| $G_1$ | .027 | .040 | .69 | 1.01 | |
| L | .098 | .105 | 2.490 | 2.667 | |
| $L_2$ | .179 | .191 | 4.55 | 4.85 | |
| NOTE | 1 | | 1 | | |

NOTES:

1. Refer to rules for dimensioning semiconductor product outlines included in Publication No. 76.

## To 216

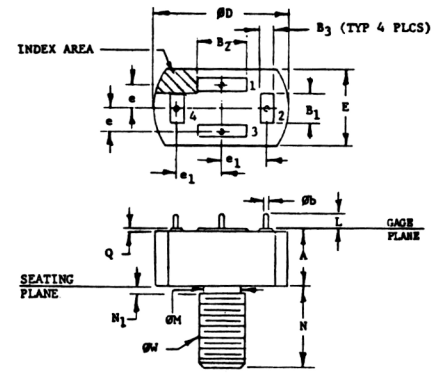



| SYMBOL | INCHES AA MIN. | INCHES AA MAX. | MILLIMETERS AA MIN. | MILLIMETERS AA MAX. | NOTE |
|---|---|---|---|---|---|
| A | .150 | .230 | 3.81 | 5.84 | |
| b | .195 | .205 | 4.953 | 5.207 | |
| $b_1$ | .135 | .145 | 3.429 | 3.683 | |
| $b_2$ | .095 | .105 | 2.413 | 2.667 | |
| c | .004 | .010 | .102 | .254 | 2 |
| ØD | .305 | .320 | 7.75 | 8.12 | 3 |
| $ØD_1$ | .110 | .130 | 2.80 | 3.30 | |
| E | .275 | .300 | 6.99 | 7.62 | 3 |
| L | .265 | .290 | 6.74 | 7.36 | |
| $L_2$ | .455 | .510 | 11.56 | 12.95 | |
| M | .053 | .064 | 1.35 | 1.62 | |
| ØM | .120 | .163 | 3.05 | 4.14 | |
| N | .425 | .470 | 10.80 | 11.93 | |
| $N_1$ | — | .078 | — | 1.98 | |
| $N_2$ | .110 | .150 | 2.80 | 3.81 | |
| Q | .120 | .170 | 3.05 | 4.31 | |
| $Q_1$ | .025 | .045 | .64 | 1.14 | |
| $Q_2$ | — | — | — | — | 3 |
| ØW | 8-32 UNC-2A | | 8-32 UNC-2A | | 4 |
| NOTE | 1 | | 1 | | |

NOTES:

1. Refer to rules for dimensioning semiconductor product outlines included in Publication No. 76.
2. Typical all leads.
3. Body contour optional within $Q_2$, ØD and E.
4. ØW is pitch diameter of coated threads. Ref: Unified Screw Threads, ANS B1.1-1960.

## To 217




| SYMBOL | INCHES AA MIN. | INCHES AA MAX. | MILLIMETERS AA MIN. | MILLIMETERS AA MAX. | NOTE |
|---|---|---|---|---|---|
| A | .295 | .325 | 7.50 | 8.25 | |
| $B_1$ | .135 | .150 | 3.43 | 3.81 | |
| $B_2$ | .235 | .250 | 5.97 | 6.35 | |
| $B_3$ | .055 | .065 | 1.397 | 1.651 | |
| Øb | .020 | .025 | .508 | .635 | |
| ØD | .650 | .680 | 16.51 | 17.27 | |
| E | .360 | .380 | 9.15 | 9.65 | |
| e | .111 | .131 | 2.82 | 3.32 | 3 |
| $e_1$ | .213 | .233 | 5.42 | 5.91 | 3 |
| L | .069 | .088 | 1.76 | 2.23 | |
| ØM | .220 | .249 | 5.59 | 6.32 | |
| N | .420 | .460 | 10.67 | 11.68 | |
| $N_1$ | — | .090 | — | 2.28 | |
| Q | .000 | .015 | .00 | .038 | |
| ØW | 1/4-28 UNF 2A | | 1/4-28 UNF 2A | | 2 |
| NOTE | 1 | | 1 | | |

NOTES:

1. Refer to rules for dimensioning semiconductor product outlines included in Publication No. 76.
2. ØW is pitch diameter of coated threads. Ref: Unified Screw Threads, ANS B1.1-1960.
3. Lead spacing to be measured at the Gage Plane.

## To 219

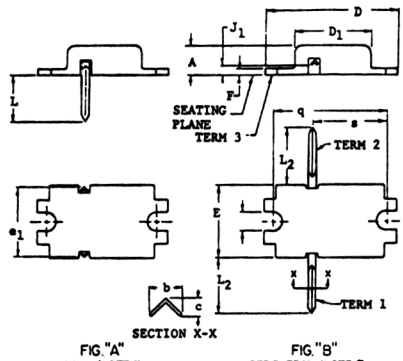



FIG."A" AXIAL (NOTE 2)

FIG."B" PERIPHERAL (NOTE 3)

| SYMBOL | INCHES AA MIN. | INCHES AA MAX. | INCHES AB MIN. | INCHES AB MAX. | MILLIMETERS AA MIN. | MILLIMETERS AA MAX. | MILLIMETERS AB MIN. | MILLIMETERS AB MAX. | NOTE |
|---|---|---|---|---|---|---|---|---|---|
| A | .160 | .200 | .160 | .200 | 4.07 | 5.08 | 4.07 | 5.08 | |
| b | .045 | .060 | .045 | .060 | 1.15 | 1.52 | 1.15 | 1.52 | |
| c | .025 | .045 | .025 | .045 | .64 | 1.14 | .64 | 1.14 | |
| D | .890 | .910 | .890 | .910 | 22.61 | 23.11 | 22.61 | 23.11 | |
| $D_1$ | .480 | .515 | .480 | .515 | 12.20 | 13.08 | 12.20 | 13.08 | |
| E | .480 | .520 | .480 | .520 | 12.20 | 13.20 | 12.20 | 13.20 | |
| $e_1$ | .460 | .505 | — | — | 11.69 | 12.82 | — | — | 5 |
| F | .055 | .070 | .055 | .070 | 1.40 | 1.77 | 1.40 | 1.77 | |
| $J_1$ | — | — | .100 | .120 | — | — | 2.54 | 3.04 | |
| L | .370 | .450 | — | — | 9.40 | 11.43 | — | — | |
| $L_2$ | — | — | .415 | .560 | — | — | 10.54 | 14.22 | |
| P | .128 | .150 | .128 | .150 | 3.26 | 3.81 | 3.26 | 3.81 | |
| q | .740 | .760 | .740 | .760 | 18.80 | 19.30 | 18.80 | 19.30 | |
| s | .500 | .520 | .500 | .520 | 12.70 | 13.20 | 12.70 | 13.20 | |
| NOTE | 1, 2, 4 | | 1, 3, 4 | | 1, 2, 4 | | 1, 3, 4 | | |

NOTES:

1. Refer to rules for dimensioning semiconductor product outlines included in Publication No. 76.
2. Figure "A", Axial Terminal Configuration, applicable.
3. Figure "B", Peripheral Terminal Configuration, applicable.
4. Terminal end configurations are optional.
5. $e_1$ is measured at seating plane.

## To 220

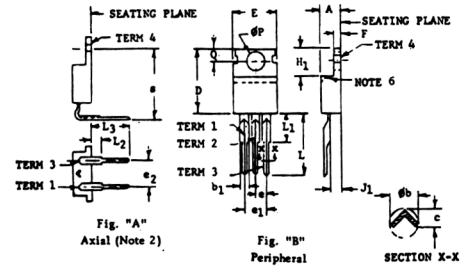



Fig. "A" Axial (Note 2)

Fig. "B" Peripheral (Note 3)

| SYMBOL | INCHES AA MIN. | INCHES AA MAX. | INCHES AB MIN. | INCHES AB MAX. | MILLIMETERS AA MIN. | MILLIMETERS AA MAX. | MILLIMETERS AB MIN. | MILLIMETERS AB MAX. | NOTE |
|---|---|---|---|---|---|---|---|---|---|
| A | .140 | .190 | .140 | .190 | 3.56 | 4.82 | 3.56 | 4.82 | |
| $b_1$ | .045 | .070 | .045 | .070 | 1.15 | 1.77 | 1.14 | 1.77 | |
| Øb | .020 | .045 | .020 | .045 | .51 | 1.14 | .51 | 1.14 | 4 |
| c | .012 | .045 | .012 | .045 | .31 | 1.14 | .31 | 1.14 | 4 |
| D | .560 | .625 | .560 | .625 | 14.23 | 15.87 | 14.23 | 15.87 | |
| E | .380 | .420 | .380 | .420 | 9.66 | 10.66 | 9.66 | 10.66 | 5 |
| e | — | — | .090 | .110 | — | — | 2.29 | 2.79 | 8 |
| $e_1$ | — | — | .190 | .210 | — | — | 4.83 | 5.33 | 8 |
| $e_2$ | .190 | .210 | — | — | 4.83 | 5.33 | — | — | 7 |
| F | .020 | .055 | .020 | .055 | .51 | 1.39 | .51 | 1.39 | |
| $H_1$ | .230 | .270 | .230 | .270 | 5.85 | 6.85 | 5.85 | 6.85 | 5 |
| $J_1$ | .080 | .115 | .080 | .115 | 2.04 | 2.92 | 2.04 | 2.92 | |
| L | — | — | .500 | .562 | — | — | 12.70 | 14.27 | |
| $L_1$ | — | — | — | .250 | — | — | — | 6.35 | |
| $L_2$ | — | .050 | — | — | — | 1.27 | — | — | |
| $L_3$ | .360 | .422 | — | — | 9.15 | 10.71 | — | — | |
| ØP | .139 | .147 | .139 | .147 | 3.531 | 3.733 | 3.531 | 3.733 | |
| Q | .100 | .120 | .100 | .120 | 2.54 | 3.04 | 2.54 | 3.04 | |
| s | .580 | .610 | — | — | 14.74 | 15.49 | — | — | |
| NOTE | 1, 2 | | 1, 3 | | 1, 2 | | 1, 3 | | |

NOTES:

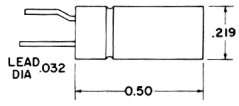
1. Refer to rules for dimensioning semiconductor product outlines included in Publication No. 76.
2. Figure "A", Axial Terminal Configuration, applicable.
3. Figure "B", Peripheral Terminal Configuration, applicable.
4. Alternate lead configurations allowed within Øb and c.
5. Tab contour optional within $H_1$ and E.
6. Chamfer optional.
7. Position of lead to be measured .050 - .055 below seating plane.
8. Position of lead to be measured .250 - .255 from bottom of dimension "D".

# Transistor Outlines

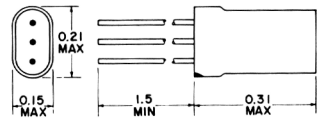
The outlines for transistors that do not have TO numbers are given in this section. They are listed with a number and a letter, such as 210A. The number "210" corresponds to the one used in the Lead and Terminal Identification section. Since there are a number of different physical shapes that have the same lead or terminal arrangement, a number is used to refer to the terminals (210), and a letter (A, B, C, etc.) is used to designate the particular outline drawing.

For additional information relating to outline drawings, refer to Registered Transistor Outlines. **NOTE: Outline dimensions are in INCHES.**

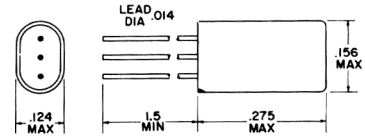
## 1A




## 5A




## 5B

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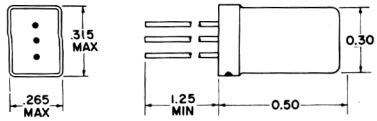
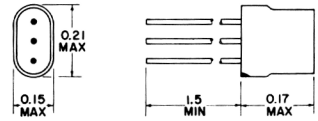



## 5D

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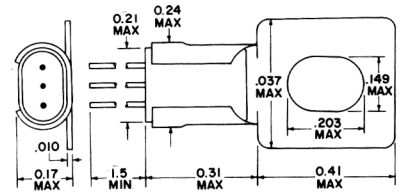
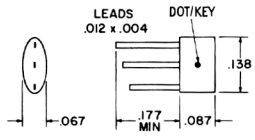
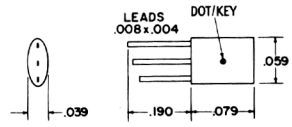


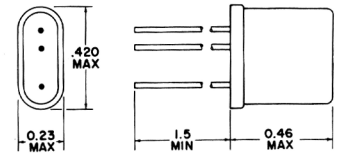

## 8A




## 8B




## 10A

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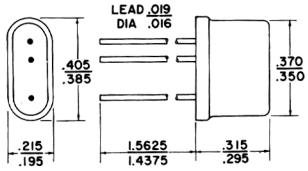


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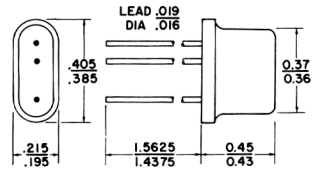
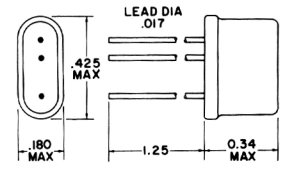



## 10E

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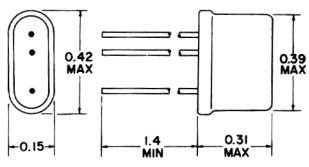


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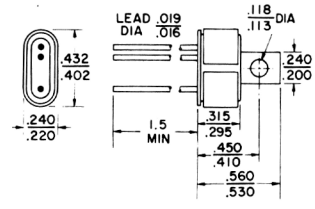
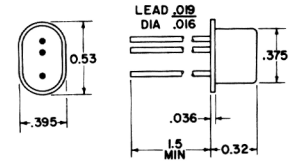



## 12A



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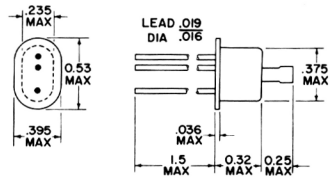


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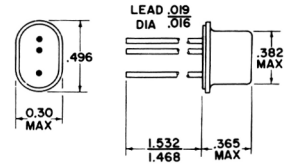


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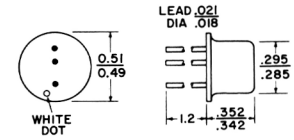


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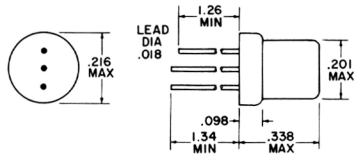


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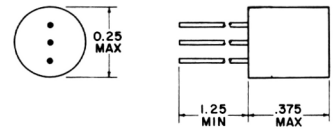


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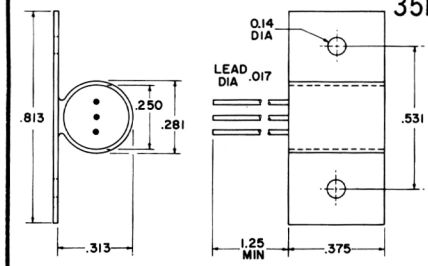


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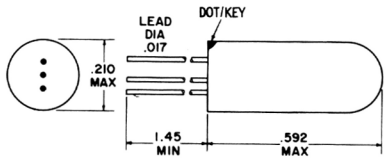


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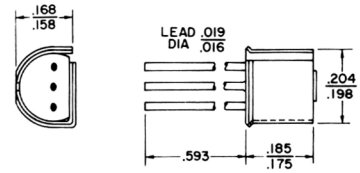


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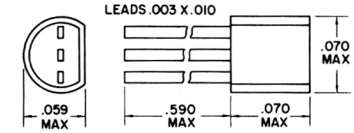


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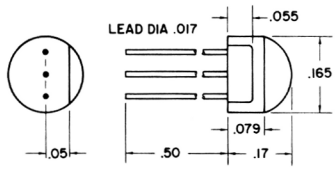


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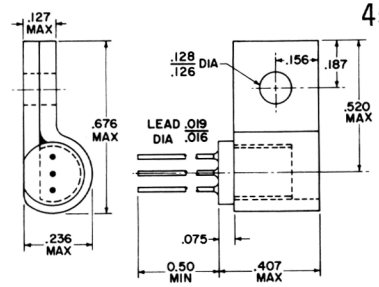


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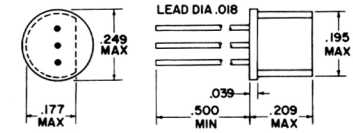


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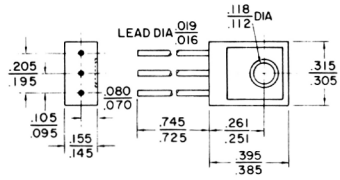


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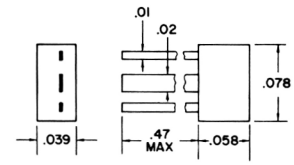


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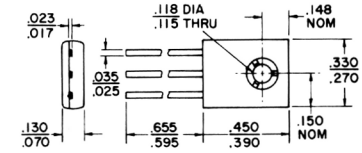


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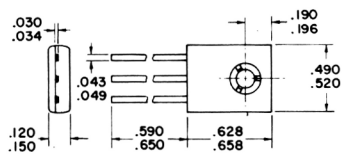


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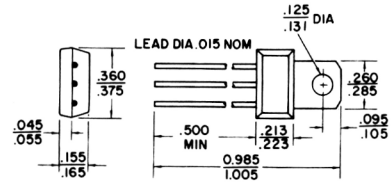


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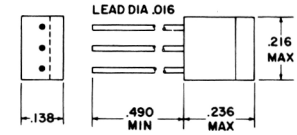

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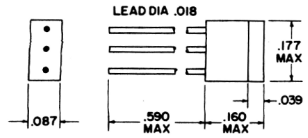


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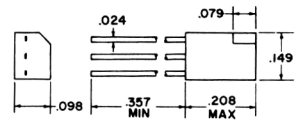


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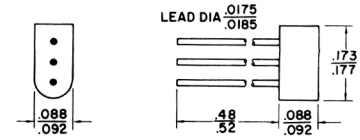


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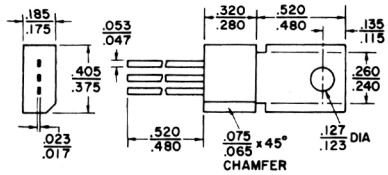


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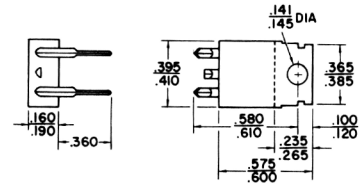


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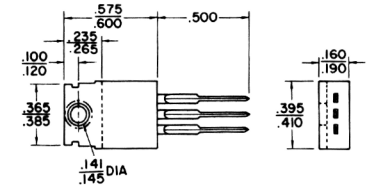


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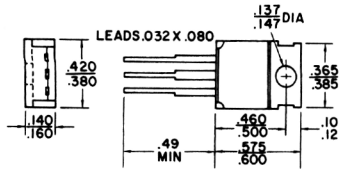


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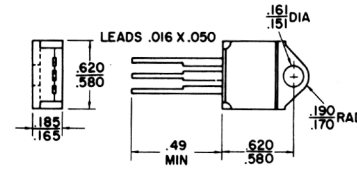
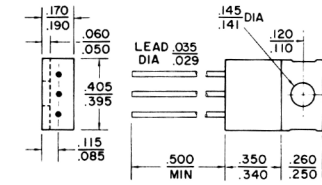



54D

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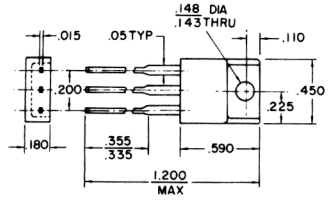
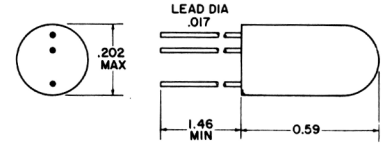
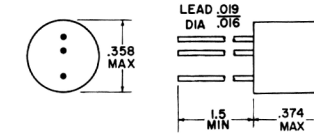


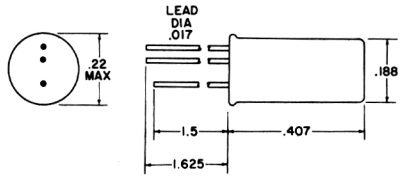

55A



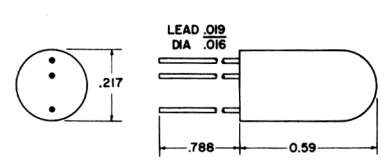

55B



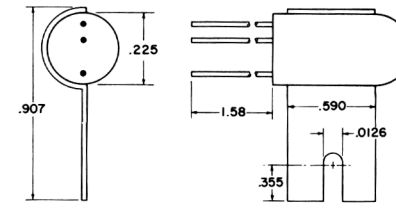

55C



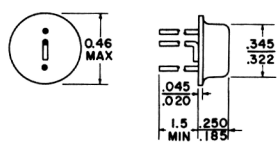

55D



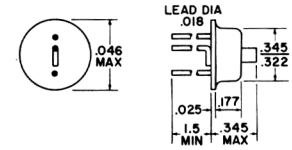

55F



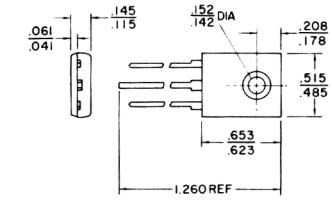

57B



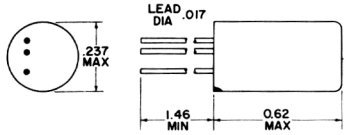

57C



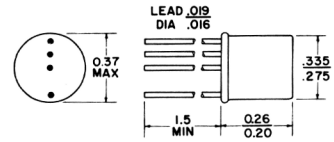

58B



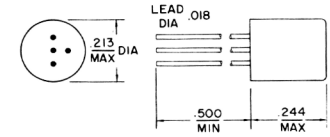
60A



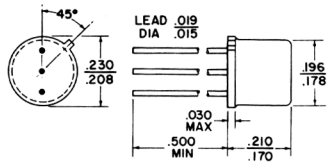

75A



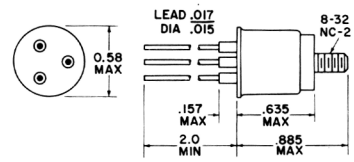

79A



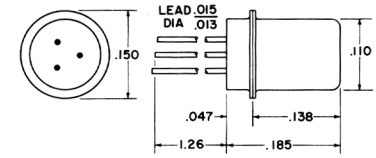

80A



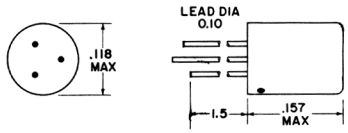

100B



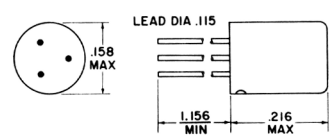

105A



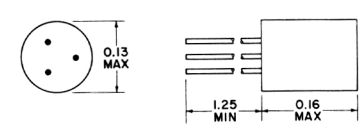

105B



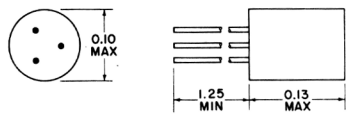

105E



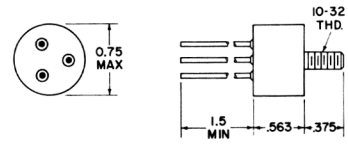

110A



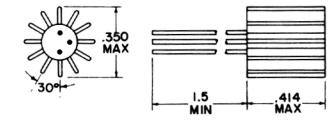

110B



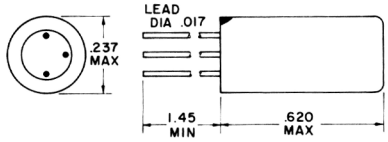

117A



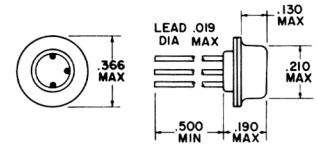

120F



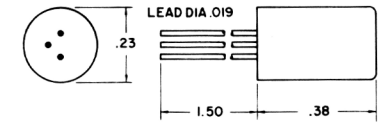

120G



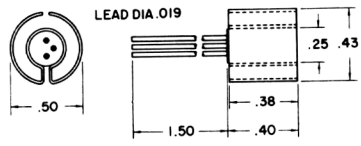

120H



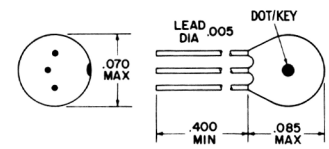

120J



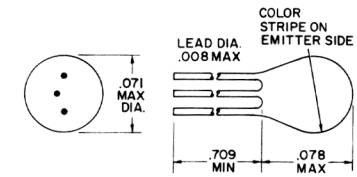

120K



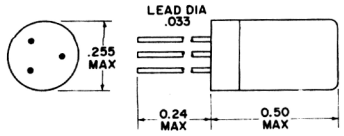

132A



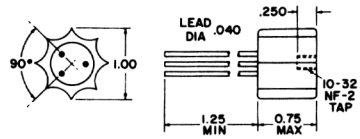

133A



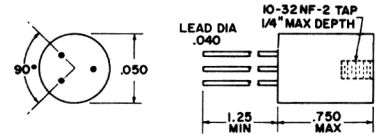
## 146C



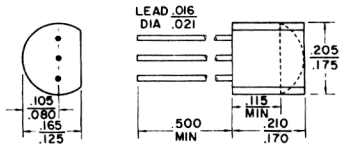

## 148A



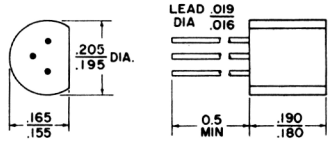

## 148B



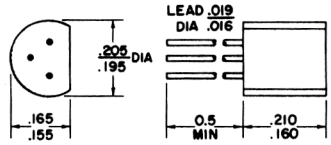

## 166A



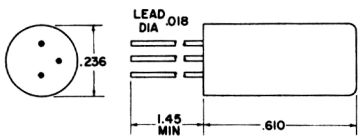

## 168A



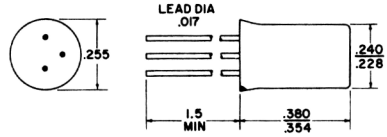

## 168B



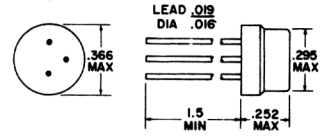

## 169B



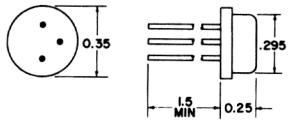

## 170A



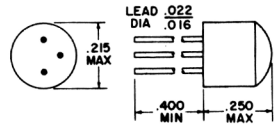

## 170B



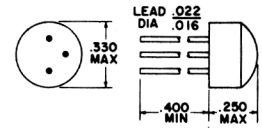

## 170E



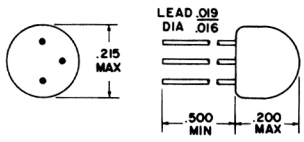

## 170F



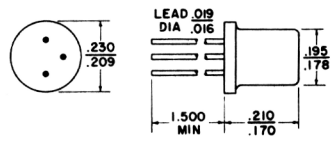

## 170G



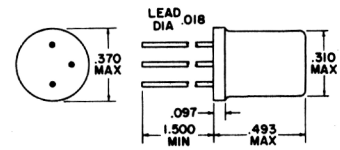

## 170H



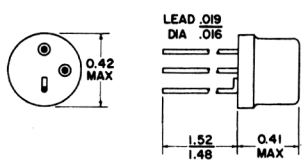

## 170J



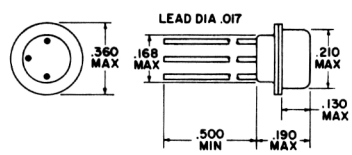

## 170K



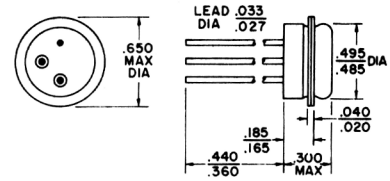

## 171A



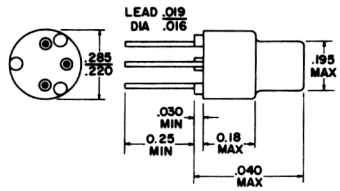

## 171D



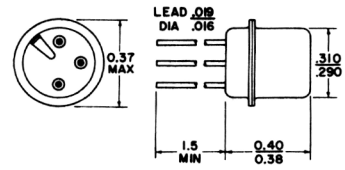

## 171L



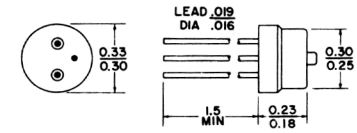
## 171S



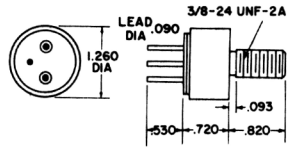

## 172A



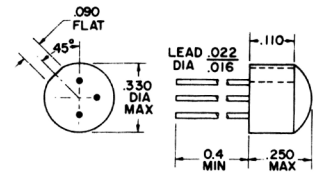

## 172D



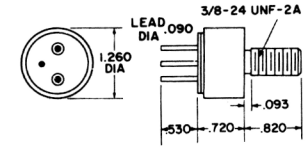

## 172E



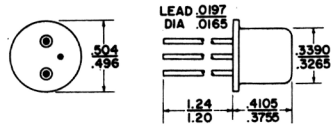

## 173A



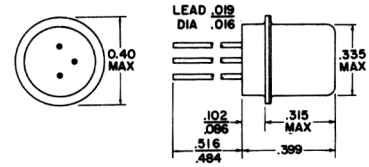

## 176E



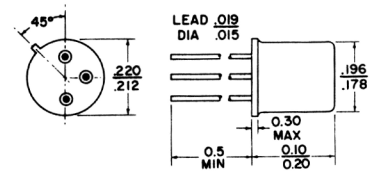

## 181A



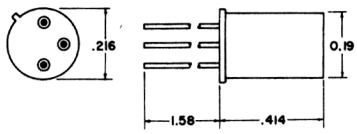

## 185A



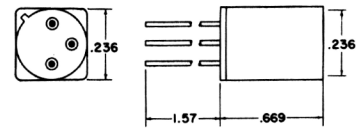

## 210A



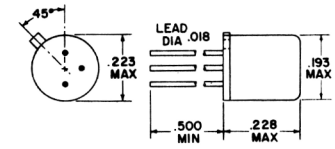

## 210C



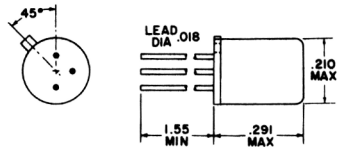

## 210D



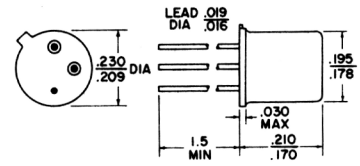

## 210G



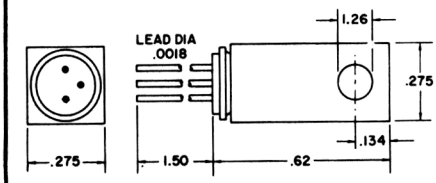

## 210H



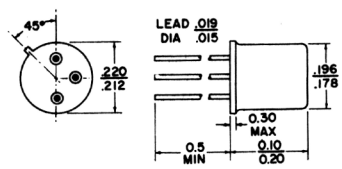

## 210J



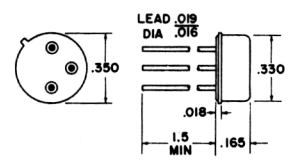

## 210K



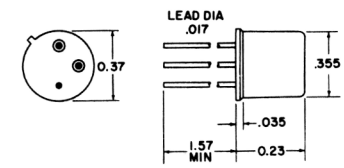

## 211A



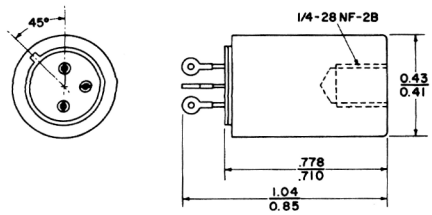

## 211B



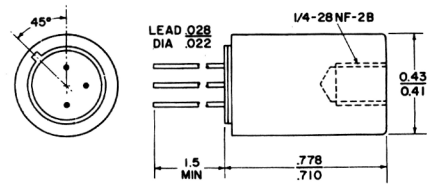

## 211C



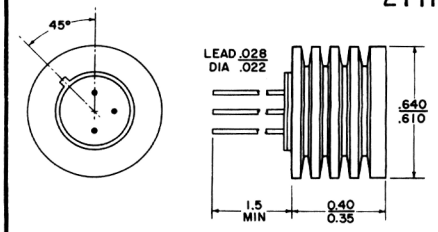
## 211F



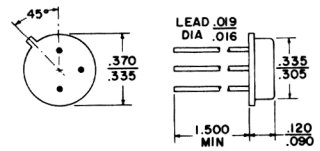

## 211G



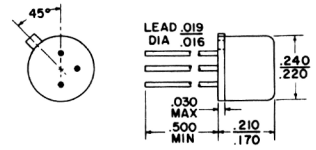

## 211H



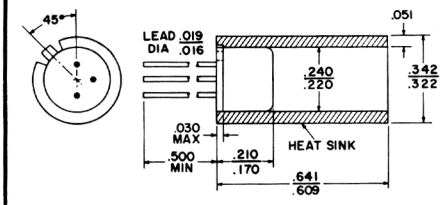

## 211K



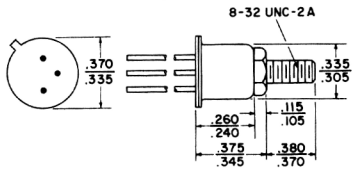

## 211L



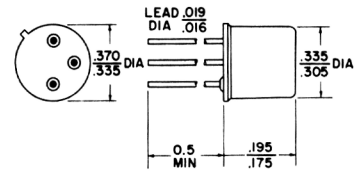

## 211M



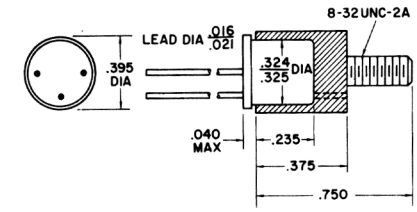

## 211P



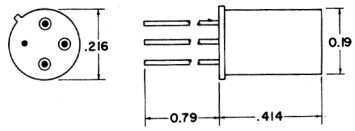

## 211Q



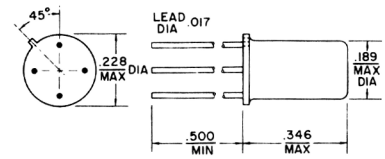

## 211S




## 217B




## 217E

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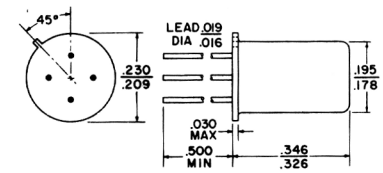
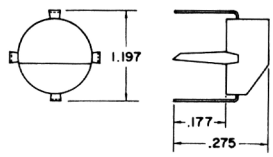
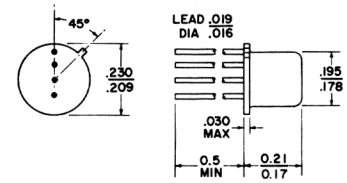


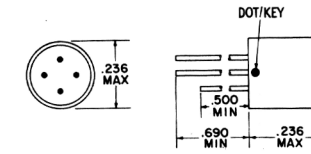

## 230A



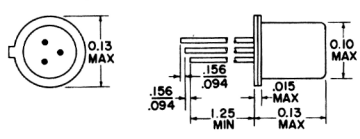

## 250A



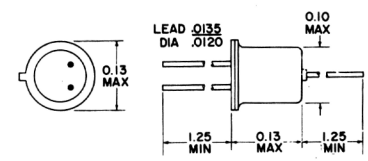

## 280A



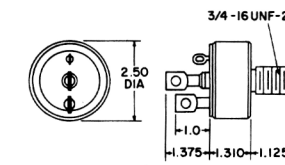

## 295A



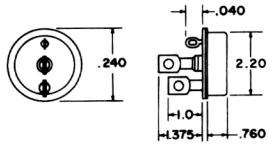

## 315A



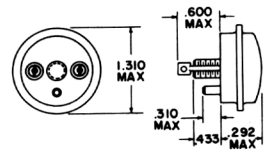

## 390A



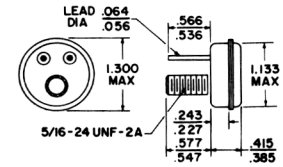
390B



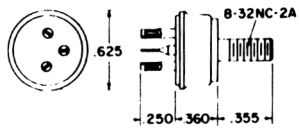

405A



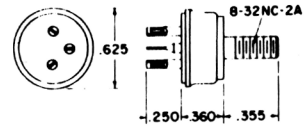

414A



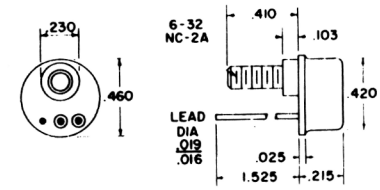

426A



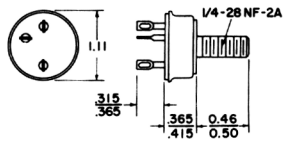

427A



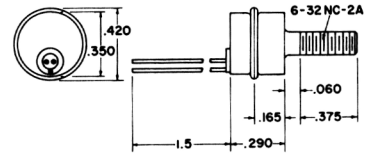

461A



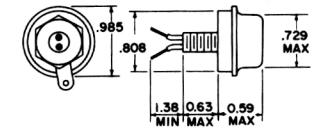

480A



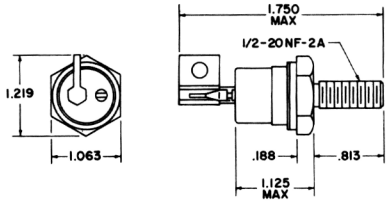

490A



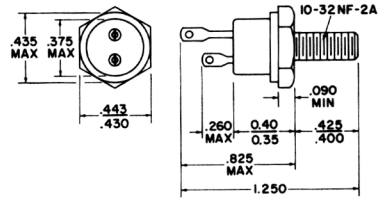

498A



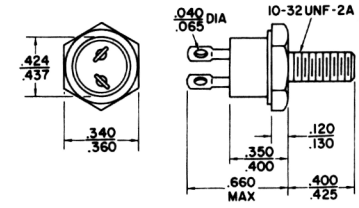

502A



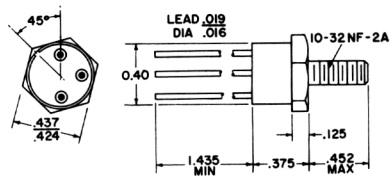

505A



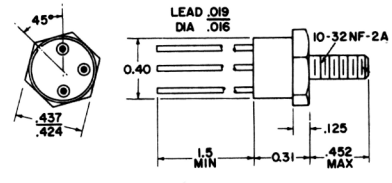

510A



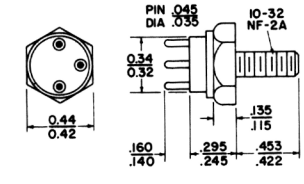

530A



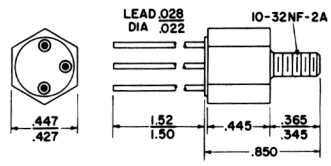

530B



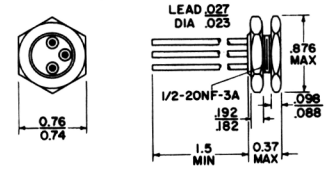

540A



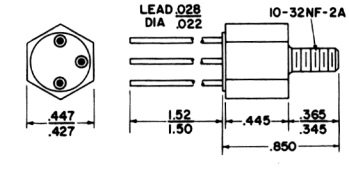

540B



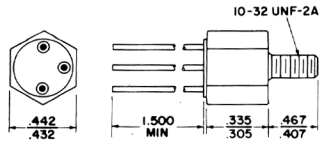

541A



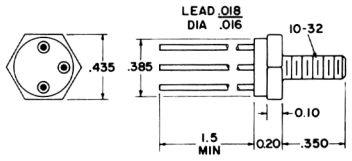

541B



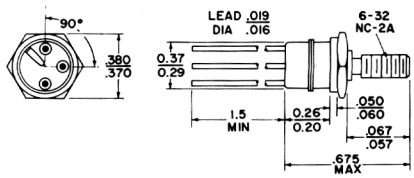
## 541D



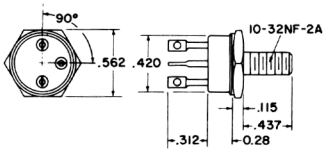

## 546A



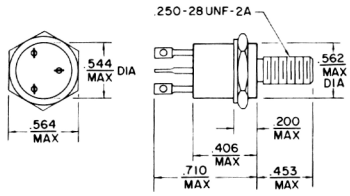

## 546C



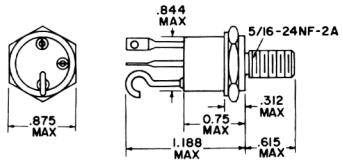

## 560A



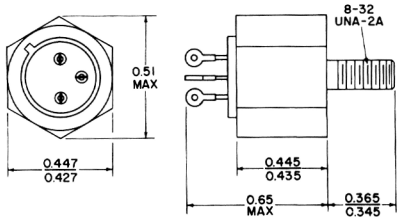

## 560E



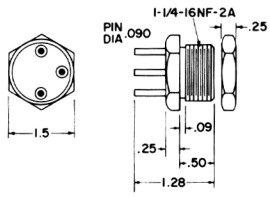

## 561F



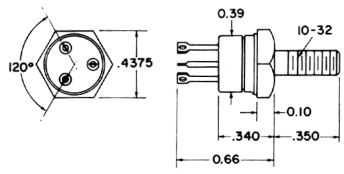

## 561G



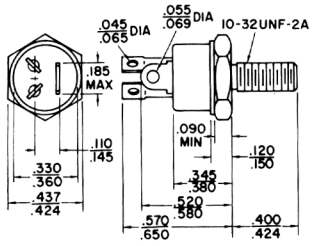

## 571A



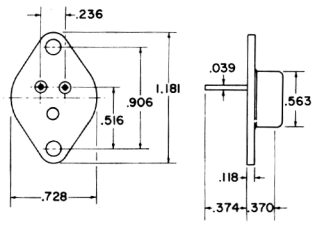

## 581B



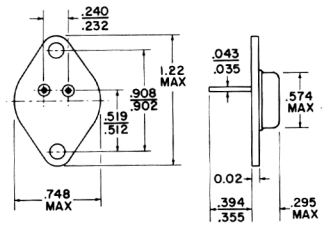

## 585A



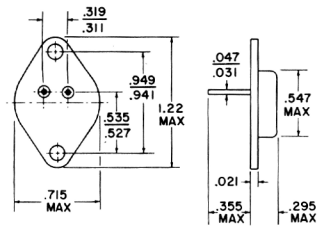

## 605A



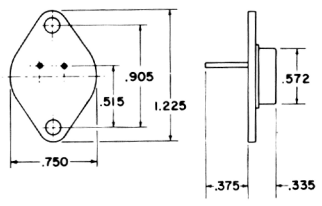

## 605B



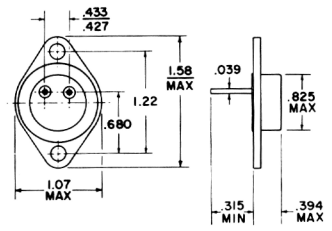

## 605C



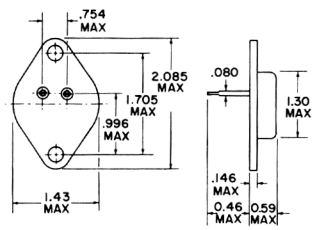

## 605F



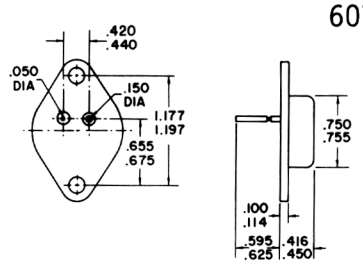

## 605G




## 607A




## 607C

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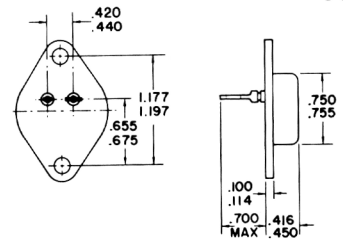

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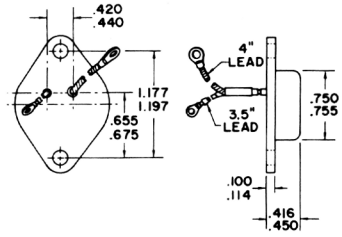


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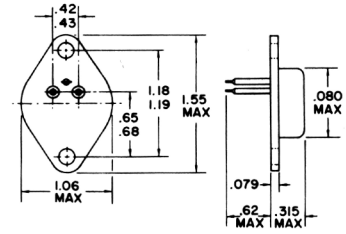


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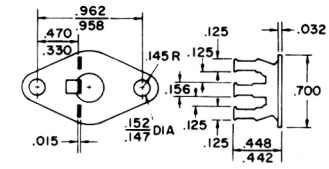


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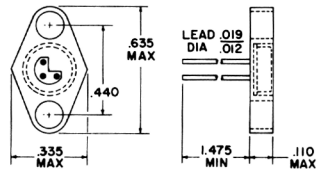


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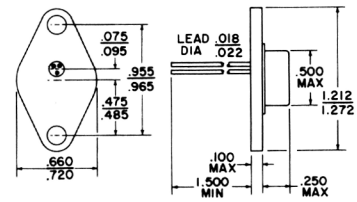


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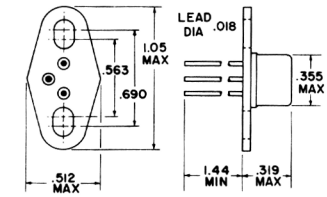


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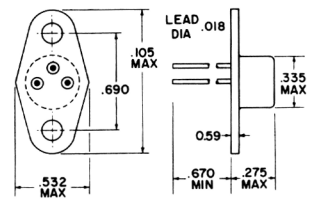


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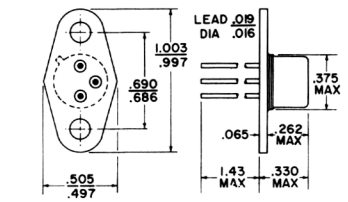


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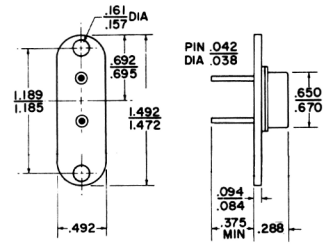


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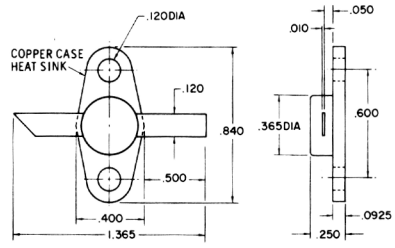


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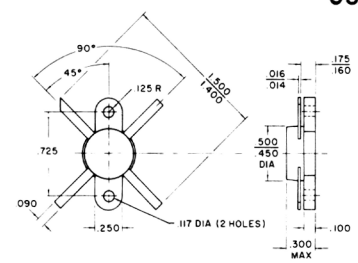


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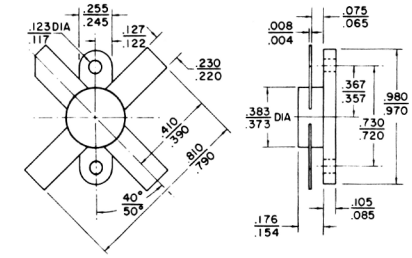


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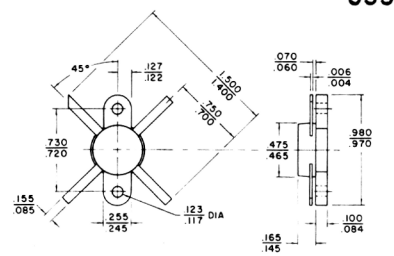


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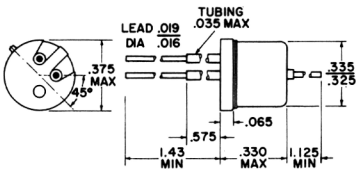


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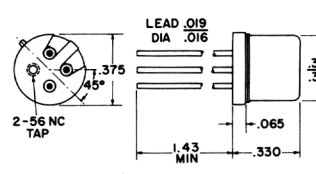


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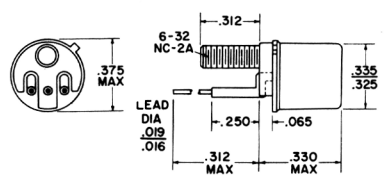


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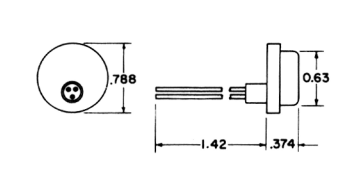


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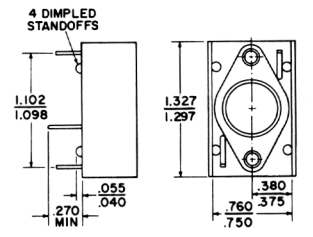

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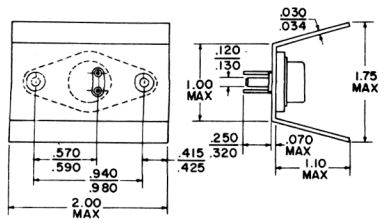


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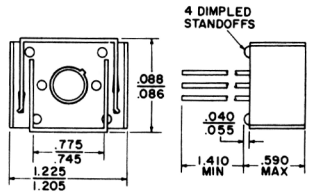


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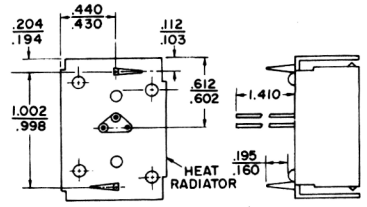


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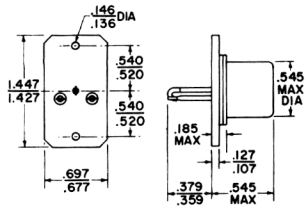


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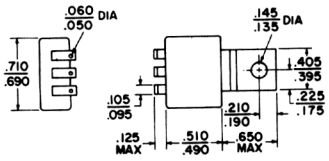


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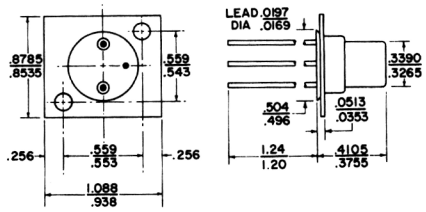


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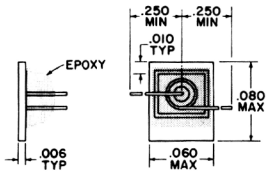


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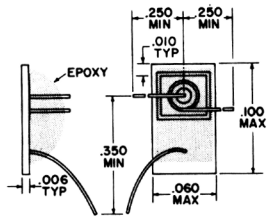


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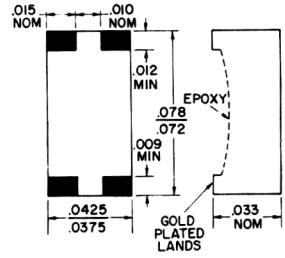


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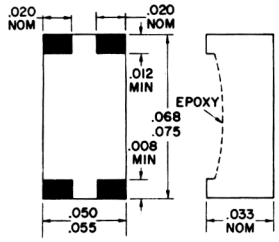


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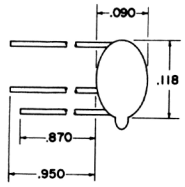


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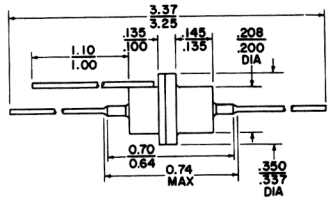


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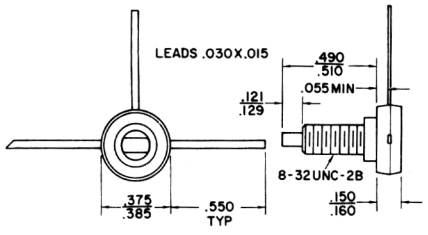


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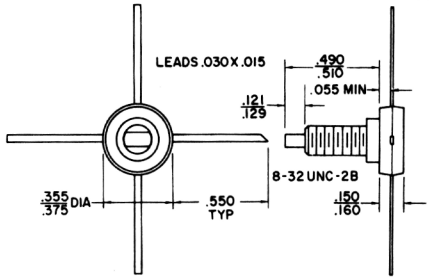


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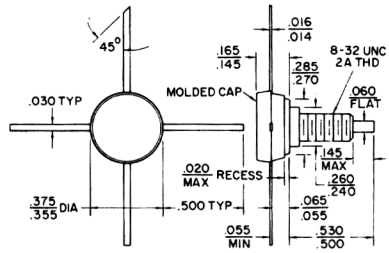


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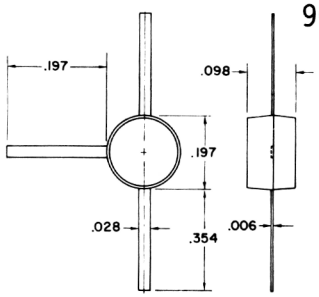


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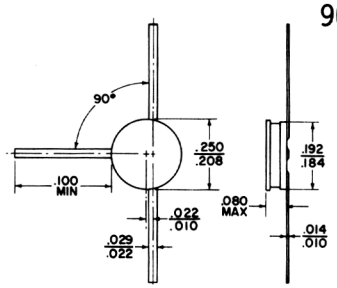


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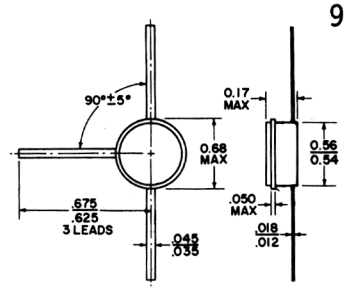

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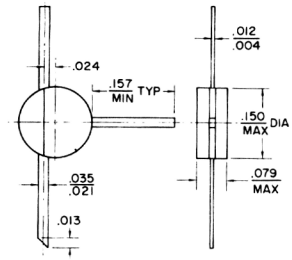


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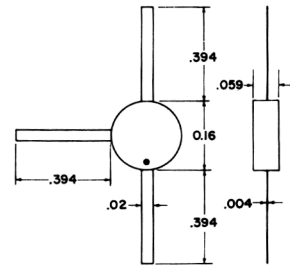


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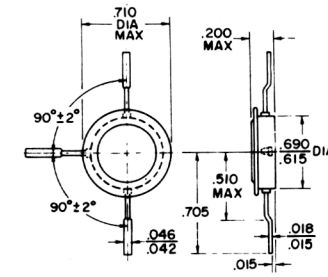


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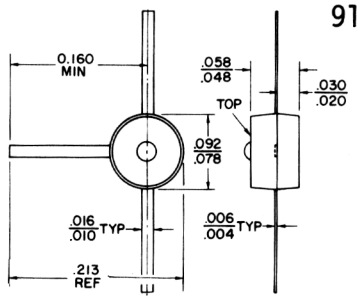


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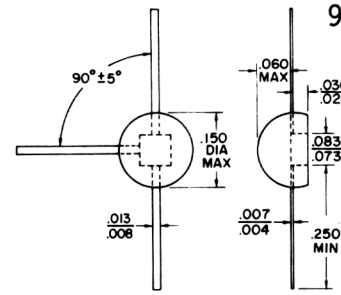


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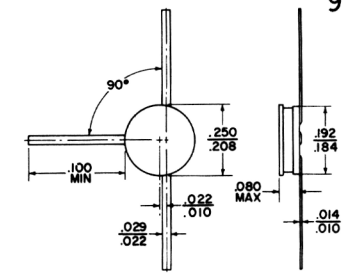


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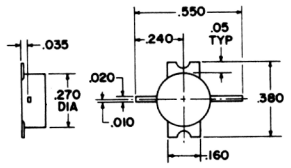


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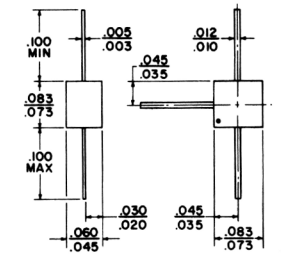


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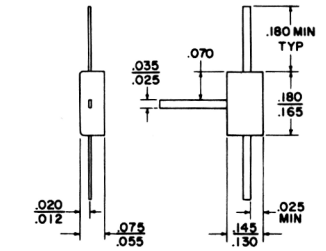


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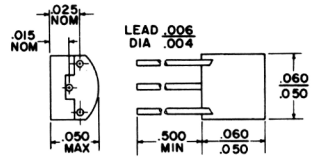


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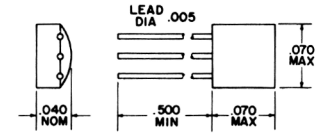


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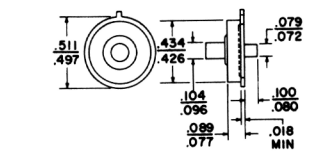


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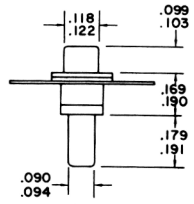


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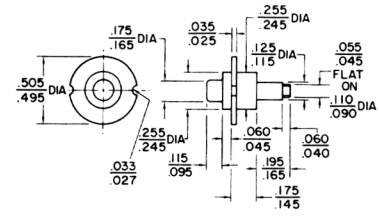


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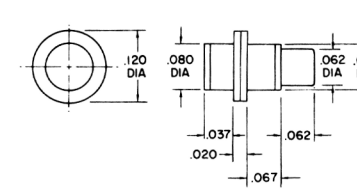


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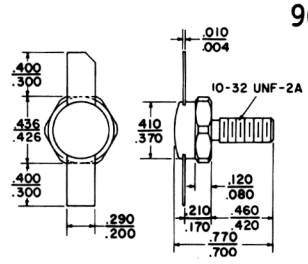


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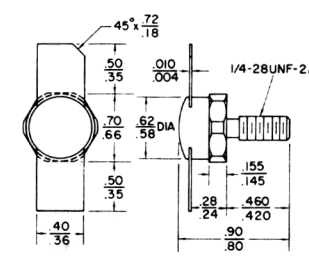


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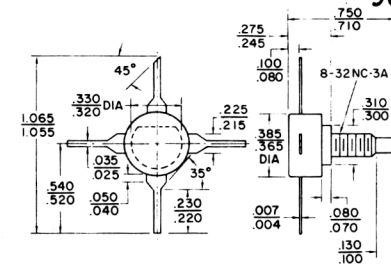

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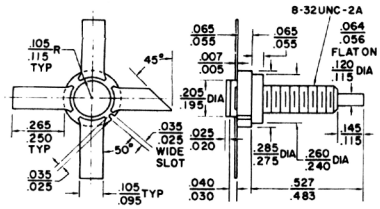


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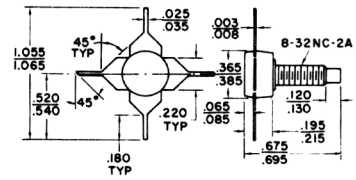


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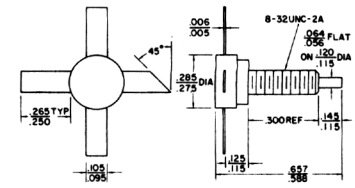


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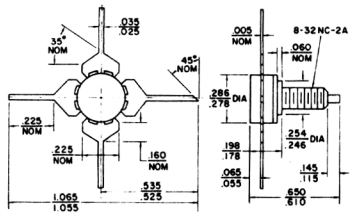


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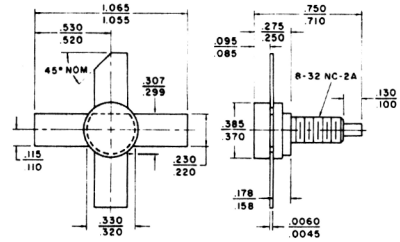


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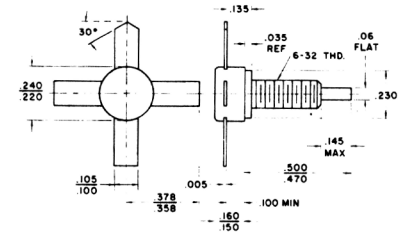


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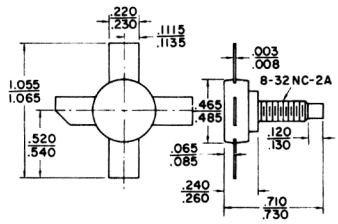


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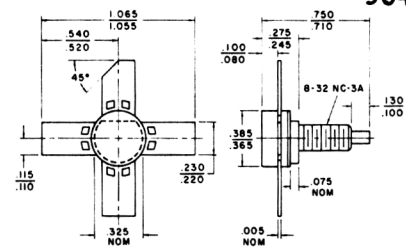


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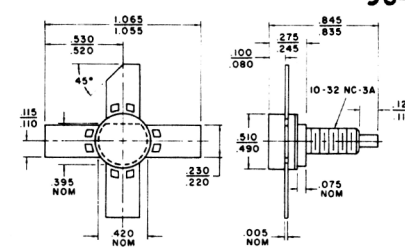


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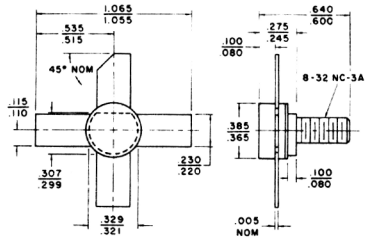


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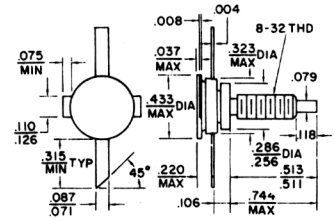


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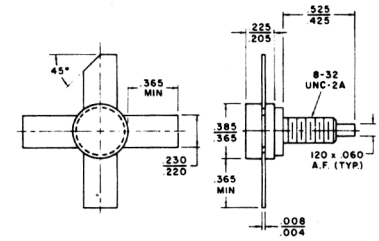


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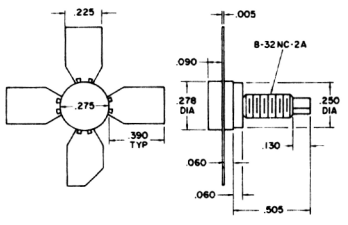


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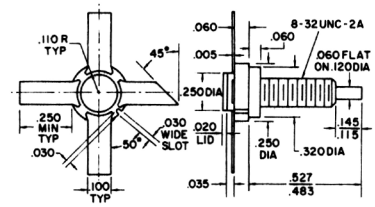


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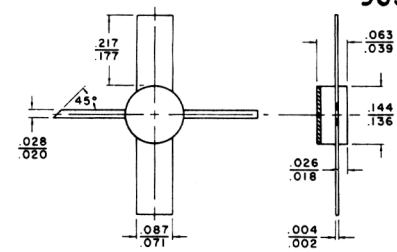


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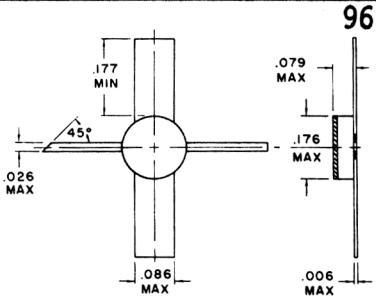


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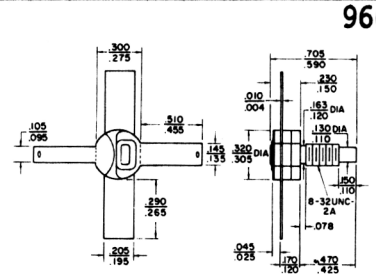


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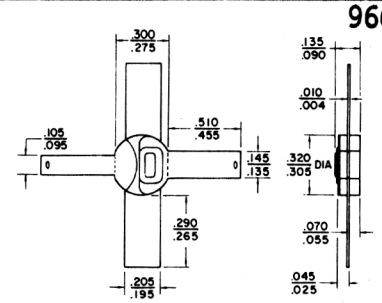

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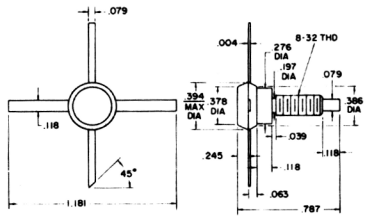


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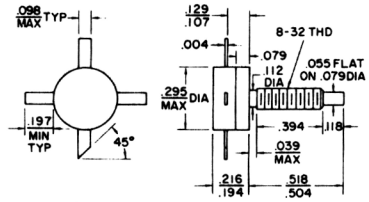


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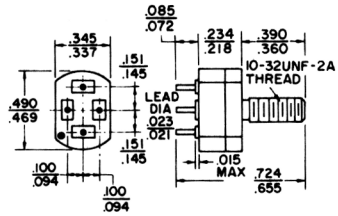


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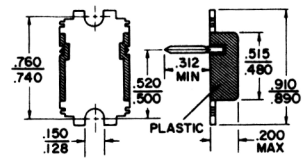


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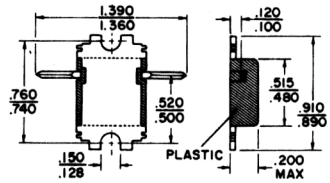


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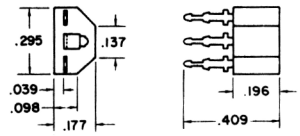


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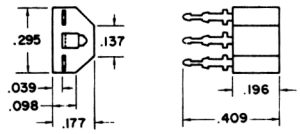


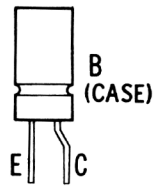
# Lead and Terminal Identification

Identification of the leads or terminals of a semiconductor device is necessary before it can be connected into a circuit. A quick review of this section will show that it is nearly impossible to memorize which lead is the emitter, base, or collector.

Every transistor in this manual has a Lead Ident. number that corresponds to one of the diagrams in this section. These diagrams show the physical arrangement of the leads and terminals and identify each one as emitter "E", base "B", collector "C", or CASE. When the terminal is connected to both semiconductor and case, the designation shows both connections. For example, B(CASE) indicates that the base and the case are connected together. This is often ignored (but should not be) when a transistor is considered for inclusion in a circuit. Any one of the three terminals (E, B, or C) can be connected to the case; if the wrong terminal is so connected in some circuits, the frequency response can be affected. Also, this may place the case at the wrong potential, and an accidental short may destroy the transistor.

It is essential to check the terminals of the transistor carefully, and to be sure they are identified correctly, before the transistor is connected in the circuit.

1

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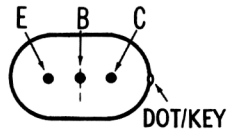


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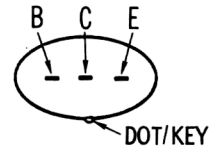


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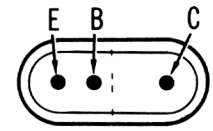


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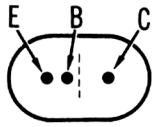


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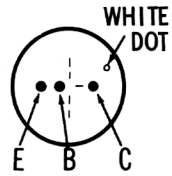


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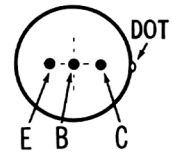


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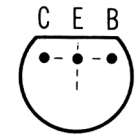


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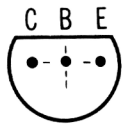


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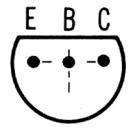


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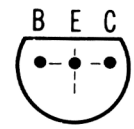


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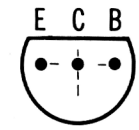


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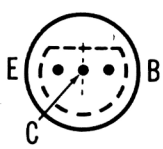


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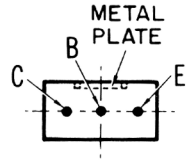


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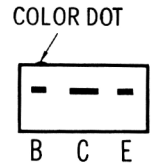


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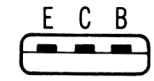

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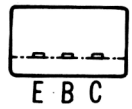


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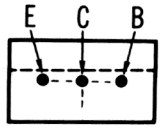


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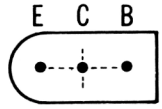


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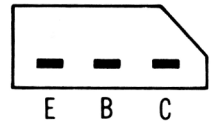


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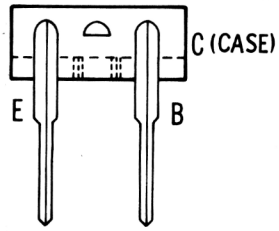


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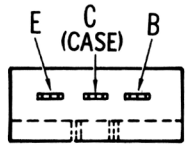


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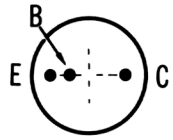


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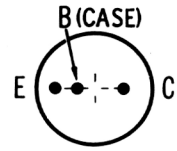


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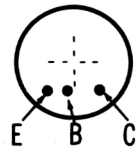


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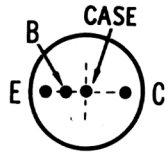


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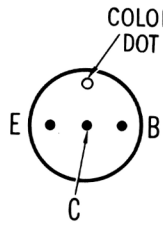


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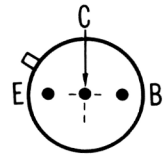


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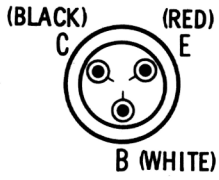


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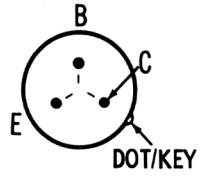


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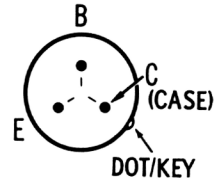


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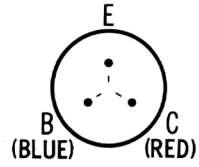


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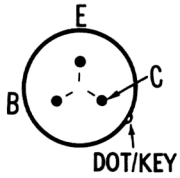


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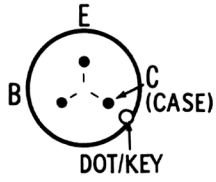


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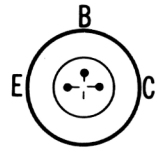


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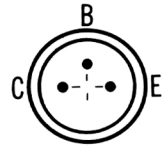


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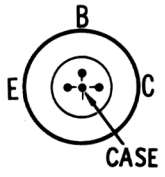


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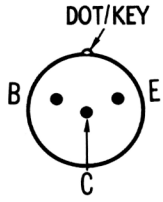


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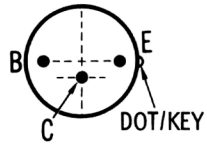


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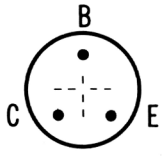

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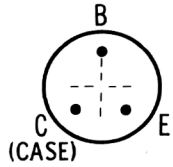


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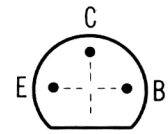


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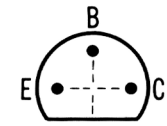


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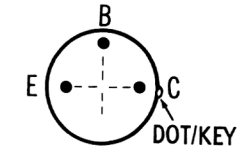


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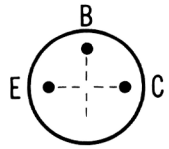


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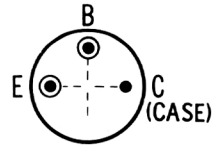


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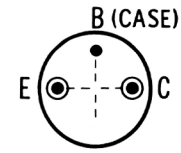


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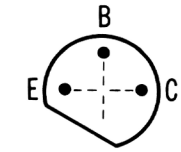


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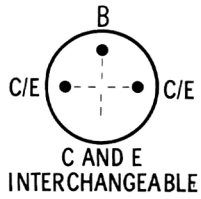


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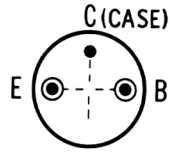


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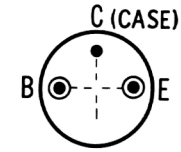


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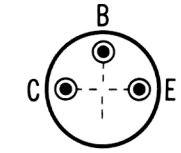


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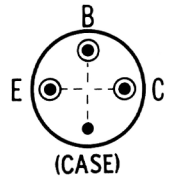


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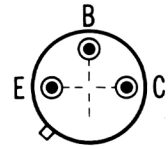


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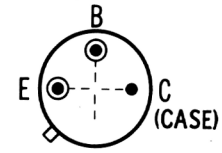


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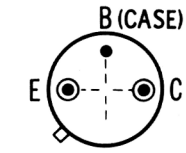


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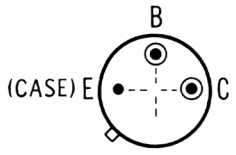


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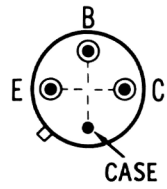


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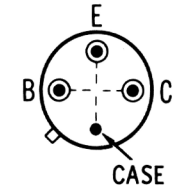


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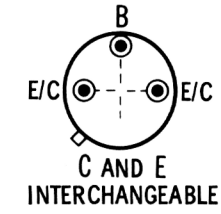


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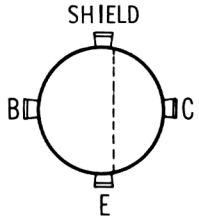


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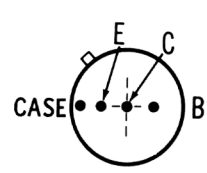


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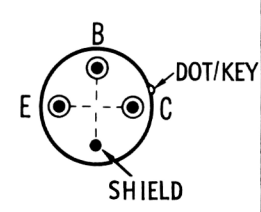


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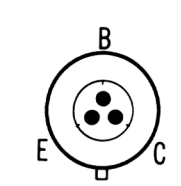

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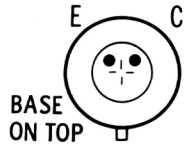


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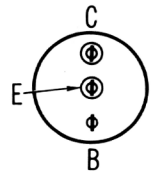


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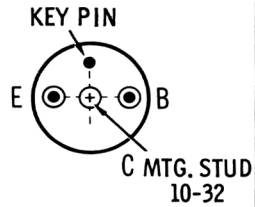


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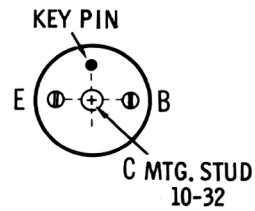


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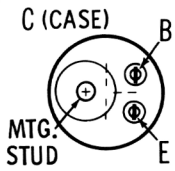


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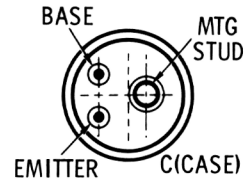


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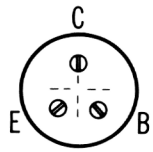


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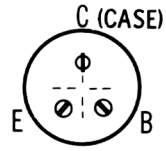


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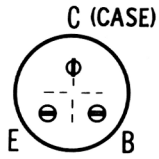


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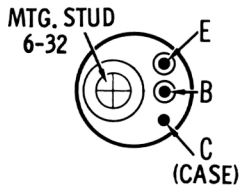


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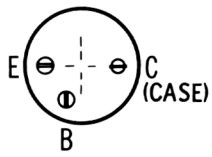


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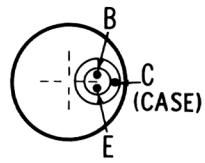


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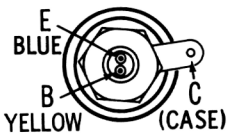


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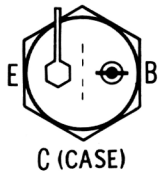


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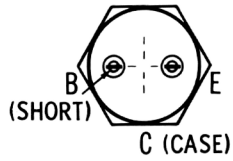


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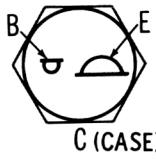


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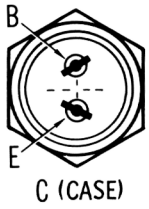


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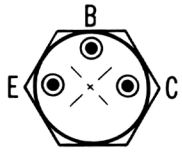


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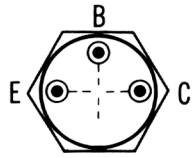


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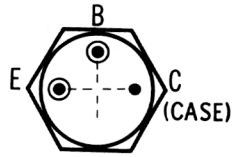


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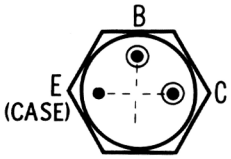


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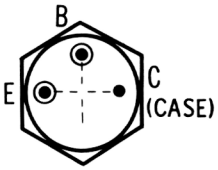


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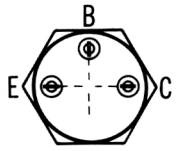


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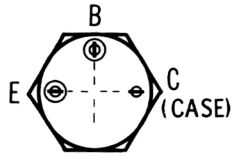

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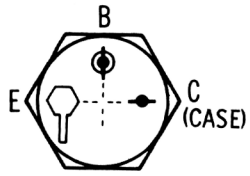


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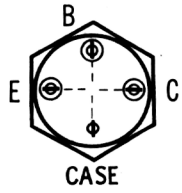


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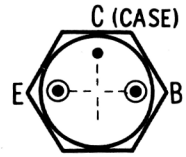


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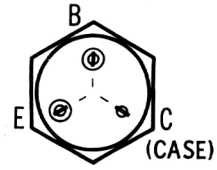


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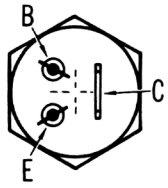


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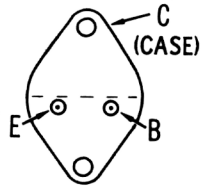


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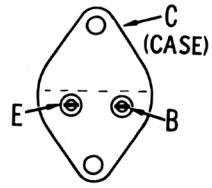


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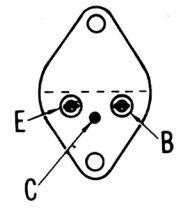


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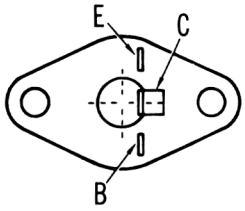


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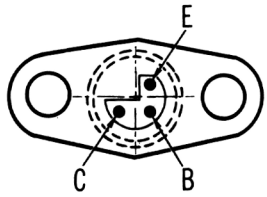


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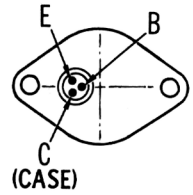


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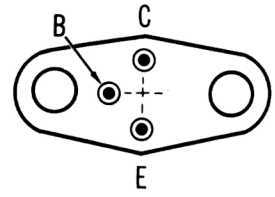


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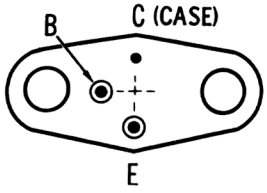


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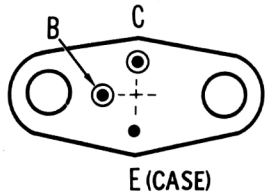


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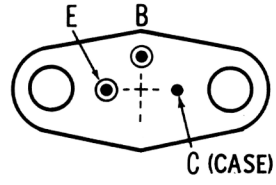


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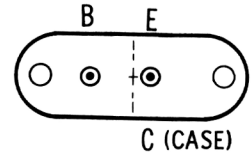


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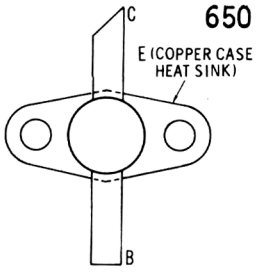


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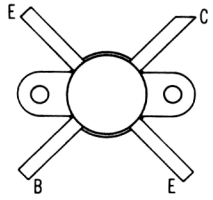


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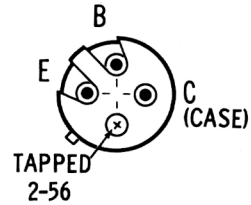


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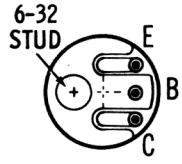


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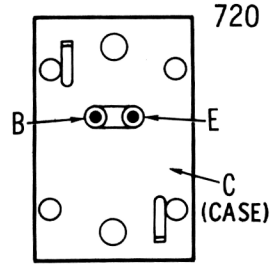


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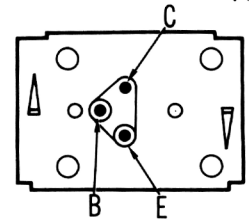

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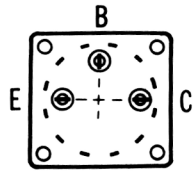


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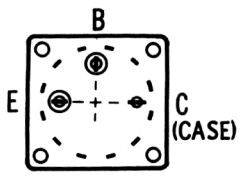


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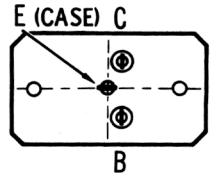


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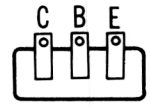


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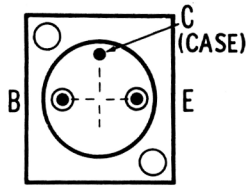


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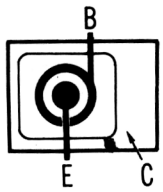


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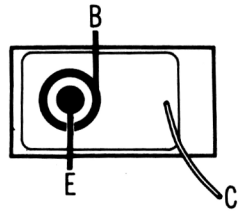


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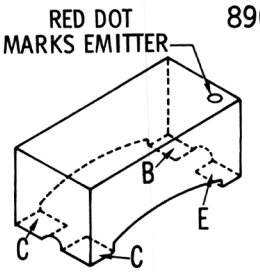


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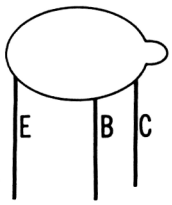


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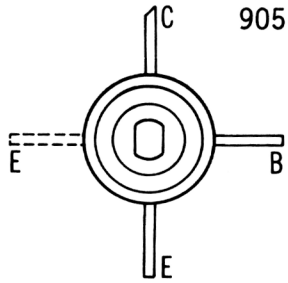


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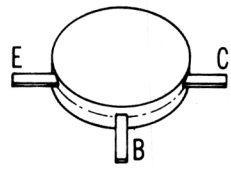


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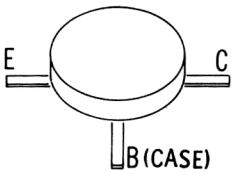


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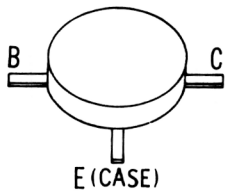


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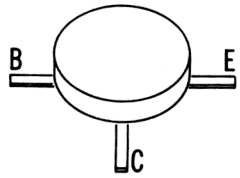


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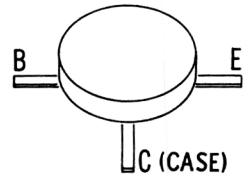


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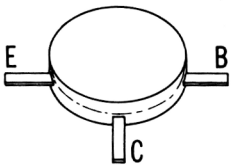


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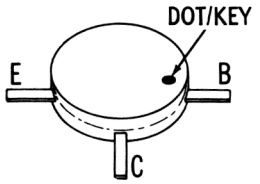


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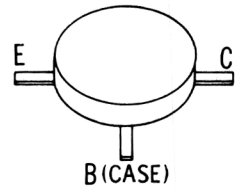


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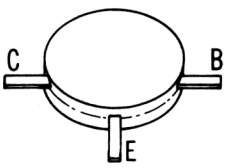


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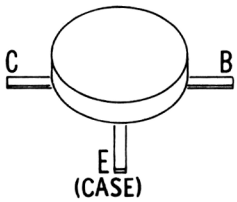


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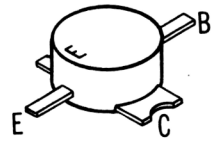


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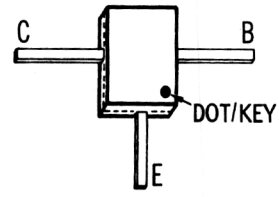

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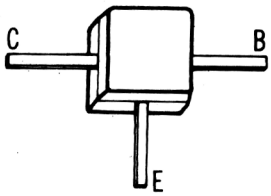


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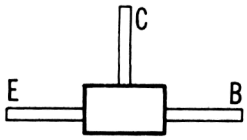


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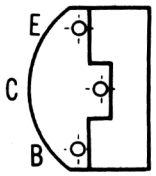


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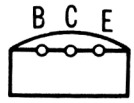


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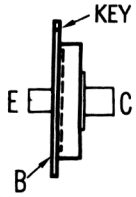


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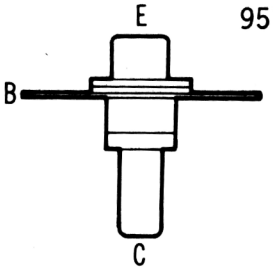


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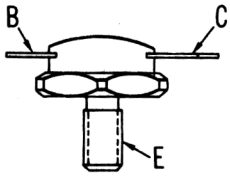


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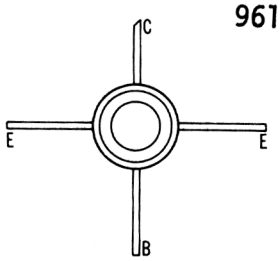


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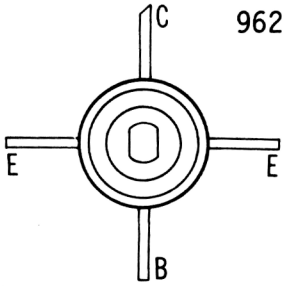


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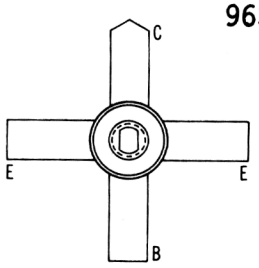


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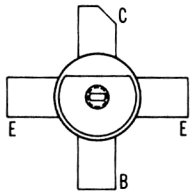


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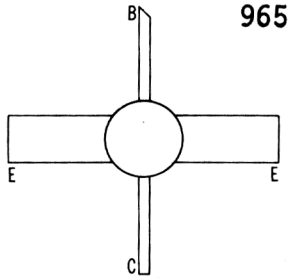


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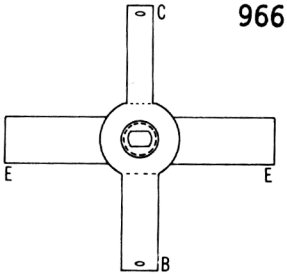


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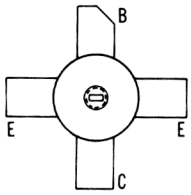


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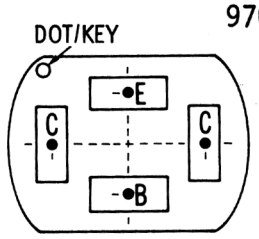


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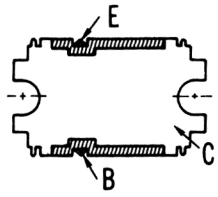


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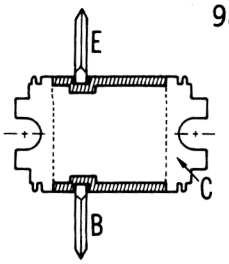


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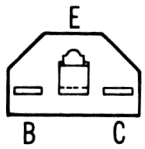


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