OICOM

SERVICE MANUAL

28/50MHz ALL MODE TRANSCEIVER

IC-575A IC-575H

Icom Inc.

INTRODUCTION

This service manual describes the latest service information for the IC-575A/H 28/50 MHz ALL MODE TRANSCEIVER at the time of going to press.

Six versions of the IC-575A/H have been designed. This service manual covers the following versions.

MODEL	VERSION	OUTPUT POWER (FM)	VERSION NUMBER
	U.S.A.	1~ 10 W	#04A
IC-575A	Australia	1~ 10 W	#06A
	U.K.	1~ 10 W	#08A
	U.S.A.	10∼100 W	#02H
IC-575H	Australia	10~100 W	#03H
	U.K.	5∼ 50 W	#04H

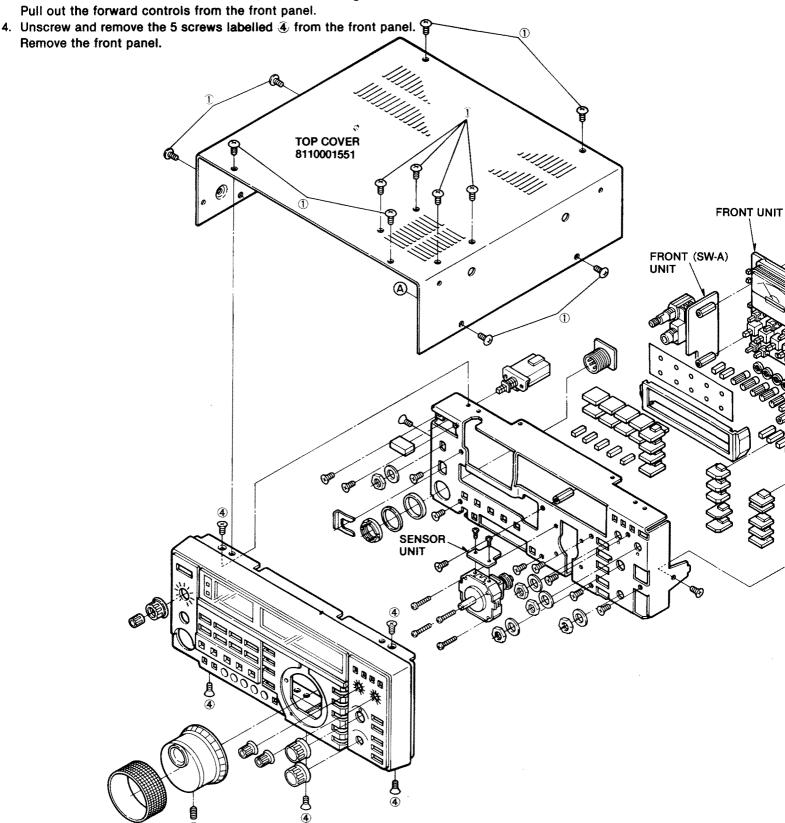
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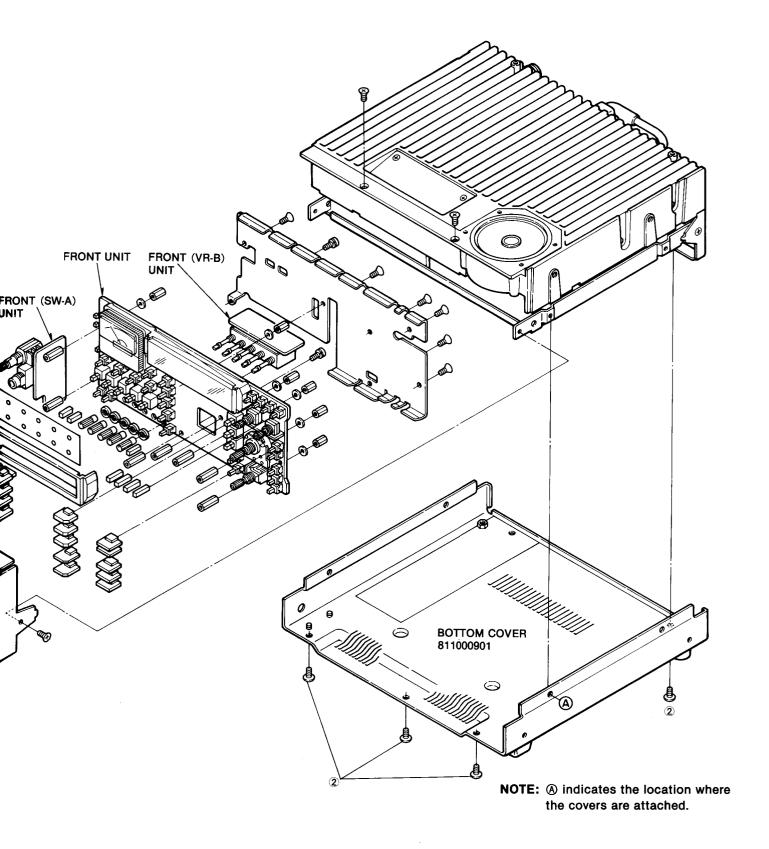
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SECTION 1 MECHANICAL PARTS AND DISASSEMBLY

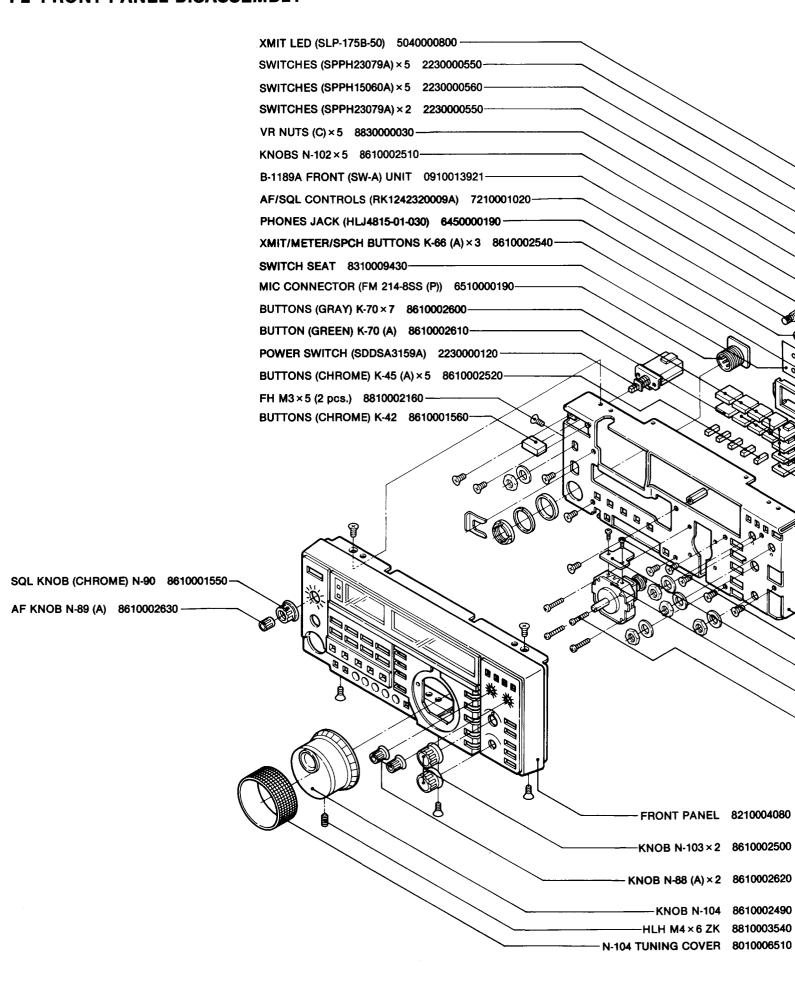
1-1 FRAME DISASSEMBLY

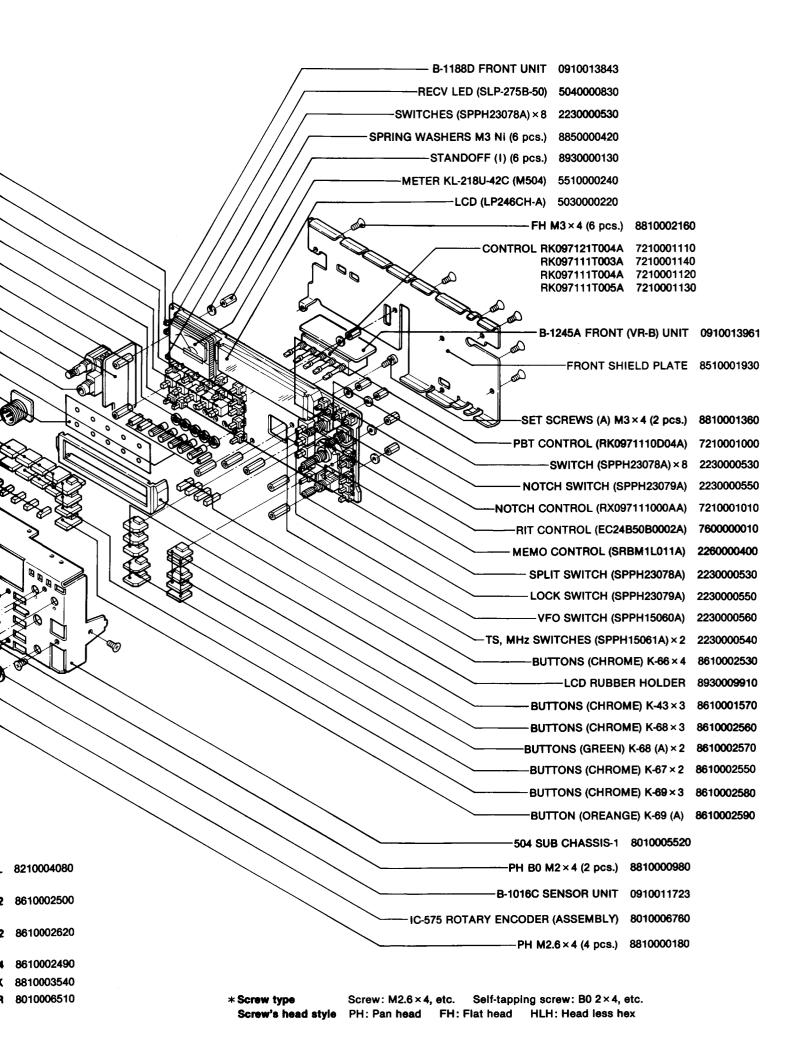
- 1. Unscrew and remove the 12 screws labelled ① from the top cover. Remove the top cover.
- 2. Unscrew and remove the 5 screws labelled ② from the bottom cover. Remove the bottom cover.
- 3. Remove the hex socket screw labelled ③ from the tuning control.

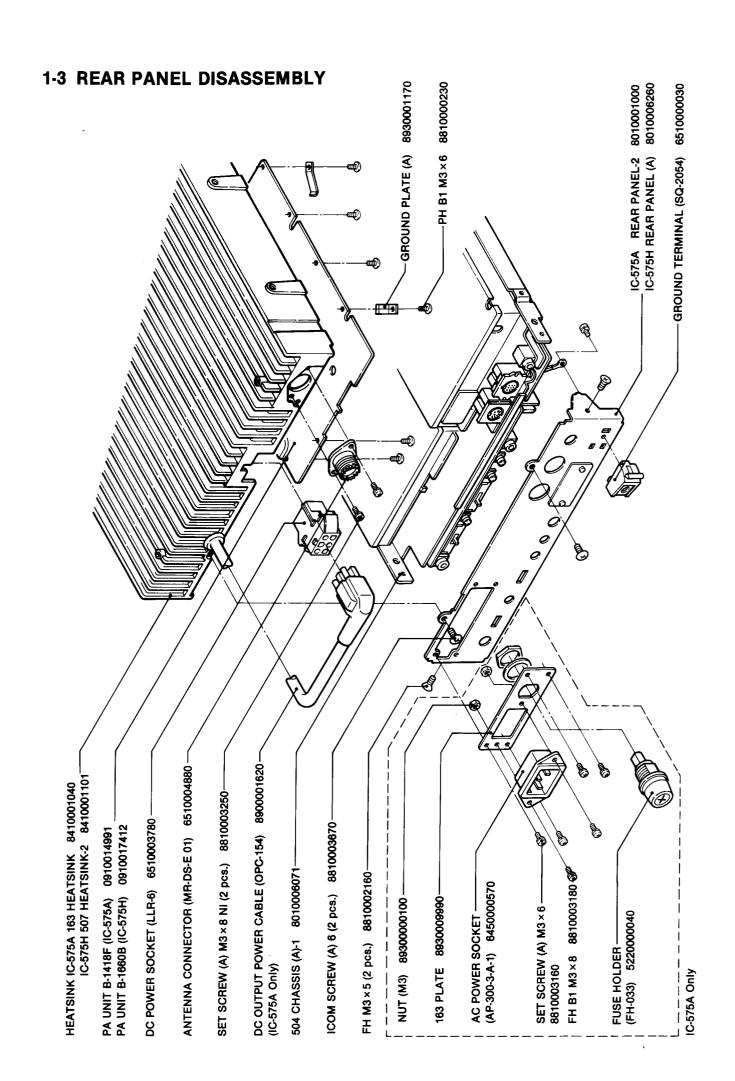




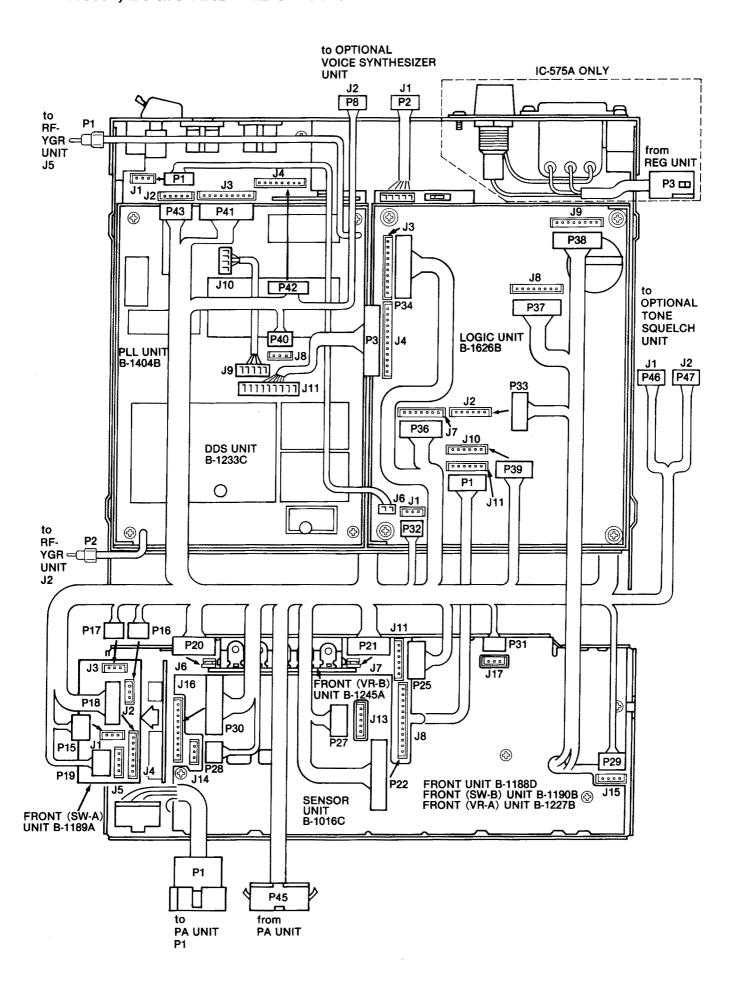
1.2 FRONT PANEL DISASSEMBLY



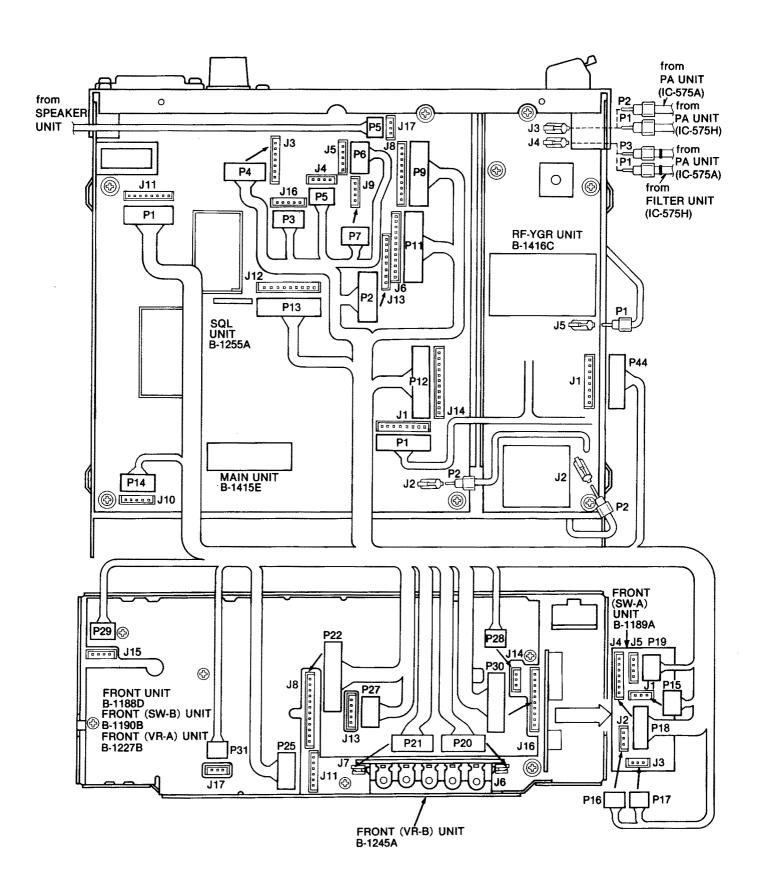




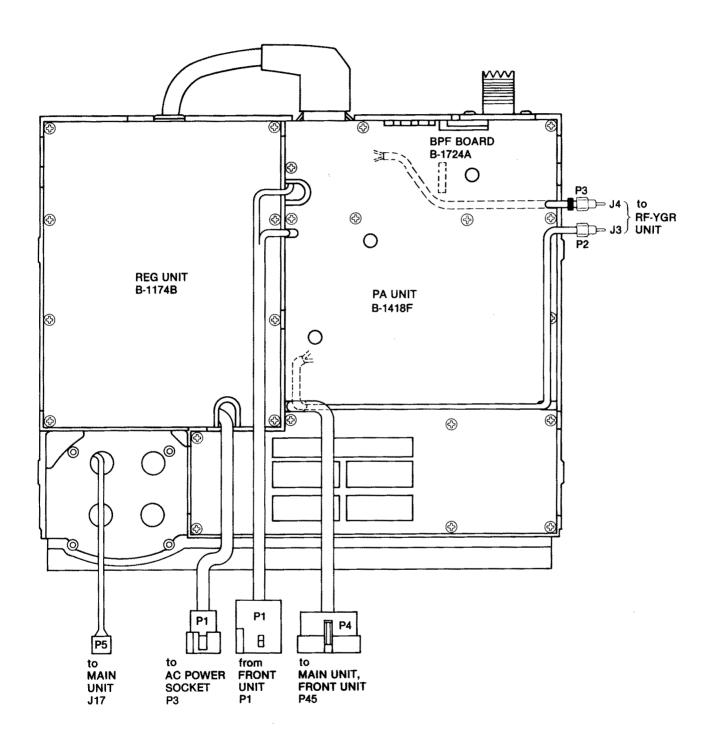
1-4 FRONT, LOGIC AND PLL UNITS CONNECTOR ASSEMBLY



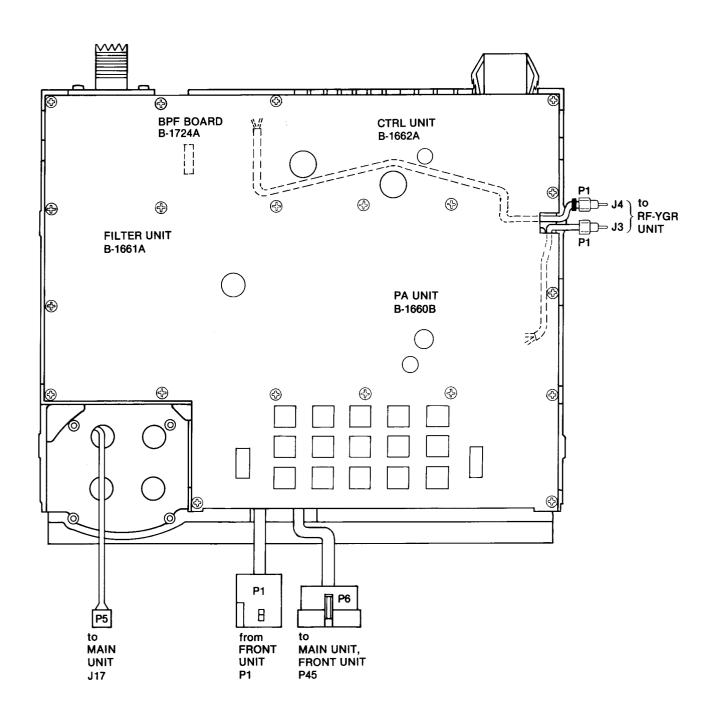
1-5 FRONT, MAIN AND RF-YGR UNITS CONNECTOR ASSEMBLY



1-6 PA AND REG UNITS CONNECTOR ASSEMBLY (IC-575A)



1-7 PA, CTRL AND FILTER UNITS CONNECTOR ASSEMBLY (IC-575H)



SECTION 2 MAINTENANCE AND ADJUSTMENT

2-1 PREPARATION BEFORE SERVICING

- 1. Make sure a problem is internal before disassembling the transceiver.
- 2. **DO NOT** open the transceiver until the transceiver is disconnected from a power source.
- 3. **USE** an external AC power supply to a transceiver power source during testing.
- 4. **DO NOT** force any of the variable components. Turn them slowly and smoothly.
- DO NOT short any circuits or electronic parts.
 An insulated tuning tool MUST be used for all adjustments.
- 6. **DO NOT** keep power ON for a long time when the transceiver is defective.
- 7. **DO NOT** transmit power into a signal generator or a sweep generator.

- ALWAYS connect a 30 dB~40 dB attenuator between the transceiver and a deviation meter or spectrum analyzer when using such test equipment.
- READ the instructions of test equipment thoroughly before connecting equipment to the transceiver.
- DO NOT turn ON the bias switch of antenna switching switches on the rear panel when a signal generator is connected to the antenna connector.
- 11. There are different versions of this transceiver.

 Adjustment procedures and results may differ for each version. Be sure to follow the correct procedure for the transceiver you adjust.

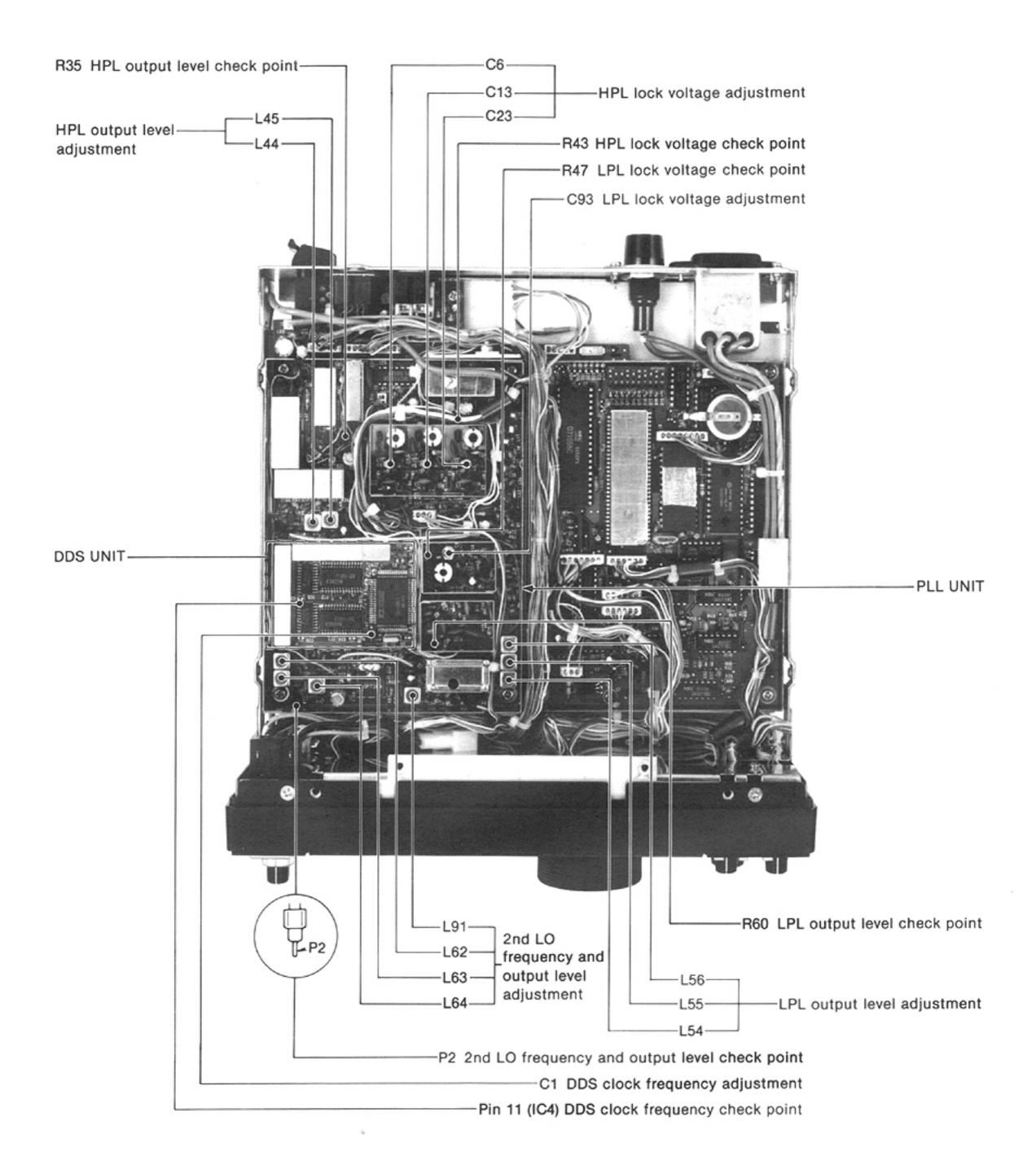
2-2 REQUIRED TEST EQUIPMENTS

EQUIPMENT	GRADE AND RANGE		EQUIPMENT	GRADE AND RANGE		
AC power supply	Output voltage Current capacity	: 13.8 V DC	DC voltmeter	Input impedance	50 kΩ/DC or better	
	(IC-575A) (IC-575H)	: 10 A or more : 25 A or more	AC milli-voltmeter	Measuring range :	: 10 mV∼10 V	
RF power meter	Measuring range		External speaker	Impedance :	8Ω	
(terminated type)	(IC-575A)	: 1~20 W	Ohm meter	Measuring range	0.1~100 kΩ	
	(IC-575H) : 10~150 W Frequency range : 25~60 MHz Impedance : 50 Ω SWR : Less than 1.2 : 1		Ammeter		lity 500 mA 1 A	
Frequency counter	Frequency range Frequency accuracy	: 0.1~100 MHz : ±1 ppm or better	Audio generator	, ,	50~2000 Hz 0~500 mV	
	Sensitivity	: 100 mV or better	FM deviation meter	Frequency minimum:	60 MHz	
RF voltmeter		: 0.1~100 MHz		Measuring range :	0∼±5 kHz	
	Measuring range	: 0.01~10 V	Attenuator	Power attenuation :		
Oscilloscope		: DC~20 MHz : 0.01~10 V		Capacity (IC-575A) : (IC-575H) :	20 W or more 150 W or more	
Standard signal generator (SSG)	, , , , , , , , , , , , , , , , , , , ,	: 0.1~100 MHz : -127~-17 dBm (0.1µV~32 mV)	Spectrum analyzer	Frequency minimum: Spectrum bandwidth:		

2-3 PLL ADJUSTMENT

ADJUSTME	ENT	AD HISTMENT CONDITIONS		MEASUREMENT	VALUE		ISTMENT OINT
ADJUSTME	27 4 i	ADJUSTMENT CONDITIONS	UNIT	LOCATION	VALUE	UNIT	ADJUST
DDS CLOCK FREQUENCY	+	Operating frequency: 52.0000 MHz Receiving	DDS	Connect the frequency counter to IC4, pin 11.	5.24288 MHz	DDS	C1
2ND LO FREQUENCY AND OUTPUT LEVEL	1	Operating frequency: 52.0000 MHz Receiving	PLL	Connect the frequency counter to P2.	61.4400 MHz	PLL	L91
	2			Terminate P2 to ground with a 50 Ω resistor. Connect the RF voltmeter to P2.	Adjust for maximum output. (-12~-7 dBm)		L62, L63, L64
		NOTE: After completing above adj	ustment,	return P2 to its origina	al condition.		
LPL OUTPUT LEVEL	400	Operating frequency: 26.4150 MHz FM mode Receiving	PLL	Connect the oscilloscope to R60.	Adjust for maximum output. (3.5 Vp-p or more)	PLL	L54, L55, L56
		NOTE: Repeat above adjustment s	everal tim	es.	digenomenation and a second		
LPL LOCK VOLTAGE	1	Operating frequency: 26.4150 MHz FM mode	PLL	Connect the oscilloscope to R47.	2.5 V DC	PLL	C93
	2	Operating frequency: 26.9260 MHz			Approx. 4 V DC		Verify
HPL OUTPUT LEVEL	1	Operating frequency: 26.0000 MHz FM mode Receiving	PLL	Connect the oscilloscope to R35. (Q9 collector side)	Adjust for maximum output. (3 Vp-p or more)	PLL	L44, L45
		NOTE: Repeat above adjustment se	everal tim	es.			
HPL LOCK VOLTAGE	1	Operating frequency: 32.9999 MHz FM mode	PLL	Connect the oscilloscope to R43.	6.0 V DC	PLL	C6
	2	Operating frequency: 46.9999 MHz			6.0 V DC		C13
	3	Operating frequency: 56.0000 MHz			6.0 V DC		C23
Andrew Control of the	4	 Operating frequency: 26.0000 MHz, 33.0000 MHz, 47.0000 MHz 			Approx. 3 V DC on each frequency		Verify

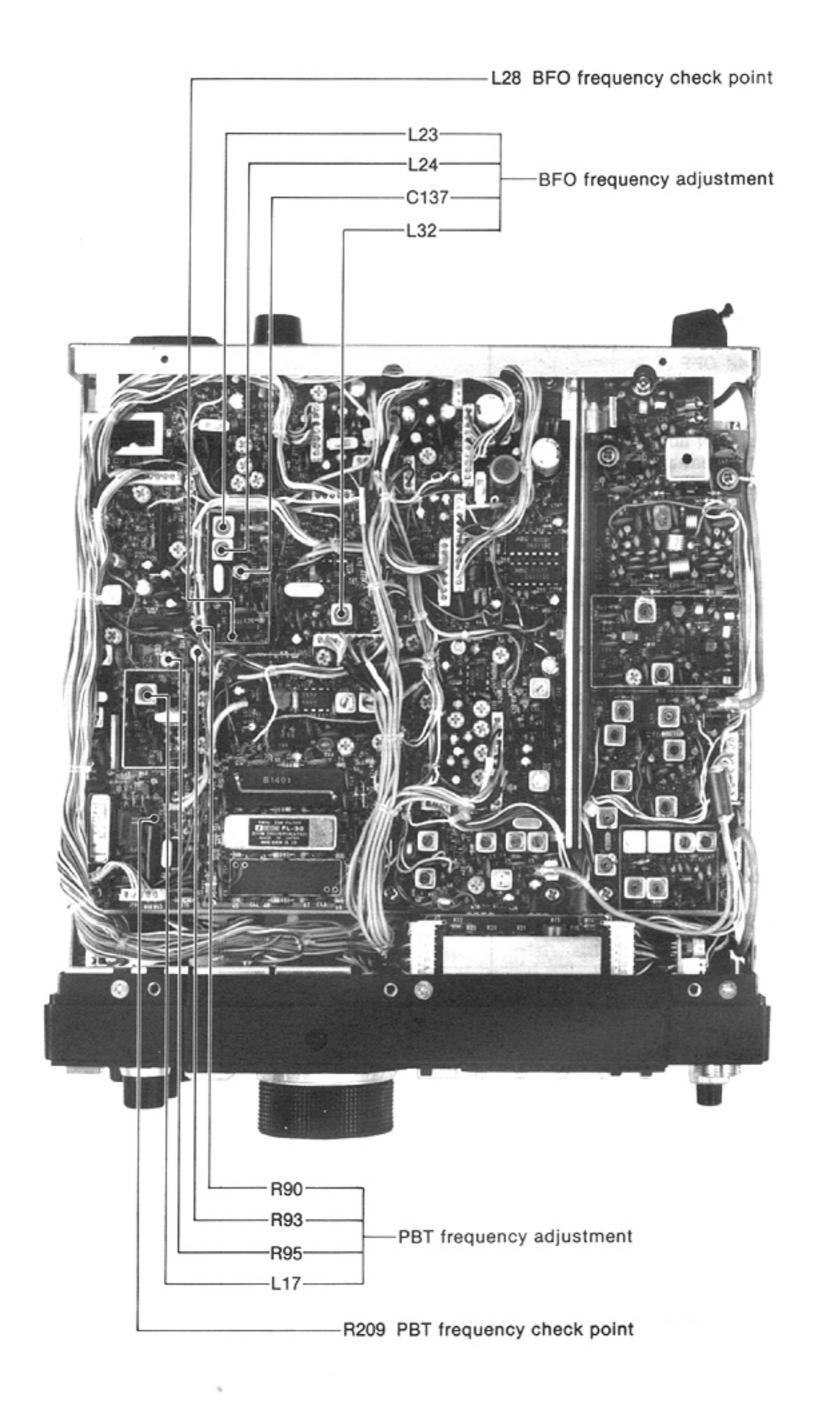
PLL AND DDS UNITS



2-4 FREQUENCY ADJUSTMENT

		AD WORKEN TO CONDITIONS	N	IEASUREMENT	- VALUE		STMENT DINT
ADJUSTME	NI	ADJUSTMENT CONDITIONS	UNIT	LOCATION	VALUE	UNIT	ADJUST
BFO FREQUENCY	1	Operating frequency: 52.0000 MHz USB mode Receiving	MAIN	Connect the frequency counter to L28.	9.01300 MHz	MAIN	C137
	2	CW mode Transmitting Connect a key to the [KEY] jack and key down.			9.01060 MHz		L24
	3	LSB mode Receiving			9.01000 MHz		L23
	4 • AM mode • Transmitting			9.01000 MHz		Verify	
	5	CW mode Receiving			9.00980 MHz (±150 Hz)		Verify
	6	FM mode Apply no signal to the mic connector. Transmitting			9.01150 MHz		L32
PBT FREQUENCY	1	AM mode [PBT] control: Max. CCW* Receiving	MAIN	Connect the frequency counter to R209.	9.46830 MHz	MAIN	L17
	2	• [PBT] control: Center			9.46500 MHz		R90
	3	USB mode [PBT] control: Center	_		9.46650 MHz		R93
	4	• FM mode • [PBT] control: Any			9.46650 MHz		R95

*CCW: Counterclockwise

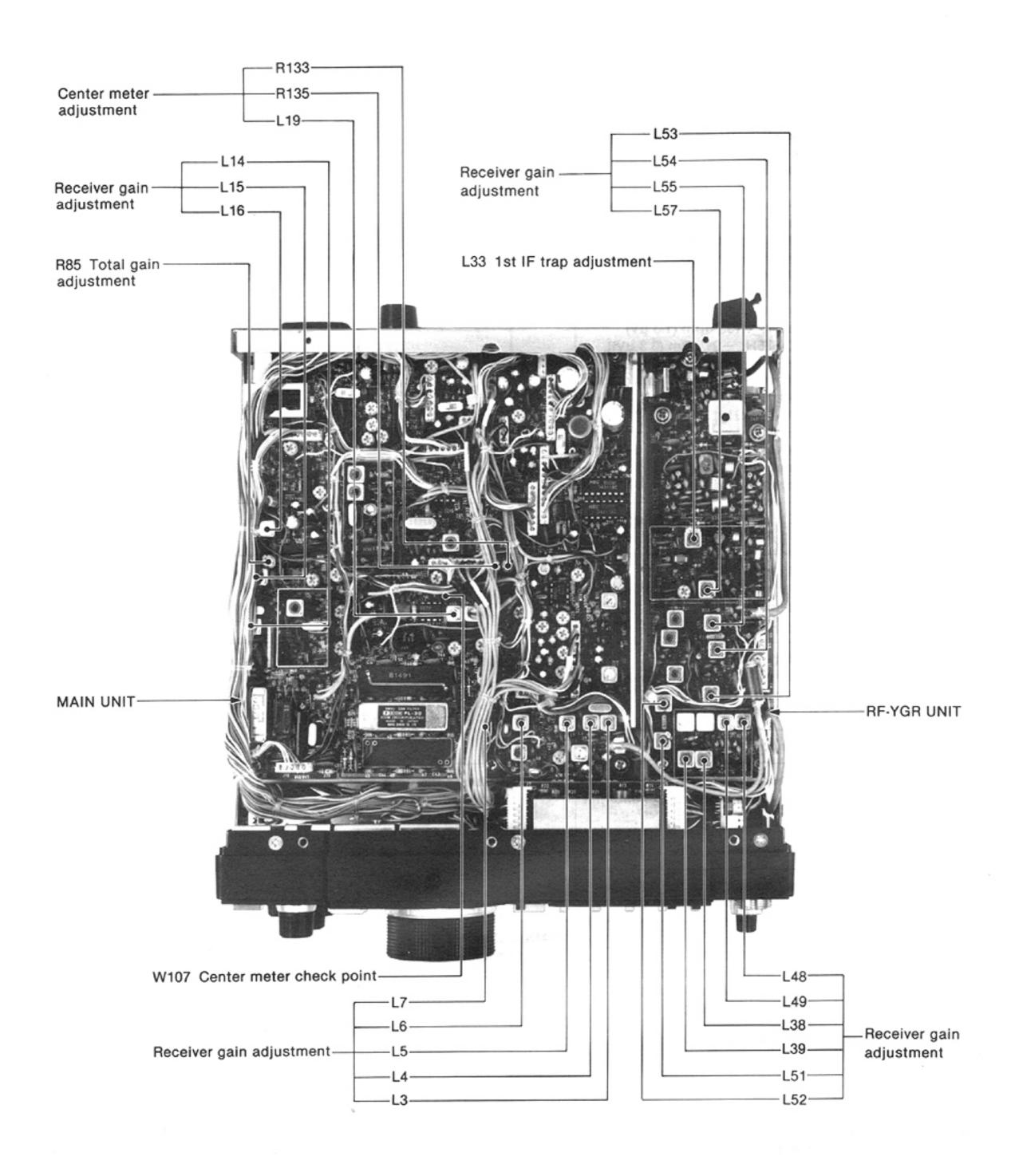


2-5 RECEIVER ADJUSTMENT

AD HISTAR	NT	AD HICTMENT CONDITIONS	N	IEASUREMENT	VALUE	N .	STMENT DINT
ADJUSTME	NI	ADJUSTMENT CONDITIONS	UNIT	LOCATION	VALUE	UNIT	ADJUST
RECEIVER GAIN	1	Operating frequency: 52.0000 MHz USB mode [RF GAIN] control: Max. CW* [PREAMP] switch: OFF [NOTCH] switch: OFF [PBT] control: Center [AF TONE] control: Center [SQL] control: Max. CCW* Apply an RF signal to the antenna connector. Level: -117 dBm (0.32 μV) Mod.: OFF Receiving	Rear panel	Connect the AC milli-voltmeter with an 8 Ω load to the [EXT SP] jack.	Max. audio output	RF-YGR MAIN	L57, L55, L54, L53, L52, L51, L38, L39, L49, L48 L3, L4, L5, L6, L7, L14, L15, L16
		repeat above adjustment sev			<u> </u>	+	
1ST IF TRAP	1	USB mode Apply an RF signal to the antenna connector. Freq.: 70.4515 MHz	Front panel	S-meter	S9+10 dB (IC-575H: S9)		ied RF al level
	2	Mod.: OFF			Minimum (S-scale)	RF-YGR	L33
TOTAL GAIN	1	USB mode Apply an RF signal to the antenna connector. Level: -127 dBm (0.1 μV) Mod.: OFF	Rear panel	Connect the AC milli-voltmeter with an 8 Ω load to the [EXT SP] jack.	Max. audio output	Front panel	Tuning control
	2	 Apply an RF signal to the antenna connector. Level: -73 dBm (50 μV) Mod.: OFF Apply no signal to the antenna 			20 dB S/N ratio	MAIN	R85
CENTER METER	1	• FM mode • Apply an RF signal to the antenna connector. Level: -77 dBm (32 μV) Mod.: OFF	MAIN	Connect the DC voltmeter to W107.	3 V (IC-575H: 2.8 V)	MAIN	L19
	2	 Apply an RF signal to the antenna connector. Level: -97 dBm (3.2 μV) Dev.: ±3.5 kHz Mod.: 1 kHz Meter switch: C • ALC Adjust the applied signal frequency (approx. +4 kHz from the center freq.) to max. indication on the right side of the meter. 	Front panel	Meter	80 % of full scale s 1 3 5 7 9 +20d8 +50d8 C 1 5 1 1 1 2 3 3 2 3 2 5 8 1		R135
	3	Apply no signal to the antenna connector. NOTE: Repeat above adjustment 1 to 1.	through 3	several times. Verif	Center fy that the meter		R133

*CW: Clockwise *CCW: Counterclockwise

MAIN AND RF-YGR UNITS

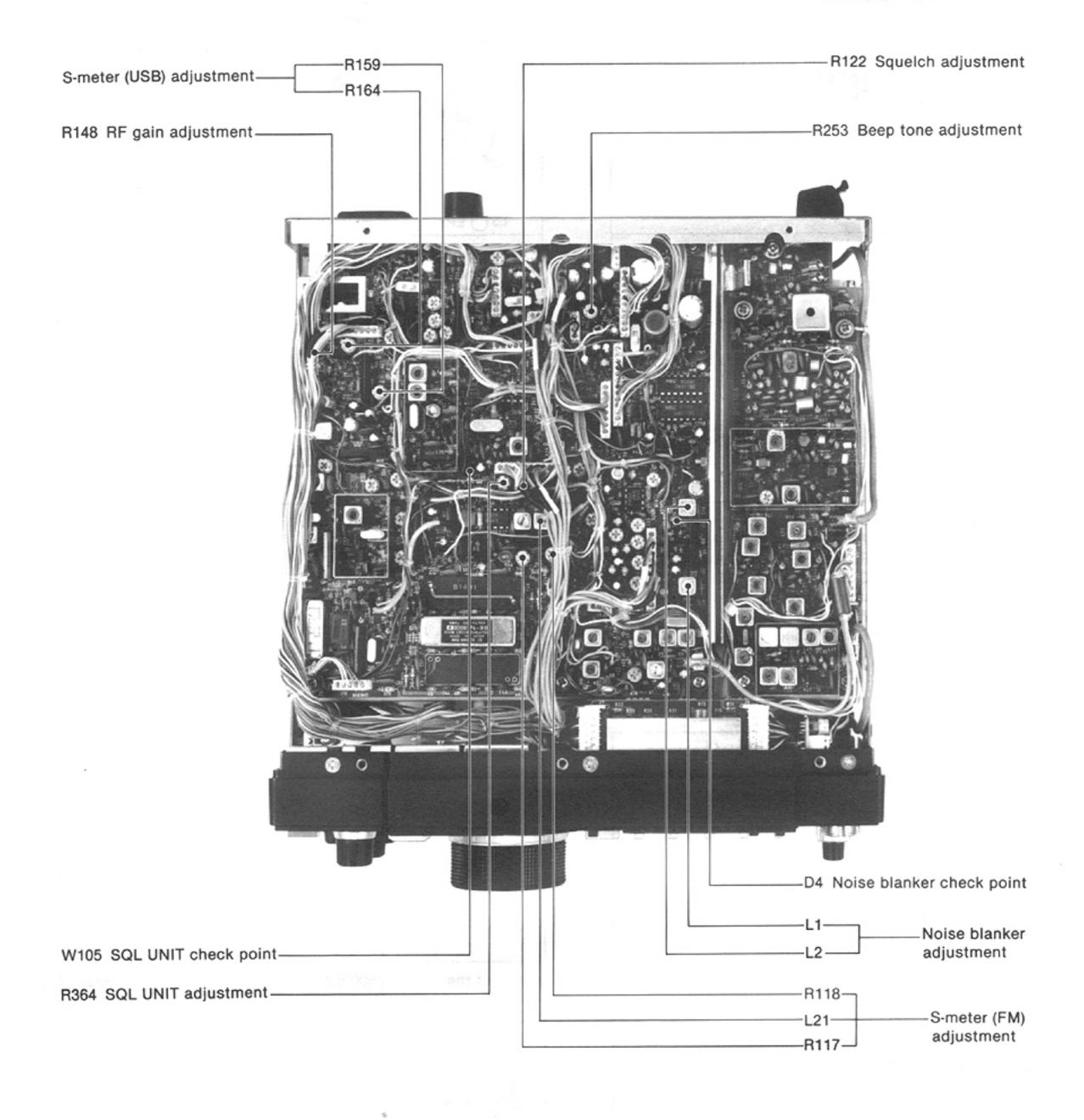


RECEIVER ADJUSTMENT (CONTINUED)

AD IIICTM	CNIT	AD HISTMENT CONDITIONS	٨	MEASUREMENT	VALUE		STMENT DINT
ADJUSTMI	ENI	ADJUSTMENT CONDITIONS	UNIT	LOCATION	VALUE	UNIT	ADJUST
S-METER	1	USB mode Apply an RF signal to the antenna connector. Level: -107 dBm (1 μV) Mod.: OFF Meter switch: S • RF	Front panel	Meter	S1 (S-scale)	MAIN	R159
	2	Apply an RF signal to the antenna connector. Level: -37 dBm (3.2 mV)			S9+50 dB (S-scale)		R164
	3	• FM mode • Apply an RF signal to the antenna connector. Level: -105 dBm (1.3 μV) [IC-575H: -91 dBm (6.3 μV)]		,	Maximum (S-scale)		L21
	4	Apply an RF signal to the antenna connector. Level: -91 dBm (6.3 μV)			S9 (S-scale)		R117
	5	Apply an RF signal to the antenna connector. Level: -67 dBm (0.1 mV)			Full scale		R118
		NOTE: Verify that the meter balance FM modes.	e on ban	d edges is within ±3	dB in both USB and	Water State Control of the Control o	
RF GAIN	1	USB mode Apply no signal to the antenna connector. [RF GAIN] control: Max. CCW*	Front panel	Meter	Full scale	MAIN	R148
SQUELCH	1	USB mode Apply no signal to the antenna connector. R122 (MAIN): Max. CCW*	Top panel	Speaker	Squelch threshold point	Front panel	[SQL] control
	2	◆ FM mode				MAIN	R122
SQL UNIT	1	• FM mode • Apply an RF signal to the antenna connector. Level: -125 dBm (0.13 μV) Mod.: OFF	MAIN	Connect the ohm meter between W105 and ground.	0 Ω	MAIN	R364
	2	Apply no signal to the antenna connector.			∞		Verify
NOISE BLANKER	1	USB mode INB switch: OFF Apply an RF signal including the following pulse noise to the antenna connector.	MAIN	Connect the oscilloscope to D4 cathode.	Adjust for maximum waveform on the oscilloscope.	MAIN	L1, L2
	Company of the Compan	100 msec.					
BEEP TONE	1	Push any switch which activates the beep sound.	Top cover	Speaker	Verify that the level of the beep sound is adjustable.	MAIN	R253
		NOTE: Set R253 to center position a	ifter abo	ve verification.			

*CCW: Counterclockwise

MAIN UNIT

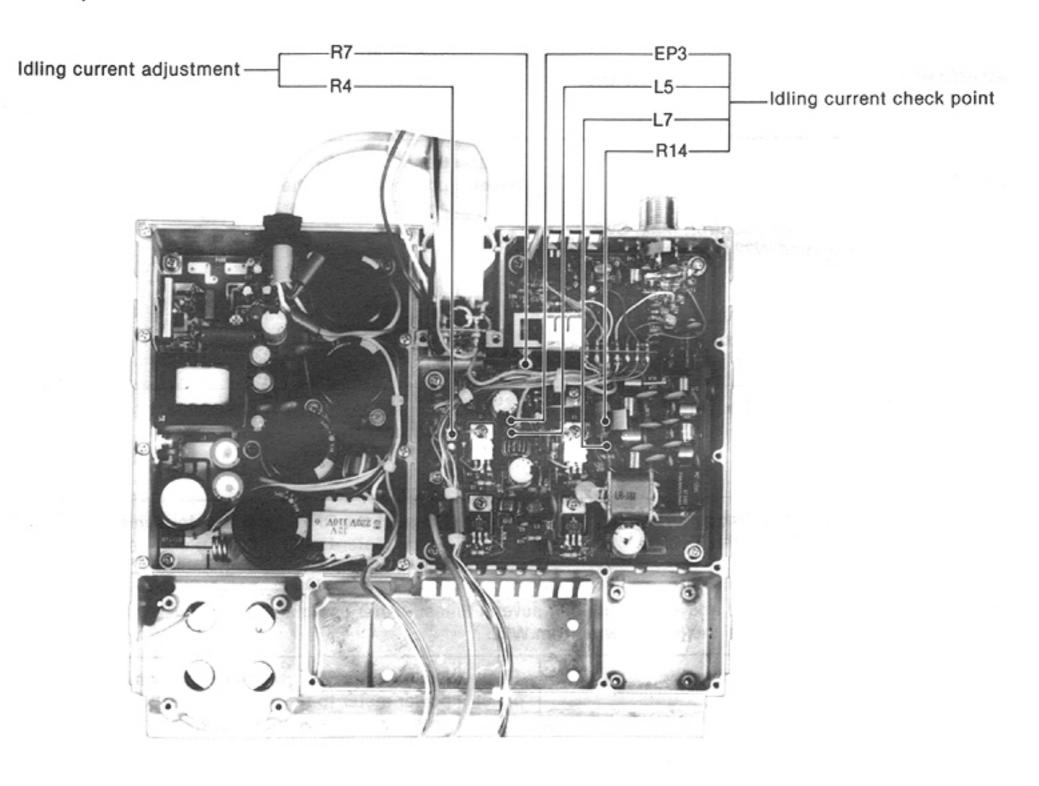


2-6 TRANSMITTER ADJUSTMENT

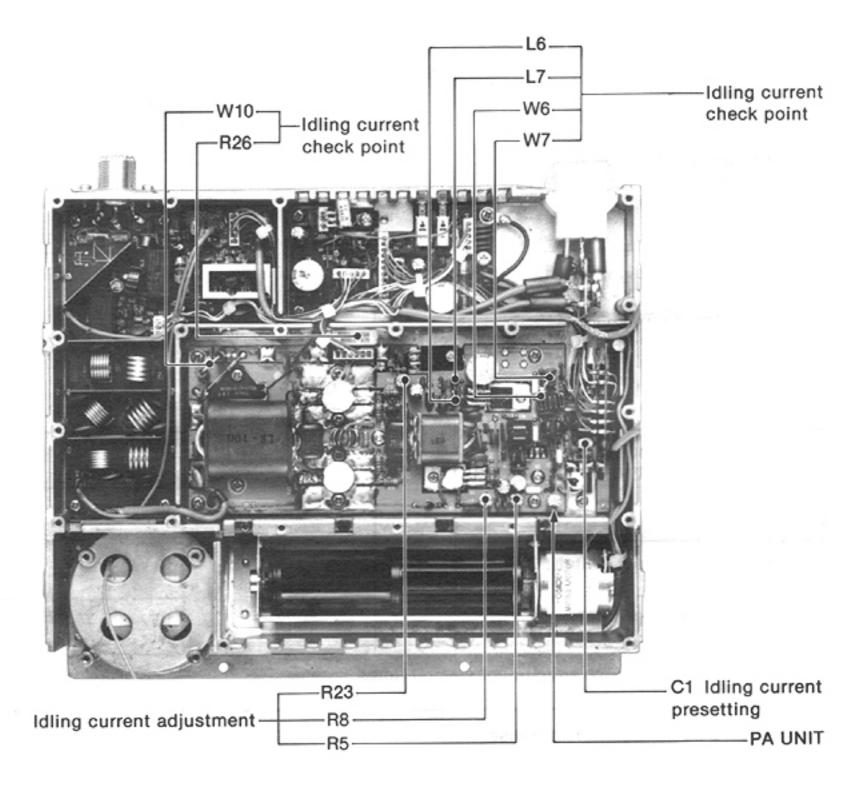
1	OUSB mode Image: Imag	UNIT PA	Connect the ammeter between L5 and EP3. L5 EP3 Connect the ammeter between L7 and R14. R14 L7	250 mA 100 mA	PA	R4
2	[MIC GAIN] control: Max. CCW* Unsolder solder joint between L5 and EP3. Transmitting Unsolder solder joint between L7 and R14. NOTE: Re-solder after making adjustice.		ammeter between L5 and EP3. ammeter ammeter EP3 Connect the ammeter between L7 and R14.		PA	
:	and R14. NOTE: Re-solder after making adjus	etment.	ammeter between L7 and R14.	100 mA		R7
1		tment.				
1	• USB mode	.,				
	[MIC GAIN] control: Max. CCW* R5, R8, R23 (PA): Max. CCW* C1 (PA): Center Unsolder solder joint between W6 and W7. Transmitting	PA	Connect the ammeter between W6 and W7.	500 mA	PA	R5
2	Unsolder solder joint between L6 and L7.		Connect the ammeter between L6 and L7.	100 mA		R8
3	Unsolder land between R26 and W10.		Connect the ammeter between R26 (W10 side) and W10.	500 mA		R23
(3	W10.		• Unsolder land between R26 and W10. Connect the ammeter between R26 (W10 side) and W10. R26 (W10 side) ammeter	• Unsolder land between R26 and W10. Connect the ammeter between R26 (W10 side) and W10. W10. R26 Unsolder	• Unsolder land between R26 and W10. Connect the ammeter between R26 (W10 side) and W10. Ammeter Detween R26 (W10 side) and W10. W10 Unsolder

*CCW: Counterclockwise

PA UNIT (IC-575A)



PA UNIT (IC-575H)

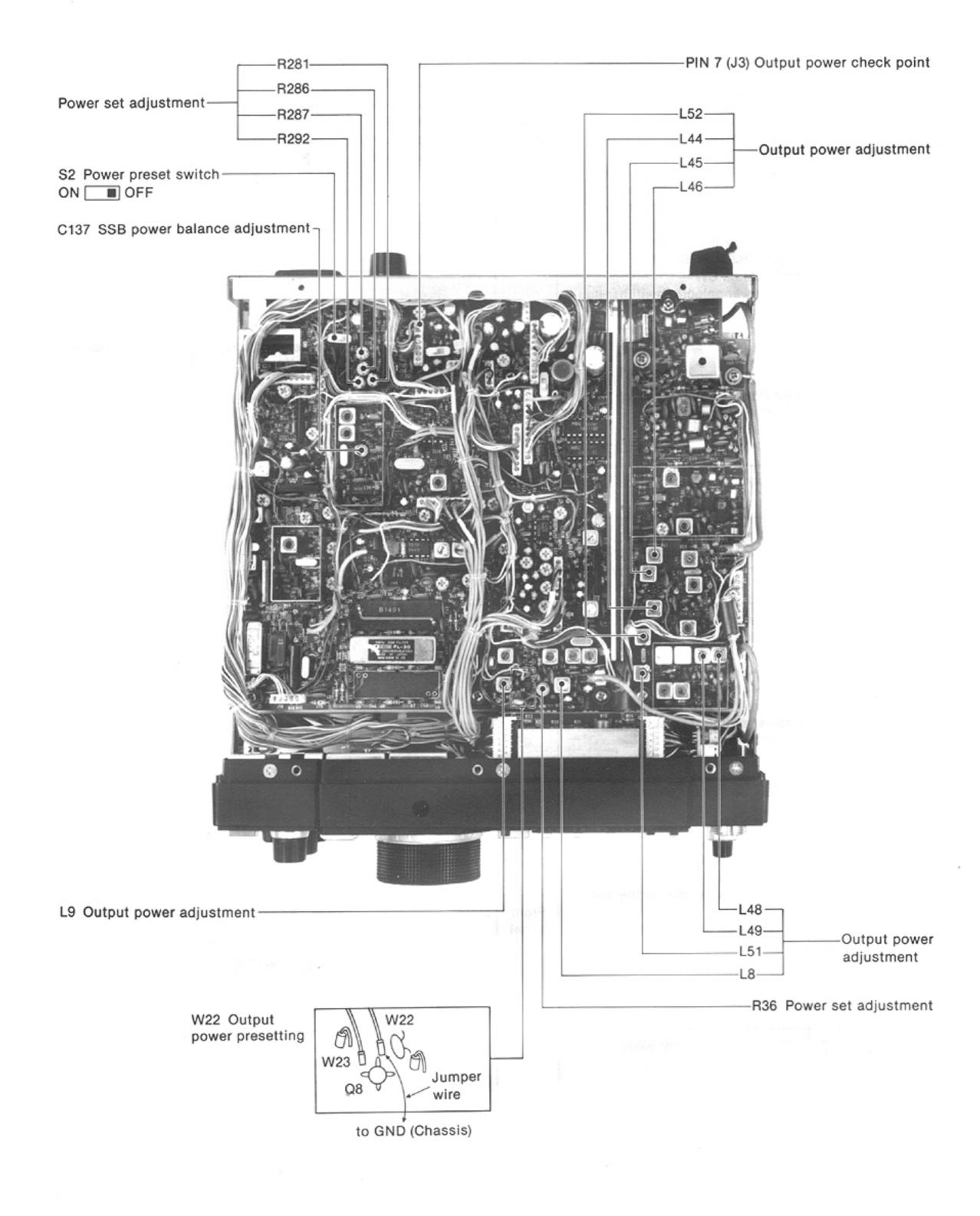


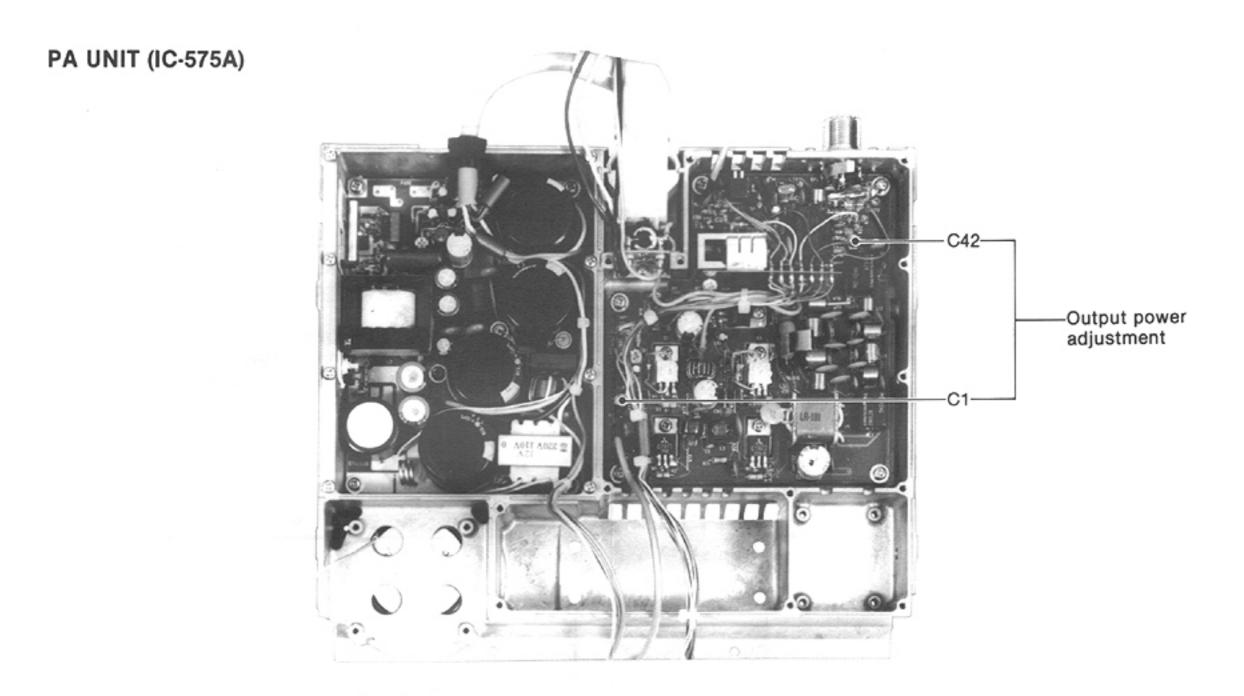
TRANSMITTER ADJUSTMENT (CONTINUED)

ADJUSTME	MT	ADJUSTMENT CONDITIONS	N	MEASUREMENT	VALUE		STMENT DINT
ADJUSTME	:IN I	ADJUSTMENT CONDITIONS	UNIT	LOCATION	VALUE	UNIT	ADJUST
OUTPUT POWER	1	Operating frequency: 52.0000 MHz USB mode [RF PWR] control: Max. CW* Ground W22 to chassis. Apply an AF signal to the mic connector. Level: 2 mV/1.5 kHz [MIC GAIN] control: Center Transmitting	Rear panel	Connect the RF power meter to the antenna connector.	Adjust for maximum output.	MAIN RF-YGR	L9, L8 L48, L49, L51, L52, L44, L45, L46
	2	Operating frequency: 50.1000 MHz	MAIN	Connect the DC voltmeter to J3 pin 7.	Minimum	PA	C42 (IC-575H: FILTER C17)
	3	Operating frequency: 29.0000 MHz, 52.0000 MHz	Rear panel	Connect the RF power meter to the antenna connector.	Adjust for same output level on both frequencies.	PA	C1
		NOTE: Repeat above adjustment 1 remove the jumper wire from		imes. After completion	ng the adjustment		
SSB POWER BALANCE	1	Operating frequency: 52.0000 MHz Apply an AF signal to the mic connector. Level: 2 mV/300 Hz USB and LSB modes Adjust [MIC GAIN] to a point where the power level is 2.5 W (IC-575H: 25 W). [MIC TONE] control: Center	Rear	Connect the RF power meter to the antenna connector.	Adjust for same output level on both modes.	MAIN	C137
POWER SET (IC-575A)	1	Operating frequency: 50.0000 MHz USB mode [RF PWR] control: Max. CW* [MIC GAIN] control: Center Apply an AF signal to the mic connector. Level: 2 mV/1.5 kHz Transmitting	Rear panel	Connect the RF power meter to the antenna connector.	5 W	MAIN	R36
	2	Apply an AF signal to the mic connector. Level: 20 mV/1.5 kHz S2 Power preset switch: ON R292: Max. CCW* R281: Max. CW* [RF PWR] control: Max. CCW*			1 W		R286
	3	• [RF PWR] control: Max. CW* • R281: Max. CCW*			5 W		R287
	4				12 W		R281
	5	S2 Power preset switch: OFF			10 W		R292
	6	• [RF PWR] control: Max. CCW*]		1 W		R286
		NOTE: Repeat above adjustment so	everal tim	es.	,		

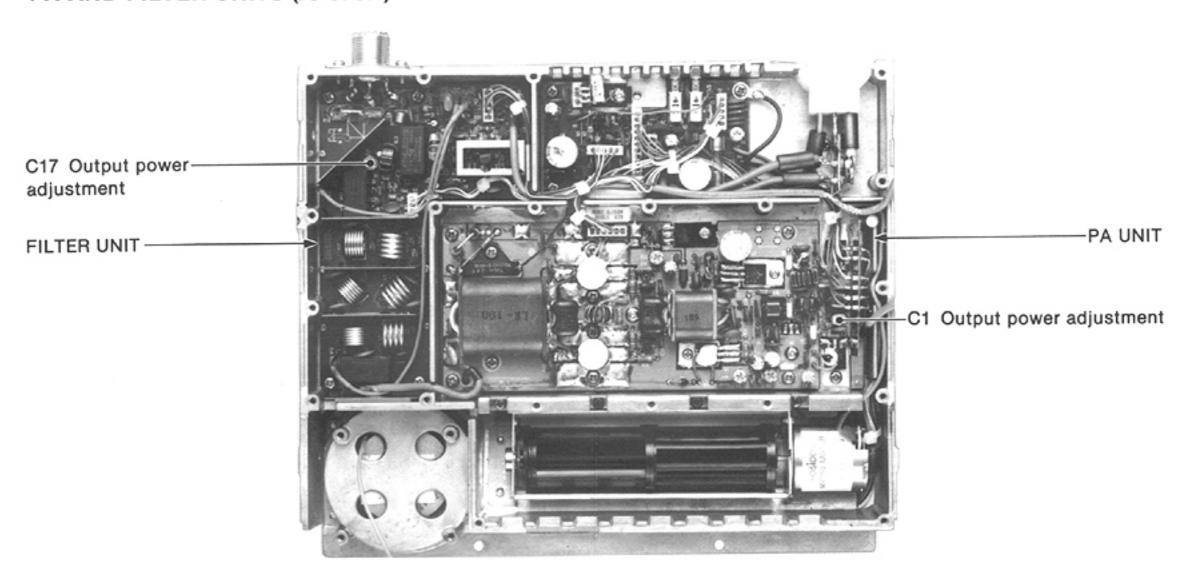
*CW: Clockwise *CCW: Counterclockwise

MAIN AND RF-YGR UNITS

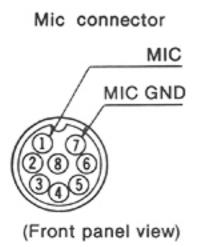




PA AND FILTER UNITS (IC-575H)



CONNECTOR INFORMATION

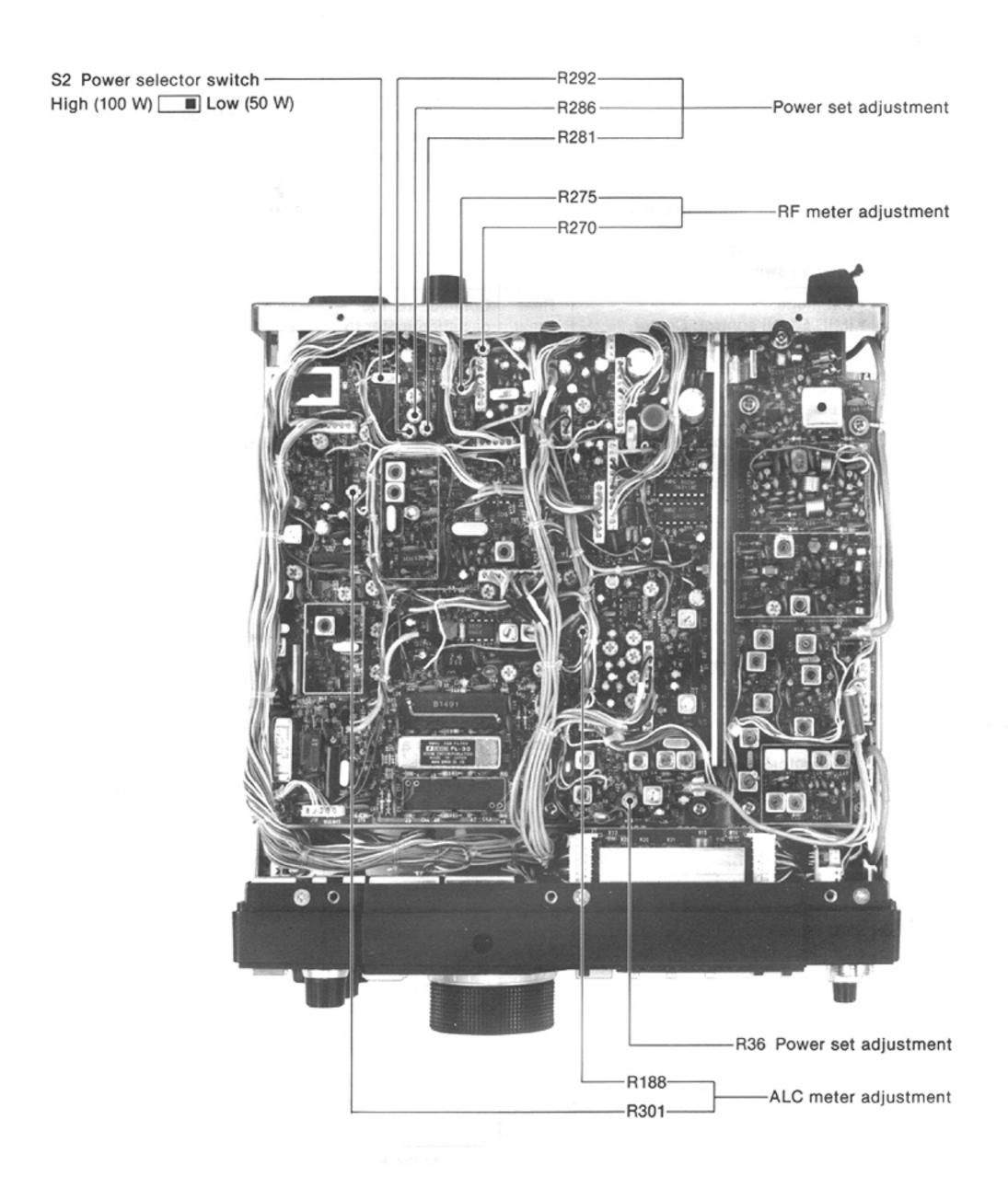


TRANSMITTER ADJUSTMENT (CONTINUED)

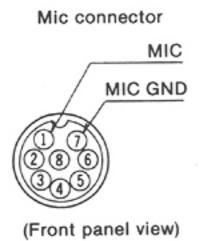
ADJUSTMI	ENT	AD HISTMENT CONDITIONS		MEASUREMENT	VALUE		STMENT OINT
ADJUSTMI	EN I	ADJUSTMENT CONDITIONS	UNIT	LOCATION	VALUE	UNIT	ADJUST
POWER SET (IC-575H)	1	Operating frequency: 50.0000 MHz USB mode [RF PWR] control: Max. CW* [MIC GAIN] control: Center Apply an AF signal to the mic connector. Level: 2 mV/1.5 kHz R281, R286, R292: Max. CCW* R36: Max. CW* S2 Power selector switch: High	Rear	Connect the RF power meter to the antenna connector.	50 W	MAIN	R36
	2	Apply an AF signal to the mic connector. Level: 20 mV/1.5 kHz S2 Power selector switch: High (except U.K.) Low (U.K.) [RF PWR] control: Max. CCW*			10 W (except U.K.) 5 W (U.K.)		R286
	3	• [RF PWR] control: Max. CW*			100 W (except U.K.) 50 W (U.K.)		R292
	4	AC power supply: 11.7 V S2 Power selector switch: High			80 W		R281
		NOTE: After above adjustment, set	S2 to "Le	ow" position. (IC-575H	I: U.K.)		
ALC METER	1	Operating frequency: 28.0000 MHz USB mode Apply an AF signal to the mic connector. Level: 10 mV/1.5 kHz Meter switch: C • ALC Transmitting	Rear panel	Meter	100 % (ALC scale)	MAIN	R301
	2	AM mode Apply no signal to the mic connector.			S8 (ALC meter)		R188
RF METER (SET)	1	Operating frequency: 52.0000 MHz USB mode	Rear panel	Connect the RF power meter to the antenna connector.	4 W (IC-575H: 25 W)	Front panel	[RF PWR] control
	2	 Apply an AF signal to the mic connector. Level: 20 mV/1.5 kHz Meter switch: S • RF [TX-METER] switch: SET Transmitting 	Front panel	Meter	SWR SET position	MAIN	R275
(SWR)	3	• [TX-METER] switch: SWR			Less than 1.2 (SWR scale)		Verify
(RF)	4	• [TX-METER] switch: RF • [RF PWR] control: Max. CW*			90 % (RF scale) s		R270

*CW: Clockwise *CCW: Counterclockwise

MAIN UNIT



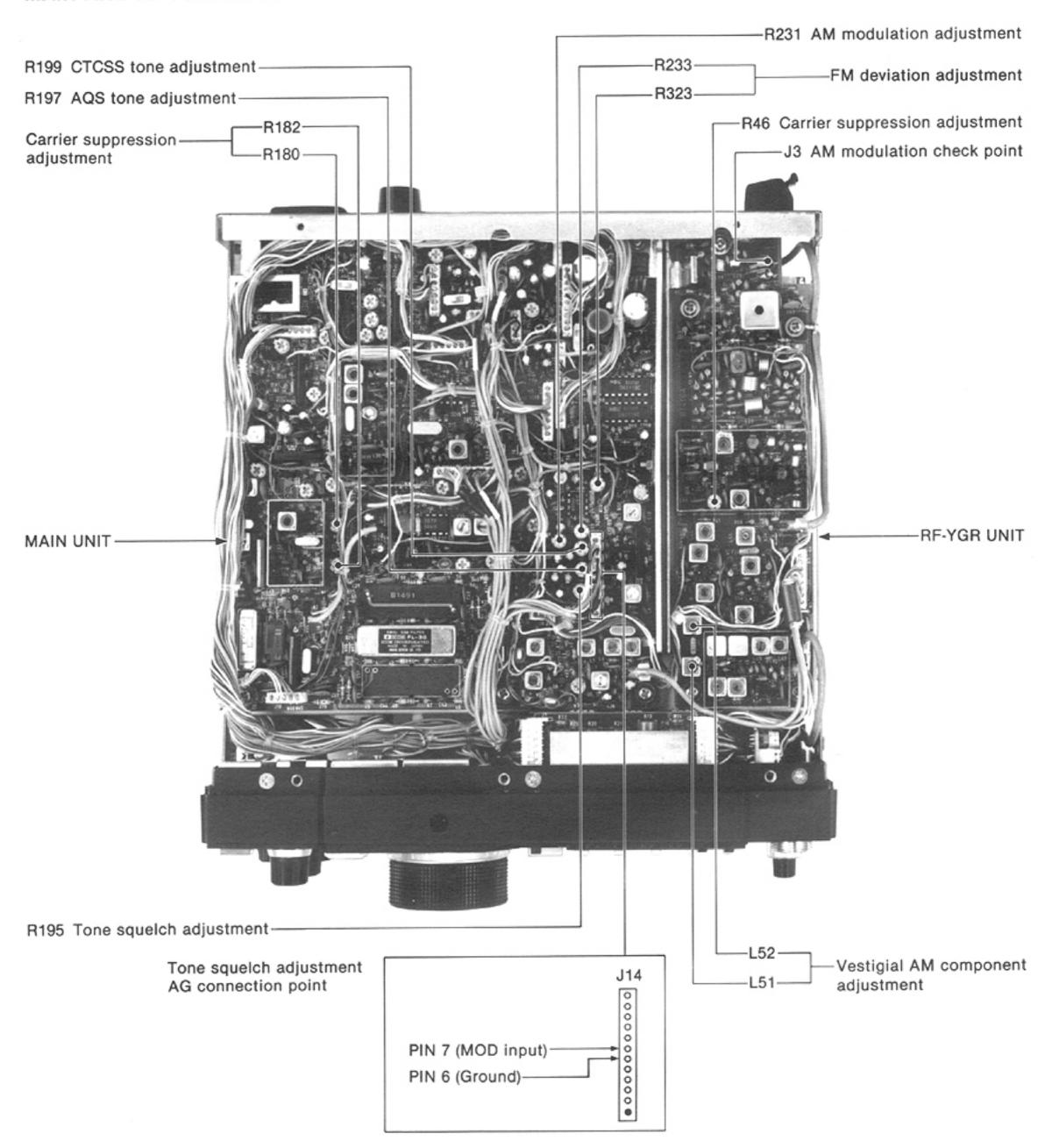
CONNECTOR INFORMATION



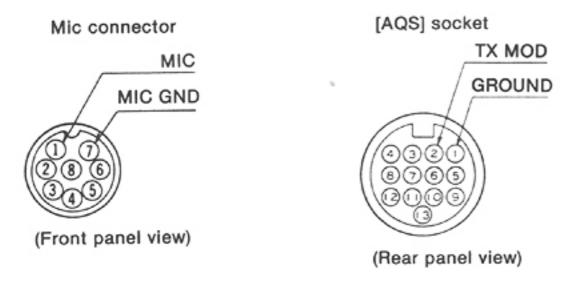
TRANSMITTER ADJUSTMENT (CONTINUED)

ADJUSTME	:NT	ADJUSTMENT CONDITIONS	N	MEASUREMENT	- VALUE	1	STMENT OINT
ADJUSTME	:N 1	ADJUSTMENT CONDITIONS	UNIT	LOCATION	VALUE	UNIT	ADJUST
COMP LEVEL	1	USB mode Apply an AF signal to the mic connector. Level: 5 mV/1.5 kHz	Rear panel	Connect the RF power meter to the antenna connector.	5 W (IC-575H: 50 W)	Front panel	[MIC GAIN] control
	2	Apply an AF signal to the mic connector. (10 dB down) Level: 1.6 mV/1.5 kHz [COMP] switch: ON			5 W (IC-575H: 50 W)	Rear panel	[COMP LEVEL] control
FM DEVIATION		FM mode [MIC GAIN] control: Center Apply an AF signal to the mic connector. Level: 20 mV/1 kHz Transmitting	Rear panel	Connect the FM deviation meter to the antenna connector via the attenuator.	±4.8 kHz	MAIN	R233
	2	Apply an AF signal to the mic connector. Level: 2 mV/1 kHz			±3.5 kHz		R323
		NOTE: Repeat above adjustment 1	•				
AM MODULA- TION	1	Operating frequency: 28.0000 MHz AM mode Apply an AF signal to the mic connector. Level: 20 mV/700 Hz Transmitting	RF-YGR	Connect the oscilloscope to J3.	100 % modulation	MAIN	R231
CARRIER SUPPRES- SION	1	USB and LSB modes Apply no signal to the mic connector. Transmitting	Rear panel	Connect the spectrum analyzer to the antenna connector via the	Minimum carrier level on both modes (Less than -40 dB)	MAIN	R180, R182
	2	• FM mode		attenuator.	Minimum spurious level of nearby frequency.	RF-YGR	R46
VESTIGIAL AM COMPO- NENT	1	 Operating frequency: 50.0000 MHz FM mode Transmitting 	Rear panel	Connect the RF power meter to the antenna connector.	Minimum vestigial AM component	RF-YGR	L51, L52
CTCSS TONE	1	Operating frequency: 52.0000 MHz FM mode Apply no signal to the mic connector. [TONE] switch: ON Tone frequency: 67.0 Hz Transmitting	Rear panel	Connect the FM deviation meter to the antenna connector via the attenuator.	±0.5 kHz	MAIN	R199
AQS TONE	1	FM mode Apply no signal to the mic connector. Apply an AF signal to the [AQS] socket pin 2 (pin 1 is ground). Level: 300 mV/1.2 kHz Transmitting	Rear panel	Connect the FM deviation meter to the antenna connector via the attenuator.	±4 kHz	MAIN	R197
TONE SQUELCH	1	FM mode Apply no signal to the mic connector. Apply an AF signal to J14 pin 7 (pin 6 is ground). Level: 400 mV/67.0 Hz Transmitting	Rear panel	Connect the FM deviation meter to the antenna connector via the attenuator.	±0.5 kHz	MAIN	R195

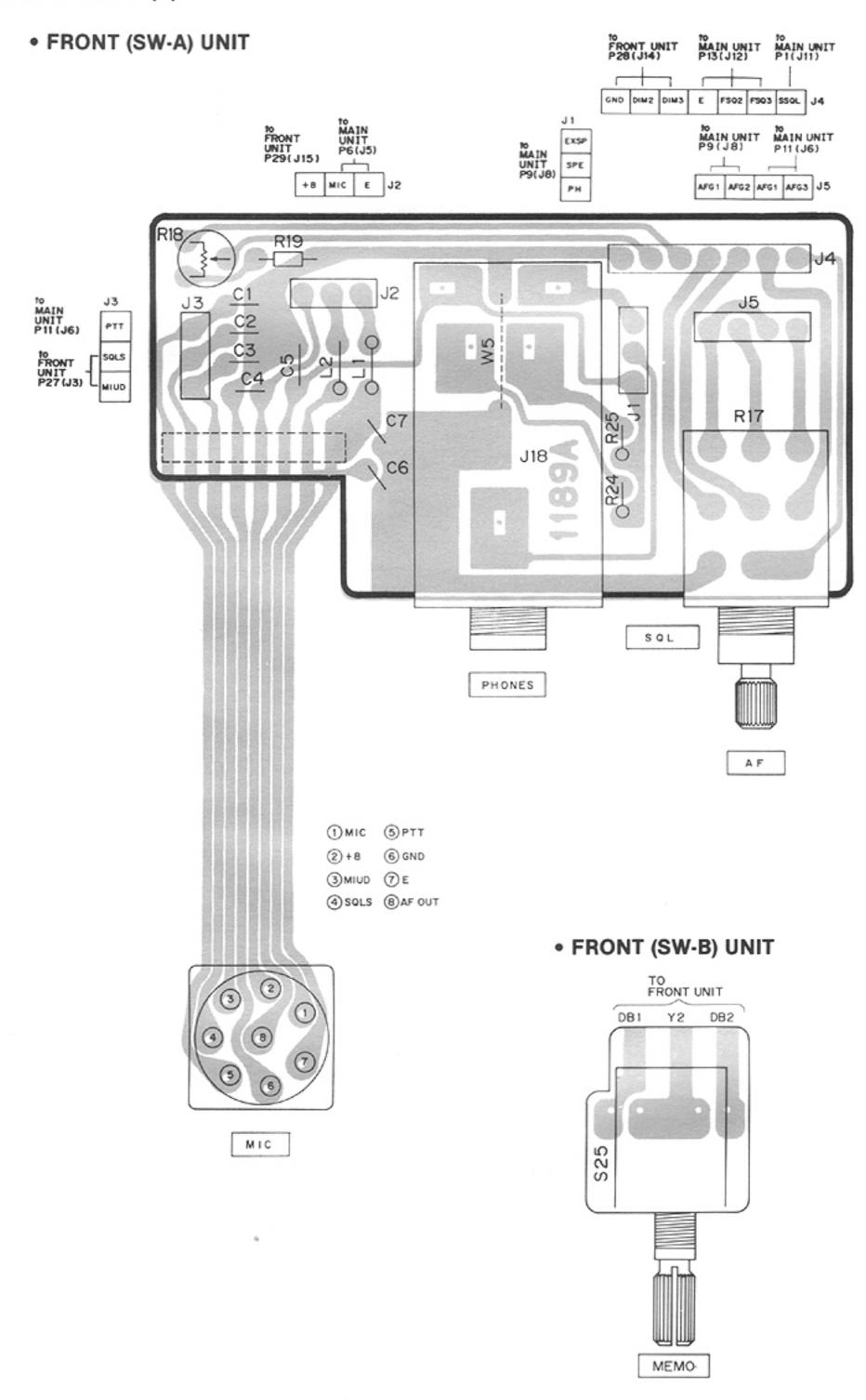
MAIN AND RF-YGR UNITS



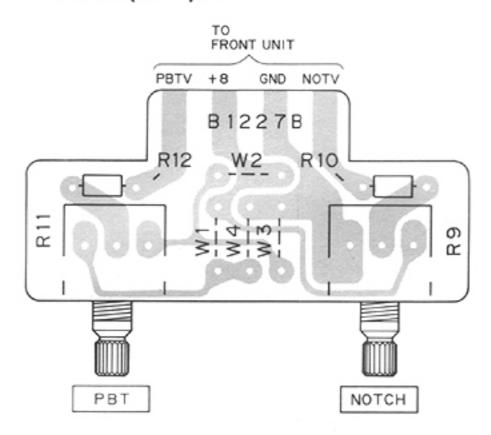
CONNECTOR INFORMATION



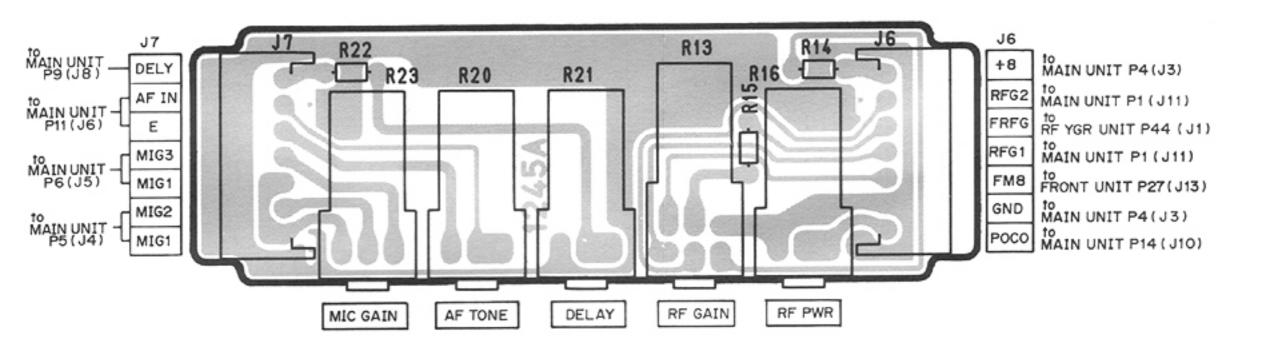
3-1 FRONT UNIT (1)



• FRONT (VR-A) UNIT



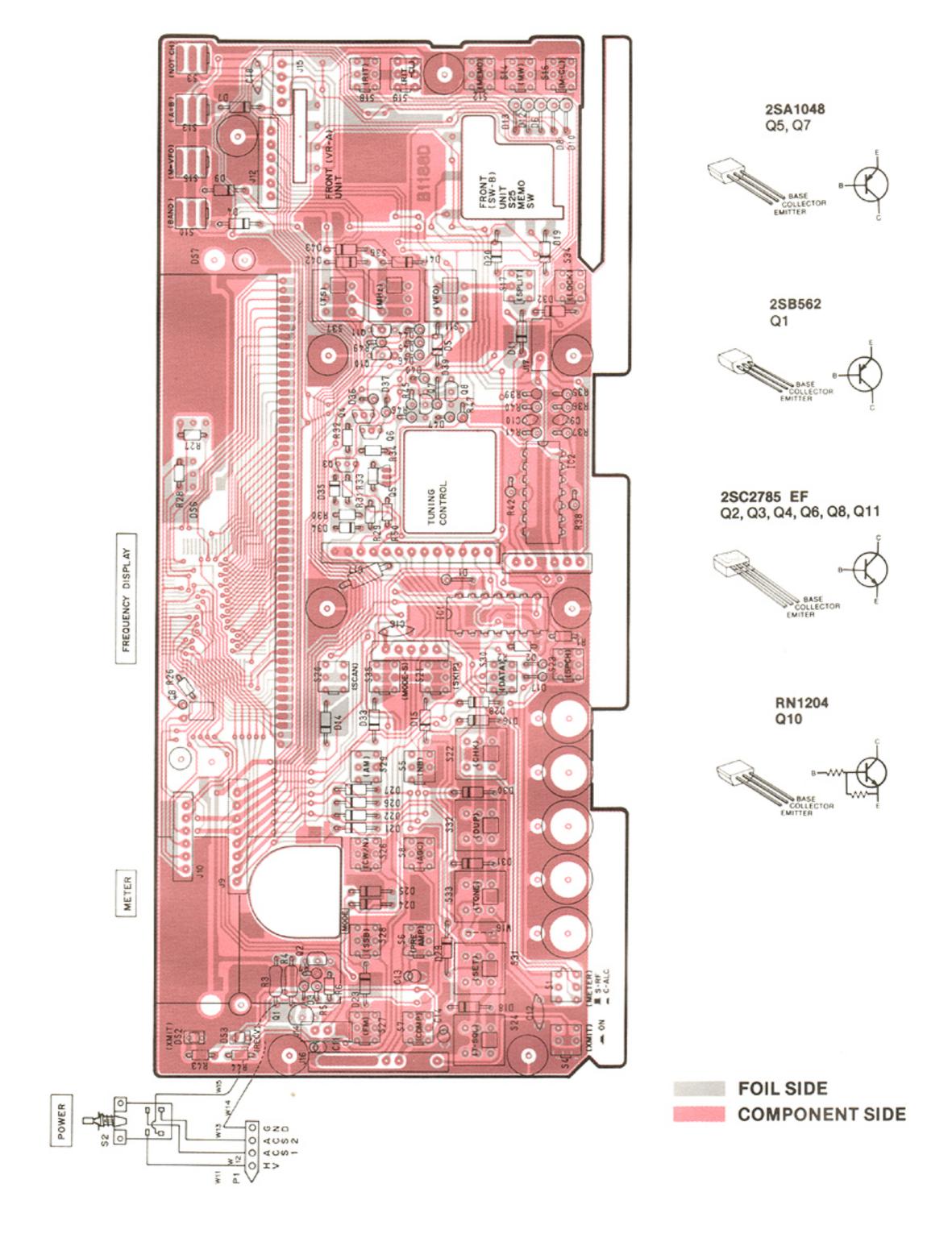
• FRONT (VR-B) UNIT



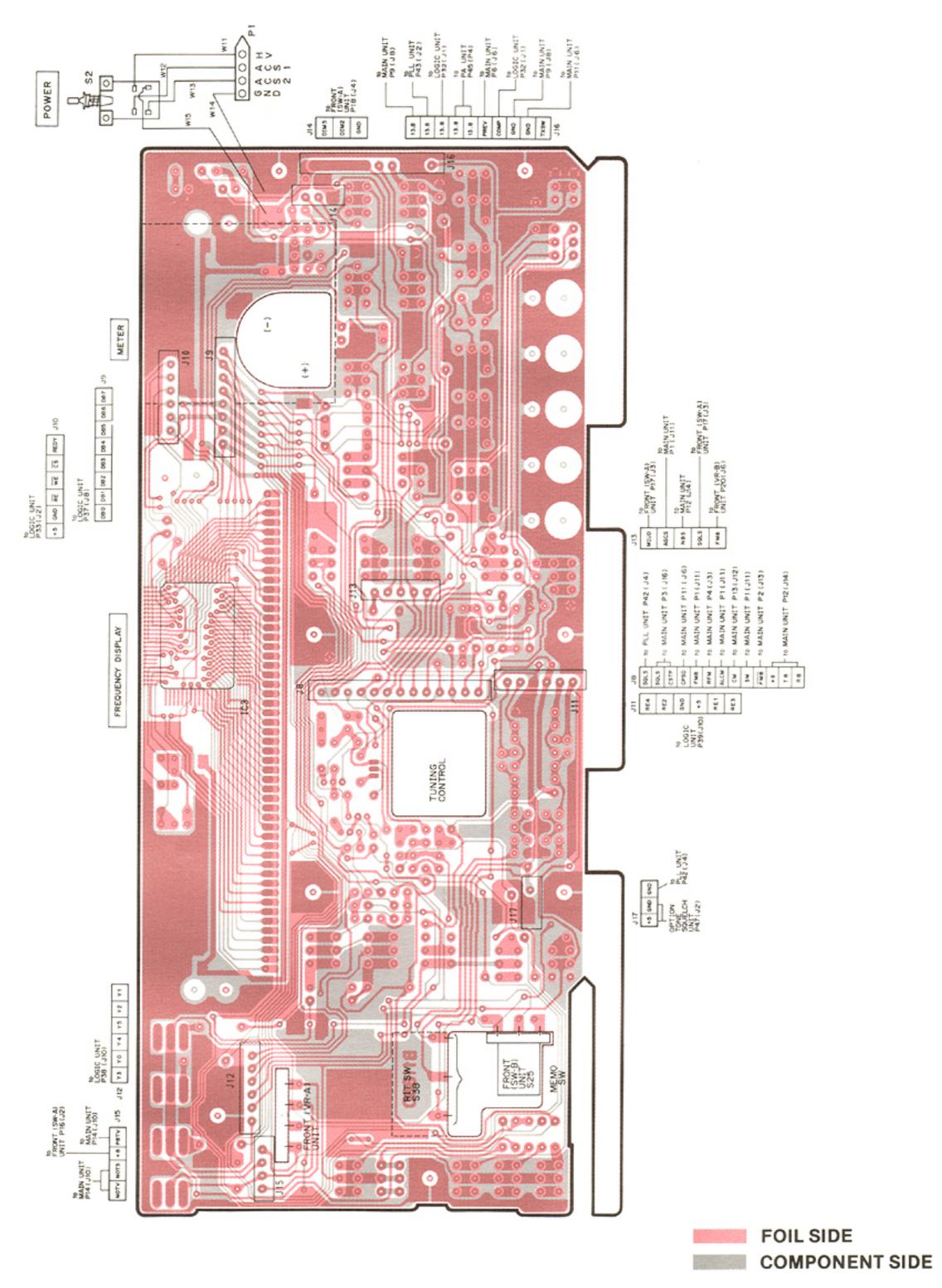
3-2 FRONT UNIT (2)

FRONT UNIT

COMPONENT SIDE

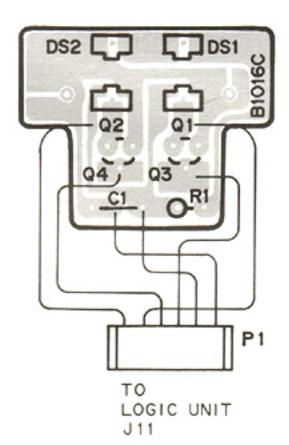


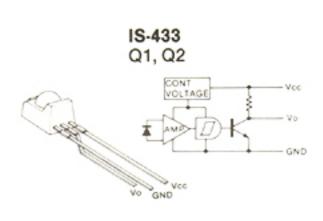
FOIL SIDE



3-3 LOGIC AND SENSOR UNITS FOIL SIDE LOGIC UNIT COMPONENT SIDE OPTION VOICE UNIT P2 9010 š FRONT UNIT P26 (J12) SCAN SPEED SW FAST --- SLOW FRONT UNIT P23(J9) Y1 Y2 Y3 Y0 Y7 Y6 Y5 Y4 DBO DB1 DB2 DB3 DB4 DB5 DB6 DB7 000 0 CW 9999999999 AM MAIN UNIT P2 (J13) FM LSB PLL UNIT-P41 (J3) AQQF MAIN UNIT P2 (J13) DATA MAIN UNIT P11 (J6) YUA 0 000000 MAIN UNIT P3 (J16) SCAN J4 GNO ENA from PLL UNIT P3 ENA2 ¢ĸ VC04 VC03 V002 V001 YUA MAIN UNIT P12(J14) TONE SOUELCH UNIT (UT-34) P47(J2) MAIN UNIT P7(J9) C15 FRONT UNIT P24 (J10) J7 BEEP E SBTN E TSTB dote CK J2 GNO CS +5 WE RE REDY IC11 FRONT UNIT P25 (J11) J10 +5 GND RE4 RE2 RE3 RE1 from SENSOR UNIT P1 J11 +5 GND SE4 SE3 SE2 SE1 IC19 CH C130 J11 R18 R13 042 ICI8 FRONT UNIT P30 (J16) J1 GNO to PLL UNIT J13 P4 E R47 0 0

• SENSOR UNIT

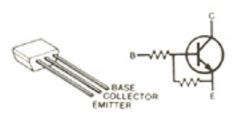






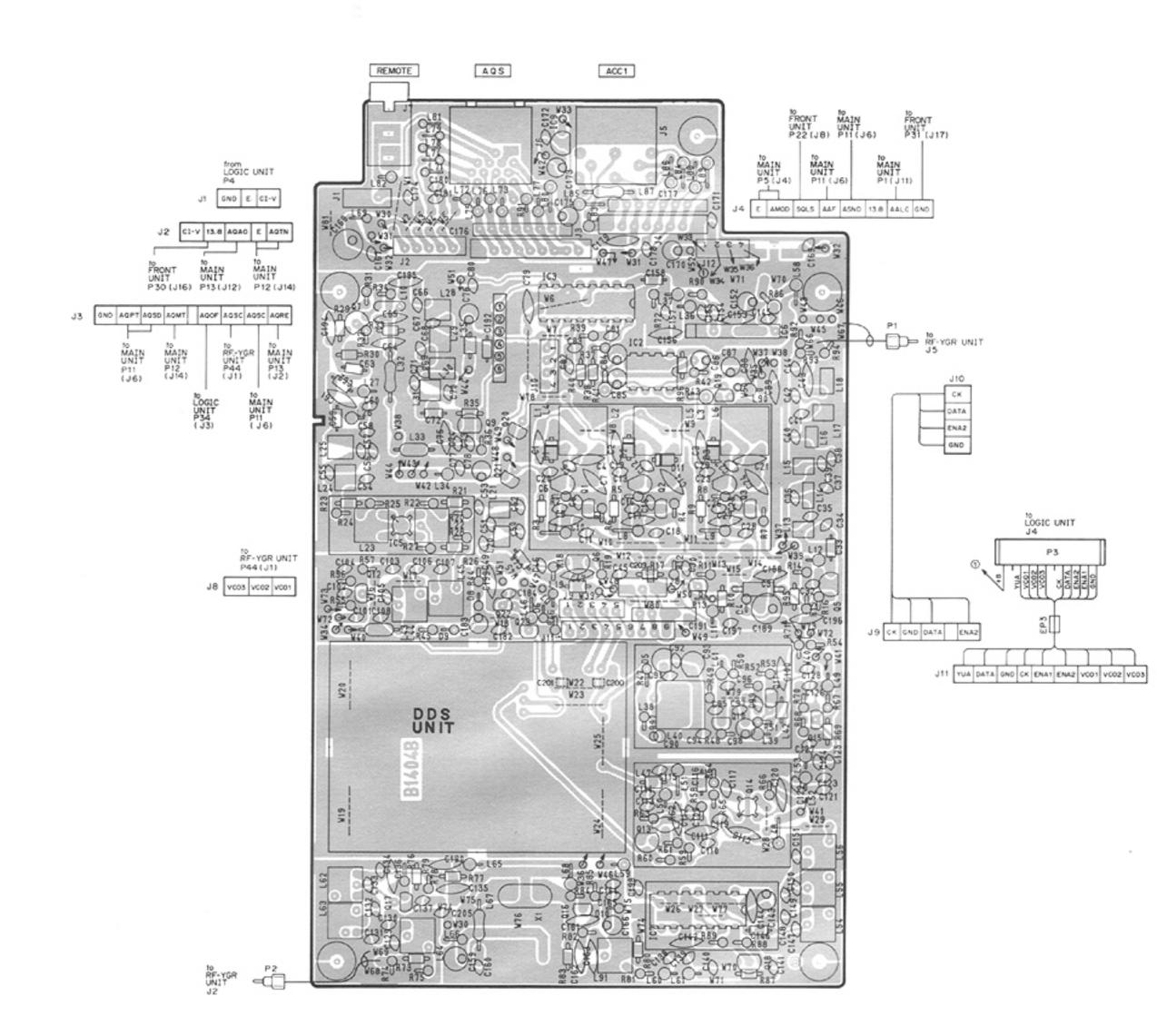


RN1204 Q8

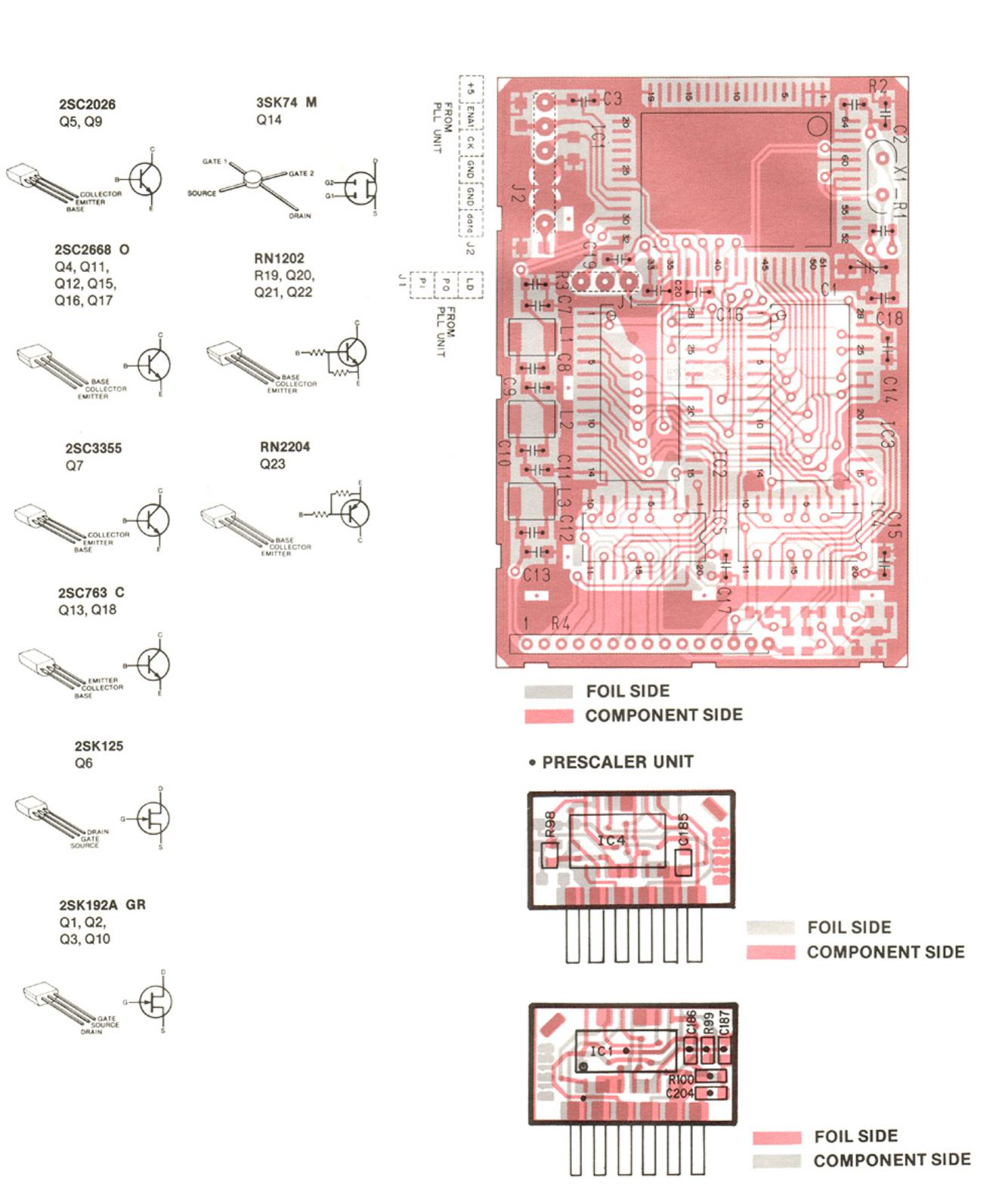


3-4 PLL AND DDS UNITS

• PLL UNIT

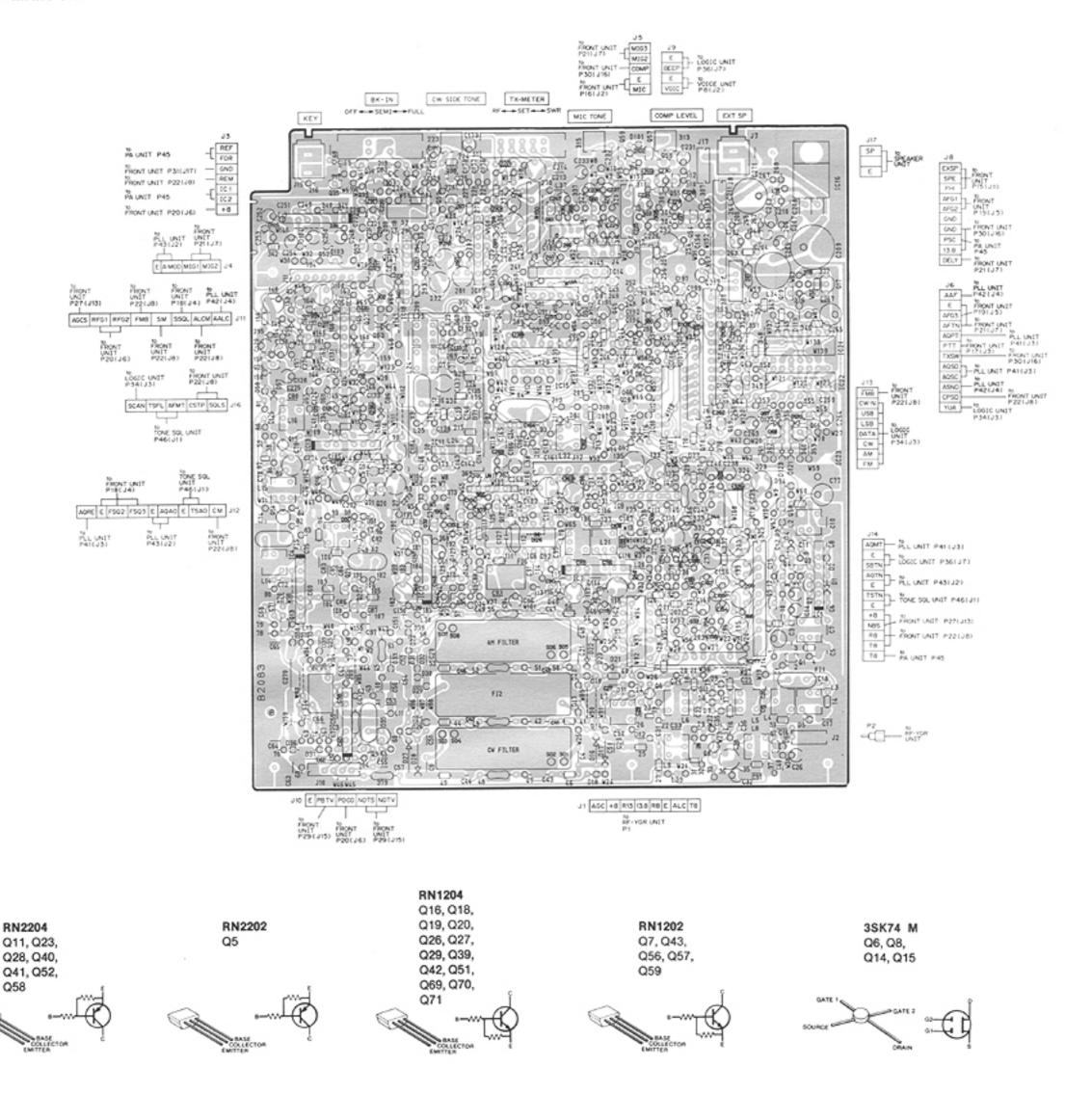


DDS UNIT



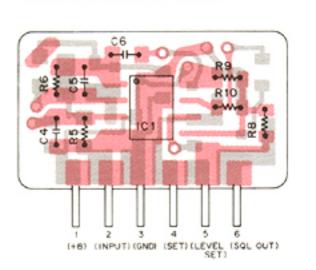
3-5 MAIN AND SQUELCH UNITS

MAIN UNIT

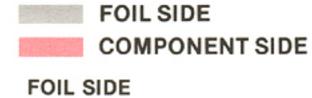


SQUELCH UNIT

COMPONENT SIDE

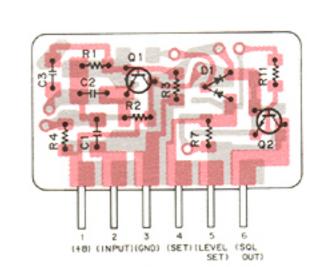


2SA1048 Y/GR Q2, Q35, Q49





2SB562 C Q17



2SC1571 Q54





Q3, Q4,

2SC2712 Y Q1





BASE [COLLECTOR EMITTER [Symbol: LY

BASE WY COLLECTOR EMITTER -Symbol: BY

Q9, Q10, Q12, Q13, Q21, Q22,

Q24, Q25, Q30, Q31, Q32, Q33,

Q34, Q36, Q38, Q44, Q45, Q46,

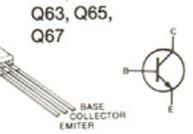
Q47, Q48, Q50, Q53,

Q55, Q60, Q61, Q62,

Symbol: C1

HSM88AS

D1



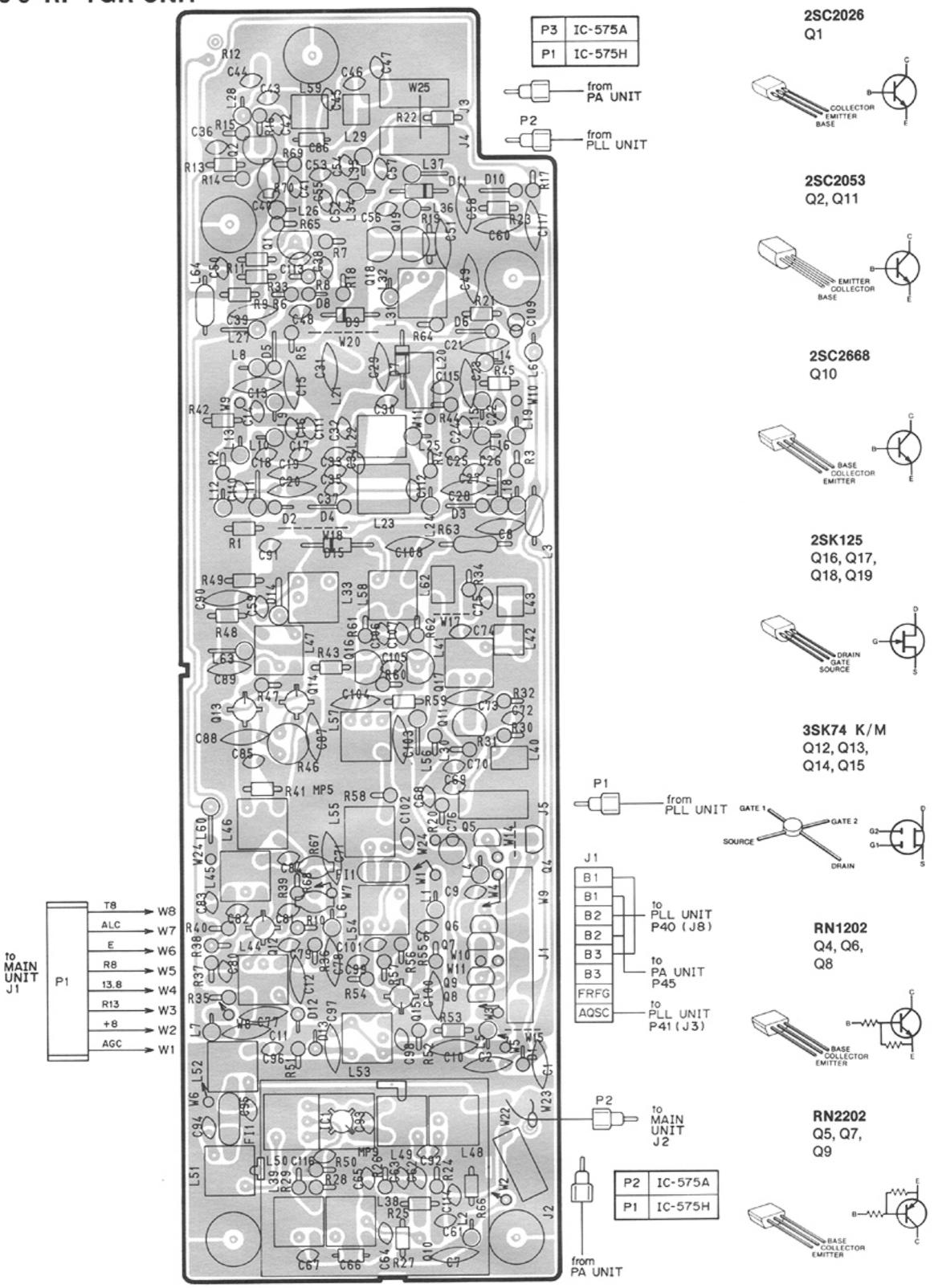
2SK192A Y Q1

2SD468 C Q64, Q66, Q68

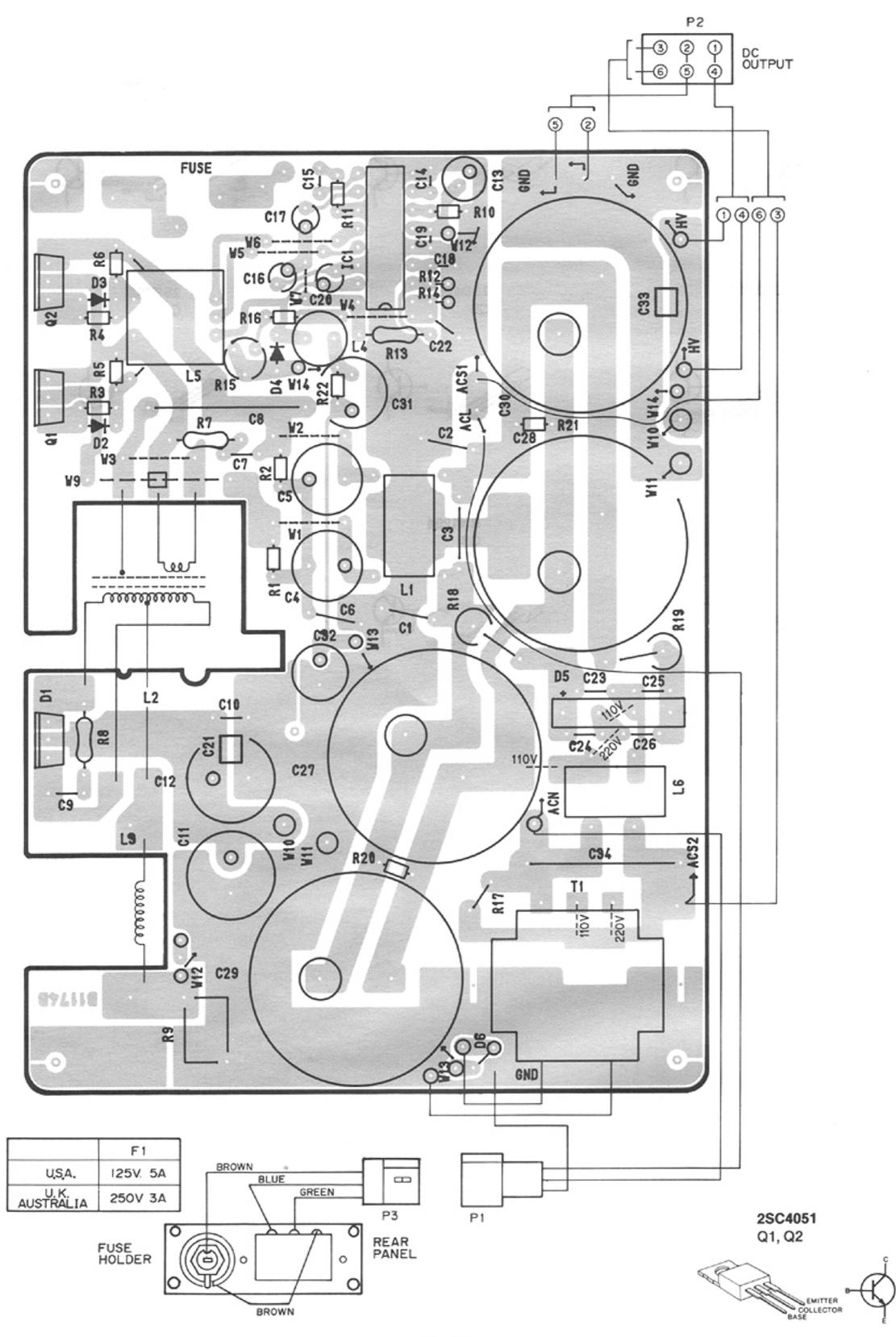




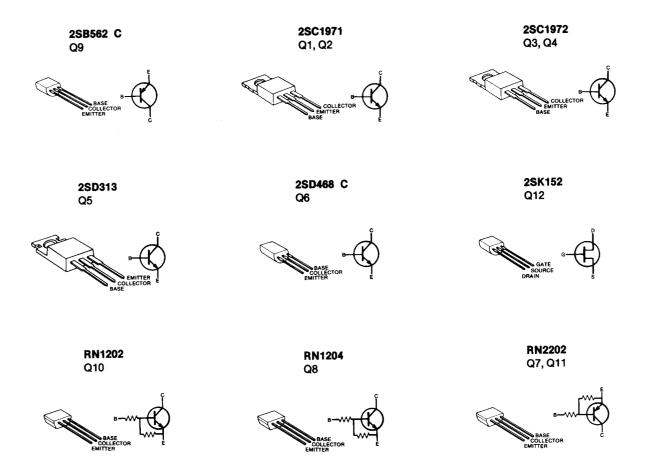
3-6 RF-YGR UNIT



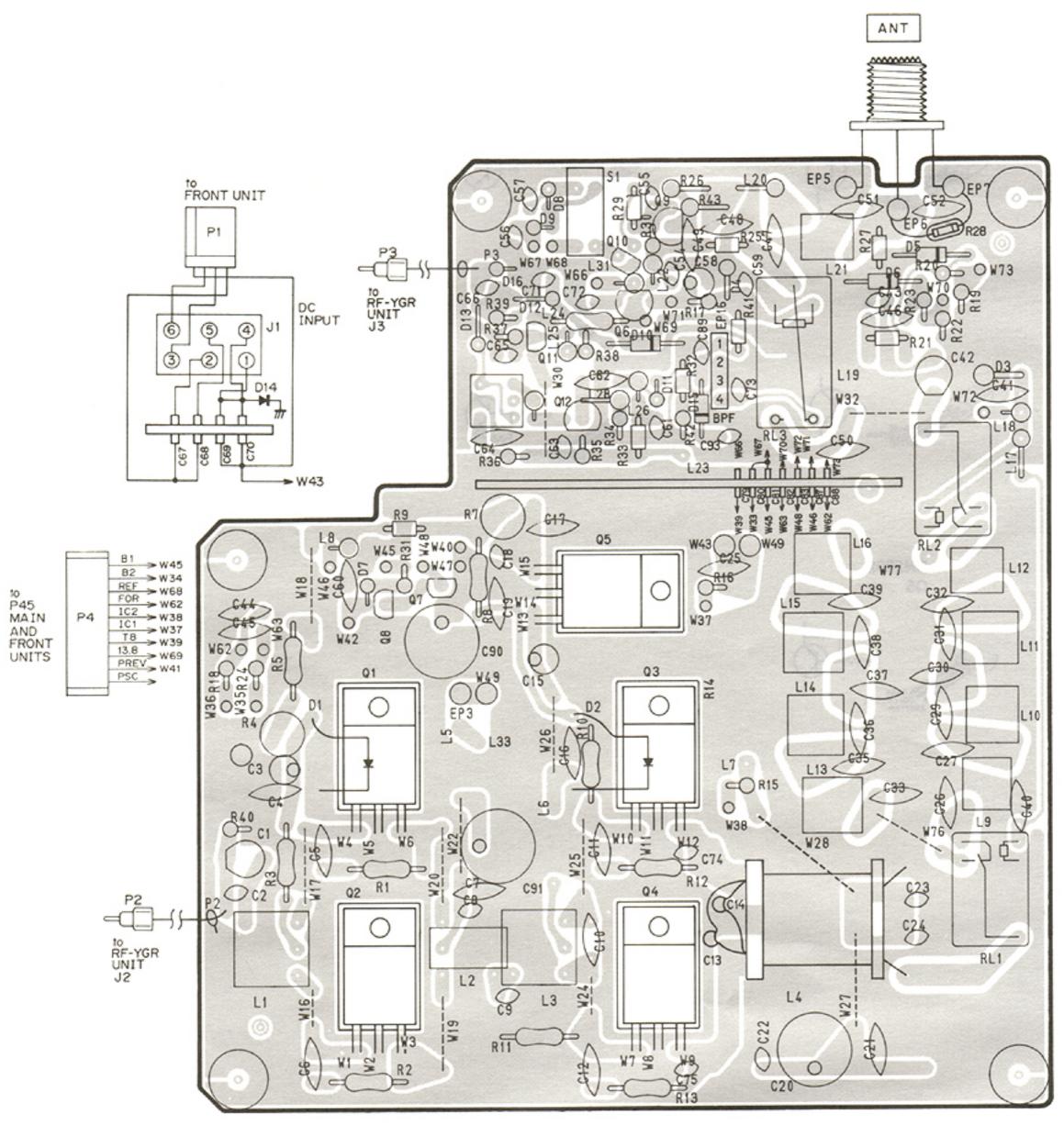
3-7 REG UNIT (IC-575A ONLY)

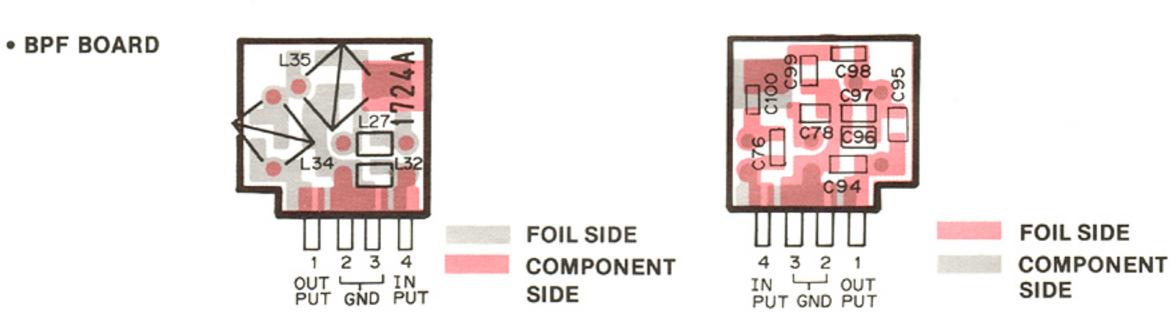


3-8 PA UNIT (IC-575A ONLY)

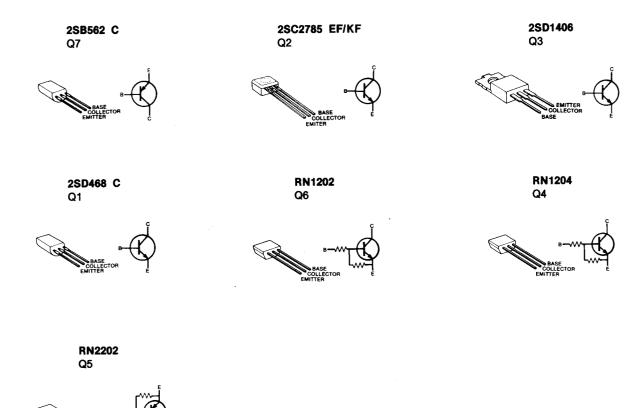


• PA UNIT (IC-575A)

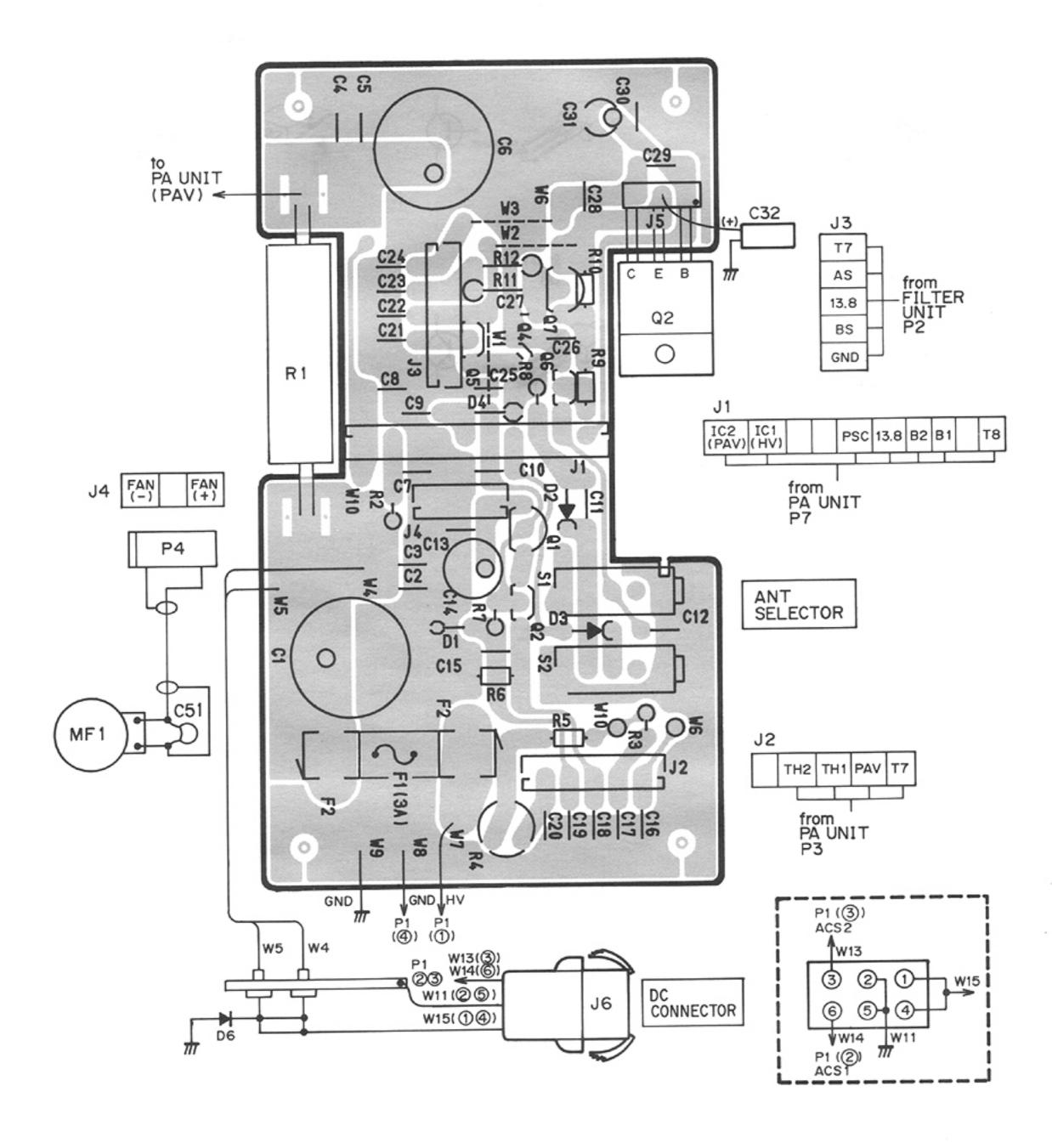




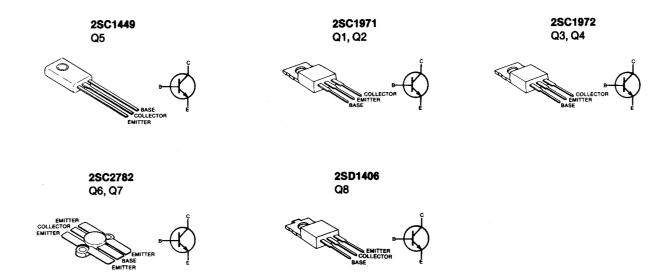
3-9 CTRL UNIT (IC-575H ONLY)



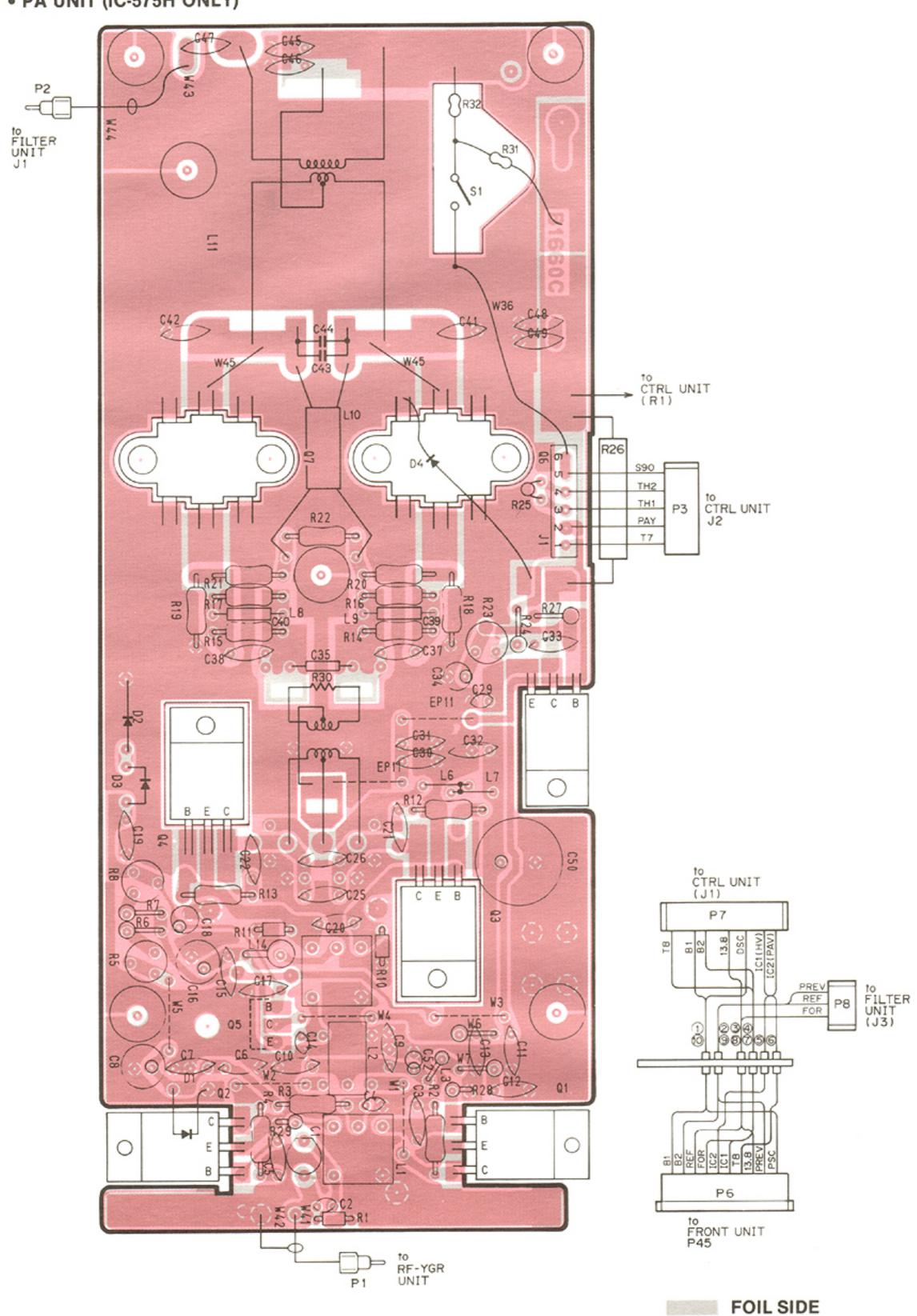
• CTRL UNIT (IC-575H ONLY)



3-10 PA UNIT (IC-575H ONLY)



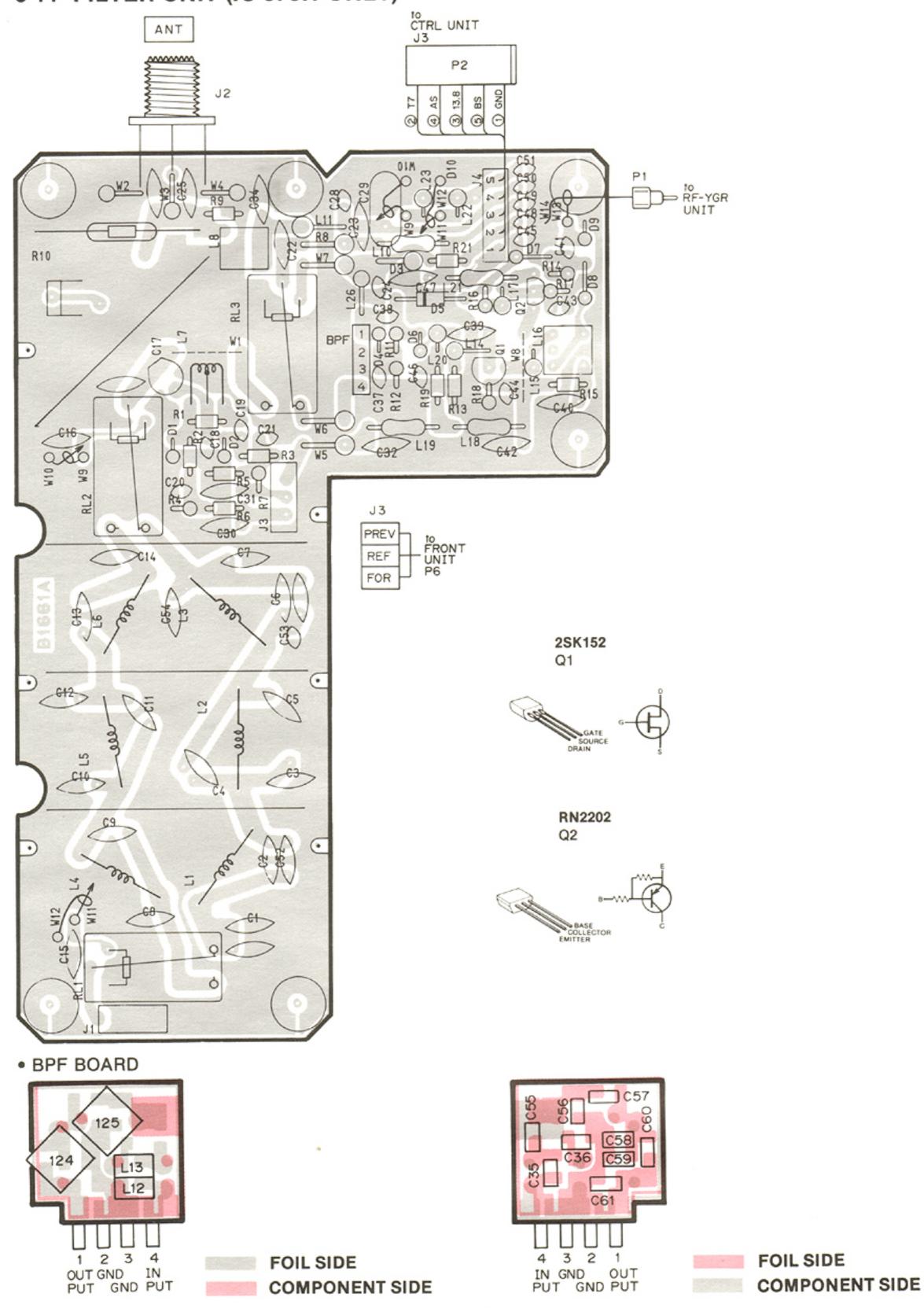
• PA UNIT (IC-575H ONLY)



3 — 13

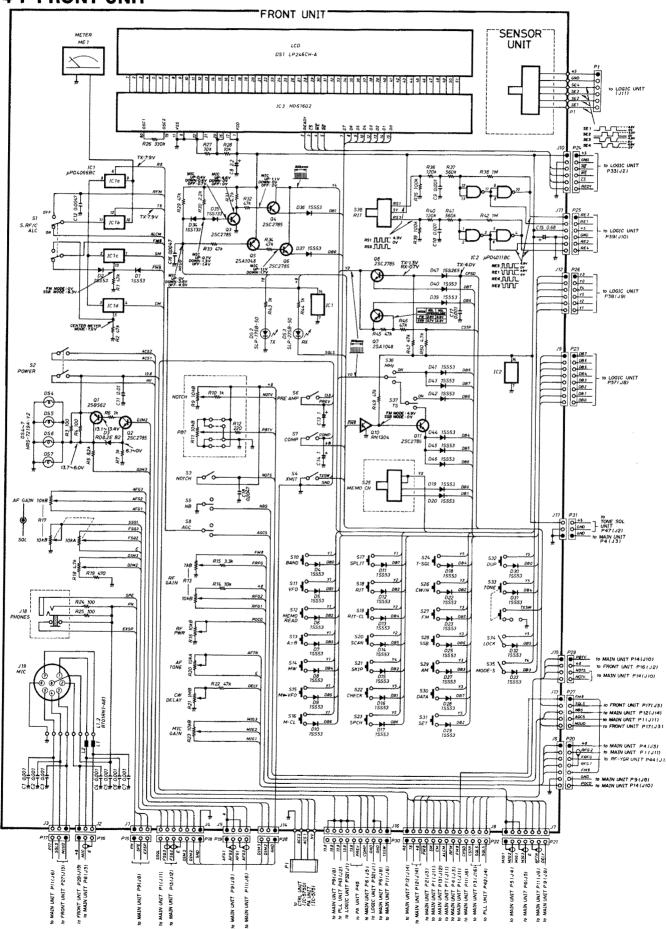
COMPONENT SIDE

3-11 FILTER UNIT (IC-575H ONLY)

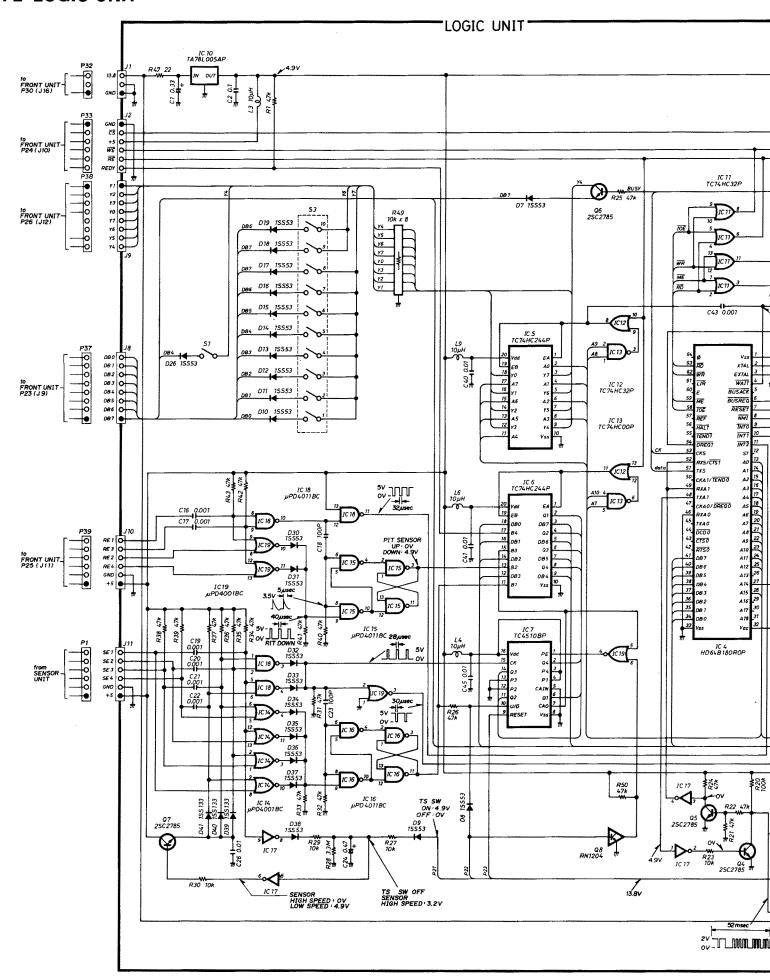


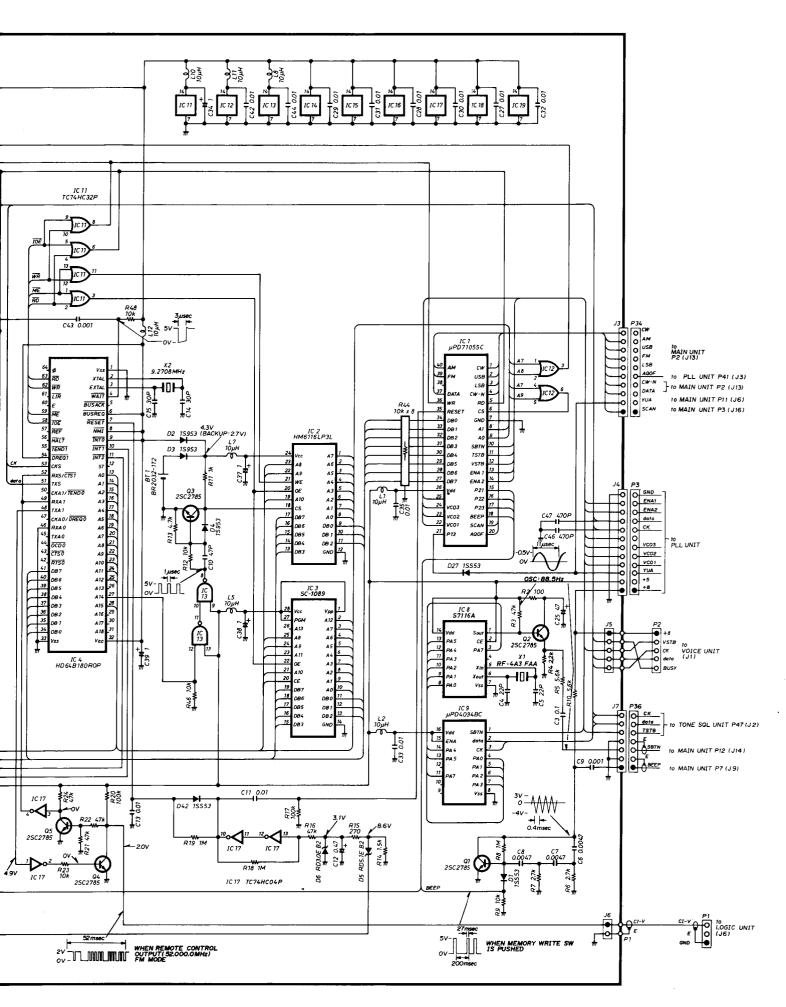
SECTION 4 VOLTAGE DIAGRAMS

4-1 FRONT UNIT

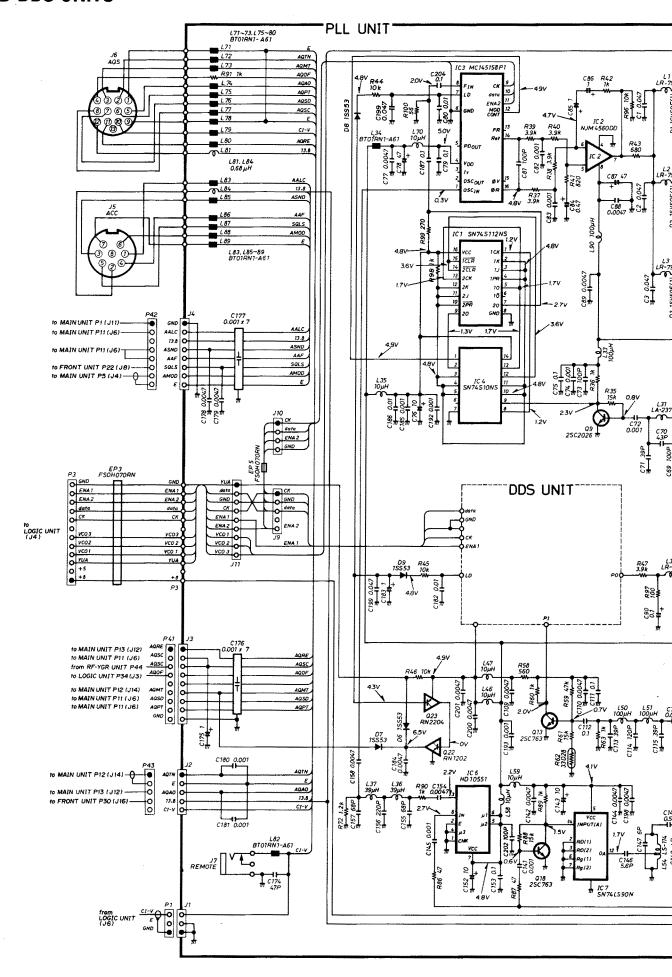


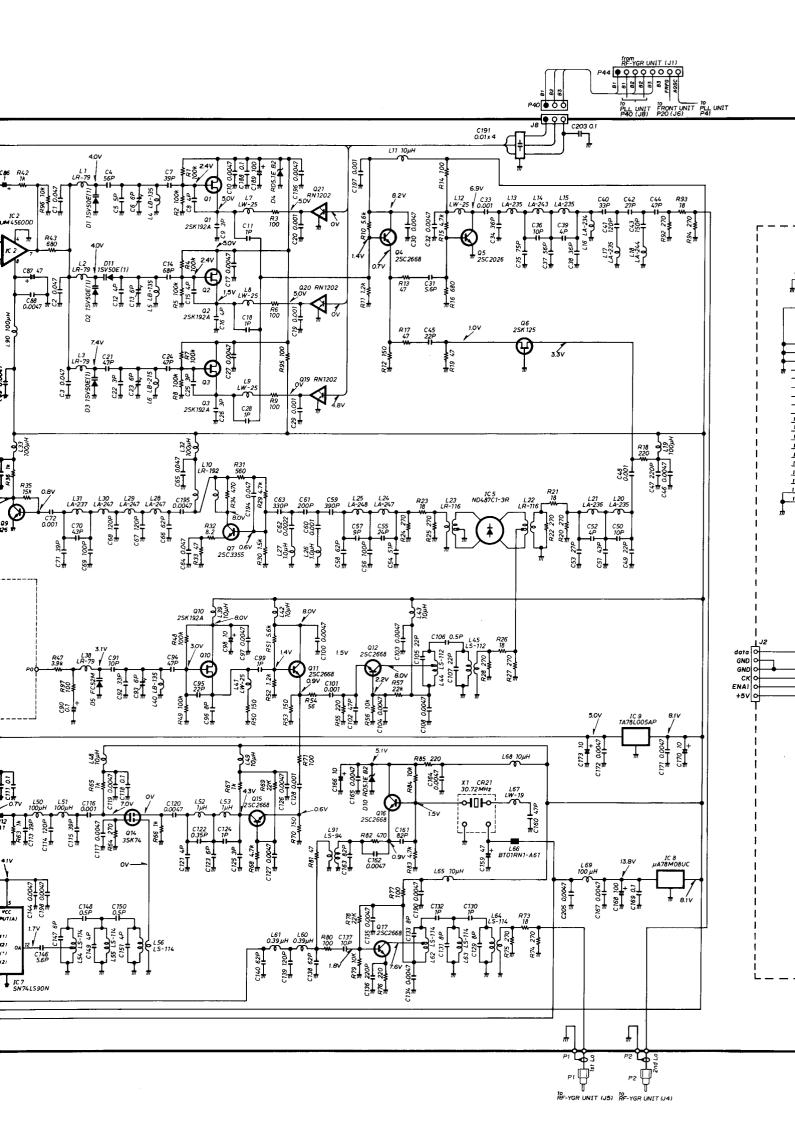
4-2 LOGIC UNIT

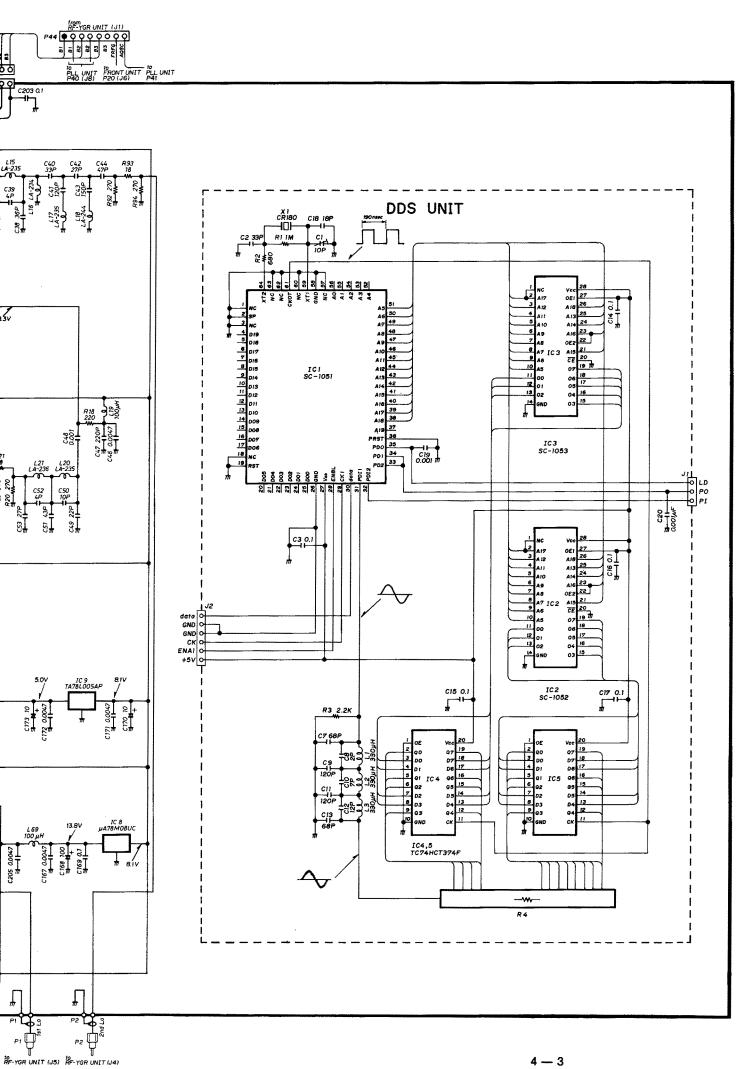




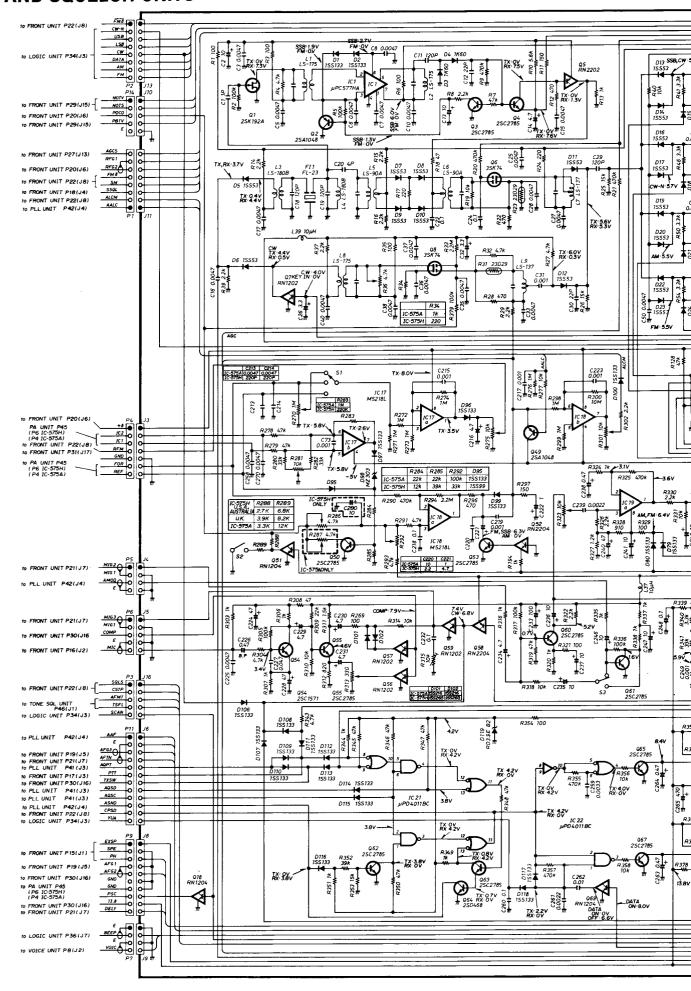
4-3 PLL AND DDS UNITS

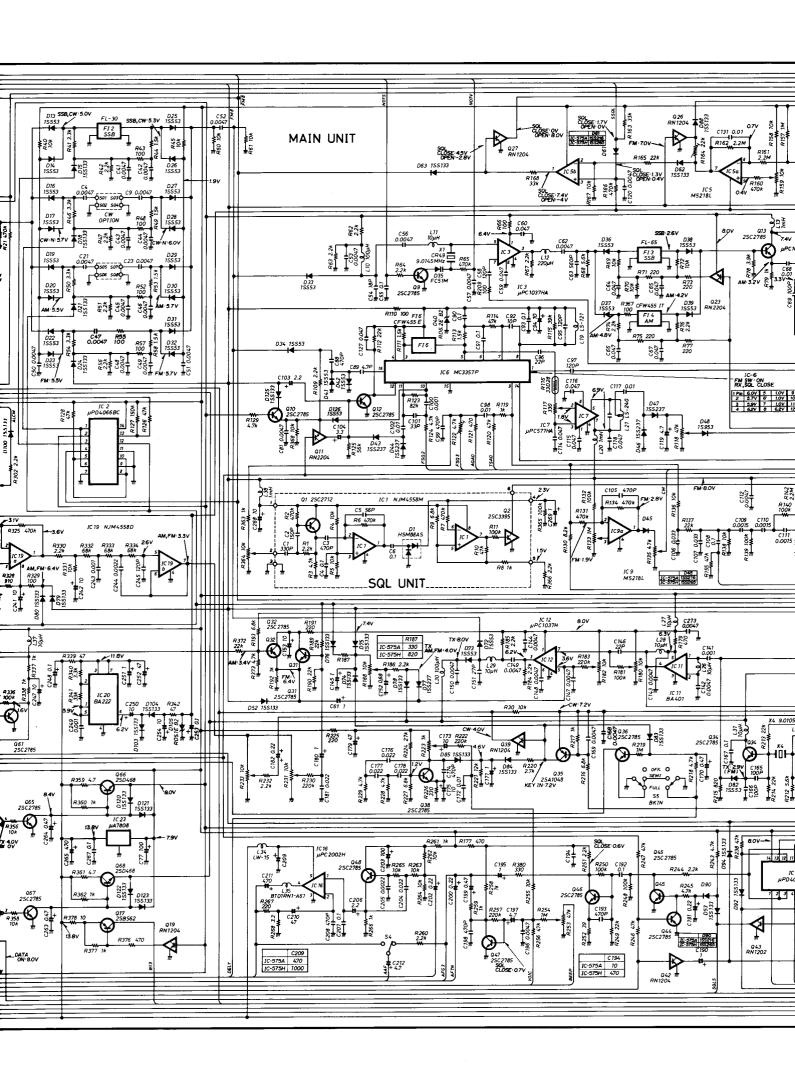


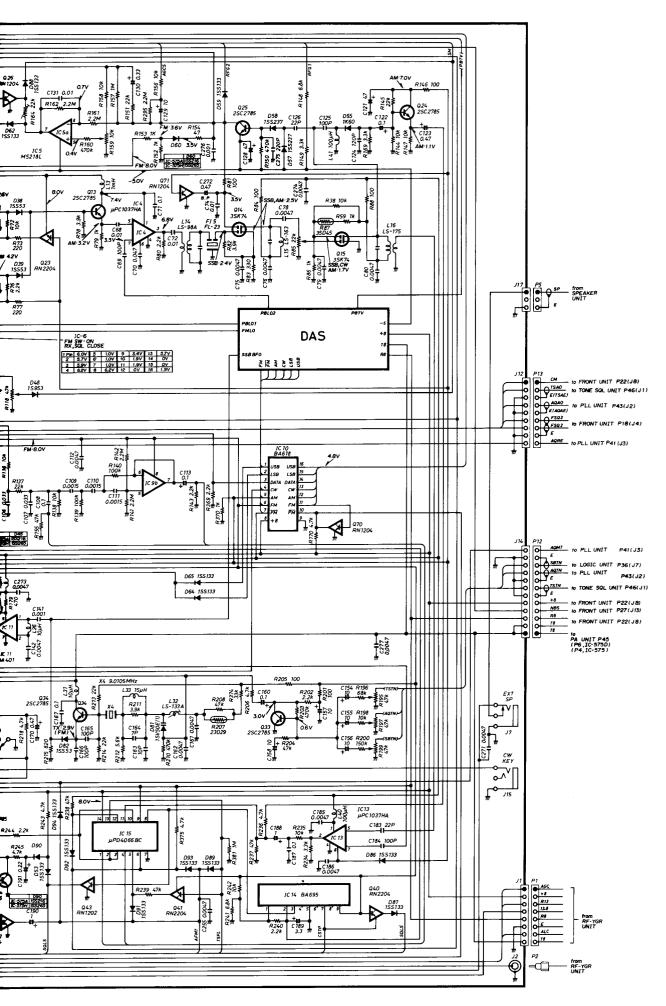


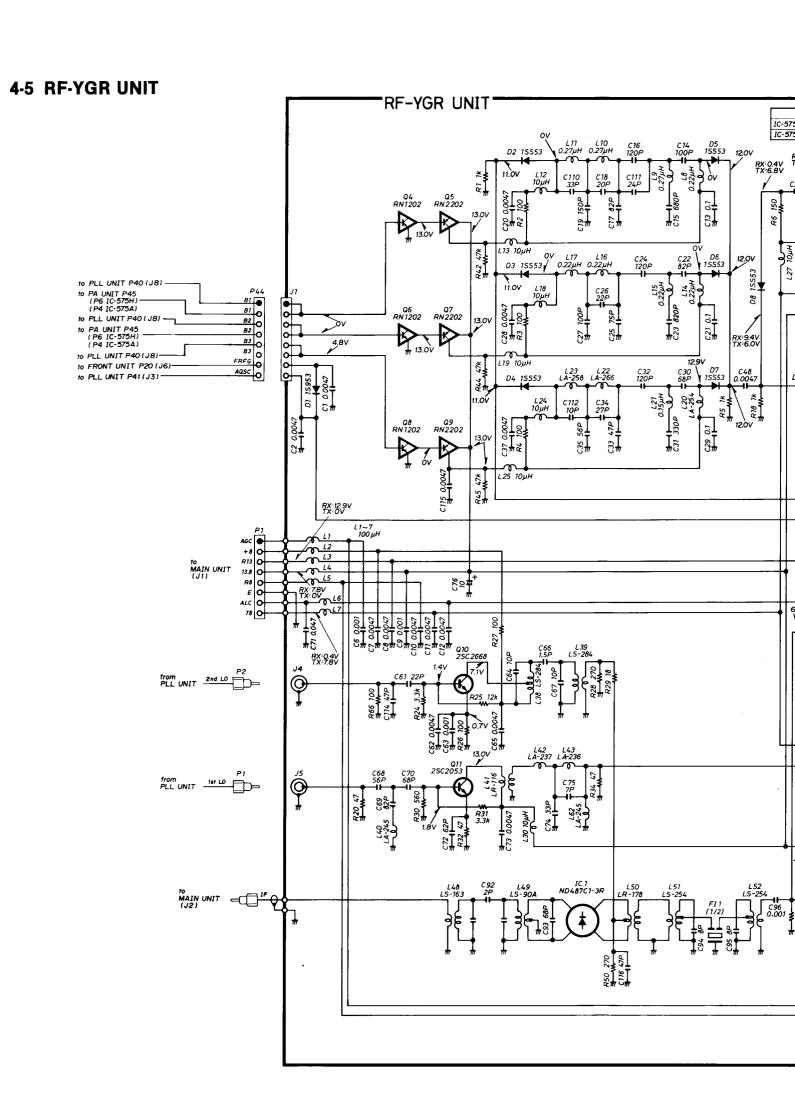


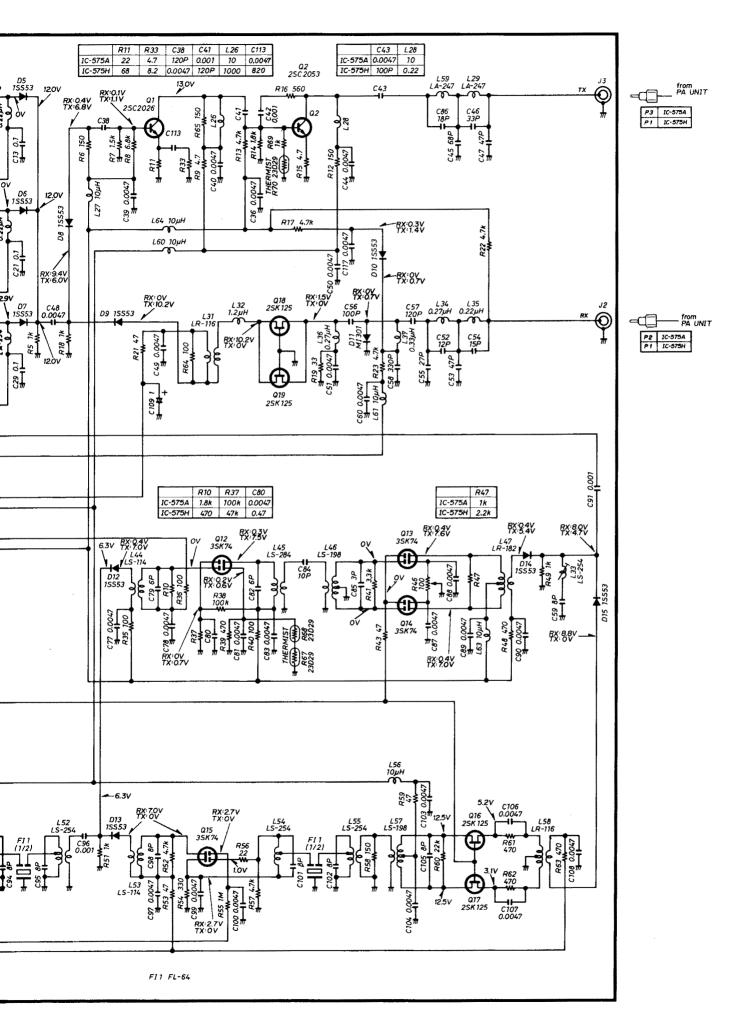
4-4 MAIN AND SQUELCH UNITS



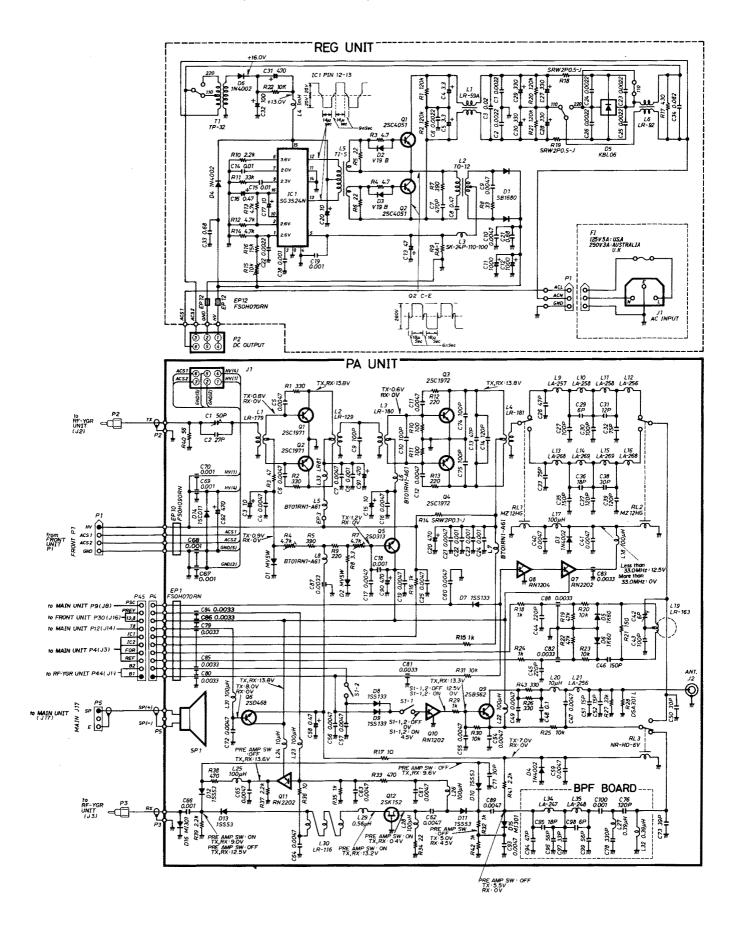




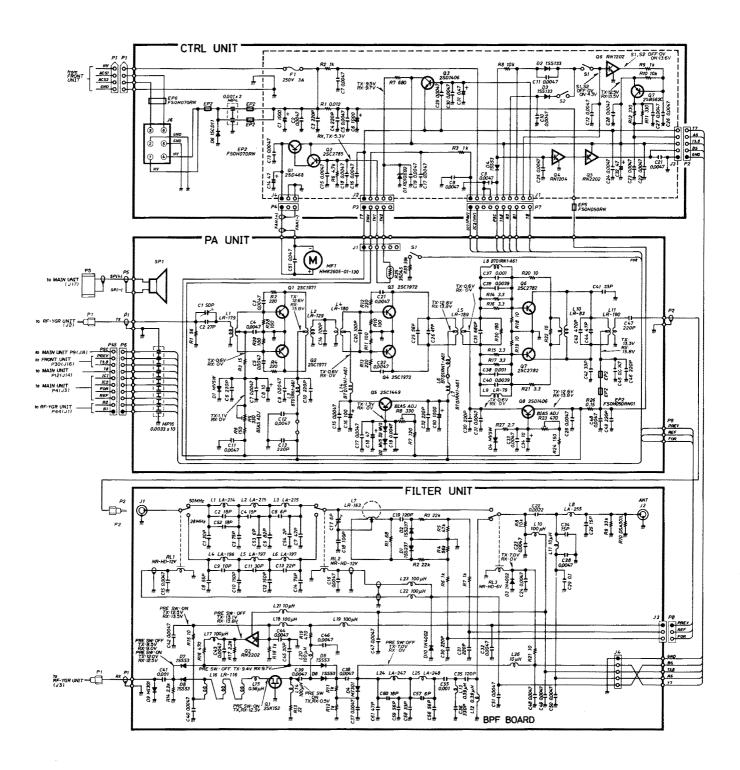




4-6 REG AND PA UNITS (IC-575A ONLY)



4-7 CTRL, PA AND FILTER UNITS (IC-575H ONLY)



SECTION 5 PARTS LIST

[EF PARTS]

REF. NO.	DESCRIPTION	PART NO.
P1	Connector	EHR-12
P2	Connector	EHR-06
P3	Connector	EHR-05
P4	Connector	EHR-07
P5	Connector	EHR-04
P6	Connector	EHR-05
P7	Connector	EHR-04
P8	Connector	EHR-03
P9	Connector	EHR-13
P11	Connector	EHR-09
P12	Connector	EHR-11
P13	Connector	EHR-09
P14	Connector	EHR-03
P15	Connector	EHR-03
P16	Connector	EHR-03
P17	Connector	EHR-03
P18	Connector	EHR-07
P19	Connector	EHR-04
P20	Connector	EHR-07
P21	Connector	EHR-07
P22	Connector	EHR-12
P23	Connector	EHR-08
P24	Connector	EHR-06
P25	Connector	EHR-06
P26	Connector	EHR-06
P27	Connector	EHR-05
P28	Connector	EHR-03
P29	Connector	EHR-04
P30	Connector	EHR-10
P31	Connector	EHR-03
P32	Connector	EHR-03
P33	Connector	EHR-06
P34	Connector	EHR-10
P36	Connector	EHR-07
P37	Connector	EHR-08
P38	Connector	EHR-08
P39	Connector	EHR-06
P40	Connector	EHR-03
P41	Connector	EHR-09
P42	Connector	EHR-08
P43	Connector	EHR-05
P44	Connector	EHR-04
P45	Connector	SMP-10V-B
P46	Connector	EHR-06
P47	Connector	EHR-05

[FRONT UNIT]

REF. NO.	DESCRIPTION	PART NO.	
IC1 IC2	IC IC	μΡD4066BC μΡD4011BC	
IC3	IC Transistor	HD61602 2SB562	
Q2	Transistor	2SC2785 EF -	
Q3	Transistor	2SC2785 EF	
Q4	Transistor	2SC2785 EF	
Q5	Transistor	2SA1048 Y	
Q6	Transistor	2SC2785 EF	
Q7	Transistor	2SA1048 Y	
Q8	Transistor	2SC2785 EF	

[FRONT UNIT]

	T		
REF. NO.	DESCRIPTION	PART NO.	
Q10	Transistor	RN1204	
Q11	Transistor	2SC2785 EF	
D1	Diode	1SS53	
D2	Diode	18853	
D3 D4	Zener Diode	RD8.2E B2 1SS53	
D5	Diode	1SS53	
D6	Diode	18853	
D7 D8	Diode Diode	1\$\$53 1\$\$53	
D9	Diode	1\$\$53	
D10	Diode	18853	
D11 D12	Diode Diode	1SS53 1SS53	
D13	Diode	1SS53	
D14	Diode	18853	
D15 D17	Diode Diode	1SS53 1SS53	
D18	Diode	1\$\$53	
D19	Diode	18853	
D20 D21	Diode Diode	1SS53 1SS53	
D23	Diode	1SS53	
D24	Diode	1SS53	
D26 D28	Diode Diode	1\$\$53 1\$\$53	
D29	Diode	1SS53	
D32	Diode	18853	
D33 D34	Diode Diode	19953 199133	
D35	Diode	1SS133	
D36	Diode	1SS53	
D37 D39	Diode Diode	1\$\$53 1\$\$53	
D40	Diode	1SS53	
D41	Diode	1SS53	
D42 D43	Diode Diode	1\$\$53 1\$\$53	
D44	Diode	1SS53	
D46 D47	Diode	1SS53 1SS216	
047	Diode	133216	
L1 L2	Coil	BT01RN1-A61 BT01RN1-A61	
	- 7		
D4	Docintor	47 kΩ R20	
R1 R2	Resistor Resistor	47 KΩ R20	
R3	Resistor	100 Ω R50X	
R4 R5	Resistor Resistor	100 Ω R50X 5.6 kΩ ELR20	
R6	Resistor	1 kΩ R20	
R7	Resistor	1 kΩ ELR20	
R9 R10	Variable Resistor Resistor	10 kΩ B RK0971110 1 kΩ R20	
R11	Variable Resistor		
R12	Resistor	220 kΩ R20	
R13 R14	Variable Resistor Resistor	10 kΩ B/1 kΩ B RK097121T004 10 kΩ R20	4A
R15	Resistor	3.3 kΩ R20	
R16	Variable Resistor		
R17	Variable Resistor	10 kΩ B×2/10 kΩ A RK1242320009A	
R18	Trimmer	4.7 kΩ RH0651CS3J2KA	
R19 R20	Resistor Variable Resistor	470 Ω R20 10 kΩ A RK097111T004A	l
1100	- without a 10010101	TO THE PROPERTY OF THE PARTY OF	

[FRONT UNIT]

[FRONT UNIT]

REF. NO.	DESCRIPTION	PART	NO.
R21	Variable Resistor		RK097111T003A
R22	Resistor	47 kΩ	R20
R23	Variable Resistor Resistor	10 kΩ B 100 Ω	RK097111T005A ELR20
R24 R25	Resistor	100 Ω	ELR20
R26	Resistor	330 kΩ	R20
R27	Resistor	10 kΩ	R20
R28	Resistor	10 kΩ	R20
R29	Resistor	47 kΩ	R20
R30 R31	Resistor Resistor	2.2 kΩ 4.7 kΩ	R20 R20
R32	Resistor	47 kΩ	R20
R33	Resistor	47 kΩ	R20
R34	Resistor	47 kΩ	R20
R35	Resistor	100 kΩ	ELR20
R36 R37	Resistor Resistor	120 kΩ 560 kΩ	ELR20 ELR20
R38	Resistor	2.2 ΜΩ	ELR20
R39	Resistor	100 kΩ	ELR20
R40	Resistor	120 kΩ	ELR20
R41	Resistor	560 kΩ	ELR20
R42 R43	Resistor Resistor	2.2 MΩ 1 kΩ	ELR20 R20
R44	Resistor	1 kΩ	R20
R45	Resistor	47 kΩ	ELR20
R46	Resistor	47 kΩ	ELR20
R47	Resistor	47 kΩ	ELR20
R49 R50	Resistor Resistor	47 kΩ 4.7 kΩ	ELR20 R20
nou	Resistor	4.1 K22	1120
	0	0.001E	50 V
C1 C2	Ceramic Ceramic	0.001 μF 0.001 μF	50 V
C3	Ceramic	0.001 μF	50 V
C4	Ceramic	0.001 μF	50 V
C5	Ceramic	0.001 μF	50 V
C6	Ceramic	0.001 μF 0.001 μF	50 V 50 V
C7 C8	Ceramic Electrolytic	0.001 μF 2.2 μF	50 V MS5
C9	Ceramic	0.001 μF	50 V
C10	Ceramic	0.001 μF	50 V
C11	Barrier Layer	0.01 μF	25 V 50 V
C12 C13	Ceramic Tantalum	0.0047 μF 1 μF	35 V DN
C14	Tantalum	1 μF	35 V DN
C15	Tantalum	0.68 μF	35 V DN
C16	Ceramic	0.0047 μF	
C17	Cylinder Ceramic	0.001 μF 0.0047 μF	μΡ050B 102K-NA 50 V
	· -····· -	· · · · ·	
J1	Connector	B03B-EH-9	S
J2	Connector	B03B-EH-9	
J3	Connector	B03B-EH-9	_
J4 15	Connector Connector	B07B-EH-S B04B-EH-S	
J5 J6	Connector	S07B-EH-S	
J7	Connector	S07B-EH-S	
J8	Connector	B13B-EH-9	
J9	Connector	B08B-EH-9	
J10 J11	Connector Connector	B06B-EH-S	
J12	Connector	B06B-EH-S	
J13	Connector	B05B-EH-9	
J14	Connector	BO3B-EH-S	
J15 J16	Connector Connector	B04B-EH-S B10B-EH-S	
J17	Connector	B03B-EH-	
J18	Connector	HLJ4815-0	
J19	Connector	FM214-8S	S (P)
P1	Connector	1490P-1	
	<u> </u>		

DS1 LC DS2 LEI DS3 LE DS4 Lar DS5 Lar DS6 Lar DS7 Lar	D D mp mp mp	LP246CH-A SLP-175B-50 SLP-275B-50 HRS-7219A-Y2 30 HRS-7219A-Y2 30 HRS-7219A-Y2 30
DS2 LEI DS3 LEI DS4 Lai DS5 Lai DS6 Lai	D D mp mp mp	SLP-175B-50 SLP-275B-50 HRS-7219A-Y2 30 HRS-7219A-Y2 30
DS4 Lar DS5 Lar DS6 Lar	mp mp mp	HRS-7219A-Y2 30 HRS-7219A-Y2 30
DS5 Lar	mp mp	HRS-7219A-Y2 30
DS6 Lar	mp	
	•	HDS-7910A-V9 30 I
DS7 Lai	mp	
		HRS-7219A-Y2 30
ME1 Me	ter	M504
64 64	itch	SPPH23079A (S+RF/C+ALC)
	itch	SDDSA3159A (POWER)
- 1	itch	SPPH23079A (NOTCH)
	itch	SPPH23079A (XMIT)
	itch	SPPH23079A (NB)
	itch	SPPH23079A (PREAMP)
**	itch	SPPH23079A (COMP)
	itch	SPPH23079A (AGC)
	itch	SPPH23078A (BAND)
	itch	SPPH15060A (VFO)
•	itch	SPPH23078A (MEMO)
	itch	SPPH23078A (A=B)
	itch	SPPH23078A (MW)
T	itch	SPPH23078A (M ► VFO)
	itch	SPPH23078A (M-CL)
	ritch	SPPH23078A (SPLIT)
	itch	SPPH23078A (RIT ON/OFF)
	itch	SPPH23078A (RIT-CL)
	ritch	SPPH23078A (SCAN)
S21 Sw	itch	SPPH23078A (SKIP)
S22 Sw	itch	SPPH15060A (CHECK)
S23 Sw	ritch	SPPH23078A (SPCH)
S24 Sw	itch	SPPH15060A (T-SQL)
S25 Sw	ritch	SRBM1L011A (MEMO CH)
S26 Sw	itch	SPPH23078A (CW/N)
S27 Sw	ritch	SPPH23078A (FM)
S28 Sw	ritch	SPPH23078A (SSB)
S29 Sw	ritch	SPPH23078A (AM)
S30 Sw	ritch	SPPH23078A (DATA)
S31 Sw	ritch	SPPH15060A (SET)
	itch	SPPH15060A (DUP)
	itch	SPPH15060A (TONE)
	itch	SPPH23079A (LOCK)
100	itch	SPPH23079A (MODE-S)
	ritch	SPPH15061A (MHz)
	ritch	SPPH15061A (TS)
S38 Ro	tary Switch	EC24B50B0002A (RIT)
ED4 D	Posed	D.1189D /EDANT
	C. Board	B-1188D (FRONT) B-1189A (SW-A)
	C. Board C. Board	B-1189A (SW-A) B-1190 (SW-B)
i	C. Board	B-1031A (MIC)
	C. Board	B-1227B (VR-A)
	C. Board	B-1227B (VR-A) B-1245A (VR-B)
W6 Jui	mper	JPW-02A
	mper	JPW-02A
W8 Jui	mper	JPW-02A
	mper	JPW-02A
W10 Jui	mper	JPW-02A

[SENSOR UNIT]

REF. NO.	DESCRIPTION	PART NO.
Q1	Photo	IS-433
Q2	Photo	IS-433
Q3	Transistor	RN1204
Q4	Transistor	RN1204
R1	Resistor	220 Ω ELR20
C1	Barrier Layer	0.01 μF 25 V UAT06W 103K
P1	Connector	EHR-06
DS1	LED	GL-430
DS2	LED	GL-430
EP1	P.C. Board	B-1016C
i i		

[LOGIC UNIT]

REF. NO.	DESCRIPTION	PART NO.
IC1	IC	μPD71055C
IC2	IC	HM6116LP3L
IC3	IC	SC-1089
IC4	IC	HD64B180ROP
IC5	IC .	TC74HC244P
IC6	IC	TC74HC244P
IC7	l IC	TC4510BP
IC8	l IC	S-7116A
IC9	IC .	μPD4094BC
IC10	IC .	TA78L005AP
IC11	IC	TC74HC32P
IC12	IC	TC74HC32P
IC13	IC	TC74HC00P
IC14	IC	μPD4001BC
IC15	IC	μPD4011BC
IC16	IC	μPD4011BC
IC17	IC .	TC74HC04P
IC18	IC	μPD4011BC
IC19	IC	μPD4001BC
Ì		
Q1	Transistor	2SC2785 EF
Q2	Transistor	2SC2785 EF
Q3	Transistor	2SC2785 EF
Q4	Transistor	2SC2785 EF
Q5	Transistor	2SC2785 EF
Q6	Transistor	2SC2785 EF
Q7	Transistor	2SC2785 EF
Q8	Transistor	RN1204
D1	Diode	1SS53
D2	Diode	18953
D3	Diode	18953
D4	Diode	18953
D5	Zener	RD5.1E B2
D6	Zener	RD3.0E B2
D7	Diode	1SS53
D8	Diode	1SS53
D9	Diode	1SS53
D10	Diode	1SS53
D11	Diode	1SS53
D12	Diode	1SS53

[LOGIC UNIT]

REF. NO.	DESCRIPTION	PART NO.
D13	Diode	1SS53
D14	Diode	1\$\$53
D15	Diode	1SS53
D16 D17	Diode Diode	19853 19853
D17	Diode	1SS53
D19	Diode	18853
D26	Diode	1SS53
D27	Diode	1SS53
D30 D31	Diode Diode	1SS53 1SS53
D32	Diode	1SS53
D33	Diode	18853
D34	Diode	1\$\$53
D35 D36	Diode Diode	1SS53 1SS53
D37	Diode	1SS53
D38	Diode	1SS53
D39	Diode	188133
D40	Diode	1SS133
D41 D42	Diode Diode	1SS133 1SS53
U42	Diode	,
X1 X2	Crystal Crystal	RF-4A3 FAA RF-4A3 FAF (9.2708 MHz)
L1	Coil	LAL03NA 100K 10µ
<u>1.2</u>	Coil	LAL03NA 100K 10μ
L3	Coil	LAL03NA 100K 10µ
L4 L5	Coll Coil	LAL03NA 100K 10µ LAL03NA 100K 10µ
L6	Coil	LAL03NA 100K 10µ
L7	Coll	LAL03NA 100K 10µ
L8	Coil	LAL03NA 100K 10µ
L9	Coil	LALO3NA 100K 10µ
L10 L11	Coil Coil	LAL03NA 100K 10µ LAL03NA 100K 10µ
L12	Coil	LAL03NA 100K 10µ
R1	Resistor	47 kΩ R20
R2	Resistor	100 Ω ELR20
R3	Resistor	47 kΩ ELR20
R4	Resistor	2.2 kΩ ELR20 5.6 kΩ ELR20
R5 R6	Resistor Resistor	5.6 kΩ ELR20 2.7 kΩ ELR20
R7	Resistor	2.7 kΩ ELR20
R8	Resistor	1 MΩ ELR20
R9	Resistor	10 kΩ ELR20
R10 R11	Resistor Resistor	5.6 kΩ ELR20 1 kΩ R20
R12	Resistor	10 kΩ R20
R13	Resistor	4.7 kΩ R20
R14	Resistor	1.5 kΩ R20
R15 R16	Resistor Resistor	270 Ω R20 47 kΩ R20
R17	Resistor	100 kΩ ELR20
R18	Resistor	1 MΩ R20
R19	Resistor	1 MΩ ELR20
R20 R21	Resistor Resistor	100 kΩ ELR20 47 kΩ R20
R22	Resistor	47 kΩ ELR20
R23	Resistor	10 kΩ R20
R24	Resistor	47 kΩ ELR20
R25 R26	Resistor Resistor	47 kΩ ELR20 47 kΩ R20
R27	Resistor	47 KΩ R20 10 kΩ R20
R28	Resistor	3.3 ΜΩ R25
R29	Resistor	10 kΩ R20
R30	Resistor	10 kΩ ELR20 47 kΩ R20
R31 R32	Resistor Resistor	47 kΩ R20
R33	Resistor	47 kΩ R20
L		

[LOGIC UNIT]

REF. NO.	DESCRIPTION	PART NO.
R34	Resistor	47 kΩ R20
R35	Resistor	47 kΩ R20
R36	Resistor	47 kΩ R20 47 kΩ R20
R37 R38	Resistor Resistor	47 kΩ R20 47 kΩ R20
R39	Resistor	47 kΩ R20
R40	Resistor	47 kΩ ELR20
R41	Resistor	47 kΩ ELR20
R42	Resistor	47 kΩ ELR20
R43 R44	Resistor Array	47 kΩ R20 10 kΩ RMX-8
R46	Resistor	10 kΩ ELR20
R47	Resistor	22 Ω R50X
R48	Resistor	47 kΩ ELR20
R49	Array	10 kΩ RMX-8
R50	Resistor	47 kΩ ELR20
C1	Electrolytic	0.33 μF 50 V MS7
C2 C3	Barrier Layer Barrier Layer	0.1 μF 16 V 0.1 μF 16 V
C4	Ceramic	0.1 μF 16 V 22 pF 50 V
C5	Ceramic	22 pF 50 V
C6	Barrier Layer	0.0047 μF 25 V
C7	Barrier Layer	0.0047 μF 25 V
C8 C9	Barrier Layer Ceramic	0.0047 μF 25 V 0.001 μF 50 V
C10	Ceramic	47 pF 50 V
C11	Barrier Layer	0.01 μF 25 V
C12	Electrolytic	0.47 μF 50 V MS7
C13	Barrier Layer	0.01 μF 25 V
C14 C15	Ceramic Ceramic	30 pF 50 V 30 pF 50 V
C15	Ceramic	0.001 μF 50 V
C17	Ceramic	0.001 μF 50 V
C18	Ceramic	100 pF 50 V
C19	Ceramic	0.001 μF 50 V
C20 C21	Ceramic Ceramic	0.001 μF 50 V 0.001 μF 50 V
C22	Ceramic	0.001 μF 50 V
C23	Ceramic	100 pF 50 V
C24	Electrolytic	0.47 μF 50 V MS7
C25	Electrolytic	47 μF 16 V MS7 0.01 μF 25 V
C26 C27	Barrier Layer Ceramic	0.01 μF 25 V DD106 F 103Z 50 V
C28	Cylinder	0.01 μF TP125X 103M
C29	Barrier Layer	0.01 μF 25 V
C30	Barrier Layer	0.01 μF 25 V
C31 C32	Ceramic Ceramic	DD106 F 103Z 50 V DD106 F 103Z 50 V
C33	Barrier Layer	0.01 μF 25 V
C34	Tantalum	1 μF 16 V DA
C35	Ceramic	DD106 F 103Z 50 V
C37	Tantalum	1 μF 16 V DA
C38 C39	Tantalum Tantalum	1 μF 16 V DA 1 μF 16 V DA
C40	Ceramic	DD106 F 103Z 50 V
C41	Ceramic	DD106 F 103Z 50 V
C42	Barrier Layer	0.01 μF 25 V
C43	Ceramic Barrier Layer	0.001 μF 50 V 0.01 μF 25 V
C44 C45	Barrier Layer Barrier Layer	0.01 μF 25 V 0.01 μF 25 V
C46	Ceramic	470 pF 50 V
C47	Ceramic	470 pF 50 V
J1	Connector	B03B-EH-S
J2	Connector	B06B-EH-S
J3	Connector	B10B-EH-S
J4 J5	Connector Connector	B12B-EH-S TLB-P05H-B1
J5 J6	Connector	TLB-P02H-B1
J7	Connector	B07B-EH-S
J8	Connector	B08B-EH-S
J9	Connector	B08B-EH-S

[LOGIC UNIT]

REF. NO.	DESCRIPTION	PART NO.
J10	Connector	B06B-EH-S
J11	Connector	B06B-EH-S
P1	Connector	EHR-03
P2	Connector	EHR-05
S1	Switch	SSSS31124A
S3	Switch	SCS-10A
BT1	Lithium Battery	BR2032-1T2
EP1	P.C. Board	B-1626B
EP2	Ferrite Bead	FSQH070RN
W3	Jumper	JPW-02A
W4	Jumper	JPW-02A

REF. NO.	DESCRIPTION	PART NO.
IC1	IC	SN74S112NS
IC2	l ic	NJM4560DD
IC3	IC	MC145158P1
IC4	IC .	SN74S10NS
IC5	IC .	ND487C1-3R
IC6	IC .	HD10551
IC7	IC	SN74LS90N
IC8	IC	μΑ78M08UC
IC9	IC	TA78L005AP
Q1	FET	2SK192A GR
Q2	FET	2SK192A GR
Q3	FET	2SK192A GR
Q4	Transistor	2SC2668 O
Q5	Transistor	2SC2026
Q6	FET	2SK125
Q7	Transistor	2SC3355
Q9	Transistor	2SC2026
Q10	FET	2SK192A GR
Q11	Transistor	2SC2668 O
Q12	Transistor	2SC2668 O
Q13	Transistor	2SC763 C
Q14	FET	3SK74 M
Q15	Transistor	2SC2668 O
Q16	Transistor	2SC2668 O
Q17	Transistor	2SC2668 O
Q18	Transistor	2SC763 C
Q19	Transistor	RN1202
Q20	Transistor	RN1202
Q21	Transistor	RN1202
Q22	Transistor	RN1202
Q23	Transistor	RN2204
D4	Marian	10\/505 /1\
D1	Varicap	1SV50E (1)
D2	Varicap	1SV50E (1) 1SV50E (1)
D3	Varicap	RD5.1E B2
D4	Zener	
D5 De	Varicap Diode	FC52M 1SS53
D6 D7	Diode Diode	15553 1SS53
יט	Diode	1000

[PLL UNIT]

REF. NO.	DESCRIPTION	PART NO.
D8	Diode	1\$\$53
D9	Diode	18853
D10	Zener	RD5.1E B2
D11	Varicap	1SV50E (1)
X1	Crystal	CR21
L1	Coil	LR-79
L2	Coil	LR-79
L3 L4	Coil	LR-79 LB-135
L5	Coll Coll	LB-135
L6	Coll	LB-215
L7 L8	Coll Coll	LW-25 LW-25
L9	Coil	LW-25
L10	Coil	LR-192
L11	Coil	LAL03NA 100K 10μ
L12 L13	Coil Coil	LW-25 LA-235
L14	Coil	LA-243
L15 L16	Coll Coll	LA-235 LA-234
L17	Coil	LA-235
L18	Coil	LA-244
L19 L20	Coil Coil	LAL02KR 101K 100μ LA-235
L21	Coil	LA-236
L22	Coil	LR-116
L23 L24	Coil Coil	LR-116 LA-247
L25	Coil	LA-248
L26	Coil	LAL03NA 1R0M 1µ
L27 L28	Coil Coil	LAL03NA 1R0M 1µ LA-247
L29	Coil	LA-247
L30	Coil	LA-247
L31 L32	Coil Coil	LA-237 LAL03NA 101K 100µ
L33	Coil	LAL03NA 101K 100μ
L34 L35	Coil Coil	BT01RN1-A61 LAL04NA 100K 10µ
L35	Coil	LAL03NA 390K 39µ
L37	Coil	LAL03NA 390K 39µ
L38 L39	Coil Coil	LR-79 LAL03NA 100K 10µ
L40	Coil	LB-135
L41	Coll	LW-25 LAL02KR 100K 10u
L42 L43	Coll Coil	LAL02KH 100K 10μ LAL03NA 100K 10μ
L44	Coil	LS-112
L45 L46	Coil Coil	LS-112 LAL03NA 100K 10µ
L47	Coil	LAL02KR 100K 10µ
L48	Coil	LAL03NA 100K 10μ
L49 L50	Coll Coll	LAL03NA 100K 10μ LAL03NA 101K 100μ
L51	Coil	LAL03NA 101K 100μ
L52 L53	Coil Coil	LALO3NA 1ROM 1µ LALO3NA 1ROM 1µ
L53 L54	Coil	LS-114
L55	Coil	LS-114
L56 L58	Coil Coil	LS-114 LAL03NA 100K 10µ
L59	Coil	LAL03NA 100K 10µ
L60	Coil	LAL03NA R39M 0.39µ
L61 L62	Coil Coil	LAL03NA R39M 0.39μ LS-114
L63	Coil	LS-114
L64 L65	Coil Coil	LS-114 LAL03NA 100K 10μ
L66	Coil	BT01RN1-A61
L67	Coil	LW-19

REF. NO.	DESCRIPTION	PART NO.	
L68	Coil	LAL03NA 100K 10μ	
L69	Coil	LAL04NA 101K 100μ	
L70 L71	Coil Coil	LAL03NA 100K 10μ BT01RN1-A61	
L72	Coil	BT01RN1-A61	
L73	Coll	BT01RN1-A61	
L74	Coil	BT01RN1-A61	
L75 L76	Coil Coil	BT01RN1-A61 BT01RN1-A61	
L77	Coil	BT01RN1-A61	
L78	Coil	BT01RN1-A61	
L79	Coil	BT01RN1-A61	
L80 L81	Coil Coil	BT01RN1-A61 LAL04NA R68M 0.68µ	
L82	Coil	BT01RN1-A61	
L83	Coll	BT01RN1-A61	
L84 L85	Coil Coil	LAL04NA R68M 0.68µ BT01RN1-A61	_
L86	Coil	BT01RN1-A61	
L87	Coil	BT01RN1-A61	
L88	Coil	BT01RN1-A61	
L89 L90	Coil Coil	BT01RN1-A61 LAL03NA 101K 100u	
L91	Coil	LS-94	
R1	Resistor	100 kΩ ELR20	
R2 R3	Resistor Resistor	100 kΩ ELR20 100 Ω R20	
R4	Resistor	100 kΩ ELR20	
R5	Resistor	100 kΩ ELR20	
R6	Resistor	100 Ω R20	
R7 R8	Resistor Resistor	100 kΩ ELR20 100 kΩ ELR20	
R9	Resistor	100 Ω R20	
R10	Resistor	5.6 kΩ R20	
R11	Resistor	1.2 kΩ ELR20	
R12 R13	Resistor Resistor	150 Ω ELR20 47 Ω ELR20	
R14	Resistor	100 Ω ELR20	
R15	Resistor	4.7 kΩ ELR20	
R16 R17	Resistor Resistor	680 Ω ELR20 47 Ω R20	
R18	Resistor	220 Ω ELR20	
R19	Resistor	47 Ω ELR20	
R20	Resistor	270 Ω ELR20	
R21 R22	Resistor Resistor	18 Ω R20 270 Ω ELR20	
R23	Resistor	18 Ω R20	
R24	Resistor	270 Ω ELR20	
R25	Resistor	270 Ω ELR20 18 Ω R20	
R26 R27	Resistor Resistor	270 Ω ELR20	
R28	Resistor	270 Ω ELR20	
R29	Resistor	4.7 kΩ R20 1.5 kΩ R20	
R30 R31	Resistor Resistor	1.5 KΩ H2U 560 Ω ELR20	
R32	Resistor	8.2 Ω ELR20	
R33	Resistor	47 Ω R20	
R34 R35	Resistor Resistor	470 Ω ELR20 15 kΩ R20	
R36	Resistor	1 kΩ R20	
R37	Resistor	3.9 kΩ ELR20	
R38	Resistor	3.9 kΩ R20	
R39 R40	Resistor Resistor	3.9 kΩ ELR20 3.9 kΩ R20	
R41	Resistor	820 Ω ELR20	ļ
R42	Resistor	1 kΩ ELR20	
R43 R44	Resistor Resistor	680 Ω R20 10 kΩ ELR20	
R45	Resistor	10 kΩ ELR20	
R46	Resistor	10 kΩ ELR20	
R47 R48	Resistor	3.9 kΩ R20 100 kΩ ELR20	
R49	Resistor Resistor	100 kΩ ELR20	

REF. NO.	DESCRIPTION	PART	NO.
R50	Resistor	150 Ω	ELR20
R51	Resistor	5.6 kΩ	ELR20
R52	Resistor	1.2 kΩ	ELR20 ELR20
R53 R54	Resistor Resistor	150 Ω 56 Ω	ELR20
R55	Resistor	220 Ω	ELR20
R56	Resistor	10 kΩ	ELR20
R57	Resistor	22 kΩ	ELR20
R58	Resistor	560 Ω	ELR20
R59	Resistor Resistor	47 kΩ 1 kΩ	ELR20 ELR20
R60 R61	Resistor	1 κι <i>Σ</i> 15 kΩ	ELR20
R62	Thermistor	33D28	EE. W.O
R63	Resistor	1 kΩ	ELR20
R64	Resistor	270 Ω	ELR20
R65	Resistor Resistor	1 kΩ 1 kΩ	ELR20 ELR20
R66 R67	Resistor	1 kΩ	ELR20
R68	Resistor	4.7 kΩ	ELR20
R69	Resistor	22 kΩ	R20
R70	Resistor	150 Ω	ELR20
R71	Resistor	100 Ω	ELR20
R72 R73	Resistor Resistor	1.2 kΩ 18 Ω	ELR20 R20
R74	Resistor	270 Ω	ELR20
R75	Resistor	270 Ω	ELR20
R76	Resistor	220 Ω	ELR20
R77	Resistor	100 Ω	R20
R78	Resistor Resistor	22 kΩ 10 kΩ	ELR20 R20
R79 R80	Resistor	100 Ω	R20
R81	Resistor	47 Ω	ELR20
R82	Resistor	470 Ω	ELR20
R83	Resistor	4.7 kΩ	R20
R84	Resistor	10 kΩ 220 Ω	ELR20 ELR20
R85 R86	Resistor Resistor	47 Ω	ELR20
R87	Resistor	47 Ω	R20
R88	Resistor	15 kΩ	ELR20
R89	Resistor	1 kΩ	ELR20
R90	Resistor	1 kΩ	ELR20
R91 R92	Resistor Resistor	1 kΩ 270 Ω	ELR20 ELR20
R93	Resistor	18 Ω	ELR20
R94	Resistor	270 Ω	ELR20
R95	Resistor	100 Ω	R20
R96	Resistor	10 kΩ	R20
R97 R98	Resistor Resistor	100 Ω 1 kΩ	ELR20 MCR10
R99	Resistor	270 Ω	MCR10
R100	Resistor	56 Ω	MCR10
ļ			
C1	Barrier I aver	0.047 µF	25 V
C2	Barrier Layer Barrier Layer	0.047 μF 0.047 μF	25 V 25 V
C3	Barrier Layer	0.047 μF	25 V
C4	Ceramic	56 pF	50 V PH
C5	Ceramic	5 pF	50 V CH
C6 C7	Trimmer Ceramic	6 pF 39 pF	CV38B0601 50 V CH
C7 C8	Ceramic Ceramic	39 pr 4 pF	50 V CH
C9	Ceramic	3 pF	50 V CJ
C10	Ceramic	0.0047 μF	
C11	Ceramic	1 pF	50 V CK
C12	Ceramic	4 pF	50 V CH CV38B0601
C13 C14	Trimmer Ceramic	6 pF 68 pF	50 V CH
C15	Ceramic	4 pF	50 V CH
C16	Ceramic	4 pF	50 V CH
C17	Ceramic	0.0047 μF	50 V
C18	Ceramic	1 pF	50 V CK
C19 C20	Ceramic Ceramic	0.001 µF 0.001 µF	50 V 50 V
	J0141110		1
C21	Ceramic	47 pF	50 V PH

REF. NO.	DESCRIPTION	PART	NO.
C23	Trimmer	6 pF	CV38B0601
C24	Ceramic	47 pF	50 V CH
C25 C26	Ceramic Ceramic	3 pF 3 pF	50 V CJ 50 V CJ
C27	Ceramic	0.0047 μF	
C28	Ceramic	1 pF	50 V CK
C29	Ceramic	0.001 μF	50 V
C30	Barrier Layer	0.0047 μF	
C31	Cylinder	5.6 pF	UP125SL 5R6K-NA 25 V
C32 C33	Barrier Layer Cylinder	0.0047 μF 0.001 μF	UP050B 102K-NA
C34	Ceramic	36 pF	50 V
C35	Ceramic	75 pF	50 V
C36	Ceramic	10 pF	50 V
C37	Ceramic	56 pF 36 pF	50 V 50 V
C38 C39	Ceramic Ceramic	4 pF	50 V
C40	Ceramic	33 pF	50 V
C41	Ceramic	120 pF	50 V
C42	Ceramic	27 pF	50 V
C43	Ceramic	150 pF	50 V 50 V
C44 C45	Ceramic Ceramic	47 pF 22 pF	50 V
C46	Barrier Layer	0.0047 μF	
C47	Ceramic	220 pF	50 V
C48	Cylinder	0.001 μF	UP050B 102K-NA
C49	Ceramic	22 pF 10 pF	50 V 50 V
C50 C51	Ceramic Ceramic	43 pF	50 V
C52	Ceramic	4 pF	50 V
C53	Ceramic	27 pF	50 V
C54	Ceramic	51 pF	50 V
C55	Ceramic	24 pF 100 pF	50 V 50 V
C56 C57	Ceramic Ceramic	9 pF	50 V
C58	Ceramic	62 pF	50 V
C59	Cylinder	390 pF	UP050B 391K-NA
C60	Ceramic	0.001 μF	50 V
C61 C62	Ceramic Cylinder	200 pF 0.0022 μF	50 V EP050X 222M-NA
C63	Cylinder	330 pF	UP050B 331K-NA
C64	Barrier Layer	0.047 μF	25 V
C65	Barrier Layer	0.047 μF	25 V
C66	Ceramic Ceramic	62 pF 120 pF	50 V 50 V
C67 C68	Ceramic	120 pF	50 V
C69	Ceramic	100 pF	50 V
C70	Ceramic	43 pF	50 V
C71	Ceramic	39 pF	50 V
C72 C73	Cylinder Ceramic	0.001 μF 100 pF	UP050B 102K-NA 50 V
C74	Ceramic	0.001 uF	50 V
C75	Barrier Layer	0.1 μF	16 V
C76	Electrolytic	. 10 μF	16 V MS7
C77 C78	Barrier Layer Electrolytic	0.0047 μF 47 μF	25 V 16 V SS
C79	Barrier Layer	0.1 μF	16 V
C80	Barrier Layer	0.01 µF	25 V
C81	Ceramic	100 pF	50 V
C82	Ceramic	0.001 μF	50 V 50 V
C83 C84	Ceramic Electrolytic	0.001 μF 0.47 μF	50 V BP
C85	Tantalum	1 μF	35 V DN
C86	Tantalum	1 μF	35 V DN
C87	Electrolytic	47 μF	16 V SS
C88 C89	Ceramic Ceramic	0.0047 μF 0.0047 μF	50 V 50 V
C89	Tantalum	0.0047 μF 0.1 μF	35 V DN
C91	Ceramic	10 pF	50 V PH
C92	Ceramic	33 pF	50 V CH
C93	Trimmer	6 pF	CV05A0601
C94 C95	Ceramic Ceramic	47 pF 22 pF	50 V CH 50 V CH
C96	Ceramic	8 pF	50 V CH
C97	Barrier Layer	0.0047 μF	25 V

[PLL UNIT]

C98	REF. NO.	DESCRIPTION	PART	NO.
C100			•	
C101				
C102			•	
C104 Barrier Layer			•	
C105			•	
C106		•		
C107 Ceramic C22 pF S0 V				·
C109 Barrier Layer 0.0047 µF 25 V C1110 Barrier Layer 0.10 µF 16 V C1112 Barrier Layer 0.1 µF 16 V C113 Ceramic 39 pF 50 V C114 Ceramic 120 pF 50 V C115 Ceramic 39 pF 50 V C116 Cylinder 0.001 µF 16 V C117 Barrier Layer 0.0047 µF 25 V C118 Barrier Layer 0.0047 µF 25 V C119 Barrier Layer 0.0047 µF 25 V C110 Ceramic 0.0047 µF 50 V C120 Ceramic 0.0047 µF 50 V C121 Ceramic 0.0047 µF 50 V C122 Barrier Layer 0.0047 µF 50 V C123 Ceramic 1 pF 50 V C124 Ceramic 1 pF 50 V C125 Ceramic 3 pF 50 V C126 Barrier Layer 0.0047 µF 25 V C127 Ceramic 1 pF 50 V C128 Ceramic 0.0047 µF 25 V C129 Ceramic 0.0047 µF 25 V C129 Ceramic 0.0047 µF 25 V C129 Ceramic 0.0047 µF 25 V C130 Ceramic 1 pF 50 V C131 Ceramic 1 pF 50 V C132 Ceramic 1 pF 50 V C133 Ceramic 1 pF 50 V C131 Ceramic 1 pF 50 V C132 Ceramic 1 pF 50 V C133 Ceramic 1 pF 50 V C134 Barrier Layer 0.0047 µF 25 V C135 Ceramic 1 pF 50 V C136 Ceramic 20 pF 50 V C137 Ceramic 20 pF 50 V C138 Ceramic 20 pF 50 V C139 Ceramic 20 pF 50 V C130 Ceramic 20 pF 50 V C131 Ceramic 20 pF 50 V C132 Ceramic 20 pF 50 V C133 Ceramic 20 pF 50 V C134 Ceramic 20 pF 50 V C140 Ceramic 20 pF 50 V C141 Ceramic 20 pF 50 V C142 Ceramic 20 pF 50 V C143 Ceramic 20 pF 50 V C144 Ceramic 20 pF 50 V C145 Ceramic 20 pF 50 V C146 Ceramic 20 pF 50 V C147 Ceramic 20 pF 50 V C148 Ceramic 20 pF 50 V C149 Ceramic 20 pF 50 V C140 Ceramic 20 pF 50 V C141 Ceramic 20 pF 50 V C142 Ceramic 20 pF 50 V C143 Ceramic 20 pF 50 V C144 Ceramic 20 pF 50 V C145 Ceramic 20 pF 50 V C146 Ceramic 20 pF 50 V C156 Ceramic 20 pF 50 V C157 Ceramic 20 pF 50 V C158 Ceramic			•	
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C1112 Barrier Layer C11 μF 16 V C112 Barrier Layer C1 μF 16 V C113 Ceramic 39 pF 50 V C114 Ceramic 39 pF 50 V C115 Ceramic 39 pF 50 V C116 Cylinder Cyl				
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C116		l .	•	
C117		1	•	
C118 Barrier Layer C119 Barrier Layer C10047 μF 25 V C120 Ceramic A pF 50 V C121 Ceramic A pF 50 V C122 Barrier Layer C123 D7 D7 D7 D7 D7 D7 D7 D		1 -		
C120	C118	Barrier Layer	0.1 μF	16 V
C121				
C122 Barrier Layer C123 Ceramic 6 pF 50 V C124 Ceramic 1 pF 50 V C125 Ceramic 3 pF 50 V C126 Barrier Layer C127 Barrier Layer C128 Ceramic C129 Ceramic Ceramic C130 Ceramic C			•	
C123	- '		•	
C125			6 pF	50 V
C126	_	l <u>-</u> .		
C127 Barrier Layer C1028 Ceramic C1001 μF 50 V			•	
C128				
C130 Ceramic 1 pF 50 V CK C131 Ceramic 8 pF 50 V TH C132 Ceramic 1 pF 50 V CK C133 Ceramic 1 pF 50 V CK C133 Ceramic 8 pF 50 V TH C134 Barrier Layer 0.0047 μF 25 V C135 Ceramic 220 pF 50 V C136 Ceramic 10 pF 50 V C137 Ceramic 10 pF 50 V C138 Ceramic 62 pF 50 V C138 Ceramic 62 pF 50 V C139 Ceramic 120 pF 50 V C140 Ceramic 0.001 μF 50 V C141 Ceramic 0.0047 μF 50 V C141 Ceramic 0.0047 μF 50 V C142 Ceramic 0.0047 μF 50 V C143 Electrolytic 10 μF 16 V MS7 C144 Ceramic 0.001 μF 50 V C145 Ceramic 0.001 μF 50 V C146 Cylinder 5.6 pF UP050SL 5R6K-NA C147 Ceramic 0.5 pF 50 V C148 Ceramic 0.5 pF 50 V C149 Ceramic 0.5 pF 50 V C150 Ceramic 0.5 pF 50 V C151 Ceramic 0.5 pF 50 V C152 Electrolytic 10 μF 16 V MS7 C153 Barrier Layer 0.1 μF 16 V MS7 C154 Barrier Layer 0.0047 μF 25 V C155 Ceramic 68 pF 50 V C156 Ceramic 68 pF 50 V C157 Ceramic 68 pF 50 V C158 Cylinder 0.0047 μF 16 V C159 Electrolytic 17 μF 16 V C159 Electrolytic 18 pF 50 V C150 Ceramic 68 pF 50 V C151 Ceramic 68 pF 50 V C152 Ceramic 68 pF 50 V C153 Ceramic 68 pF 50 V C156 Ceramic 68 pF 50 V C157 Ceramic 68 pF 50 V C158 Cylinder 0.0047 μF 25 V C159 Electrolytic 17 μF 16 V C159 Electrolytic 47 μF 16 V C150 Ceramic 68 pF 50 V C151 Ceramic 68 pF 50 V C151 Ceramic 68 pF 50 V C152 Ceramic 68 pF 50 V C153 Ceramic 68 pF 50 V C154 Barrier Layer 0.0047 μF 25 V C155 Ceramic 68 pF 50 V C156 Ceramic 68 pF 50 V C157 Ceramic 68 pF 50 V C158 Cylinder 0.0047 μF 25 V C169 Electrolytic 10 μF 16 V C160 Ceramic 62 pF 50 V C161 Ceramic 62 pF 50 V C161 Ceramic 62 pF 50 V C162 Ceramic 62 pF 50 V C163 Ceramic 62 pF 50 V C164 Barrier Layer 0.0047 μF 25 V C166 Electrolytic 10 μF 16 V C167 Barrier Layer 0.0047 μF 25 V C168 Electrolytic 10 μF 16 V C169 Ceramic 0.1 μF 16 V C169 Ceramic 0.1 μF 16 V C160 Ceramic 0.1 μF 16 V C161 Ceramic 0.1 μF 16 V C16				
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C133			•	
C135			•	
C136				
C137				
C138			•	
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C170 Electrolytic 10 µF 16 V MS7 C171 Barrier Layer 0.0047 µF 25 V	C168	Electrolytic	100 μF	
C171 Barrier Layer 0.0047 µF 25 V	1		•	
		_	•	
	C172	Barrier Layer	0.0047 μF	

REF. NO.	DESCRIPTION	PART NO.
C173	Electrolytic	10 μF 16 V MS7
C174	Ceramic	47 pF 50 V
C175	Tantalum	1 μF 35 V DN
C176	Array	0.001 μF×7 B8XC0114-32N
C177	Array	0.001 μF×7 B8XC0114-32N
C178	Barrier Layer	0.0047 μF 25 V 0.0047 μF 50 V
C179 C180	Ceramic Ceramic	0.0047 μF 50 V 0.001 μF 50 V
C180	Ceramic	0.001 μF 50 V
C182	Barrier Layer	0.01 μF 25 V
C183	Electrolytic	1 μF 50 V MS7
C184	Barrier Layer	0.0047 μF 25 V
C185	Ceramic	0.001 μF GRM40
C186	Ceramic	0.01 μF GRM40
C187	Ceramic	0.1 μF GRM40 F 0.1 μF 16 V
C188 C189	Barrier Layer Electrolytic	100 μF 10 V SS
C190	Ceramic	0.0047 μF 50 V
C191	Array	0.01 µF×4 B5RC0127-32N
C192	Cylinder	0.001 μF UP050B 102K-NA
C193	Ceramic	0.001 μF GRM40
C194	Barrier Layer	0.047 μF 25 V
C195	Ceramic	0.0047 μF 50 V
C196	Ceramic	0.0047 µF 50 V
C197	Ceramic	0.001 μF 50 V 0.0047 μF 25 V
C198 C199	Barrier Layer Barrier Layer	0.0047 μF 25 V 0.047 μF 25 V
C200	Ceramic	0.0047 μF GRM40
G201	Ceramic	0.0047 µF GRM40
C202	Ceramic	100 pF GRM40
C203	Ceramic	0.1 uF GRM40 F
C204	Ceramic	0.1 μF GRM40 F
C205	Barrier Layer	0.0047 μF 25 V
J1 J2 J3 J4 J5 J6 J7 J8 J9	Connector	B03B-EH-S B05B-EH-S B09B-EH-S B08B-EH-S TCS4480-01-1111 TCS5037-01-401 HSJ0807-01-010 B03B-EH-S TLB-P05H-B1 TLB-P05H-B1
J11	Connector	TLB-P09H-B1
J12	Connector	TLB-P04H-B1
P1	Connector	TMP-P01X-A1
P2	Connector	TMP-P01X-A1
P3	Connector	EHR-12
EP1 EP2 EP3 EP5	P.C. Board P.C. Board Ferrite Bead Ferrite Bead	B-1404B (PLL) B-1515B (PRESCALER) FSQH070RN FSQH070RN
W76	Jumper	JPW-02A

[DDS UNIT]

נוואט צעסן			
REF. NO.	DESCRIPTION	PART NO.	
IC1 IC2 IC3 IC4 IC5	IC IC IC IC	SC-1051 SC-1052 SC-1053 TC74HCT374F TC74HCT374F	
X1	Crystal	CR180	
L1 L2 L3	Coil Coil Coil	LQN5N331K LQN5N331K LQN5N331K	
R1 R2 R3 R4	Resistor Resistor Resistor Array	1 MΩ MCR10 680 Ω MCR10 2.2 kΩ MCR10 GF5096	
C1 C2 C3 C7 C8 C9 C10 C11 C12 C13 C14 C15 C16 C17 C18 C19 C20	Trimmer Ceramic	10 pF TZB04N100BA 33 pF GRM40 CH 0.1 µF GRM40 F 68 pF GRM40 2 pF GRM40 120 pF GRM40 120 pF GRM40 120 pF GRM40 0.1 µF GRM40 0.1 µF GRM40 F 0.1	

[MAIN UNIT]

REF. NO.	DESCRIPTION	PART NO.
IC1	IC	μРС577Н А
IC2	IC	μPD4066BC
IC3	IC	μPC1037H A
IC4	IC	μPC1037H A
IC5	IC	M5218L
IC6	IC	MC3357P
IC7	IC	μPC577H A
IC9	IC	M5218L
IC10	IC	BA618
IC11	IC	BA401
IC12	IC	μPC1037H A
IC13	IC	μPC1037H A
IC14	IC	BA695
IC15	IC	μPD4066BC
IC16	IC	μPC2002H
IC17	IC	M5218L
IC18	IC	M5218L

DEE NO	1	DART NO
REF. NO.	DESCRIPTION	PART NO.
IC19 IC20	IC IC	NJM4558D BA222
IC21	ic	μPD4011BC
IC22	IC	μPD4011BC
IC23	IC	μA7808 UC
Q1	FET	2SK192A Y
Q2	Transistor	2SA1048 Y/GR
Q3	Transistor	2SC2785 EF
Q4 Q5	Transistor Transistor	2SC2785 EF RN2202
Q6	FET	3SK74 M
Q7	Transistor	RN1202
Q8 Q9	FET Transistor	3SK74 M 2SC2785 EF
Q10	Transistor	2SC2785 EF
Q11	Transistor	RN2204
Q12 Q13	Transistor Transistor	2SC2785 EF 2SC2785 EF
Q14	FET	3SK74 M
Q15	FET	3SK74 M
Q16 Q17	Transistor Transistor	RN1204 2SB562 C
Q18	Transistor	RN1204
Q19	Transistor	RN1204 RN1204
Q20 Q21	Transistor Transistor	2SC2785 EF
Q22	Transistor	2SC2785 EF
Q23	Transistor	RN2204 2SC2785 EF
Q24 Q25	Transistor Transistor	2SC2785 EF 2SC2785 EF
Q26	Transistor	RN1204
Q27	Transistor	RN1204
Q28 Q29	Transistor Transistor	RN2204 RN1204
Q30	Transistor	2SC2785 EF
Q31	Transistor	2SC2785 EF 2SC2785 EF
Q32 Q33	Transistor Transistor	2SC2765 EF 2SC2785 EF
Q34	Transistor	2SC2785 EF
Q35 Q36	Transistor Transistor	2SA1048 Y 2SC2785 EF
Q38	Transistor	2SC2785 EF
Q39	Transistor	RN1204
Q40 Q41	Transistor Transistor	RN2204 RN2204
Q42	Transistor	RN1204
Q43	Transistor	RN1202
Q44 Q45	Transistor Transistor	2SC2785 EF 2SC2785 EF
Q46	Transistor	2SC2785 EF
Q47	Transistor	2SC2785 EF
Q48 Q49	Transistor Transistor	2SC2785 EF 2SA1048 Y/GR
Q50	Transistor	2SC2785 EF
Q51	Transistor	RN1204
Q52 Q53	Transistor Transistor	RN2204 2SC2785 EF
Q54	Transistor	2SC1571 G
Q55	Transistor	2SC2785 EF
Q56 Q57	Transistor Transistor	RN1202 RN1202
Q58	Transistor	RN2204
Q59	Transistor	RN1202
Q60 Q61	Transistor Transistor	2SC2785 EF 2SC2785 EF
Q62	Transistor	2SC2785 EF
Q63	Transistor	2SC2785 EF
Q64 Q65	Transistor Transistor	2SD468 C 2SC2785 EF
Q66	Transistor	2SD468 C
Q67 Q68	Transistor	2SC2785 EF 2SD468 C
Q69	Transistor Transistor	RN1204

[MAIN UNIT]

REF. NO.	DESCRIPTION	PART NO.
Q70	Transistor	RN1204
Q71	Transistor	RN1204
D1	Diode	188133
D2	Diode	1SS133
D3 D4	Diode Diode	1K60 1K60
D5	Diode	18853
D6	Diode	1SS53
D7 D8	Diode Diode	1SS53 1SS53
D9	Diode	19853
D10	Diode	1SS53
D11 D12	Diode Diode	1SS53 1SS53
D13	Diode	1SS53
D14	Diode	18853
D15 D16	Diode Diode	1SS133 1SS53
D17	Diode	1SS53
D18	Diode	188133
D19	Diode	19853 19863
D20 D21	Diode Diode	1SS53 1SS133
D22	Diode	18853
D23	Diode Diode	1SS53
D24 D25	Diode Diode	1SS133 1SS53
D26	Diode	1SS53
D27	Diode	1SS53 1SS53
D28 D29	Diode Diode	1SS53
D30	Diode	1SS53
D31 D32	Diode Diode	1SS53 1SS53
D32	Diode	18853
D34	Diode	1SS53
D35 D36	Varicap Diode	FC51M 1SS53
D37	Diode	18853
D38	Diode	1SS53
D39 D40	Diode Zener	1SS53 RD6.2E B2
D41	Diode	1SS53
D42	Diode	19853 19833
D43 D44	Diode Diode	1SS237 1SS237
D45	Diode	155216
	(IC-575A) Diode	1SS265
	(IC-575H)	
D46 D47	Diode Diode	1SS237 1SS237
D48	Diode	1S953
D49	Varicap	1SV149 C 1SV149 C
D50 D51	Varicap Diode	1SS133
D52	Diode	188133
D53 D54	Diode Diode	1SS133 1SS133
D55	Diode	1K60
D57	Diode	1SS237
D58 D59	Diode Diode	1SS237 1SS133
D60	Diode	1SS216
	(IC-575A) Diode	1SS265
	(IC-575H)	
D61	Diode (IC-575A)	1SS216
	Diode	1SS265
D62	(IC-575H) Diode	1SS133
D63	Diode	1SS133

D64	REF. NO.	DESCRIPTION	PART NO.
Def	D64	1	
D67			
Display		1	
D70	1	1	
D71	D69	Diode	1SS53
D72			
D73	1	1	
D74	1	1	
Direct		Diode	188133
D77	•	1	
D78	3	1	
D79	•	1	
D81	D79	1	188133
Discrete		1	
Disagraphy			
D85	ı	1	
Discrete	D84	Diode	
D87 Diode	1		
D88		I	
Diode	•	1	
(IC-575A) Diode 1SS265 (IC-575H) D91 Diode 1SS133 D92 Diode 1SS133 D93 Diode 1SS133 D94 Diode 1SS133 D95 Diode 1SS133 D95 Diode 1SS133 (IC-575A) Diode 1SS133 (IC-575A) Diode 1SS133 D97 Diode 1SS133 D97 Diode 1SS133 D98 Zener MZ303 B (IC-575A only) D99 Diode 1SS133 D100 Diode 1SS133 D100 Diode 1SS216 (IC-575A) Diode 1SS265 (IC-575H) D102 Diode 1SS265 (IC-575H) D103 Diode 1SS265 (IC-575H) D103 Diode 1SS265 (IC-575H) D104 Diode 1SS133 D107 Diode 1SS133 D107 Diode 1SS133 D106 SS265 (IC-575H) D107 Diode 1SS133 D108 Diode 1SS133 D109 Diode 1SS133 D100 Diode 1SS133 D100 Diode 1SS133 D101 Diode 1SS133 D101 Diode 1SS133 D102 Diode 1SS133 D103 Diode 1SS133 D104 Diode 1SS133 D105 Zener RD5.1E B2 D106 Diode 1SS133 D107 Diode 1SS133 D109 Diode 1SS133 D110 Diode 1SS133 D111 Diode 1SS133 D112 Diode 1SS133 D112 Diode 1SS133 D112 Diode 1SS133 D123 Diode 1SS133 D124 Diode 1SS133 D124 Diode 1SS133		i .	
Diode	D90		1SS216
D91		, , ,	199265
D91 Dlode 1SS133 D92 Dlode 1SS133 D93 Diode 1SS133 D94 Diode 1SS133 D95 Dlode 1SS133 D96 Dlode 1SS133 D97 Dlode 1SS133 D97 Dlode 1SS133 D98 Zener MZ303 B (IC-575A only) D99 Dlode 1SS133 D100 Dlode 1SS133 D100 Dlode 1SS133 D101 Dlode 1SS216 (IC-575H) D102 Diode 1SS265 (IC-575A) Dlode 1SS265 (IC-575A) Dlode 1SS265 (IC-575A) Dlode 1SS265 (IC-575A) Dlode 1SS265 (IC-575B) D102 Dlode 1SS133 D104 Dlode 1SS133 D105 Zener RD5.1E B2 D106 Dlode 1SS133 D107 Dlode 1SS133 D107 Dlode 1SS133 D108 Dlode 1SS133 D109 Dlode 1SS133 D100 Dlode 1SS133 D100 Dlode 1SS133 D110 Dlode 1SS133 D111 Dlode 1SS133 D112 Dlode 1SS133 D113 Dlode 1SS133 D114 Dlode 1SS133 D115 Dlode 1SS133 D116 Dlode 1SS133 D117 Dlode 1SS133 D118 Dlode 1SS133 D119 Zener RD3.9E B2 D120 Dlode 1SS133 D121 Dlode 1SS133 D122 Dlode 1SS133 D123 Dlode 1SS133 D124 Dlode 1SS133		1	133203
D93 Diode 1SS133 D94 Diode 1SS133 D95 Diode 1SS133 (IC-575A) Diode 1SS90 (IC-575H) D96 Diode 1SS133 D97 Diode 1SS133 D98 Zener MZ303 B (IC-575A only) D99 Diode 1SS133 D100 Diode 1SS133 D101 Diode 1SS216 (IC-575A) Diode 1SS216 (IC-575H) Diode 1SS265 (IC-575H) Diode 1SS265 (IC-575H) Diode 1SS133 D103 Diode 1SS133 D104 Diode 1SS133 D105 Zener RD5.1E B2 D106 Diode 1SS133 D107 Diode 1SS133 D107 Diode 1SS133 D108 Diode 1SS133 D109 Diode 1SS133 D100 Diode 1SS133 D100 Diode 1SS133 D101 Diode 1SS133 D100 Diode 1SS133 D110 Diode 1SS133 D111 Diode 1SS133 D115 Diode 1SS133 D116 Diode 1SS133 D117 Diode 1SS133 D118 Diode 1SS133 D119 Zener RD3.9E B2 D120 Diode 1SS133 D121 Diode 1SS133 D122 Diode 1SS133 D122 Diode 1SS133 D123 Diode 1SS133 D124 Diode 1SS133 D124 Diode 1SS133	D91	1 '	1SS133
D94	1		
Diode	1	1	
(IC-575A) Diode 1SS90 (IC-575H) D96 Diode 1SS133 D97 Diode 1SS133 D98 Zener MZ303 B (IC-575A only) D99 Diode 1SS133 D100 Diode 1SS133 D101 Diode 1SS216 (IC-575A) Diode 1SS265 (IC-575A) Diode 1SS265 (IC-575A) Diode 1SS265 (IC-575A) Diode 1SS265 (IC-575A) Diode 1SS133 D103 Diode 1SS133 D104 Diode 1SS133 D105 Zener RD5.1E B2 D106 Diode 1SS133 D107 Diode 1SS133 D108 Diode 1SS133 D109 Diode 1SS133 D109 Diode 1SS133 D110 Diode 1SS133 D111 Diode 1SS133 D115 Diode 1SS133 D116 Diode 1SS133 D117 Diode 1SS133 D118 Diode 1SS133 D119 Zener RD3.9E B2 D120 Diode 1SS133 D122 Diode 1SS133 D122 Diode 1SS133 D122 Diode 1SS133 D123 Diode 1SS133 D124 Diode 1SS133 D124 Diode 1SS133			
(IC-575H) D96 Dlode 1SS133 D97 Dlode 1SS133 D98 Zener MZ303 B (IC-575A only) D99 Dlode 1SS133 D100 Dlode 1SS133 D101 Dlode 1SS216 (IC-575A) Dlode 1SS265 (IC-575A) Dlode 1SS265 (IC-575H) D102 Dlode 1SS265 (IC-575H) D103 Dlode 1SS133 D104 Dlode 1SS133 D105 Zener RD5.1E B2 D106 Dlode 1SS133 D107 Dlode 1SS133 D107 Dlode 1SS133 D108 Dlode 1SS133 D109 Dlode 1SS133 D110 Dlode 1SS133 D110 Dlode 1SS133 D111 Slode 1SS133 D112 Dlode 1SS133 D119 Zener RD3.9E B2 D120 Dlode 1SS133 D122 Dlode 1SS133 D124 Dlode 1SS133		i	
D96			1SS90
D97	nge	,	188133
D99		1	
D99	D98		MZ303 B
D100	500	, , , , , , , , , , , , , , , , , , , ,	100100
D101		1	
Diode			
D102		(IC-575A)	
Diode		1	1SS265
(IC-575A) Dlode 1SS265 (IC-575H) D103 Diode 1SS133 D104 Diode 1SS133 D105 Zener RD5.1E B2 D106 Diode 1SS133 D107 Diode 1SS133 D107 Diode 1SS133 D108 Diode 1SS133 D109 Diode 1SS133 D110 Diode 1SS133 D111 Diode 1SS133 D111 Diode 1SS133 D112 Diode 1SS133 D113 Diode 1SS133 D114 Diode 1SS133 D115 Diode 1SS133 D116 Diode 1SS133 D117 Diode 1SS133 D116 Diode 1SS133 D117 Diode 1SS133 D118 Diode 1SS133 D119 Zener RD3.9E B2 D120 Diode 1SS133 D121 Diode 1SS133 D122 Diode 1SS133 D122 Diode 1SS133 D123 Diode 1SS133 D123 Diode 1SS133 D123 Diode 1SS133 D124 Diode 1SS133	D102	1 '	1SS216
(IC-575H) D103 Diode 1SS133 D104 Diode 1SS133 D105 Zener RD5.1E B2 D106 Diode 1SS133 D107 Diode 1SS133 D108 Diode 1SS133 D109 Diode 1SS133 D110 Diode 1SS133 D111 Diode 1SS133 D112 Diode 1SS133 D113 Diode 1SS133 D114 Diode 1SS133 D115 Diode 1SS133 D116 Diode 1SS133 D117 Diode 1SS133 D116 Diode 1SS133 D117 Diode 1SS133 D118 Diode 1SS133 D119 Zener RD3.9E B2 D120 Diode 1SS133 D121 Diode 1SS133 D121 Diode 1SS133 D122 Diode 1SS133 D122 Diode 1SS133 D123 Diode 1SS133 D123 Diode 1SS133 D124 Diode 1SS133	5.02	Į.	
D103 Diode 1SS133 D104 Diode 1SS133 D105 Zener RD5.1E B2 D106 Diode 1SS133 D107 Diode 1SS133 D108 Diode 1SS133 D109 Diode 1SS133 D110 Diode 1SS133 D111 Diode 1SS133 D112 Diode 1SS133 D113 Diode 1SS133 D114 Diode 1SS133 D115 Diode 1SS133 D116 Diode 1SS133 D117 Diode 1SS133 D118 Diode 1SS133 D119 Zener RD3.9E B2 D120 Diode 1SS133 D121 Diode 1SS133 D122 Diode 1SS133 D123 Diode 1SS133 D124 Diode 1SS133		Í	1SS265
D104 Diode 1SS133 D105 Zener RD5.1E B2 D106 Diode 1SS133 D107 Diode 1SS133 D108 Diode 1SS133 D109 Diode 1SS133 D110 Diode 1SS133 D111 Diode 1SS133 D112 Diode 1SS133 D113 Diode 1SS133 D114 Diode 1SS133 D115 Diode 1SS133 D116 Diode 1SS133 D117 Diode 1SS133 D118 Diode 1SS133 D119 Zener RD3.9E B2 D120 Diode 1SS133 D121 Diode 1SS133 D122 Diode 1SS133 D123 Diode 1SS133 D124 Diode 1SS133	D402	. , ,	100122
D105 Zener RD5.1E B2 D106 Diode 1SS133 D107 Diode 1SS133 D108 Diode 1SS133 D109 Diode 1SS133 D110 Diode 1SS133 D111 Diode 1SS133 D112 Diode 1SS133 D113 Diode 1SS133 D114 Diode 1SS133 D115 Diode 1SS133 D116 Diode 1SS133 D117 Diode 1SS133 D118 Diode 1SS133 D119 Zener RD3.9E B2 D120 Diode 1SS133 D121 Diode 1SS133 D122 Diode 1SS133 D123 Diode 1SS133 D124 Diode 1SS133		1	
D107 Diode 1SS133 D108 Diode 1SS133 D109 Diode 1SS133 D110 Diode 1SS133 D111 Diode 1SS133 D112 Diode 1SS133 D113 Diode 1SS133 D114 Diode 1SS133 D115 Diode 1SS133 D116 Diode 1SS133 D117 Diode 1SS133 D118 Diode 1SS133 D119 Zener RD3.9E B2 D120 Diode 1SS133 D121 Diode 1SS133 D122 Diode 1SS133 D123 Diode 1SS133 D124 Diode 1SS133		ł .	
D108 Diode 1SS133 D109 Diode 1SS133 D110 Diode 1SS133 D111 Diode 1SS133 D112 Diode 1SS133 D113 Diode 1SS133 D114 Diode 1SS133 D115 Diode 1SS133 D116 Diode 1SS133 D117 Diode 1SS133 D118 Diode 1SS133 D119 Zener RD3.9E B2 D120 Diode 1SS133 D121 Diode 1SS133 D122 Diode 1SS133 D123 Diode 1SS133 D124 Diode 1SS133		i e	
D109 Diode 1SS133 D110 Diode 1SS133 D111 Diode 1SS133 D112 Diode 1SS133 D113 Diode 1SS133 D114 Diode 1SS133 D115 Diode 1SS133 D116 Diode 1SS133 D117 Diode 1SS133 D118 Diode 1SS133 D119 Zener RD3.9E B2 D120 Diode 1SS133 D121 Diode 1SS133 D122 Diode 1SS133 D123 Diode 1SS133 D124 Diode 1SS133			
D110 Diode 1SS133 D111 Diode 1SS133 D112 Diode 1SS133 D113 Diode 1SS133 D114 Diode 1SS133 D115 Diode 1SS133 D116 Diode 1SS133 D117 Diode 1SS133 D118 Diode 1SS133 D119 Zener RD3.9E B2 D120 Diode 1SS133 D121 Diode 1SS133 D122 Diode 1SS133 D123 Diode 1SS133 D124 Diode 1SS133		í	
D112 Diode 1SS133 D113 Diode 1SS133 D114 Diode 1SS133 D115 Diode 1SS133 D116 Diode 1SS133 D117 Diode 1SS133 D118 Diode 1SS133 D119 Zener RD3.9E B2 D120 Diode 1SS133 D121 Diode 1SS133 D122 Diode 1SS133 D123 Diode 1SS133 D124 Diode 1SS133	1		•
D113 Dlode 1SS133 D114 Diode 1SS133 D115 Diode 1SS133 D116 Diode 1SS133 D117 Diode 1SS133 D118 Diode 1SS133 D119 Zener RD3.9E B2 D120 Diode 1SS133 D121 Diode 1SS133 D122 Diode 1SS133 D123 Diode 1SS133 D124 Diode 1SS133			
D114 Diode 1SS133 D115 Diode 1SS133 D116 Diode 1SS133 D117 Diode 1SS133 D118 Diode 1SS133 D119 Zener RD3.9E B2 D120 Diode 1SS133 D121 Diode 1SS133 D122 Diode 1SS133 D123 Diode 1SS133 D124 Diode 1SS133	i		
D115 Diode 1SS133 D116 Diode 1SS133 D117 Diode 1SS133 D118 Diode 1SS133 D119 Zener RD3.9E B2 D120 Diode 1SS133 D121 Diode 1SS133 D122 Diode 1SS133 D123 Diode 1SS133 D124 Diode 1SS133			
D117 Diode 1SS133 D118 Diode 1SS133 D119 Zener RD3.9E B2 D120 Diode 1SS133 D121 Diode 1SS133 D122 Diode 1SS133 D123 Diode 1SS133 D124 Diode 1SS133	D115	Diode	188133
D118 Diode 1SS133 D119 Zener RD3.9E B2 D120 Diode 1SS133 D121 Diode 1SS133 D122 Diode 1SS133 D123 Diode 1SS133 D124 Diode 1SS133			
D119 Zener RD3.9E B2 D120 Diode 1SS133 D121 Diode 1SS133 D122 Diode 1SS133 D123 Diode 1SS133 D124 Diode 1SS133			
D120 Diode 1SS133 D121 Diode 1SS133 D122 Diode 1SS133 D123 Diode 1SS133 D124 Diode 1SS133			
D122 Dlode 1SS133 D123 Diode 1SS133 D124 Diode 1SS133	D120	Diode	1SS133
D123 Diode 1SS133 D124 Diode 1SS133			
D124 Diode 1SS133			
D125 Diode 1SS133			
	D125	Diode	1SS133

[MAIN UNIT]

REF. NO. DESCRIPTION PART NO. D126 18853 Diode FI1 Monolithic FL-23 Monolithic FL-30 FI2 FL-65 FI3 Ceramic FI4 Ceramic CFW455 IT FI5 Monolithic FL-23 CFW455 E FI6 Ceramic CR49 (9.0145 MHz) X1 Crystal Crystal CR1 (9.4665 MHz) X2 ХЗ CR49 (9.0145 MHz) Crystal X4 Crystal HC12/U (9.0105 MHz) LS-175 Coil L1 LS-175 L2 Coil L3 Coil LS-180B L4 Coil LS-180B L5 LS-90A Coil L6 LS-90A Coil L7 Coil LS-137 L8 Coil LS-175 L9 Coil LS-137 L10 Coll LAL03NA 101K 100µ LAL03NA 100K 10µ L11 Coil L12 Coil LAL03NA 221K 220µ L13 LAL03NA 102K 1000µ Coll LS-98A L14 Coil LS-163 L15 Coll L16 Coil LS-175 L17 Coil LS-282 LAL03NA 101K 100μ L18 Coil L19 Coil LS-121 LAL03NA 102K 1000µ L20 Coil L21 Coil LS-240 L22 Coil LAL03NA R33M 0.33µ L23 LS-134 Coil L24 Coil LS-133A LAL03NA 101K 100µ L25 Coil L26 Coil LAL03NA 100K 10µ L27 Coil LAL03NA 100K 10µ LAL03NA 100K 10µ L28 Coil LAL03NA 100K 10µ 1 29 Coil L30 Coil LAL03NA 101K 100µ L31 Coil LAL03NA 100K 10µ L32 Coil LS-133A LAL03NA 150K 15μ L33 Coil L34 I W-15 Coll L35 BT01RN1-A61 Coil L37 Coil LAL03NA 100K 10µ L38 Coil LAL03NA 102K 1000µ LAL03NA 100K 10µ L39 Coil LAL03NA 101K 100µ L40 Coll LAL03NA 101K 100µ L41 Coil R1 Resistor 100 Ω ELR20 100 kΩ ELR₂0 R2 Resistor 100 Ω R20 R3 Resistor R4 $4.7~k\Omega$ ELR₂₀ Resistor R5 Resistor 100 kΩ ELR20 R6 Resistor 100 Ω R20 47 kΩ ELR20 R7 Resistor 2.2 kΩ ELR20 R8 Resistor 470 kO ELR₂₀ R9 Resistor R10 Resistor 5.6 kΩ ELR20 R11 Resistor 150 Ω R20 R12 Resistor 470 Ω ELR20 ELR20 Resistor 1 kΩ R13 2.2 kO R20 R14 Resistor R15 Resistor 2.2 kΩ R20 **R16** Resistor 2.2 kΩ R20

REF. NO.	DESCRIPTION	PAR	T NO.
R17	Resistor	220 Ω	ELR20
R18	Resistor	47 Ω	R20
R19 R20	Resistor Resistor	10 kΩ 470 kΩ	ELR20 ELR20
R21	Resistor	470 kΩ	R20
R22	Resistor	470 Ω	ELR20
R23 R24	Thermistor Resistor	23D29 220 Ω	ELR20
R25	Resistor	15 kΩ	R20
R26	Resistor	15 kΩ	ELR20
R27 R28	Resistor Resistor	4.7 kΩ 470 Ω	R20 ELR20
R29	Resistor	2.2 kΩ	ELR20
R30	Resistor	10 kΩ	R20
R31 R32	Thermistor Resistor	23D29 4.7 kΩ	ELR20
R33	Resistor	2.2 MΩ	ELR20
R34	Resistor	1 kΩ	ELR20
	(IC-575A) Resistor	220 Ω	ELR20
	(IC-575H)		
R35	Resistor	100 Ω	R20
R36 R37	Trimmer Resistor	4.7 kΩ 2.2 kΩ	RH0651CS3J2KA ELR20
R38	Resistor	10 kΩ	ELR25
R39	Resistor	2.2 kΩ	R20
R40 R41	Resistor Resistor	10 kΩ 3.3 kΩ	R20 R20
R42	Resistor	2.2 kΩ	ELR20
R43	Resistor	100 Ω	R25
R44 R45	Resistor Resistor	1.5 kΩ 10 kΩ	R20 R25
R46	Resistor	3.3 kΩ	R20
R47	Resistor	2.2 kΩ	ELR20
R48	Resistor	100 Ω 1.5 kΩ	R25 R20
R49 R50	Resistor Resistor	3.3 kΩ	ELR20
R51	Resistor	2.2 kΩ	ELR20
R52	Resistor	100 Ω 1.5 kΩ	R25 R20
R53 R54	Resistor Resistor	3.3 kΩ	ELR20
R55	Resistor	100 Ω	R25
R56 R57	Resistor	2.2 kΩ 100 Ω	R20 ELR20
R58	Resistor Resistor	1.5 kΩ	ELR20
R59	Resistor	1 kΩ	ELR20
R60 R61	Resistor Resistor	10 kΩ 10 kΩ	ELR20 ELR20
R62	Resistor	2.2 kΩ	ELR20
R63	Resistor	2.2 kΩ	ELR20
R64	Resistor	2.2 kΩ 470 kΩ	ELR20 ELR20
R65 R66	Resistor Resistor	100 Ω	R25
R67	Resistor	2.2 kΩ	ELR20
R68 R69	Resistor Resistor	5.6 kΩ 10 kΩ	ELR20 ELR20
R70	Resistor	10 kΩ	ELR20
R71	Resistor	220 Ω	ELR20
R72 R73	Resistor Resistor	10 kΩ 220 Ω	ELR20 ELR20
R74	Resistor	2.2 kΩ	ELR20
R75	Resistor	220 Ω	ELR20
R76 R77	Resistor Resistor	2.2 kΩ 220 Ω	ELR20 ELR20
R78	Resistor	3.9 kΩ	ELR20
R79	Resistor	1 kΩ	ELR20
R80 R81	Resistor Resistor	2.2 kΩ 100 Ω	ELR20 ELR20
R82	Resistor	3.9 kΩ	ELR20
R83	Resistor	330 Ω	ELR20
R84 R85	Resistor	100 Ω 22 kΩ	ELR20 RH0651CJ4J01A
R86	Trimmer Resistor	22 κΩ 1 kΩ	ELR20
R87	Thermistor	35D45	
R88	Resistor	100 Ω	ELR20

[MAIN UNIT]

R89	REF. NO.	DESCRIPTION	PAR	IT NO.
Resistor	R89	Resistor	15 kΩ	R20
R92 Resistor 22 kΩ ELR20 R94 Resistor 10 kΩ RH0651C14J2WA R95 Trimmer 100 kΩ RH0651C15J1UA R96 Resistor 100 kΩ RH0651C15J1UA R97 Resistor 220 kΩ ELR20 R99 Resistor 6.8 kΩ ELR20 R100 Resistor 10 kΩ ELR20 R101 Resistor 10 kΩ ELR20 R102 Resistor 10 kΩ ELR20 R103 Resistor 10 kΩ ELR20 R104 Resistor 10 kΩ ELR20 R105 Resistor 10 kΩ ELR20 R106 Resistor 10 kΩ ELR20 R107 Resistor 10 kΩ ELR20 R106 Resistor 10 kΩ ELR20 R107 Resistor 10 kΩ ELR20 R108 Resistor 10 kΩ ELR20 R109 Resistor 10 kΩ ELR20 </td <td></td> <td></td> <td></td> <td></td>				
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R102		1		
R103	1	1		
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R107	3	1		
R108	1	1		
Rit	1	1		
R111	R109	Resistor	2.2 kΩ	ELR20
R112	1	1		
R113	1	l		
R114		I		
R116				
R117	•	1		ELR20
R118	1	I		DLIGGE4CNIQ IOOA
R119		1		
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R155 Resistor 47 kΩ R20 R156 Resistor 10 kΩ R20 R157 Resistor 1 MΩ ELR20	R153	Resistor	1 kΩ	ELR20
R156 Resistor 10 kΩ R20 R157 Resistor 1 MΩ ELR20				-
R157 Resistor 1 MΩ ELR20				
} · · · · · · · · · · · · · · · · · · ·				
	R158	Resistor	10 kΩ	ELR20
R159 Trimmer 10 kΩ RH0651C14J2WA				
R160				
R162 Resistor 2.2 MΩ ELR20				
R163 Resistor 33 kΩ ELR20	R163	Resistor	33 kΩ	ELR20

REF. NO.	DESCRIPTION	PART NO.	
R164	Trimmer	22 kΩ	RH0651CJ4J01A
R165	Resistor	22 kΩ	ELR20
R166	Resistor	470 kΩ	ELR20
R167	Resistor Resistor	10 kΩ 33 kΩ	R20 R20
R168 R169	Resistor	3.3 kΩ	ELR20
R170	Resistor	4.7 kΩ	R20
R171	Resistor	2.2 kΩ	ELR20
R172	Resistor	2.7 kΩ	ELR20
R173	Resistor	2.2 kΩ	R20
R174	Resistor	2.2 kΩ 4.7 kΩ	R20 R20
R175 R176	Resistor Resistor	4.7 KΩ 100 Ω	ELR20
R177	Resistor	470 Ω	ELR20
R178	Resistor	3.9 kΩ	R20
R179	Resistor	470 Ω	ELR20
R180	Trimmer	10 kΩ	RH0651C14J2WA
R181	Resistor	100 kΩ	ELR20 RH0651C14J2WA
R182 R183	Trimmer Resistor	10 kΩ 220 kΩ	R20
R184	Resistor	2.2 kΩ	ELR20
R185	Resistor	2.2 kΩ	ELR20
R186	Resistor	2.2 kΩ	R25
R187	Resistor	330 Ω	ELR20
	(IC-575A)	000 0	E1 D00
	Resistor (IC-575H)	820 Ω	ELR20
R188	Trimmer	10 kΩ	RH0651C14J2WA
R189	Resistor	22 kΩ	ELR20
R190	Resistor	22 kΩ	ELR20
R191	Resistor	220 Ω	R20
R192	Resistor	1 kΩ	ELR20
R193	Resistor Resistor	6.8 kΩ 1 kΩ	ELR20 ELR20
R194 R195	Trimmer	47 kΩ	RH0651CS4J25A
R196	Resistor	68 kΩ	ELR20
R197	Trimmer	47 kΩ	RH0651CS4J25A
R198	Resistor	10 kΩ	ELR20
R199	Trimmer	47 kΩ	RH0651CS4J25A
R200 R201	Resistor Resistor	150 kΩ 100 Ω	ELR20 R20
R202	Resistor	2.2 kΩ	ELR20
R203	Resistor	470 kΩ	ELR20
R204	Resistor	47 kΩ	ELR20
R205	Resistor	100 Ω	ELR20
R206	Resistor	4.7 kΩ 23D29	ELR20
R207 R208	Thermistor Resistor	23D2 9 47 kΩ	ELR20
R209	Resistor	100 Ω	R25
R210	Resistor	470 kΩ	ELR20
R211	Resistor	3.9 kΩ	ELR20
R212	Resistor	5.6 kΩ	ELR20
R213 R214	Resistor Resistor	22 kΩ 22 kΩ	ELR20 ELR20
R214 R215	Resistor	820 Ω	R20
R216	Resistor	6.8 kΩ	ELR20
R217	Resistor	1 kΩ	ELR20
R218	Resistor	4.7 kΩ	ELR20
R219	Resistor	1 MΩ	ELR20
R220 R221	Resistor Resistor	2.7 kΩ 12 kΩ	ELR20 ELR20
R222	Resistor	220 kΩ	R20
R223	Trimmer	1 kΩ	RH0652C13J08A
R224	Resistor	27 kΩ	R20
R225	Resistor	220 Ω	R20
R226	Resistor	330 Ω	ELR20
R227 R228	Resistor Resistor	6.8 kΩ 4.7 kΩ	ELR20 ELR20
R229	Resistor	4.7 kΩ	ELR20
R230	Resistor	220 kΩ	ELR20
R231	Trimmer	10 kΩ	RH0651C14J2WA
R232	Resistor	2.2 kΩ	R20
R233 R234	Trimmer Resistor	10 kΩ 3.3 kΩ	RH0651C14J2WA ELR20
R235	Resistor	3.3 KΩ 10 kΩ	R20

L	DESCRIPTION	PAR	Г NO .
R236	Resistor	4.7 kΩ	R20
R237	Resistor	47 kΩ	ELR20
R238	Resistor	47 kΩ	R20 R20
R239 R240	Resistor Resistor	47 kΩ 2.2 kΩ	RZU ELR20
R241	Resistor	6.8 kΩ	ELR20
R242	Resistor	10 kΩ	ELR20
R243	Resistor	4.7 kΩ	R20
R244	Resistor	2.2 kΩ	ELR20
R245 R246	Resistor Resistor	4.7 kΩ 47 kΩ	R20 ELR20
R247	Resistor	47 KΩ	R20
R248	Resistor	100 kΩ	ELR20
R249	Resistor	22 kΩ	ELR20
R250	Resistor	100 kΩ	ELR20
R251 R252	Resistor Resistor	2.2 kΩ 39 Ω	ELR20 ELR20
R252 R253	Trimmer	39 Ω 47 kΩ	RH0651CS4J25A
R254	Resistor	1 ΜΩ	ELR20
R255	Resistor	10 kΩ	R20
R256	Resistor	47 kΩ	ELR20
R257	Resistor	220 kΩ	ELR20
R258 R259	Resistor Resistor	1 kΩ 1 kΩ	R20 ELR20
R260	Resistor	2.2 kΩ	ELR20
R261	Resistor	1 kΩ	R25
R262	Resistor	10 kΩ	ELR20
R263	Resistor	10 kΩ	R20
R264	Resistor	10 kΩ	ELR20
R265 R266	Resistor Resistor	10 kΩ 1 kΩ	ELR20 ELR20
R267	Resistor	220 Ω	ELR20
R268	Resistor	3.3 Ω	ELR20
R269	Resistor	100 Ω	R20
1 1	Trimmer	1 ΜΩ	RH0651C16J0RA
R271 R272	Resistor Resistor	1 MΩ 1 MΩ	ELR20 R20
1 :	Resistor	1 MΩ	R20
1 1	Resistor	1 ΜΩ	ELR20
	Trimmer	10 kΩ	RH0651C14J2WA
1	Resistor	1 ΜΩ	ELR20
1	Resistor Resistor	10 kΩ 47 kΩ	R20 ELR20
3	Resistor	47 kΩ	ELR20
• •	Resistor	33 kΩ	ELR20
1	Trimmer	10 kΩ	RH0651C14J2WA
	Resistor	33 kΩ	ELR20
R283	Resistor (IC-575A)	1 ΜΩ	ELR20
	Resistor	220 kΩ	ELR20
	(IC-575H)		
R284	Resistor	22 kΩ	ELR20
	(IC-575A)	40.0	E1 D00
	Resistor	12 Ω	ELR20
R285	(IC-575H) Resistor	22 kΩ	ELR20
	(IC-575A)	1766	
	Resistor	39 kΩ	ELR20
	(IC-575H)		
	Trimmer	4.7 kΩ	RH0651CS3J2KA
R287	Trimmer (IC-575A only)	4.7 kΩ	RH0651CS3J2KA
R288	Resistor	3.3 kΩ	ELR20
	(IC-575A)		
	Resistor	2.7 kΩ	ELR20
	(IC-575H (U.S.A.,		EL B00
	Resistor (IC-575H (U.K.))	3.9 kΩ	ELR20
R289	Resistor	12 kΩ	ELR20
11200	(IC-575A)	- 1724	
	Resistor	6.8 kΩ	ELR20
	(IC-575H (U.S.A.,	•••	
	Resistor	8.2 kΩ	ELR20
R290	(IC-575H (U.K.)) Resistor	470 kΩ	R20

R291 Resistor 1.7 kΩ R20 R10651C15J1UA (IC-575A) Trimmer 33 kΩ R10651C15J1UA (IC-575A) Trimmer 33 kΩ R10651C15J1UA R293 Resistor 2.2 MΩ ELR20 R294 Resistor 2.2 MΩ ELR20 R295 Resistor 2.2 MΩ ELR20 R296 Resistor 150 Ω R20 R20 R297 Resistor 150 Ω R20 R298 Resistor 1 MΩ ELR20 R298 Resistor 1 MΩ ELR20 R299 Resistor 1 MΩ ELR20 R299 Resistor 1 MΩ ELR20 R299 Resistor 1 MΩ ERC14GJ R301 Trimmer 10 kΩ R10651C14J2WA R302 Resistor 1 kΩ ELR20 R303 Resistor 1 kΩ ELR20 R304 Resistor 1 kΩ ELR20 R305 Resistor 1 kΩ ELR20 R306 Resistor 1 kΩ ELR20 R307 Resistor 1 kΩ ELR20 R308 Resistor 1 kΩ ELR20 R309 Resistor 10 kΩ ELR20 R311 Resistor 10 kΩ ELR20 R311 Resistor 10 kΩ ELR20 R311 Resistor 10 kΩ ELR20 R313 Trimmer 30 Ω R10652C12J04A R315 Trimmer 10 kΩ ELR20 R316 Resistor 1 kΩ ELR20 R317 Resistor 10 kΩ ELR20 R318 Resistor 10 kΩ ELR20 R319 Resistor 10 kΩ ELR20 R317 Resistor 10 kΩ ELR20 R318 Resistor 10 kΩ ELR20 R319 Resistor 10 kΩ ELR20 R322 Resistor 10 kΩ ELR20 R322 Resistor 10 kΩ ELR20 R323 Trimmer 10 kΩ R10652C14J0FA ELR20 R324 Resistor 10 kΩ ELR20 R327 Resistor 10 kΩ ELR20 R327 Resistor 10 kΩ ELR20 R328 Resistor 10 kΩ ELR20 R333 Resistor 10 kΩ ELR20 R334 Resistor 10 kΩ ELR20 R335 Resistor 10 kΩ ELR20 R336 Resistor 10 kΩ ELR20 R337 Resistor 10 kΩ ELR20 R338 Resistor 10 kΩ ELR20 R336 Resistor 10 kΩ ELR20 R344 Resistor 10 kΩ ELR20 R345 Resisto	REF. NO.	DESCRIPTION	PART NO.		
(C-575A) Trimmer 33 kΩ RH0651CN4J0TA (C-575H) R293 Resistor 2.2 MΩ ELR20 R294 Resistor 2.2 MΩ ELR20 R295 Resistor 2.2 MΩ ELR20 R296 Resistor 150 Ω R20 R297 Resistor 150 Ω R20 R298 Resistor 1 MΩ ELR20 R299 Resistor 1 MΩ ELR20 R299 Resistor 1 MΩ ELR20 R300 Resistor 10 kΩ ERC14GJ R301 Trimmer 10 kΩ R40651C14J2WA R302 Resistor 1 kΩ ELR20 R303 Resistor 1 kΩ ELR20 R304 Resistor 1 kΩ ELR20 R306 Resistor 1 kΩ ELR20 R306 Resistor 1 kΩ ELR20 R306 Resistor 1 kΩ ELR20 R307 Resistor 1 kΩ ELR20 R308 Resistor 1 kΩ ELR20 R308 Resistor 1 kΩ ELR20 R309 Resistor 1 kΩ ELR20 R309 Resistor 10 kΩ ELR20 R311 Resistor 10 kΩ ELR20 R311 Resistor 10 kΩ ELR20 R312 Resistor 10 kΩ ELR20 R313 Trimmer 300 Ω ELR20 R314 Resistor 10 kΩ ELR20 R315 Trimmer 10 kΩ ELR20 R316 Resistor 10 kΩ ELR20 R317 Resistor 10 kΩ ELR20 R318 Resistor 10 kΩ ELR20 R317 Resistor 10 kΩ ELR20 R318 Resistor 10 kΩ ELR20 R319 Resistor 10 kΩ ELR20 R317 Resistor 10 kΩ ELR20 R317 Resistor 10 kΩ ELR20 R317 Resistor 10 kΩ ELR20 R321 Resistor 10 kΩ ELR20 R322 Resistor 10 kΩ ELR20 R322 Resistor 10 kΩ ELR20 R321 Resistor 10 kΩ ELR20 R322 Resistor 10 kΩ ELR20 R323 Trimmer 10 kΩ ELR20 R324 Resistor 10 kΩ ELR20 R325 Resistor 10 kΩ ELR20 R326 Resistor 10 kΩ ELR20 R327 Resistor 10 kΩ ELR20 R328 Resistor 10 kΩ ELR20 R329 Resistor 10 kΩ ELR20 R331 Resistor 10 kΩ ELR20 R332 Resistor 10 kΩ ELR20 R333 Resistor 10 kΩ ELR20 R334 Resistor 10 kΩ ELR20 R335 Resistor 10 kΩ ELR20 R336 Resistor 10 kΩ ELR20 R337 Resistor 10 kΩ ELR20 R338 Resistor 10 kΩ ELR20 R336 Resistor 10 kΩ ELR20 R344 Resistor 10 kΩ ELR20 R345 Resistor 10 kΩ	R291	Resistor	4.7 kΩ	R20	
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Resistor		Trimmer	33 kΩ	RH0651CN4J0TA	
R295 Resistor 2.2 MΩ ELR20 R296 Resistor 150 Ω ELR20 R297 Resistor 1 MΩ ELR20 R299 Resistor 1 MΩ R20 R300 Resistor 1 MΩ R20 R301 Trimmer 10 kΩ RH0651C14J2WA R301 Trimmer 10 kΩ ELR20 R303 Resistor 1 kΩ ELR20 R304 Resistor 1 kΩ ELR20 R305 Resistor 10 kΩ ELR20 R306 Resistor 10 kΩ ELR20 R307 Resistor 1 kΩ ELR20 R308 Resistor 1 kΩ ELR20 R307 Resistor 1 kΩ ELR20 R308 Resistor 1 kΩ ELR20 R311 Resistor 10 kΩ ELR20 R311 Resistor 10 kΩ ELR20 R311 Resistor 10 kΩ ELR20		Resistor			
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REF. NO. DESCRIPTION PART NO. R363 Resistor 1 kΩ **R20** RH0651C14J2WA R364 Trimmer 10 $k\Omega$ R365 Resistor 100 kΩ ELR20 ELR20 R366 2.2 kQ Resistor R367 Resistor 100 Ω ELR20 R368 Resistor 10 kΩ ELR20 ELR20 R369 Resistor 2.2 kΩ R370 Resistor ELR20 1 kQ ELR20 R371 Resistor 10 kΩ R372 Resistor 22 kΩ ELR20 4.7 kΩ ELR20 R373 Resistor Resistor 33 kΩ ELR20 R374 ELR20 Resistor 4.7 kQ **R375** FLR20 R376 470 Ω Resistor R377 Resistor $1 \, k\Omega$ R20 R378 Resistor 10 Ω ELR20 R379 Resistor 100 kΩ **R25** ELR20 R380 Resistor 330 Ω 1 ΜΩ FI R20 R381 Resistor R382 Thermistor ERT-D2FGL 332S R383 Thermistor ERT-D2FGL 332S R384 Resistor 470 Ω R20 C1 Cylinder 1 pF UP050SL 010M-NA C2 Electrolytic 10 μF 16 V MS7 0.0047 uF СЗ **Barrier Laver** 25 V $0.0047~\mu\text{F}$ C4 Ceramic 50 V C5 **Barrier Layer** $0.0047~\mu F$ 25 V C6 **Barrier Layer** $0.0047~\mu\text{F}$ 25 V C7 0.0047 µF Ceramic 50 V C8 **Barrier Layer** 0.0047 µF 25 V 0.0047 μF Ceramic 50 V **C9** C10 Ceramic 0.0047 µF 50 V C11 Ceramic 120 pF 50 V C12 22 pF 50 V Ceramic C13 Electrolytic 10 μF 16 V MS7 4.7 μF C14 Electrolytic 25 V MS7 C15 **Barrier Layer** 0.0047 µF 25 V C16 Ceramic 0.0047 µF 50 V C17 Ceramic 0.0047 µF 50 V C18 Ceramic 120 pF 50 V Ceramic 120 pF 50 V C19 C20 Ceramic 4 pF 50 V 0.0047 µF 50 V C21 Ceramic C22 Barrier Layer 0.1 µF 16 V C23 Ceramic 0.0047 µF 50 V C24 Barrier Layer 0.1 uF 16 V 0.0047 µF C25 Ceramic 50 V Electrolytic 50 V MS7 C26 3.3 µF $0.0047~\mu\text{F}$ C27 Ceramic 50 V C28 Ceramic 0.0047 µF 50 V C29 Ceramic 120 pF 50 V C30 Ceramic 22 pF 50 V 0.001 μF C31 Ceramic 50 V MS7 Electrolytic 3.3 µF C32 50 V 0.0047 µF C33 Ceramic 50 V C35 Barrier Layer 0.0047 µF 25 V 0.0047 μF C36 Barrier Layer 25 V Barrier Layer 0.0047 µF C37 25 V 0.0047 μF C38 50 V Ceramic $0.0047~\mu\text{F}$ 25 V C40 **Barrier Layer** C41 **Barrier Layer** 0.0047 µF 25 V C42 Barrier Layer 0.0047 µF 25 V C43 0.0047 µF 25 V **Barrier Layer** C44 Barrier Layer 0.0047 µF 25 V 0.0047 μF C45 **Barrier Layer** 25 V C46 **Barrier Layer** 0.0047 µF 25 V C47 Ceramic $0.0047~\mu F$ 50 V 0.0047 μF C48 Ceramic 50 V C49 Ceramic 0.0047 µF 50 V 0.0047 µF 50 V C50 Ceramic 0.0047 μF C51 Ceramic 50 V 0.0047 µF 50 V C52 Ceramic 0.0047 μF 50 V C53 Ceramic

[MAIN UNIT]

REF. NO.	DESCRIPTION	PART	NO.
C54	Ceramic	18 pF	50 V
C55	Barrier Layer	0.1 μF	16 V
C56 C57	Ceramic Ceramic	0.0047 μF 0.0047 μF	
C58	Ceramic	120 pF	50 V
C59	Barrier Layer	0.047 μF	25 V
C60	Barrier Layer	0.047 μF	
C61 C62	Electrolytic Ceramic	1 μF 0.0047 μF	50 V MS7 50 V
C63	Barrier Layer		V RAU06SA 561K
C64	Barrier Layer	0.047 pF	25 V
C65	Barrier Layer	0.047 μF	25 V
C66 C67	Barrier Layer Barrier Layer	0.047 μF 0.047 μF	25 V 25 V
C68	Barrier Layer	0.01 μF	25 V
C69	Ceramic	100 pF	50 V
C70	Barrier Layer	0.047 µF	25 V
C71 C72	Barrier Layer Barrier Layer	0.1 μF 0.01 μF	16 V 25 V
C73	Ceramic	0.001 μF	50 V
C74	Barrier Layer	0.01 μF	25 V
C75	Barrier Layer	0.0047 μF	
C76 C77	Ceramic Electrolytic	0.0047 μF 100 μF	50 V 10 V
C78	Barrier Layer	0.0047 μF	25 V
C79	Barrier Layer	0.0047 μF	
C80	Ceramic	0.0047 μF	
C81 C82	Ceramic Barrier Layer	0.0047 μF 0.0047 μF	
C83	Ceramic	0.0047 μF	
C84	Ceramic	100 pF	50 V CH
C85	Ceramic	47 pF	50 V CH
C86 C87	Ceramic Ceramic	4 pF 0.0047 μF	50 V 50 V
C88	Ceramic	470 pF	50 V
C89	Cylinder	4.7 pF	UP050SL 4R7K-NA
C90	Barrier Layer	0.1 μF	16 V
C91 C92	Barrier Layer Ceramic	0.1μF 10 pF	16 V 50 V
C93	Barrier Layer	0.1 μF	16 V
C94	Electrolytic	10 μF	16 V MS7
C95 C96	Ceramic	120 pF 22 pF	50 V SH 50 V
C97	Ceramic Ceramic	120 pF	50 V
C98	Barrier Layer	0.01 μF	25 V
C99	Ceramic	470 pF	50 V
C100 C101	Ceramic Ceramic	0.001 μF 33 pF	50 V 50 V
C102	Barrier Layer	0.01 μF	25 V
C103	Tantalum	2.2 µF	35 V DN
C104	Electrolytic	3.3 μF	50 V MS7 50 V
C105 C106	Ceramic Mylar	470 pF 0.033 μF	50 V F2D
C107	Mylar	0.033 μF	50 V F2D
C108	Barrier Layer	0.1 μF	16 V
C109 C110	Barrier Layer Barrier Layer	0.0015 μF 0.0015 μF	25 V 25 V
C110	Barrier Layer	0.0015 μF	
C112	Ceramic	0.0047 μF	50 V
C113	Electrolytic	0.1 μF	50 V MS7
C114 C115	Barrier Layer Barrier Layer	0.047 μF 0.047 μF	25 V 25 V
C116	Barrier Layer	0.047 μF	25 V
C117	Barrier Layer	0.01 μF	25 V
C118 C119	Barrier Layer Electrolytic	0.047 μF 4.7 μF	25 V 25 V MS7
C119	Barrier Layer	4.7 μF 0.0047 μF	25 V W37
C121	Electrolytic	47 μF	10 V
C122	Electrolytic	0.1 μF	50 V MS7
C123 C124	Electrolytic Ceramic	0.47 μF 120 pF	50 V MS7 50 V
C125	Cylinder	100 pF	UP050B 101K-NA
C126	Cylinder	22 pF	UP050SL 220J-NA
C127	Barrier Layer	0.047 μF	25 V 10 V
C128	Electrolytic	47 μF	10 4

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C129	REF. NO.	DESCRIPTION	PART	NO.	****
C130	C129	Electrolytic	10 μF	16 V	MS7
C132		1	•		
C133		1 7			
C134 Barrier Layer 0.0047 μF 25 V C135 Ceramic 39 pF 50 V CH C137 Trimmer 30 pF 50 V CH C138 Ceramic 0.0047 μF 50 V CH C139 Ceramic 0.0047 μF 50 V CH C140 Ceramic 0.001 μF 50 V CH C141 Ceramic 0.001 μF 50 V CH C142 Barrier Layer 0.0047 μF 25 V C143 Barrier Layer 0.0047 μF 25 V C144 Barrier Layer 0.0047 μF 25 V C145 Tantalum 1 μF 35 V DN C146 Ceramic 0.0047 μF 25 V C147 Barrier Layer 0.0047 μF 25 V C148 Ceramic 0.0047 μF 25 V C149 Ceramic 0.0047 μF 50 V C150 Mylar 0.0047 μF 50 V C150 Mylar 0.0047 μF 50 V C150 Mylar 0.0047 μF 50 V C151 Ceramic 0.0047 μF 50 V C151 Ceramic 0.0047 μF 50 V C152 Tantalum 0.68 μF 35 V DN C153 Electrolytic 10 μF 16 V MS7 C154 Electrolytic 10 μF 16 V MS7 C155 Electrolytic 10 μF 16 V MS7 C156 Electrolytic 10 μF 16 V MS7 C156 Electrolytic 10 μF 16 V MS7 C157 Electrolytic 10 μF 16 V MS7 C158 Electrolytic 10 μF 16 V MS7 C160 Electrolytic 0.1 μF 50 V MS7 C160 Electrolytic 0.1 μF 50 V MS7 C161 Barrier Layer 0.0047 μF 50 V C162 Ceramic 0.0047 μF 50 V C163 Ceramic 0.0047 μF 50 V C163 Ceramic 0.0047 μF 50 V C164 Ceramic 0.0047 μF 50 V C165 Ceramic 0.0047 μF 50 V C166 Ceramic 0.0047 μF 50 V C166 Ceramic 0.0047 μF 50 V C166 Ceramic 0.0047 μF 50 V C170 Tantalum 0.0047 μF 50 V C171 Electrolytic 0.0047 μF 50 V C172 Barrier Layer 0.0047 μF 50 V C173 Electrolytic 10 μF 16 V MS7 C174 Electrolytic 10 μF 16 V MS7 C174 Electrolytic 10 μF 16 V MS7 C174 Electrolytic 10 μF 10 V C173 Electrolytic 10 μF 10 V C173 Electrolytic 10 μF 50 V MS7 C174 Electrolytic 10 μF 50 V MS7 C174 Electrolytic 0.22 μF 50 V E2D C175 Electrolytic 0.0047 μF 50 V MS7 C186 Electrolyti	1		•		F2U
C136	1				
C137 Trimmer 30 pF	C135	Ceramic			
C138	1	i	•		
C139			•		E3001
C140		l	•		СН
C142 Barrier Layer C1047 μF 25 V C143 Barrier Layer C1047 μF 25 V C144 Barrier Layer C10047 μF 25 V C145 Tantalum 1 μF 35 V DN C146 Ceramic C22 pF 50 V C147 Barrier Layer C10047 μF 25 V C148 Ceramic C10047 μF 50 V C149 Ceramic C10047 μF 50 V C150 Mylar C149 Ceramic C27 pF 50 V C151 Ceramic C27 pF 50 V C151 Ceramic C27 pF 50 V C152 Tantalum C188 μF 35 V DN C153 Electrolytic 10 μF 16 V MS7 C154 Electrolytic 10 μF 16 V MS7 C155 Electrolytic 10 μF 16 V MS7 C156 Electrolytic 10 μF 16 V MS7 C156 Electrolytic 10 μF 16 V MS7 C156 Electrolytic 10 μF 16 V MS7 C158 Electrolytic 10 μF 16 V MS7 C158 Electrolytic 0.1 μF 50 V MS7 C161 Barrier Layer C.0047 μF 50 V C162 Ceramic C.0047 μF 50 V C164 Ceramic C.0047 μF 50 V C165 Ceramic C100 pF 50 V C165 Ceramic C100 pF 50 V CH C166 Ceramic C100 pF 50 V CH C166 Ceramic C100 pF 50 V CH C166 Ceramic C100 pF 50 V CH C168 Ceramic C100 μF 60 V C171 Electrolytic 1 μF 50 V MS7 C172 Electrolytic 1 μF 50 V MS7 C174 Ceramic C176 Barrier Layer C176 C177 Electrolytic 1 μF 50 V MS7 C174 Ceramic 470 pF 50 V C175 Tantalum C174 Ceramic 470 pF 50 V F2D C175 Tantalum C174 Ceramic 470 pF 50 V F2D C175 Tantalum C174 Ceramic C175 C174 Ceramic C176 C177 Mylar C172 Electrolytic 1 μF 50 V MS7 C186 Ceramic C100 pF 50 V F2D C176 Electrolytic 1 μF 50 V MS7 C186 Ceramic C100 pF 50 V F2D C176 Electrolytic 1 μF 50 V MS7 C186 Ceramic C100 pF C100		Ceramic	220 pF	50 V	CH
C143 Barrier Layer C1047 μF 25 V C144 Barrier Layer C1047 μF 25 V C145 Tantalum 1 μF 35 V DN C146 Ceramic C2 pF 50 V C147 Barrier Layer C1047 μF 50 V C148 Ceramic C149 Ceramic C1047 μF 50 V C149 Ceramic C149 Ceramic C1047 μF 50 V C150 Mylar C150 Mylar C151 Ceramic C151 Ceramic C151 Ceramic C152 Tantalum C153 Electrolytic C154 Electrolytic C154 Electrolytic C155 Electrolytic C156 Electrolytic C157 Electrolytic C157 Electrolytic C157 Electrolytic C157 Electrolytic C157 Electrolytic C157 Electrolytic C158 Electrolytic C159 Electrolytic C161 Barrier Layer C162 Ceramic C163 Ceramic C164 Ceramic C164 Ceramic C165 Ceramic C166 Ceramic C167 Barrier Layer C168 Ceramic C167 Barrier Layer C1047 μF 50 V C167 Electrolytic C168 Ceramic C167 Barrier Layer C1047 μF 50 V C167 Electrolytic C168 Ceramic C1047 μF 50 V C167 Electrolytic C168 Ceramic C1047 μF 50 V C169 Barrier Layer C1147 μF 50 V MS7 C172 Electrolytic C174 Ceramic C175 Electrolytic C176 Electrolytic C177 Electrolytic C178 Electrolytic C179 Electrolytic C180 Electrolytic C181 C182 Electrolytic C184 C185 Ceramic C194 C185 Ceramic C194 C195 C19					
C144 Barrier Layer	1	_	•		
C146			•		
C147 Barrier Layer	C145	Tantalum	1 μF		DN
C148			•		
C149					
C151 Ceramic 27 pF 50 V C152 Tantalum 0.88 μF 35 V DN C153 Electrolytic 10 μF 16 V MS7 C154 Electrolytic 10 μF 16 V MS7 C155 Electrolytic 10 μF 16 V MS7 C155 Electrolytic 10 μF 16 V MS7 C156 Electrolytic 10 μF 16 V MS7 C157 Electrolytic 10 μF 16 V MS7 C158 Electrolytic 10 μF 16 V MS7 C158 Electrolytic 10 μF 16 V MS7 C158 Electrolytic 10 μF 16 V MS7 C160 Electrolytic 0.1 μF 50 V MS7 C161 Barrier Layer 0.0047 μF 25 V C162 Ceramic 10 pF 50 V C163 Ceramic 10 pF 50 V C164 Ceramic 100 pF 50 V CH C165 Ceramic 100 pF 50 V CH C166 Ceramic 100 pF 50 V CH C167 Barrier Layer 0.1 μF 16 V C168 Ceramic 0.0047 μF 25 V C169 Barrier Layer 0.0047 μF 25 V C170 Tantalum 0.47 μF 35 V DN C171 Electrolytic 1 μF 50 V MS7 C172 Barrier Layer 0.01 μF 16 V MS7 C173 Electrolytic 10 μF 16 V MS7 C174 Ceramic 470 pF 50 V C175 Tantalum 10 μF 16 V MS7 C176 Mylar 0.022 μF 50 V F2D C177 Mylar 0.022 μF 50 V F2D C178 Mylar 0.022 μF 50 V F2D C179 Electrolytic 1 μF 50 V MS7 C180 Electrolytic 1 μF 50 V MS7 C181 Mylar 0.022 μF 50 V F2D C182 Electrolytic 1 μF 50 V MS7 C183 Cylinder 22 pF UP050SL 220J-NA Cylinder 100 pF 10050B 101K-NA C186 Ceramic 0.0047 μF 50 V C187 Electrolytic 1 μF 50 V MS7 C188 Electrolytic 1 μF 50 V MS7 C189 Electrolytic 1 μF 50 V MS7 C190 Electrolytic 1 μF 50 V MS7 C191 Electrolytic 1 μF 50 V MS7 C192 Electrolytic 1 μF 50 V MS7 C193 Ceramic 0.0047 μF 50 V C194 Electrolytic 1 μF 50 V MS7 C195 Electrolytic 1 μF 50 V MS7 C196 Electrolytic 1 μF 50 V MS7 C197 Electrolytic 1 μF 50 V MS7 C198 Electrolytic 1 μF 50 V MS7 C199 Electrolytic 1 μF 50 V MS7 C191 Electrolytic 1 μF 50 V MS7 C192 Electrolytic 1 μF 50 V MS7 C193 Ceramic 470 pF 50 V C195 Electrolytic 10 μF 16 V MS7 C196 Electrolytic 10 μF 16 V MS7 C197 Electrolytic 10 μF 16 V MS7 C198 Electrolytic 10 μF 16 V MS7 C199 Electrolytic 10 μF 25 V MS7					
C152		Mylar	0.0047 μF	50 V	F2D
C153			•		DN
C154					
C155		•	•		
C157		•	•	16 V	MS7
C158			•		
C160		•	•		
C161			•		
C163		•	•		
C164			•		
C165		i i i	•		•
C166			•		CH
C168 Ceramic 0.0047 μF 50 V C169 Barrier Layer 0.0047 μF 25 V C170 Tantalum 0.47 μF 35 V DN C171 Electrolytic 1 μF 50 V MS7 C172 Barrier Layer 0.01 μF 25 V C173 Electrolytic 10 μF 16 V MS7 C174 Ceramic 470 pF 50 V F2D C175 Tantalum 10 μF 16 V DN C176 Mylar 0.022 μF 50 V F2D C177 Mylar 0.022 μF 50 V F2D C179 Electrolytic 47 μF 10 V E1D C180 Electrolytic 1 μF 50 V MS7 C181 Mylar 0.022 μF 50 V MS7 C182 Electrolytic 1 μF 50 V MS7 C183 Cylinder 22 μF 50 V MS7 C184 Cylinder 100 μF	f .		•	50 V	CH
C169		-	•		
C170			•		
C171		•	•		DN
C173	C171	Electrolytic	1 μF		MS7
C174 Ceramic 470 pF 50 V C175 Tantalum 10 μF 16 V DN C176 Mylar 0.022 μF 50 V F2D C177 Mylar 0.022 μF 50 V F2D C178 Mylar 0.022 μF 50 V F2D C179 Electrolytic 47 μF 10 V C180 Electrolytic 1 μF 50 V MS7 C181 Mylar 0.022 μF 50 V F2D C182 Electrolytic 0.22 μF 50 V MS7 C183 Cylinder 22 pF UP050SL 220J-NA C184 Cylinder 100 pF UP050B 101K-NA C185 Ceramic 0.0047 μF 50 V C186 Ceramic 0.0047 μF 50 V C187 Barrier Layer 0.1 μF 16 V C188 Electrolytic 1 μF 50 V MS7 C190 Electrolytic 1 μF 50 V MS7 C191 Electrolytic 1 μF 50 V MS7 C192 Barrier Layer 0.1 μF 16 V C193 Ceramic 470 pF 50 V C194 Electrolytic 1 μF 50 V MS7 C195 Electrolytic 10 μF 16 V C196 Barrier Layer 0.1 μF 16 V C197 Electrolytic 10 μF 16 V C198 Electrolytic 10 μF 16 V C199 Electrolytic 10 μF 50 V C199 Electroly					MC7
C175		<u>-</u>	•		MOI
C177			•		DN
C178					
C179 Electrolytic 47 μF 10 V C180 Electrolytic 1 μF 50 V MS7 C181 Mylar 0.022 μF 50 V F2D C182 Electrolytic 0.22 μF 50 V MS7 C183 Cylinder 22 pF UP050SL 220J-NA C184 Cylinder 100 pF UP050B 101K-NA C185 Ceramic 0.0047 μF 50 V C186 Ceramic 0.0047 μF 50 V C187 Barrier Layer 0.1 μF 16 V C188 Electrolytic 1 μF 50 V MS7 C189 Electrolytic 3.3 μF 50 V MS7 C190 Electrolytic 1 μF 50 V MS7 C191 Electrolytic 0.22 μF 50 V MS7 C192 Barrier Layer 0.1 μF 16 V C193 Ceramic 470 pF 50 V C194 Electrolytic 10 μF 16 V C195 Electrolytic 10 μF 16 V C196 Barrier Layer 0.1 μF 16 V C197 Electrolytic 10 μF 16 V C198 C199 C199 C199 C199 C199 C199 C199			•		
C180 Electrolytic 1 μF 50 V M97 C181 Mylar 0.022 μF 50 V F2D C182 Electrolytic 0.22 μF 50 V MS7 C183 Cylinder 22 pF UP050SL 220J-NA C184 Cylinder 100 pF UP050B 101K-NA C185 Ceramic 0.0047 μF 50 V C186 Ceramic 0.0047 μF 50 V C187 Barrier Layer 0.1 μF 16 V C188 Electrolytic 1 μF 50 V MS7 C189 Electrolytic 1 μF 50 V MS7 C190 Electrolytic 1 μF 50 V MS7 C191 Electrolytic 0.22 μF 50 V MS7 C192 Barrier Layer 0.1 μF 16 V V C193 Ceramic 470 pF 50 V V C194 Electrolytic 10 μF 16 V MS7 C194 Electrolytic 10 μF					1 20
C182 Electrolytic 0.22 μF 50 V MS7 C183 Cylinder 22 pF UP050SL 220J-NA C184 Cylinder 100 pF UP050B 101K-NA C185 Ceramic 0.0047 μF 50 V C186 Ceramic 0.0047 μF 50 V C187 Barrier Layer 0.1 μF 16 V C188 Electrolytic 1 μF 50 V MS7 C189 Electrolytic 3.3 μF 50 V MS7 C190 Electrolytic 1 μF 50 V MS7 C191 Electrolytic 0.22 μF 50 V MS7 C192 Barrier Layer 0.1 μF 16 V C C193 Ceramic 470 pF 50 V MS7 C194 Electrolytic 10 μF 16 V MS7 C194 Electrolytic 10 μF 16 V MS7 C195 Electrolytic 10 μF 50 V MS7 C195 Electrolytic 1 μF <td></td> <td>-</td> <td>•</td> <td></td> <td>MS7</td>		-	•		MS7
C183					
C184 Cylinder 100 pF UP050B 101K-NA C185 Ceramic 0.0047 μF 50 V C186 Ceramic 0.0047 μF 50 V C187 Barrier Layer 0.1 μF 16 V C188 Electrolytic 1 μF 50 V MS7 C189 Electrolytic 3.3 μF 50 V MS7 C190 Electrolytic 1 μF 50 V MS7 C191 Electrolytic 0.22 μF 50 V MS7 C192 Barrier Layer 0.1 μF 16 V C193 Ceramic 470 pF 50 V C194 Electrolytic 10 μF 16 V MS7 (IC-575A) Ceramic 470 pF 50 V (IC-575H) C195 Electrolytic 1 μF 50 V MS7 C196 Barrier Layer 0.0047 μF 25 V C197 Electrolytic 4.7 μF 25 V MS7			•		
C185		•	•		
C187	C185	Ceramic	0.0047 μF		
C188	1		•		
C189	1 i		•		MS7
C190	3 1		•		
C192 Barrier Layer 0.1 μF 16 V C193 Ceramic 470 pF 50 V C194 Electrolytic 10 μF 16 V MS7 (IC-575A) Ceramic 470 pF 50 V (IC-575H) C195 Electrolytic 1 μF 50 V MS7 C196 Barrier Layer 0.0047 μF 25 V C197 Electrolytic 4.7 μF 25 V MS7	C190	Electrolytic	1 μF		
C193	1	•	•		MS7
C194 Electrolytic 10 μF 16 V MS7 (IC-575A) Ceramic 470 pF 50 V (IC-575H) C195 Electrolytic 1 μF 50 V MS7 C196 Barrier Layer 0.0047 μF 25 V C197 Electrolytic 4.7 μF 25 V MS7	I	-			
(IC-575A) Ceramic 470 pF 50 V (IC-575H) C195 Electrolytic 1 μF 50 V MS7 C196 Barrier Layer 0.0047 μF 25 V C197 Electrolytic 4.7 μF 25 V MS7			•		MS7
(IC-575H) C195 Electrolytic 1 μF 50 V MS7 C196 Barrier Layer 0.0047 μF 25 V C197 Electrolytic 4.7 μF 25 V MS7		(IC-575A)			
C195 Electrolytic 1 μF 50 V MS7 C196 Barrier Layer 0.0047 μF 25 V C197 Electrolytic 4.7 μF 25 V MS7			470 pF	50 V	
C196 Barrier Layer 0.0047 μF 25 V C197 Electrolytic 4.7 μF 25 V MS7	C195		1 vF	50 V	MS7
C197 Electrolytic 4.7 µF 25 V MS7		•			···· ·· :
	C197	Electrolytic	4.7 μF	25 V	MS7
C198 Ceramic 470 pF 50 V C199 Electrolytic 0.47 µF 50 V MS7					MS7
C199		-	•		
C202 Electrolytic 0.22 µF 50 V MS7		-	•		

REF. NO.	DESCRIPTION	PART	NO.	
C203	Electrolytic	100 μF	10 V	SS
C204	Mylar	0.022 μF	50 V	F2D
C205	Mylar	0.0022 μF	50 V	F2D
C206	Electrolytic	2.2 μF	50 V	MS7
C207	Barrier Layer	0.1 μF	16 V	
C208	Ceramic	470 pF	50 V	
C209	Electrolytic (IC-575A)	470 μF	25 V	SS
	Electrolytic (IC-575H)	1000 μF	50 V	MS16
C210	Electrolytic	47 μF	16 V	SS
C211	Electrolytic	470 μF	16 V	SS
C212	Electrolytic	4.7 μF	25 V	MS7
C213	Ceramic (IC-575A)	0.0047 μF		
	Ceramic (IC-575H)	220 pF	50 V	
C214	Ceramic (IC-575A)	0.0047 μF	50 V	
	Ceramic (IC-575H)	220 pF	50 V	
C215	Ceramic	0.001 μF	50 V	
C216	Electrolytic	4.7 μF	25 V	MS7
C217	Ceramic	0.001 μF	50 V	
C218	Barrier Layer	0.1 μF	16 V	
C219	Ceramic	0.001 μF	50 V	
C220	Barrier Layer	0.0047 μF		
C221	Tantalum (IC-575A)	10 μF	16 V	DN
	Tantalum (IC-575H)	2.2 μF	16 V	DN
C222	Tantalum (IC-575A)	1 μF	35 V	DN
	Tantalum (IC-575H)	4.7 μF	35 V	DN
C223	Ceramic	0.001 μF	50 V	
C224	Electrolytic	47 μF	10 V	
C225	Barrier Layer	0.0047 μF		_
C226	Electrolytic	0.47 μF	50 V	BP
C227	Barrier Layer Electrolytic	0.047 μF 47 μF	25 V 10 V	
C228 C229	Electrolytic	4.7 μF	25 V	MS7
C230	Electrolytic	4.7 μF	25 V	MS7
C231	Electrolytic	4.7 μF	25 V	MS7
C232	Barrier Layer	0.1 μF	16 V	
C233	Electrolytic	100 μF	10 V	
C234	Electrolytic	4.7 μF	25 V	MS7
C235	Electrolytic	10 μF	16 V	MS7
C236	Electrolytic	10 μF	16 V	MS7
C237	Electrolytic	10 μF	16 V 50 V	MS7 MS7
C238 C239	Electrolytic Mylar	0.47 μF 0.0022 μF	50 V	F2D
C240	Electrolytic	47 μF	10 V	, 25
C241	Electrolytic	10 μF	16 V	MS7
C242	Electrolytic	10 μF	16 V	MS7
C243	Ceramic	0.001 μF	50 V	
C244	Mylar	0.0022 μF	50 V	F2D
C245	Ceramic	120 pF	50 V	M07
C246	Electrolytic	10 μF	16 V	MS7
C247	Electrolytic Tantalum	10 μF 0.1 μF	16 V 35 V	MS7 DN
C248 C249	Mylar	0.1 μF 0.001 μF	50 V	F2D
C250	Electrolytic	0.001 μι 10 μF	16 V	MS7
C251	Tantalum	1 μF	35 V	DN
C252	Electrolytic	47 μF	10 V	MS9
C253	Tantalum	0.1 μF	35 V	DN
C254	Tantalum	10 μF	16 V	DN
C255	Barrier Layer	0.0047 μF	25 V	
C258	Barrier Layer	0.0047 μF		ļ
C259	Barrier Layer	0.0033 μF	25 V 16 V	ļ
C260 C261	Barrier Layer Mylar	0.1 μF 0.0022 μF	16 V 50 V	F2D
C262	Mylar Mylar	0.0022 μF 0.01 μF	50 V	F2D
C263	Electrolytic	0.47 μF	50 V	MS7
C264	Electrolytic	0.47 μF	50 V	MS7

REF. NO.	DESCRIPTION	PART		
C265 C267	Electrolytic	470 μF 0.1 μF	25 V 16 V	SS
C267 C268	Barrier Layer Electrolytic	0.1 μF 10 μF	16 V 16 V	MS7
C269	Tantalum	10 μF 1 μF	35 V	DN
C270	Ceramic	0.0047 µF	50 V	
C271	Ceramic	0.0047 μF	50 V	
C272 C273	Electrolytic Barrier Layer	0.47 μF 0.0047 μF	50 V 25 V	BP
C273 C274	Barrier Layer Barrier Layer	0.0047 μF 0.0047 μF		
C274 C275	Ceramic		25 V 50 V	
C276	Cylinder	0.001 μF	UP050	0B 102K-NA
C277	Ceramic	0.0047 µF	GRM4	40
C278	Ceramic	0.0047 μF	50 V	
C280	Tantalum	10 μF	16 V	DN
	(IC-575H only)			
J1	Connector	B08B-EH-S		
J2	Connector	TMP-J01X-		
J3 J4	Connector	B07B-EH-S		
J4 J5	Connector Connector	B04B-EH-S B05B-EH-S		
J5 J6	Connector Connector	805B-EH-S B12B-EH-S		
J7	Connector	HSJ0807-0		
J8	Connector	B10B-EH-S	3	
19	Connector	B04B-EH-S	3	
J10	Connector	B05B-EH-S		
J11	Connector	BOSB-EH-S		
J12	Connector	B09B-EH-S		
J13 J14	Connector	B08B-EH-S B12B-EH-S		
J14 J15	Connector Connector	B12B-EH-S HSJ0807-01		
J15 J16	Connector	HSJ0807-01 B05B-EH-S		
J17	Connector	B03B-EH-S		
J18	Connector	001P1100		
J19	Connector	001P1100		
S1	Switch	SSSU12209	48	
S2	Switch	SSSS31124		
S3	Switch	SSSS31124	4A	
S4	Switch	SSSS31124	4A	
S5	Switch	SSSU12209	B	
SO1	Socket	50864-1		
SO2	Socket	50864-1		
SO3	Socket	50864-1		
SO4	Socket	50864-1		
SO5	Socket	50864-1		
SO6	Socket	50864-1		
SO7	Socket	50864-1		
SO8	Socket	50864-1		
EP1	P.C. Board	B-1415E (M		-,
EP2	P.C. Board	B-1491C (J	UMPER	4)
W130	Jumper	JPW-02A		
W156	Jumper	JPW-01 R-0	11	
W158	Jumper	JPW-02A		
l į	(IC-575H only)			
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[SQL UNIT]

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REF. NO.	DESCRIPTION	PART	NO.
IC1	IC	NJM4558N	И
Q1	Transistor	2SC2712 '	Y
Q2	Transistor	2SC3395	
D1	Diode	HSM88AS	
R1	Resistor	2.2 kΩ	MCR10
R2	Resistor	470 kΩ	MCR10
R3	Resistor	4.7 kΩ	MCR10
R4	Resistor	10 kΩ	MCR10
R5	Resistor	10 kΩ	MCR10
R6	Resistor	470 kΩ	MCR10
R7	Resistor	470 kΩ	MCR10
R8	Resistor	1 kΩ	MCR10
R9	Resistor	6.8 kΩ	MCR10
R10 R11	Resistor Resistor	47 kΩ 100 kΩ	MCR10 MCR10
RII	nesistor	100 K22	MONTO
C1	Ceramic	330 pF	GRM40
C2	Ceramic	150 pF	
C3	Ceramic	470 pF	GRM40
C4	Ceramic		GRM40 F
C5	Ceramic		GRM40
C6	Ceramic	0.1 μF	GRM40 F
EP1	P.C. Board	B-1255A	

[RF-YGR UNIT]

REF. NO.	DESCRIPTION	PART NO.
IC1	IC	ND487C1-3R
Q1	Transistor	2SC2026
Q2	Transistor	2SC2053
Q4	Transistor	RN1202
Q5	Transistor	RN2202
Q6	Transistor	RN1202
Q7	Transistor	RN2202
Q8	Transistor	RN1202
Q9	Transistor	RN2202
Q10	Transistor	2SC2668
Q11	Transistor	2SC2053
Q12	FET	3SK74 M
Q13	FET	3SK74 K
Q14	FET	3SK74 K
Q15	FET	3SK74 M
Q16	FET	2SK125
Q17	FET	2SK125
Q18	FET	2SK125
Q19	FET	2SK125
D1	Diode	18953
D2	Diode	1SS53
D3	Diode	1SS53
D4	Diode	1SS53
D5	Diode	1SS53
D6	Diode	18853

[RF-YGR UNIT]

[RF-YGR UNIT]

D7	
D9	
D10	
D11	
D12	
D13	
D14	
Fi1 Crystal FL-64	
L1 Coii LALO3NA 101K 100μ L2 Coii LALO3NA 101K 100μ L3 Coii LALO3NA 101K 100μ L4 Coii LALO3NA 101K 100μ L5 Coii LALO3NA 101K 100μ L6 Coii LALO3NA 101K 100μ L7 Coii LALO3NA 101K 100μ L8 Coii LALO3NA 101K 100μ L9 Coii LALO3NA R22M 0.22μ L10 Coii LALO3NA R27M 0.27μ L11 Coii LALO3NA R27M 0.27μ L12 Coii LALO3NA R27M 0.27μ L13 Coii LALO3NA R27M 0.27μ L14 Coii LALO3NA R0K 10μ L15 Coii LALO3NA R0K 10μ L16 Coii LALO3NA R22M 0.22μ L17 Coii LALO3NA R22M 0.22μ L18 Coii LALO3NA R22M 0.22μ L19 Coii LALO3NA R22M 0.22μ L17 Coii LALO3NA R22M 0.22μ L18 Coii LALO3NA R22M 0.22μ L19 Coii LALO3NA 100K 10μ L10 Coii LALO3NA 100K 10μ L10 Coii LALO3NA 100K 10μ L20 Coii LA-254 L21 Coii LA-254 L21 Coii LA-258 L22 Coii LA-266 L23 Coii LA-266 L24 Coii LA-266 L25 Coii LA-266 L26 Coii LALO3NA 100K 10μ (IC-575A)	
L1 Coii LALO3NA 101K 100μ L2 Coii LALO3NA 101K 100μ L3 Coii LALO3NA 101K 100μ L4 Coii LALO3NA 101K 100μ L5 Coii LALO3NA 101K 100μ L6 Coii LALO3NA 101K 100μ L7 Coii LALO3NA 101K 100μ L8 Coii LALO3NA 101K 100μ L9 Coii LALO3NA R22M 0.22μ L10 Coii LALO3NA R27M 0.27μ L11 Coii LALO3NA R27M 0.27μ L12 Coii LALO3NA R27M 0.27μ L13 Coii LALO3NA R27M 0.27μ L14 Coii LALO3NA R0K 10μ L15 Coii LALO3NA R0K 10μ L16 Coii LALO3NA R22M 0.22μ L17 Coii LALO3NA R22M 0.22μ L18 Coii LALO3NA R22M 0.22μ L19 Coii LALO3NA R22M 0.22μ L17 Coii LALO3NA R22M 0.22μ L18 Coii LALO3NA R22M 0.22μ L19 Coii LALO3NA 100K 10μ L10 Coii LALO3NA 100K 10μ L10 Coii LALO3NA 100K 10μ L20 Coii LA-254 L21 Coii LA-254 L21 Coii LA-258 L22 Coii LA-266 L23 Coii LA-266 L24 Coii LA-266 L25 Coii LA-266 L26 Coii LALO3NA 100K 10μ (IC-575A)	
L2	
L3 Coii LALO3NA 101K 100μ L4 Coii LALO3NA 101K 100μ L5 Coii LALO3NA 101K 100μ L6 Coii LALO3NA 101K 100μ L7 Coii LALO3NA 101K 100μ L8 Coii LALO3NA R22M 0.22μ L9 Coii LALO3NA R27M 0.27μ L10 Coii LALO3NA R27M 0.27μ L11 Coii LALO3NA R27M 0.27μ L12 Coii LALO3NA R27M 0.27μ L13 Coii LALO3NA R27M 0.22μ L14 Coii LALO3NA R00K 10μ L14 Coii LALO3NA R00K 10μ L15 Coii LALO3NA R22M 0.22μ L15 Coii LALO3NA R22M 0.22μ L16 Coii LALO3NA R22M 0.22μ L17 Coii LALO3NA R22M 0.22μ L18 Coii LALO3NA R22M 0.22μ L19 Coii LALO3NA 100K 10μ L20 Coii LALO3NA 100K 10μ L20 Coii LA-254 L21 Coii LA-254 L21 Coii LA-258 L24 Coii LA-266 L23 Coii LA-266 L25 Coii LA-266 L26 Coii LA-2758 L27 Coii LALO3NA 100K 10μ (IC-575A)	
L4 Coii	
L5 Coll LALO3NA 101K 100μ L6 Coll LALO3NA 101K 100μ L7 Coll LALO3NA 101K 100μ L8 Coll LALO3NA R22M 0.22μ L9 Coll LALO3NA R27M 0.27μ L10 Coll LALO3NA R27M 0.27μ L11 Coll LALO3NA R27M 0.27μ L12 Coll LALO3NA R27M 0.27μ L12 Coll LALO3NA R00K 10μ L13 Coll LALO3NA 100K 10μ L14 Coll LALO3NA R22M 0.22μ L15 Coll LALO3NA R22M 0.22μ L16 Coll LALO3NA R22M 0.22μ L17 Coll LALO3NA R22M 0.22μ L17 Coll LALO3NA R22M 0.22μ L19 Coll LALO3NA R00K 10μ L19 Coll LALO3NA 100K 10μ L19 Coll LALO3NA 100K 10μ L20 Coll LA-254 L21 Coll LA-254 L21 Coll LA-258 L24 Coll LA-258 L24 Coll LA-258 L25 Coll LA-258 L26 Coll LA-258 L27 Coll LALO3NA 100K 10μ (IC-575A)	
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L23 Coll LA-258 L24 Coil LAL03NA 100K 10μ L25 Coil LAL03NA 100K 10μ L26 Coil LAL03NA 100K 10μ (IC-575A) Coil LAL03NA 102K 1000μ (IC-575H)	
L25 Coll LAL03NA 100K 10μ L26 Coll LAL03NA 100K 10μ (IC-575A) Coll LAL03NA 102K 1000μ (IC-575H)	
L26 Coil LAL03NA 100K 10μ (IC-575A) Coll LAL03NA 102K 1000μ (IC-575H)	
(IC-575A) Coll LAL03NA 102K 1000μ (IC-575H)	
(IC-575H)	
l ' '	
L27 Coil LAL03NA 100K 10μ	
L28 Coil LAL03NA 100K 10μ (IC-575A)	
Coil LAL03NA R22M 0.22μ (IC-575H)	
L29 Coil LA-247	
L30 Coil LAL03NA 100K 10μ	
L31 Coil LR-116	
L32 Coil LAL03NA 1R2M 1.2µ L33 Coil LS-254	
L33 Coil L3-254 L34 Coil LAL03NA R27M 0.27µ	
L35 Coll LAL03NA R22M 0.22µ	
L36 Coil LAL03NA R27M 0.27μ	
L37 Coil LAL03NA R33M 0.33µ	
L38 Coil LS-284	
L39 Coll LS-284	
L40 Coll	-
L42 Coil LA-237	İ
L43 Coll LA-236	
L44 Coil LS-114	
L45 Coll LS-284	
L46 Coil LS-198	
L47 Coil	
L49 Coil LS-163	
L50 Coll LR-178	
L51 Coil LS-254	
L52 Coll LS-254	
L53 Coil LS-114	
L54 Coil LS-254	

L55	REF. NO.	DESCRIPTION	PART	NO.
L56	1.55	Coil	I S-254	
LS-198				100K 10µ
L59	L57	Coil	LS-198	,
Le0	L58	Coil	LR-116	
Lest	1			
L62	i			•
L63	1			100Κ 10μ
Resistor		i		100K 10u
R2				•
R2				
R3 Resistor 100 Ω ELR20 R4 Resistor 100 Ω ELR20 R5 Resistor 150 Ω ELR20 R6 Resistor 1.5 kΩ ELR20 R7 Resistor 1.5 kΩ ELR20 R8 Resistor 4.7 Ω R20 R9 Resistor 4.7 Ω R20 R10 Resistor 470 Ω ELR20 (IC-575A) Resistor 470 Ω ELR20 (IC-575H) Resistor 470 Ω ELR20 R11 Resistor 150 Ω ELR25 R13 Resistor 150 Ω ELR25 R13 Resistor 1.8 kΩ ELR20 R14 Resistor 1.8 kΩ ELR20 R14 Resistor 4.7 kΩ ELR20 R16 Resistor 4.7 kΩ ELR20 R16 Resistor 4.7 kΩ ELR20 R17 Resistor 4.7 kΩ ELR20	R1	Resistor	1 kΩ	R20
R4 Resistor 100 Ω ELR20 R6 Resistor 150 Ω ELR20 R7 Resistor 1.5 kΩ ELR20 R7 Resistor 6.8 kΩ ELR20 R9 Resistor 4.7 Ω R20 R10 Resistor 470 Ω ELR20 (IC-575A) Resistor 470 Ω ELR20 (IC-575H) Resistor 68 Ω R20 (IC-575A) Resistor 68 Ω R20 (IC-575H) Resistor 4.7 kΩ R20 R12 Resistor 150 Ω ELR25 R13 Resistor 1.8 kΩ ELR20 R14 Resistor 4.7 kΩ R20 R17 Resistor 4.7 kΩ ELR20 R16 Resistor 4.7 kΩ ELR20 R17 Resistor 4.7 kΩ ELR20 R18 Resistor 4.7 kΩ R20 R21 Resistor 4.7 kΩ R20	R2	Resistor	100 Ω	ELR20
R5 Resistor 1 kΩ ELR20 R6 Resistor 150 Ω ELR20 R7 Resistor 6.8 kΩ ELR20 R8 Resistor 6.8 kΩ ELR20 R9 Resistor 4.7 Ω R20 R10 Resistor 470 Ω ELR20 (IC-575A) Resistor 470 Ω ELR20 (IC-575H) Resistor 22 Ω R20 R11 Resistor 22 Ω R20 (IC-575H) Resistor 470 Ω ELR25 R13 Resistor 150 Ω ELR25 R13 Resistor 1.8 kΩ ELR20 R14 Resistor 1.8 kΩ ELR20 R15 Resistor 4.7 kΩ ELR20 R16 Resistor 4.7 kΩ ELR20 R16 Resistor 4.7 kΩ ELR20 R17 Resistor 4.7 kΩ ELR20 R19 Resistor 4.7 kΩ ELR20				
Resistor 150 Ω ELR20 R7 Resistor 1.5 kΩ ELR20 R8 Resistor 6.8 kΩ ELR20 R9 Resistor 1.8 kΩ ELR20 R10 Resistor 4.7 Ω R20 R11 Resistor 22 Ω R20 (IC-575A) Resistor 68 Ω R20 (IC-575H) Resistor 470 Ω ELR20 (IC-575H) Resistor 150 Ω ELR25 R13 Resistor 4.7 kΩ R20 R14 Resistor 4.7 kΩ R20 R15 Resistor 4.7 kΩ ELR20 R16 Resistor 4.7 kΩ ELR20 R17 Resistor 4.7 kΩ ELR20 R18 Resistor 4.7 kΩ ELR20 R19 Resistor 4.7 kΩ ELR20 R19 Resistor 4.7 kΩ ELR20 R20 Resistor 4.7 kΩ ELR20 R21 Resistor 4.7 kΩ ELR20 R22 Resistor 4.7 kΩ R20 R23 Resistor 4.7 kΩ R20 R24 Resistor 4.7 kΩ R20 R25 Resistor 4.7 kΩ R20 R26 Resistor 4.7 kΩ R20 R27 Resistor 4.7 kΩ R20 R28 Resistor 100 Ω ELR20 R29 Resistor 100 Ω ELR20 R29 Resistor 4.7 kΩ R20 R29 Resistor 4.7 kΩ R20 R29 Resistor 4.7 kΩ R20 R29 Resistor 100 Ω ELR20 R30 Resistor 4.7 kΩ R20 R29 Resistor 4.7 kΩ R20 R29 Resistor 4.7 kΩ R20 R29 Resistor 4.7 kΩ R20 R30 Resistor 4.7 kΩ R20 R31 Resistor 4.7 kΩ R20 R32 Resistor 4.7 kΩ ELR20 R33 Resistor 4.7 kΩ ELR20 R34 Resistor 4.7 kΩ ELR20 R35 Resistor 4.7 kΩ ELR20 R36 Resistor 4.7 kΩ ELR20 R37 Resistor 4.7 kΩ ELR20 R38 Resistor 100 kΩ ELR20 R39 Resistor 100 kΩ ELR20 R40 Resistor 4.7 kΩ ELR20 R41 Resistor 4.7 kΩ ELR20 R42 Resistor 4.7 kΩ ELR20 R43 Resistor 4.7 kΩ ELR20 R44 Resistor 4.7 kΩ ELR20 R45 Resistor 4.7 kΩ R20 R46 Resistor 4.7 kΩ R20 R47 Resistor 4.7 kΩ R20 R48 Resistor 4.7 kΩ R20 R49 Resistor 4.7 kΩ R20 R40 Resistor 4.7 kΩ R20 R41 Resistor 4.7 kΩ R20 R42 Resistor 4.7 kΩ R20 R43 Resistor 4.7 kΩ R20 R44 Resistor 4.7 kΩ R20 R45 Resistor 4.7 kΩ R20 R46 Trimmer 100 kΩ ELR20				· ·
R7				· ·
R8				
Resistor				
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Resistor	R10	i	1.8 kΩ	ELR20
R11			470 O	FL R20
(IC-575A) Resistor (IC-575H) R12 Resistor R13 Resistor R14 Resistor R15 R15 Resistor R15 Resistor R16 Resistor R17 Resistor R17 Resistor R17 Resistor R18 Resistor R19 Resistor R19 Resistor R19 Resistor R20 R20 R20 R20 R20 R20 R20 R20 R21 R20 R21 R20 R21 R20 R21 R20 R21 R20 R22 R20 R22 R20 R23 Resistor R24 Resistor R25 Resistor R26 R27 R27 R28 Resistor R27 R28 Resistor R27 R28 Resistor R28 Resistor R29 R29 Resistor R20 R29 Resistor R20 R20 R20 R21 R20 R22 R20 R22 R20 R22 R20 R23 R20 R24 R20 R25 R26 R27 R27 R28 R20 R27 R28 R20 R28 R20 R27 R29 R20 R20 R20 R20 R20 R21 R20 R20 R20 R21 R20 R20 R20 R21 R20 R20 R20 R21 R20 R20 R20 R21 R20 R20 R20 R20 R20 R20 R21 R20		(IC-575H)		
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R13	R12		150 Ω	ELR25
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R16 Resistor 560 Ω ELR20 R17 Resistor 4.7 kΩ ELR20 R18 Resistor 1 kΩ ELR20 R19 Resistor 33 Ω R20 R20 Resistor 47 Ω R20 R21 Resistor 47 kΩ R20 R22 Resistor 4.7 kΩ R20 R23 Resistor 4.7 kΩ R20 R24 Resistor 3.3 kΩ ELR20 R25 Resistor 100 Ω ELR20 R26 Resistor 100 Ω R20 R27 Resistor 100 Ω ELR20 R29 Resistor 270 Ω ELR20 R29 Resistor 560 Ω ELR20 R31 Resistor 47 Ω ELR20 R32 Resistor 47 Ω ELR20 R33 Resistor 47 Ω ELR20 R34 Resistor 47 Ω ELR20 R35 <td< td=""><td></td><td>Resistor</td><td></td><td></td></td<>		Resistor		
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R31 Resistor 3.3 kΩ ELR20 R32 Resistor 47 Ω ELR20 R33 Resistor 4.7 Ω R20 (IC-575A) Resistor 5.6 Ω R20 (IC-575H) R34 Resistor 47 Ω ELR20 R35 Resistor 100 Ω ELR20 R36 Resistor 100 kΩ ELR20 R37 Resistor 100 kΩ ELR20 (IC-575A) Resistor 47 kΩ ELR20 R38 Resistor 100 kΩ ELR20 R39 Resistor 470 Ω ELR20 R40 Resistor 100 Ω ELR20 R41 Resistor 100 Ω R20 R42 Resistor 47 kΩ R20 R43 Resistor 47 kΩ ELR20 R44 Resistor 47 kΩ ELR20 R45 Resistor 47 kΩ R20 R46 Trimmer 100 Ω RH0651C12J04A <td></td> <td></td> <td></td> <td></td>				
R32 Resistor 47 Ω ELR20 R33 Resistor 4.7 Ω R20 (IC-575A) Resistor 5.6 Ω R20 (IC-575H) R34 Resistor 47 Ω ELR20 R35 Resistor 100 Ω ELR20 R36 Resistor 100 kΩ ELR20 R37 Resistor 100 kΩ ELR20 (IC-575A) Resistor 47 kΩ ELR20 R38 Resistor 470 Ω ELR20 R39 Resistor 470 Ω ELR20 R40 Resistor 100 Ω ELR20 R41 Resistor 3.3 kΩ R20 R42 Resistor 47 kΩ R20 R43 Resistor 47 kΩ ELR20 R44 Resistor 47 kΩ R20 R44 Resistor 47 kΩ ELR20 R45 Resistor 47 kΩ ELR20 R46 Trimmer 100 Ω RH0651C12J04A				
R33				
Resistor (IC-575H) 5.6 Ω R20 R34 Resistor 47 Ω ELR20 R35 Resistor 100 Ω ELR20 R36 Resistor 100 $k\Omega$ ELR20 R37 Resistor 100 $k\Omega$ ELR20 (IC-575A) Resistor 47 $k\Omega$ ELR20 R38 Resistor 470 Ω ELR20 R39 Resistor 470 Ω ELR20 R40 Resistor 100 Ω ELR20 R41 Resistor 3.3 $k\Omega$ R20 R42 Resistor 47 $k\Omega$ R20 R43 Resistor 47 $k\Omega$ ELR20 R44 Resistor 47 $k\Omega$ R20 R44 Resistor 47 $k\Omega$ R20 R45 Resistor 47 $k\Omega$ R20 R46 Trimmer 100 Ω RH0651C12J04A R47 Resistor 1 $k\Omega$ ELR20 (IC-575A) Resistor 2.2 Ω ELR20 <td></td> <td></td> <td></td> <td></td>				
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R34 Resistor 47 Ω ELR20 R35 Resistor 100 Ω ELR20 R36 Resistor 100 Ω ELR20 R37 Resistor 100 Ω ELR20 (IC-575A) Resistor 47 Ω ELR20 R38 Resistor 100 Ω ELR20 R39 Resistor 470 Ω ELR20 R40 Resistor 100 Ω ELR20 R41 Resistor 3.3 Ω R20 R42 Resistor 47 Ω R20 R43 Resistor 47 Ω R20 R44 Resistor 47 Ω R20 R44 Resistor 47 Ω R20 R45 Resistor 47 Ω R20 R46 Trimmer 100 Ω RH0651C12J04A R47 Resistor 1 Ω ELR20 (IC-575A) Resistor 2.2 Ω ELR20			5.6 13	HZU
R35 Resistor 100 Ω ELR20 R36 Resistor 100 Ω ELR20 R37 Resistor 100 Ω ELR20 (IC-575A) Resistor 47 Ω ELR20 (IC-575H) R38 Resistor 100 Ω ELR20 R39 Resistor 470 Ω ELR20 R40 Resistor 100 Ω ELR20 R41 Resistor 3.3 Ω R20 R42 Resistor 47 Ω R20 R43 Resistor 47 Ω R20 R44 Resistor 47 Ω R20 R45 Resistor 47 Ω R20 R46 Trimmer 100 Ω RH0651C12J04A R47 Resistor 1 Ω ELR20 (IC-575A) Resistor 2.2 Ω ELR20	R34		47 Ω	ELR20
R37 Resistor (IC-575A) 100 kΩ ELR20 Resistor (IC-575A) 47 kΩ ELR20 R38 Resistor 100 kΩ ELR20 R39 Resistor 470 Ω ELR20 R40 Resistor 100 Ω ELR20 R41 Resistor 3.3 kΩ R20 R42 Resistor 47 kΩ R20 R43 Resistor 47 kΩ ELR20 R44 Resistor 47 kΩ ELR20 R45 Resistor 47 kΩ R20 R46 Trimmer 100 Ω RH0651C12J04A R47 Resistor 1 kΩ ELR20 (IC-575A) Resistor 2.2 Ω ELR20 (IC-575H) ELR20 ELR20		Resistor		1
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Resistor (IC-575H) 47 kΩ ELR20 R38 Resistor 100 kΩ ELR20 R39 Resistor 470 Ω ELR20 R40 Resistor 100 Ω ELR20 R41 Resistor 3.3 kΩ R20 R42 Resistor 47 kΩ R20 R43 Resistor 47 kΩ ELR20 R44 Resistor 47 kΩ ELR20 R45 Resistor 47 kΩ R20 R46 Trimmer 100 Ω RH0651C12J04A R47 Resistor 1 kΩ ELR20 (IC-575A) Resistor 2.2 Ω ELR20	н37		100 ΚΩ	ELH20
R38 Resistor 100 kΩ ELR20 R39 Resistor 470 Ω ELR20 R40 Resistor 100 Ω ELR20 R41 Resistor 3.3 k Ω R20 R42 Resistor 47 k Ω R20 R43 Resistor 47 k Ω ELR20 R44 Resistor 47 k Ω ELR20 R45 Resistor 47 k Ω R20 R46 Trimmer 100 Ω RH0651C12J04A R47 Resistor 1 k Ω ELR20 (IC-575A) Resistor 2.2 Ω ELR20 (IC-575H) RELR20 ELR20		Resistor	47 kΩ	ELR20
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R40 Resistor 100 Ω ELR20 R41 Resistor 3.3 kΩ R20 R42 Resistor 47 kΩ R20 R43 Resistor 47 kΩ ELR20 R44 Resistor 47 kΩ R20 R45 Resistor 47 kΩ R20 R46 Trimmer 100 Ω RH0651C12J04A R47 Resistor 1 kΩ ELR20 (IC-575A) Resistor 2.2 Ω ELR20 (IC-575H) ELR20 ELR20				
R42 Resistor 47 kΩ R20 R43 Resistor 47 Ω R20 R44 Resistor 47 kΩ ELR20 R45 Resistor 47 kΩ R20 R46 Trimmer 100 Ω RH0651C12J04A R47 Resistor 1 kΩ ELR20 (IC-575A) Resistor 2.2 Ω ELR20 (IC-575H) ELR20 ELR20				
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R46 Trimmer 100 Ω RH0651C12J04A R47 Resistor 1 kΩ ELR20 (IC-575A) Resistor 2.2 Ω ELR20 (IC-575H)				
R47 Resistor 1 kΩ ELR20 (IC-575A) Resistor 2.2 Ω ELR20 (IC-575H)	- 1			
Resistor 2.2 Ω ELR20 (IC-575H)	R47		1 kΩ	ELR20
(IC-575H)		•	220	FI B20
R48 Resistor 470 Ω R20				
	R48	Resistor	470 Ω	R20

[RF-YGR UNIT]

REF. NO.	DESCRIPTION	PART	NO.
R49	Resistor	1 kΩ	R20
R50	Resistor	270 Ω	ELR20
R51	Resistor	1 kΩ	ELR20
R52 R53	Resistor Resistor	4.7 kΩ 47 Ω	ELR20 R20
R54	Resistor	330 Ω	ELR20
R55	Resistor	1 ΜΩ	ELR20
R56	Resistor	22 Ω	ELR20
R57	Resistor	4.7 kΩ	ELR20
R58	Resistor	150 Ω	ELR20
R59	Resistor	47 Ω	R20
R60	Resistor	22 kΩ	ELR20
R61 R62	Resistor	470 Ω 470 Ω	ELR20 ELR20
R63	Resistor Resistor	470 Ω	R25
R64	Resistor	100 Ω	ELR20
R65	Resistor	150 Ω	ELR20
R66	Resistor	100 Ω	R20
R67	Thermistor	23D29	
R68	Thermistor	23D29	
R69	Resistor	1 kΩ	ELR20
R70	Thermistor	23D29	
C1	Ceramic	0.0047 µF	50 V
C2	Ceramic	0.0047 µF	
C6	Ceramic	0.001 μF	
C7	Ceramic	0.0047 μF	
C8	Ceramic	0.0047 μF	
C9	Ceramic	0.001 μF	
C10 C11	Ceramic Ceramic	0.0047 μF 0.0047 μF	
C12	Ceramic	0.0047 μF	
C13	Barrier Layer	0.0047 μι	16 V
C14	Ceramic	100 pF	50 V
C15	Barrier Layer	680 pF	50 V RAU08SA 681J
	(IC-575A) Barrier Layer (IC-575H)	680 pF	50 V RAU06SA 681K
C16	Ceramic	120 pF	50 V
C17	Ceramic	82 pF	50 V
C18	Ceramic	20 pF	50 V
C19	Ceramic	150 pF	50 V
C20	Ceramic	0.0047 μF	
G21	Ceramic	0.1 μF	16 V
C22	Ceramic	82 pF	50 V
C23	Barrier Layer (IC-575A)	820 pF	50 V RAU06SA 821K
	Barrier Layer (IC-575H)	820 pF	50 V RAU08SA 821K
C24	Ceramic	120 pF	50 V
C25	Ceramic	75 pF	50 V
C26	Ceramic	22 pF	50 V
C27 C28	Ceramic Ceramic	100 pF 0.0047 μF	50 V 50 V
C29	Barrier Layer	0.0047 μΓ	16 V
C30	Ceramic	68 pF	50 V
C31	Ceramic	330 pF	50 V
C32	Ceramic	120 pF	50 V
C33	Ceramic	47 pF	50 V
C34	Ceramic	27 pF	50 V
C35 C36	Ceramic Barrier Laver	56 pF	50 V
C36 C37	Barrier Layer Barrier Layer	0.0047 μF 0.0047 μF	,
C38	Ceramic	120 pF	50 V
	(IC-575A) Barrier Layer	0.0047 μF	25 V
C39	(IC-575H) Ceramic	0.0047 µF	50 V
C39 C40	Barrier Layer	0.0047 μF 0.0047 μF	
C41	Ceramic	0.001 μF	50 V
	(IC-575A)		
1	Ceramic (IC-575H)	120 pF	50 V

REF. NO.	DESCRIPTION	PART	NO.	
C43	Barrier Layer (IC-575A)	0.0047 μF	25 V	
	Ceramic (IC-575H)	100 pF	50 V	
C44	Barrier Layer	0.0047 μF	25 V	
C45	Ceramic	68 pF	50 V	
C46 C47	Ceramic Ceramic	33 pF 47 pF	50 V 50 V	
C48	Barrier Layer	0.0047 μF		
C49	Ceramic	0.0047 μF	50 V	
C50	Barrier Layer	0.0047 μF		
C51 C52	Ceramic Ceramic	0.0047 μF 12 pF	50 V	
C53	Ceramic	47 pF	50 V	
C54	Ceramic	15 pF	50 V 50 V	
C55 C56	Ceramic Ceramic	27 pF 100 pF	50 V	
C57	Ceramic	120 pF	50 V	
C58	Ceramic	330 pF	50 V	ı
C59 C60	Ceramic Ceramic	8 pF 0.0047 μF	50 V 50 V	
C61	Ceramic	22 pF	50 V	
C62	Barrier Layer	0.0047 μF		
C63 C64	Ceramic Ceramic	0.001 μF 10 pF	50 V 50 V	
C65	Barrier Layer	0.0047 μF		
C66	Cylinder	1.5 pF		OSL 1R5M-NA
C67 C68	Ceramic Ceramic	10 pF 56 pF	50 V 50 V	
C69	Ceramic	82 pF	50 V	
C70	Ceramic	68 pF	50 V	
C71 C72	Barrier Layer	0.047 μF 62 pF	25 V 50 V	
C73	Ceramic Ceramic	0.0047 μF		
C74	Ceramic	33 pF	50 V	
C75	Ceramic	7 pF	50 V 35 V	DN
C76 C77	Tantalum Ceramic	10 μF 0.0047 μF		DN
C78	Ceramic	0.0047 μF	50 V	
C79 C80	Ceramic Barrier Layer	6 pF 0.0047 μF	50 V 25 V	
000	(IC-575A)	0.0047 μι	20 1	
	Tantalum (IC-575H)	0.47 μF	35 V	DN
C81	Barrier Layer	0.0047 μF	25 V	
C82	Ceramic	6 pF	50 V	UJ
C83 C84	Barrier Layer Ceramic	0.0047 μF 10 pF		сн
C85	Ceramic	3 pF	50 V	
C86 C87	Cylinder Ceramic	18 pF 0.0047 μF	UP050 50 V	OSL 180J-NA
C88	Ceramic	0.0047 μF		
C89	Ceramic	0.0047 μF	50 V	
C90 C91	Ceramic Ceramic	0.0047 μF 0.001 μF	50 V 50 V	
C92	Ceramic	2 pF	50 V	
C93	Ceramic	68 pF	50 V	
C94 C95	Ceramic Ceramic	8 pF 8 pF	50 V 50 V	
C96	Ceramic	0.001 μF	50 V	
C97	Ceramic	0.0047 μF	50 V	
C98 C99	Ceramic Barrier Layer	8 pF 0.0047 μF	50 V 25 V	
C100	Ceramic	0.0047 μF	50 V	
C101	Ceramic	8 pF	50 V	
C102 C103	Ceramic Ceramic	8 pF 0.0047 μF	50 V 50 V	
C104	Ceramic	0.0047 μF	50 V	
C105 C106	Ceramic Barrier Layer	8 pF 0.0047 μF	50 V 25 V	
C106	Barrier Layer Barrier Layer	0.0047 μF 0.0047 μF	25 V 25 V	
C108	Ceramic	0.0047 μF	50 V	
C109 C110	. Tantalum Ceramic	1 μF 33 pF	35 V 50 V	DN
C111	Ceramic	24 pF	50 V	

[RF-YGR UNIT]

REF. NO.	DESCRIPTION	PART NO.
C112	Ceramic	10 pF 50 V
C113	Barrier Layer (IC-575A)	0.0047 μF 25 V
	Ceramic (IC-575H)	DD104 B 821K 50 V
C114	Ceramic	47 pF 50 V
C115	Barrier Layer	0.0047 μF 25 V
C116	Ceramic	47 pF 50 V
C117	Ceramic	0.0047 μF 50 V
J1	Connector	B08B-EH-S
J2	Connector	
J3	Connector	
J4	Connector	
J5	Connector	TMP-J01X-A2
P1	Connector	EHR-08
P2	Connector	TMP-P01X-A1
P2	Connector	IMP-PUIX-AT
EP1	P.C. Board	B-1416C
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[REG UNIT] (IC-575A ONLY)

REF. NO.	DESCRIPTION	PART NO.	
IC1	IC	SG3524N	
:			
Q1	Transistor	2SC4051	
Q2	Transistor	2SC4051	
Ì			
D1	Diode	SB1680 (ESAC85-009)	
D2	Diode	V19B	
D3	Diode	V19B	
D4	Diode	1N4002	
D5	Bridge	KBL06	
D6	Diode	1N4002	
L1	Coll	LR-59A	
L2	Coll	TO-12	
L3	Coil	SK-24P-110-100	
L4	Coil	FL7H 102J 1000μ	
L5	Coll	TI-5	
L6	Coll	LR-92	
R1	Resistor	120 kΩ R20	
R2	Resistor	120 kΩ R20	
R3	Resistor	4.7 Ω R20	
R4	Resistor	4.7 Ω R20	
R5	Resistor	22 Ω R20	
R6	Resistor	22 Ω R20	
R7	Resistor	390 Ω R25	
R8	Resistor	33 Ω R25	
R9	Resistor	0.022 Ω RA-1	
R10	Resistor	2.2 kΩ R20	
R11	Resistor Resistor	33 kΩ R20	
R12 R13	Resistor	4.7 kΩ ELR20 4.7 kΩ R25	
R14	Resistor	4.7 kΩ FLR20	
R15	Trimmer	10 kΩ RH0651C14J2WA	
R16	Resistor	15 kΩ R20	
R17	Absorber	ERZ-C07DK431	
L		 	

[REG UNIT] (IC-575A ONLY)

REF. NO.	DESCRIPTION	PART NO.
R18	Resistor	SRW2P0.5-J
R19	Resistor	SRW2P0.5-J
R20	Resistor	120 kΩ R20
R21	Resistor	120 kΩ R20
R22	Resistor	10 kΩ R20
C1	Ceramic	0.0022 μF DE7100F222MAC400
C2	Ceramic	0.0022 μF DE7100F222MAC400
C3	Ceramic	0.02 μF 500 V
C4	Electrolytic	3.3 μF 200 V 200UPA3R3VA-M
C5	Electrolytic Ceramic	3.3 μF 200 V 200UPA3R3VA-M 0.0022 μF DE7100F222MAC400
C6 C7	Ceramic	470 pF 500 V
C8	Metallized	0.47 µF 400 V 400MMW474K
C9	Ceramic	0.0047 μF 50 V
C10	Ceramic	0.0047 μF 50 V
C11	Electrolytic	1000 μF 16 V ECEA1CG102S
C12	Electrolytic	1000 μF 16 V ECEA1CG102S
C13 C14	Electrolytic Mylar	47 μF 16 V 0.01 μF 50 V F2Z
C14	Mylar Mylar	0.01 μF 50 V F2Z
C16	Electrolytic	0.47 μF 50 V
C17	Electrolytic	10 μF 16 V
C18	Mylar	0.001 μF 50 V F2Z
C19	Ceramic	0.001 μF 50 V
C20 C21	Electrolytic Monolithic	10 μF 16 V 0.68 μF 50 V C76AF1H684Z
C22	Ceramic	0.0022 μF 50 V
C23	Ceramic	0.0022 μF 500 V
C24	Ceramic	0.0022 μF 500 V
C25	Ceramic	0.0022 μF 500 V
C26	Ceramic	0.0022 µF 500 V
C27 C28	Electrolytic Electrolytic	330 μF 200 V 200 SXP 330 330 μF 200 V 200 SXP 330
C29	Electrolytic	330 μF 200 V 200 SXP 330
C30	Electrolytic	330 μF 200 V 200 SXP 330
C31	Electrolytic	470 μF 25 V
C32	Electrolytic	100 μF 25 V
C33 C34	Monolithic Metallized	0.68 μF 50 V C76AF1H684Z 0.082 μF 250 V AC
334	Motamizou	ECQ-U2A823MW
J1	Connector	AP-300-X-A-1-NI-BLACK
P1	Connector	1625-03P1
P2	Connector	LLP-06 (OPC-154)
		` '
F1	Fuse (U.S.A.)	F.G.M.B 125 V 5 A
F1	Fuse (Australia, U.K.)	F.G.M.B 250 V 3 A
F2	Holder	FH-033
T1	Transformer	TP-32
EP1	P.C. Board	B-1174B
EP12	Ferrite Bead	FSQH070RN
W9	Jumper	JPW-02A

[PA UNIT] (IC-575A ONLY)

REF. NO.	DESCRIPTION	PART NO.
Q1	Transistor	2SC1971
Q2	Transistor	2SC1971
Q3	Transistor	2SC1972
Q4	Transistor	2SC1972
Q5	Transistor	2SD313
Q6	Transistor	2SD468 C
Q7	Transistor	RN2202
Q8	Transistor	RN1204
Q9	Transistor	2SB562 C
Q10	Transistor	RN1202
Q11	Transistor	RN2202
Q12	FET	2SK152
D1	Diode	MV5W
D2	Diode	MV5W
D3	Diode	1N4002
D4	Diode	1N4002
D5	Diode	1K60
D6	Diode	1K60
D7	Diode	1SS133
D8	Diode	1SS133
D9	Diode	1SS133
D10	Diode	1SS53
D11	Diode	1SS53
D12	Diode	1SS53
D13	Diode	1SS53 15CD11
D14	Diode	15CD11 MI301
D15 D16	Diode Diode	MI301
	Diode	WIGOT
L1	Coil	LR-179
L2	Coil	LR-129
L3	Coil	LR-180
L4	Coll	LR-181
L5	Coll	BT01RN1-A61
L6	Coil	BT01RN1-A61
L7	Coll	BT01RN1-A61
L8	Coll	BT01RN1-A61
L9	Coil	LA-257
L10	Coll	LA-258 LA-258
L11	Coll Coll	LA-256 LA-256
L12 L13	Coil	LA-256 LA-268
L13	Coil	LA-269
L14 L15	Coll	LA-269
L16	Coil	LA-268
L17	Coil	LAL03NA 101K 100μ
L18	Coll	LAL03NA 101K 100µ
L19	Coll	LR-163
L20	Coll	LAL03NA 100K 10μ
L21	Coll	LA-256
L22	Coil	LAL03NA 101K 100μ
L23	Coil	LAL03NA 101K 100μ
L24	Coil	LAL03NA 100K 10µ
L25	Coll	LAL03NA 101K 100µ
L26	Coll	LALOSKA 101K 100µ
L27	Coil	LAL02KR R39M 0.39µ
L28	Coil	LAL03NA 101K 100μ LAL03NA R56M 0.56μ
L29	Coil	LR-116
L30 L31	Coil Coil	LAL03NA 101K 100μ
L31 L32	Coil	LAL02KR R39M 0.39µ
L32 L33	Coil	LR-81
L34	Coil	LA-247
L35	Coll	LA-248
R1	Resistor	330 Ω Ř25
R1 R2	Resistor	330 Ω R25
R1 R2 R3	Resistor Resistor	330 Ω R25 47 Ω R25
R1 R2 R3 R4	Resistor Resistor Trimmer	330 Ω R25 47 Ω R25 4.7 kΩ RH0651C14J2WA
R1 R2 R3	Resistor Resistor	330 Ω R25 47 Ω R25

REF. NO.	DESCRIPTION	PART	NO.
R8	Resistor	3.3 Ω	R25
R9	Resistor	220 Ω	R20
R10 R11	Resistor Resistor	100 Ω 100 Ω	R25 R25
R12	Resistor	220 Ω	R25
R13	Resistor	220 Ω	R25
R14	Resistor	SRW2P0.1	-
R15	Resistor	1 kΩ 1 kΩ	ELR20 ELR20
R16 R17	Resistor Resistor	10 kΩ	ELR20
R18	Resistor	1 kΩ	ELR20
R19	Resistor	47 kΩ	ELR20
R20 R21	Resistor Resistor	10 kΩ 150 kΩ	ELR20 R20
R22	Resistor	47 kΩ	ELR20
R23	Resistor	10 kΩ	ELR20
R24	Resistor	1 kΩ	ELR20
R25 R26	Resistor Resistor	10 kΩ 330 kΩ	R20 R50X
R27	Resistor	33 kΩ	R20
R28	Absorber	DSA301	L
R29	Resistor	1 kΩ	R20
R30 R31	Resistor Resistor	10 kΩ 10 kΩ	ELR20 ELR20
R32	Resistor	1 kΩ	R20
R33	Resistor	470 Ω	R20
R34	Resistor	22 Ω	ELR20 ELR20
R35 R36	Resistor Resistor	1 kΩ 10 Ω	ELR20 ELR20
R37	Resistor	2.2 kΩ	ELR20
R38	Resistor	470 Ω	ELR20
R39	Resistor	2.2 kΩ	ELR20
R40 R41	Resistor Resistor	56 Ω 2.2 kΩ	ELR20 R20
R42	Resistor	1 kΩ	ELR20
R43	Resistor	330 Ω	R50X
	T	E0 aF	CV05E5001
C1 C2	Trimmer Ceramic	50 pF 27 pF	50 V
C3	Electrolytic	10 μF	16 V MS7
C4	Ceramic	0.0047 μF	50 V
C5	Ceramic	0.0047 μF 0.0047 μF	50 V
C6 C7	Ceramic Ceramic	0.0047 μF	50 V
C8	Ceramic	0.001 μF	50 V
C9	Ceramic	100 pF	
C10	Ceramic	100 pF 0.0047 μF	500 V 50 V
C11 C12	Ceramic Ceramic	0.0047 μF	50 V
C13	Ceramic	47 pF	500 V
C14	Ceramic	120 pF	500 V
C15 C16	Electrolytic Ceramic	10 μF 0.0047 μF	16 V MS7 50 V
C17	Ceramic	0.0047 μF	50 V
C18	Ceramic	0.001 μF	50 V
C19	Ceramic	0.0047 μF	
C20 C21	Electrolytic Ceramic	470 μF 0.0047 μF	16 V MS16 50 V
C22	Ceramic	0.001 μF	50 V
C23	Ceramic	0.001 μF	50 V
C24	Ceramic	0.001 μF 0.0047 μF	50 V 50 V
C25 C26	Ceramic Ceramic	0.0047 μF 47 pF	500 V
C27	Ceramic	100 pF	500 V
C29	Ceramic	6 pF	500 V
C30 C31	Ceramic Ceramic	100 pF 12 pF	500 V 500 V
C31	Ceramic	75 pF	500 V
C33	Ceramic	75 pF	500 V
C35	Ceramic	150 pF	500 V
C36 C37	Ceramic Ceramic	18 pF 120 pF	500 V 500 V
C38	Ceramic	30 pF	500 V
C39	Ceramic	120 pF	500 V

[PA UNIT] (IC-575A ONLY)

	1	
REF. NO.	DESCRIPTION	PART NO.
C40	Ceramic	0.0047 μF 50 V
C41	Ceramic	0.0047 μF 50 V
C42 C43	Trimmer Ceramic	6 pF CV05A0601 100 pF 50 V
C44	Ceramic	220 pF 50 V
C45	Ceramic	220 pF 50 V
C46	Ceramic	150 pF 50 V
C47	Ceramic Mylar	0.0047 μF 50 V 0.1 μF 50 V F2D
C49	Ceramic	0.0047 μF 50 V
C50	Ceramic	30 pF 500 V
C51	Ceramic	15 pF 500 V
C52 C54	Ceramic Barrier Layer	15 pF 500 V 0.0047 μF 25 V
C55	Barrier Layer	0.0047 μF 25 V
C56	Barrier Layer	0.0047 μF 25 V
C57 C58	Barrier Layer Electrolytic	0.0047 μF 25 V 0.47 μF 50 V MS7
C59	Barrier Layer	0.0047 μF 25 V
C60	Ceramic	0.0047 μF 50 V
C61	Barrier Layer	0.0047 μF 25 V
C62 C63	Ceramic Barrier Layer	0.0047 μF 50 V 0.0047 μF 25 V
C64	Ceramic	0.0047 μF 50 V
C65	Barrier Layer	0.0047 μF 25 V
C66 C67	Ceramic Feed Through	0.001 μF 50 V TF318-452E102GMV 50 V
C68	Feed Through	TF318-452E102GMV 50 V
C69	Feed Through	TF318-452E102GMV 50 V
C70	Feed Through	TF318-452E102GMV 50 V
C71 C72	Ceramic Barrier Layer	30 pF 50 V 0.0047 μF 25 V
C73	Ceramic	39 pF 50 V
C74	Ceramic	100 pF 50 V
C75 C76	Ceramic Ceramic	100 pF 50 V 120 pF GRM40
C78	Ceramic	330 pF GRM40
C79	Feed Through	TF240-602SS332Z 50 V
C80 C81	Feed Through Feed Through	TF240-602SS332Z 50 V TF240-602SS332Z 50 V
C82	Feed Through	TF240-602SS332Z 50 V
C83	Feed Through	TF240-602SS332Z 50 V
C84 C85	Feed Through Feed Through	TF240-602SS332Z 50 V
C86	Feed Through	TF240-602SS332Z 50 V TF240-602SS332Z 50 V
C87	Feed Through	TF240-602SS332Z 50 V
C88	Feed Through	TF240-602SS332Z 50 V
C89 C90	Barrier Layer Electrolytic	0.0047 μF 25 V 470 μF 16 V SS
C91	Electrolytic	470 μF 16 V SS
C92	Electrolytic	470 μF 16 V SS
C93 C94	Barrier Layer Ceramic	0.0047 μF 25 V 47 pF GRM40
C95	Ceramic	18 pF GRM40
C96	Ceramic	56 pF GRM40
C97 C98	Ceramic	33 pF
C99	Ceramic Ceramic	6 pF GRM40 56 pF GRM40
C100	Ceramic	0.001 μF GRM40
DI 4	Dalan	M740110
RL1 RL2	Relay Relay	MZ12HG MZ12HG
RL3	Relay	NR-HD-6V
	_	
J1 J2	Connector Connector	LLR-6 MR-DSE-01
V£	Johnston	WITT COLOT
P1	Connector	1490R-1
P2 P3	Connector Connector	TMP-P01X-A1 TMP-P01X-A1
P4	Connector	SMR-10V-B

[PA UNIT] (IC-575A ONLY)

REF. NO.	DESCRIPTION	PART NO.
P5	Connector	EHR-03
S1	Switch	A6DR-2100
SP1	Speaker	C065K12l0810
EP1 EP2 EP10 EP16 EP17	Ferrite Bead P.C. Board Ferrite Bead P.C. Board Lead Frame	FSQH070RN B-1418E (PA) FSQH090RN B1724A (BPF) VD2.54-0.7-7
W32	Jumper	JPW-02A

[CTRL UNIT] (IC-575H ONLY)

REF. NO.	DESCRIPTION	PART	NO.	
Q1	Transistor	2SD468 C	;	
Q2	Transistor	2SC2785	EF/KF	
Q3	Transistor	2SD1406		
Q4	Transistor	RN1204		
Q5	Transistor	RN2202		
Q6	Transistor	RN1202		
Q7	Transistor	2SB562 C	;	
D1	Zener	RD10E B2	2	
D2	Diode	188133		
D3	Diode	188133		
D4	Diode	18853		
D6	Diode	15CD11		
R1	Resistor	CP5AJ 0.0	012	
R2	Resistor	1 kΩ	ELR20)
R3	Resistor	1 kΩ	ELR20)
R6	Resistor	4.7 kΩ	R20	
R7	Resistor	680 Ω	ELR20)
R8	Resistor	10 kΩ	ELR20)
R9	Resistor	1 kΩ	R20	
R10	Resistor	10 kΩ	R20	
R11	Resistor	330 Ω	R50X	
R12	Resistor	330 Ω	R50X	
_				
C1	Electrolytic	1000 μF	16 V	MS16
C2	Ceramic	0.0047 μF		
C3	Ceramic		50 V	
C4	Ceramic	220 pF	50 V	
C5	Ceramic	0.0047 μF	50 V	
C6	Electrolytic	1000 μF	16 V	MS16
C7	Ceramic	0.0047 μF	50 V	
C8	Ceramic	0.0047 μF	50 V	
C9	Ceramic	0.0047 μF	50 V	
C10	Ceramic	0.0047 μF		
C11	Ceramic	0.0047 μF 0.0047 μF		
C12 C13	Ceramic Ceramic	0.0047 μF 0.0047 μF	50 V	
C13	Electrolytic	0.0047 μF 47 μF		ss
C15	Ceramic	47 μF 0.0047 μF		33
C15	Ceramic	0.0047 μF		İ
C17	Ceramic	0.0047 μF		
C17	Ceramic	0.0047 μF		
0.10	- COTATION	5.0071 μι		

[CTRL UNIT] (IC-575H ONLY)

[CIRL UNII] (IC-975H ONLT)			
REF. NO.	DESCRIPTION	PART NO.	
C19	Ceramic	0.0047 μF 50 V	
C21	Ceramic	0.0047 µF 50 V	
C22	Ceramic	0.0047 µF 50 V	
C23	Ceramic	0.0047 μF 50 V	
C24	Ceramic	0.0047 μF 50 V	
C25	Ceramic	0.0047 μF 50 V	
C26	Ceramic	0.0047 μF 50 V	
C27	Barrier	0.0047 μF 25 V	
C28	Ceramic	0.0047 μF 50 V	
C29	Ceramic	0.0047 μF 50 V	
C30	Ceramic	0.0047 μF 50 V	
C31	Electrolytic	0.47 μF 50 V SS	
C32	Electrolytic	47 μF 25 V SS	
l			
J1	Connector	810B-EH-S	
J2	Connector	B05B-EH-S	
J3	Connector	B05B-EH-S	
J4	Connector	B03B-EH-S	
J5	Connector	TSL-P03P-V2	
J6	Connector	LLR-6	
P1	Connector	1490R-1	
S1	Switch	SPRJ31	
S2	Switch	SPRJ31	
J -			
	5	F.G.M.B 250 V 3 A	
F1 F2	Fuse Holder	F-429	
	Holder	F-429	
EP1	P.C. Board	B-1662A	
EP2	Ferrite Bead	FSOH070RN	
EP5	Ferrite Bead	FSOH050RN	
EP6	Ferrite Bead	FSOH070RN	
		6.5	

[PA UNIT] (IC-575H ONLY)

REF. NO.	DESCRIPTION	PART NO.
Q1	Transistor	2SC1971
Q2	Transistor	2SC1971
Q3	Transistor	2SC1972
Q4	Transistor	2SC1972
Q5	Transistor	2SC1449
Q6	Transistor	2SC2782
Q7	Transistor	2SC2782
Q8	Transistor	2SD1406
D1 D2 D3 D4	Diode Diode Diode Diode	MV5W MV5 MV5 MV5W
L1	Coil	LR-179
L2	Coil	LR-129
L3	Coll	BT01RN1-A61
L4	Coil	LR-180
L5	Coil	LR-189
L6	Coil	BT01RN1-A61
L7	Coil	BT01RN1-A61
L8	Coil	BT01RN1-A61
L9	Coil	BT01RN1-A61

[PA UNIT] (IC-575H ONLY)

PA UNIT (IOO/SIT ONE)			
REF. NO.	DESCRIPTION	PART	NO.
L10	Coil	LR-83	
L11	Coil	LR-190	
L14	Coil	BT01RN1-	A61
R1	Resistor	56 Ω	R20
R2	Resistor	220 Ω	R25
R3 R4	Resistor Resistor	15 Ω 220 Ω	R25 R25
R5	Trimmer	330 Ω	RH0651CN2J02A
R6	Resistor	150 Ω	ELR25
R7	Resistor	120 Ω	ELR25 RH0651CN2J02A
R8 R10	Trimmer Resistor	330 Ω 100 Ω	R20
R11	Resistor	100 Ω	R20
R12	Resistor	220 Ω	R25
R13 R14	Resistor Resistor	220 Ω 3.3 Ω	R25 R50X
R15	Resistor	3.3 Ω	R50X
R16	Resistor	3.3 Ω	R50X
R17	Resistor	3.3 Ω	R50X
R18 R19	Resistor Resistor	10 Ω 10 Ω	R50X R50X
R20	Resistor	3.3 Ω	R50X
R21	Resistor	3.3 Ω	R50X
R22	Resistor	10 Ω 470 Ω	R50X RH0651CS2J1HA
R23 R24	Trimmer Resistor	470 Ω	ELR25
R25	Thermistor	35D45	
R26	Resistor	0.15 Ω	RGB2L-R15
R27 R28	Resistor Resistor	2.7 Ω 100 Ω	ELR25 ELR20
R29	Resistor	100 Ω	ELR20
R30	Resistor	150 Ω	CRH200 R-02J
R32	Resistor	39 kΩ	R25
C1	Trimmer	50 pF	CV05E5001
C2	Ceramic	27 pF	50 V
C3	Ceramic	0.0047 μF 0.0047 μF	50 V
C4 C5	Barrier Layer Ceramic	0.0047 μF	50 V
C6	Ceramic	220 pF	50 V
C7	Ceramic	0.0047 μF	
C8 C9	Electrolytic Ceramic	10 μF 0.0047 μF	
C10	Ceramic	220 pF	50 V
C11	Ceramic	0.0047 μF	50 V
C12	Ceramic	0.0047 μF 220 pF	50 V 50 V
C13 C14	Ceramic Ceramic	100 pF	50 V
C15	Ceramic	0.0047 μF	50 V
C16	Electrolytic	100 μF	16 V SS
C17 C18	Ceramic Electrolytic	0.0047 μF 47 μF	50 V 25 V SS
C18	Ceramic	0.0047 μF	
C20	Ceramic	100 pF	500 V
C21	Ceramic	0.0047 μF	
C22 C25	Ceramic Ceramic	0.0047 μF 56 pF	50 V 500 V
C26	Ceramic	47 pF	500 V
C29	Barrier Layer	0.0047 μF	
C30 C31	Ceramic Ceramic	220 pF 0.0047 μF	50 V 50 V
C32	Ceramic	220 pF	50 V
C33	Ceramic	0.0047 μF	50 V
C34	Electrolytic	10 μF	16 V SS DM19C681J51CR
C35 C37	Dip Mica Ceramic	680 pF 0.001 μF	500 V
C38	Ceramic	0.001 μF	500 V
C39	Ceramic	0.0039 μF	
C40	Ceramic	0.0039 μF 33 pF	GR44CH392K 500 V
C41 C42	Ceramic Ceramic	33 pF	500 V
C43	Dip Mica	470 pF	DM19C471J51CR
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[PA UNIT] (IC-575H ONLY)

REF. NO.	DESCRIPTION	PART NO.
C44	Ceramic	47 pF 500 V
C45	Ceramic	0.0047 μF 50 V
C46	Ceramic	220 pF 50 V
C47	Ceramic	220 pF 1 KV DE0905 SL 221J
C48	Ceramic	0.0047 uE 50 V
C49	Ceramic	220 pF 50 V
C50	Electrolytic	1000 uF 16 V MS16
C51	Barrier Layer	0.047 µF 25 V
C52	Tantalum	220 pF 50 V 1000 μF 16 V MS16 0.047 μF 25 V 10 μF 35 V DN
002	Tantaian	
J1	Connector	TLB-P06H-B1
P1	Connector	TMP-P01X-A1
P2	Connector	TMP-P01X-A1
P3	Connector	EHR-05
P4	Connector	EHR-03
P5	Connector	EHR-03
P6	Connector	SMR-10V-B
P7	Connector	EHR-10
P8	Connector	EHR-03
S1	Thermal	OHD3-80B
SP1	Speaker	C065K12I0810
MF1	Motor	HMK2605-01-130
EP1	P.C. Board	B-1660C
EP2	Ferrite Bead	FSOH050RN01
EP10	Ferrite Bead	FSOH070RN
W1	Jumper	JPW-02A
W2	Jumper	JPW-02A
W3	Jumper	JPW-02A
W4	Jumper	JPW-02A
W5	Jumper	JPW-02A
W6	Jumper	JPW-02H
W7	Jumper	JPW-02H

[FILTER UNIT] (IC-575H ONLY)

REF. NO.	DESCRIPTION	PART NO.	
Q1	FET	2SK152	
Q2	Transistor	RN2202	
		40007	
D1	Diode	188237	
D2	Diode	1SS237	
D3	Diode	1N4002	
D4	Diode	MI301	
D5	Diode	1SS53	
D6	Diode	1SS53	
D7	Diode	18853	
D8	Diode	18853	
D9	Diode	MI301	
D10	Diode	1N4002	
L1	Coll	LA-214	
12	Coil	LA-215	

[FILTER UNIT] (IC-575H ONLY)

REF. NO.	DESCRIPTION	PART NO.
L3	Coll	LA-215
L4 L5	Coil Coil	LA-196 LA-197
L6	Coil	LA-197
L7	Coil	LA-163
L8	Coil	LA-255
L10 L11	Coll Coll	LAL03NA 101K 100μ LAL04NA 100K 10μ
L12	Coil	LAL02KR R39M 0.39µ
L13	Coil	LAL02KR R39M 0.39µ
L14	Coll	LAL03NA 101K 100μ LAL03NA R56M 0.56μ
L15 L16	Coll Coil	LR-116
L17	Coil	LAL03NA 101K 100μ
L18	Coil	LAL03NA 101K 100μ
L19 L20	Coil Coil	LAL03NA 101K 100μ LAL03NA 101K 100μ
L20 L21	Coil	LAL03NA 100K 10µ
L22	Coll	LAL03NA 101K 100µ
L23	Coll	LAL03NA 101K 100µ
L24 L25	Coll Coll	LA-247 LA-248
L25 L26	Coil	LAL03NA 100K 10μ
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R1	Resistor	68 Ω R20
R2	Resistor	22 kΩ R20
R3	Resistor	22 kΩ R20
R4	Resistor	56 kΩ ELR20
R5 R6	Resistor Resistor	47 kΩ R20 1 kΩ R20
R7	Resistor	1 kΩ ELR20
R8	Resistor	10 kΩ ELR25
R9	Resistor	33 kΩ R20
R10 R11	Absorber Resistor	DSA301L 1 kΩ ELR20
R12	Resistor	1 kΩ ELR20
R13	Resistor	22 Ω R20
R14 R15	Resistor Resistor	2.2 kΩ ELR20 10 Ω R20
R16	Resistor	470 Ω ELR20
R17	Resistor	2.2 kΩ ELR20
R18	Resistor	1 kΩ ELR20 470 Ω R20
R19 R21	Resistor Resistor	10 Ω R20
C1	Ceramic	30 pF 500 V
C2	Ceramic	18 pF 500 V
СЗ	Ceramic	75 pF 500 V
C4	Ceramic Ceramic	15 pF 500 V 82 pF 500 V
C5 C6	Ceramic	6 pF 500 V
C7	Ceramic	47 pF 500 V
C8	Ceramic	56 pF 500 V
C9 C10	Ceramic Ceramic	10 pF 500 V 150 pF 500 V
C11	Ceramic	30 pF 500 V
C12	Ceramic	150 pF 500 V
C13 C14	Ceramic Ceramic	22 pF 500 V 75 pF 500 V
C15	Ceramic	0.0047 μF 50 V
C16	Ceramic	0.0047 μF 50 V
C17	Trimmer	6 pF CV05A0601
C18 C19	Ceramic Ceramic	100 pF 50 V 120 pF 50 V
C22	Ceramic	0.0022 μF 500 V
C23	Ceramic	0.0047 μF 50 V
C24 C25	Barrier Layer Ceramic	0.0047 μF 25 V 15 pF 500 V
C25 C28	Barrier Layer	0.0047 μF 25 V
C29	Mylar	0.1 μF 50 V F2D
C30	Ceramic	220 pF 50 V 220 pF 50 V
C31 C32	Ceramic Ceramic	220 pF 50 V 0.0047 μF 50 V
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[FILTER UNIT] (IC-575H ONLY)

REF. NO.	DESCRIPTION	PART NO.
C34	Ceramic	15 pF 500 V
C35	Ceramic	120 pF GRM40
C36	Ceramic	330 pF GRM40
C37	Barrier Layer	0.0047 μF 25 V
C38	Barrier Layer	0.0047 µF 25 V
C39	Ceramic	0.0047 μF 50 V
C40	Ceramic	0.0047 μF 50 V
C41	Ceramic	0.001 μF 50 V
C42	Ceramic	0.0047 μF 50 V
C43	Barrier Layer	0.0047 μF 25 V
C44	Barrier Layer	0.0047 μF 25 V
C45	Ceramic	30 pF 50 V
C46	Barrier Layer	0.0047 μF 25 V 0.0047 μF 50 V
C47	Ceramic	0.0047 μF 30 V 0.0047 μF 25 V
C48	Barrier Layer Barrier Layer	0.0047 με 25 V 0.0047 με 25 V
C49	Barrier Layer	0.0047 μF 25 V 0.0047 μF 25 V
C50 C51	Barrier Layer Barrier Layer	0.0047 μF 25 V
C52	Ceramic	18 nF 500 V
C53	Ceramic	18 pF 500 V 6 pF 50 V
C54	Ceramic	2 pF 500 V
C55	Ceramic	0.001 uF GRM40
C56	Ceramic	2 pF 500 V 0.001 µF GRM40 56 pF GRM40 6 pF GRM40
C57	Ceramic	6 pF GRM40
C58	Ceramic	33 pF GRM40
C59	Ceramic	33 pF GRM40 56 pF GRM40
C60	Ceramic	18 pF GRM40
C61	Ceramic	18 pF GRM40 47 pF GRM40
RL1	Relay	NR-HD-12V
RL2	Relay	NR-HD-12V
RL3	Relay	NR-HD-6V
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1	_	
J1	Connector	TMP-J01X-A2
J2	Connector	MR-DSE-01
J3	Connector	B03B-EH-S
J4	Connector	TLB-P05H-B1
P1	Connector	TMP-P01X-A1
P2	Connector	EHR-05
EP1	P.C. Board	B-1661A (FILTER)
EP2	P.C. Board	B-1724A (BPF)
W4	lumner	JPW-02A
W1	Jumper	JPW-02A
W2	Jumper	JPW-02H
W3 W4	Jumper	JPW-02H
	Jumper Jumper	JPW-02H
W5 W6	Jumper Jumper	JPW-02H
W7	Jumper	JPW-02H
W/	Jumper	01 11-0211
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