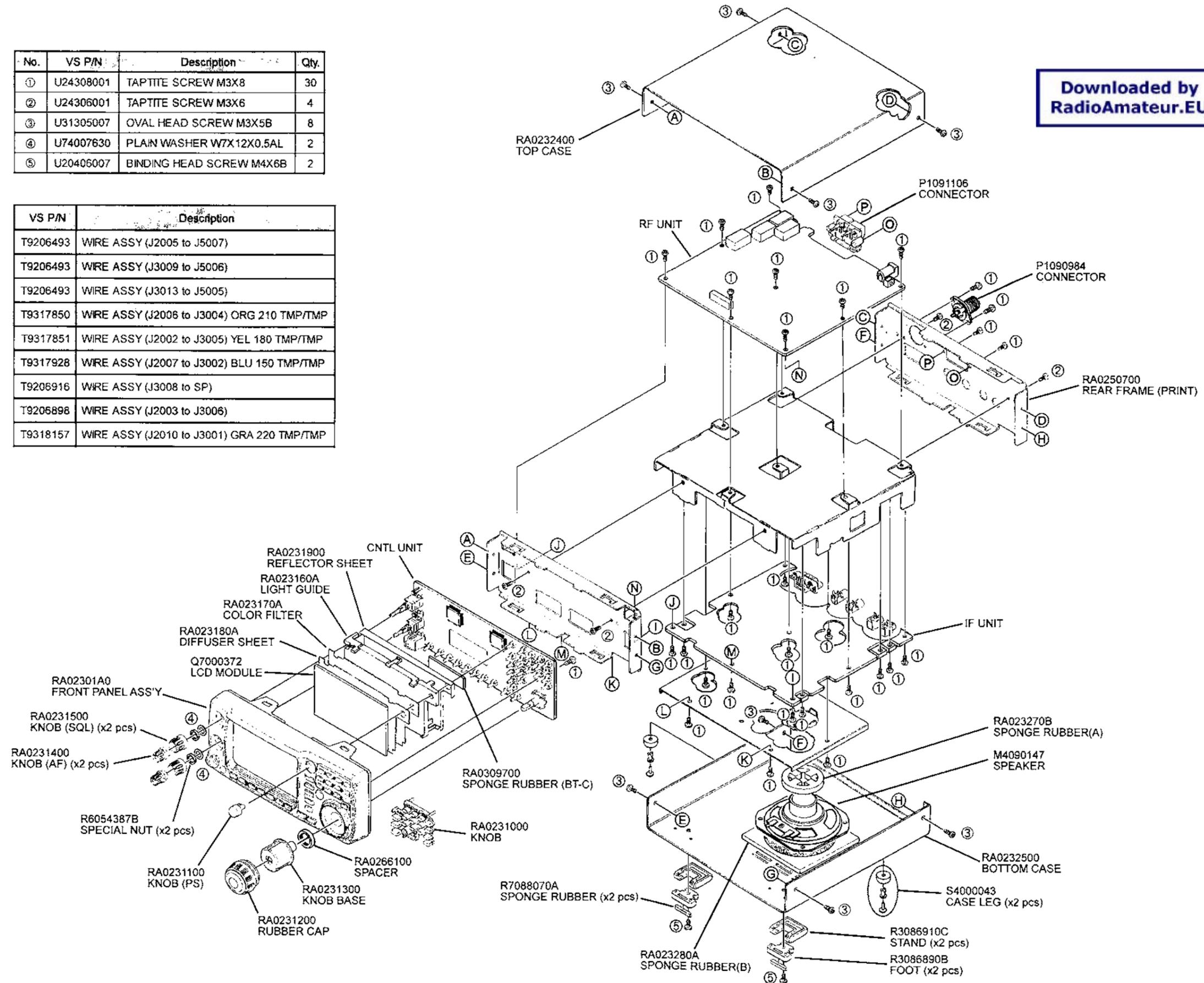


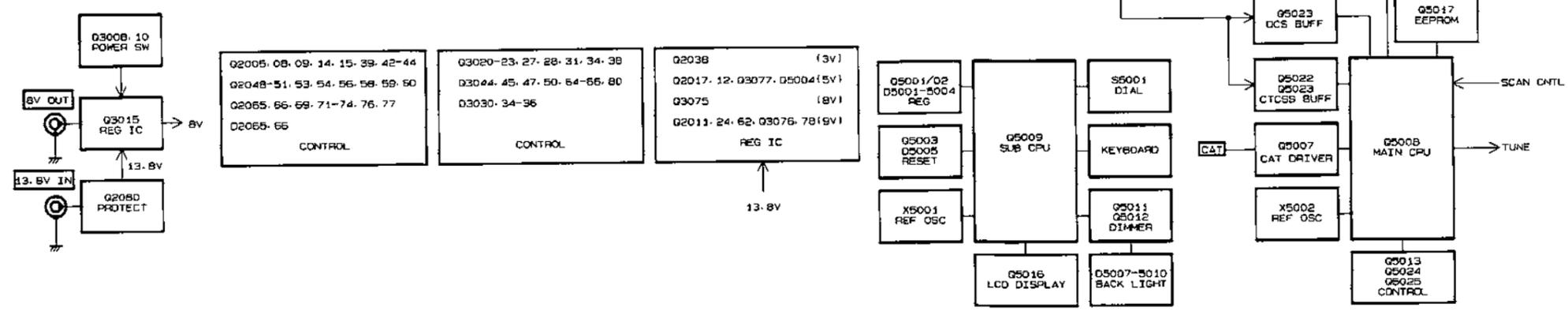
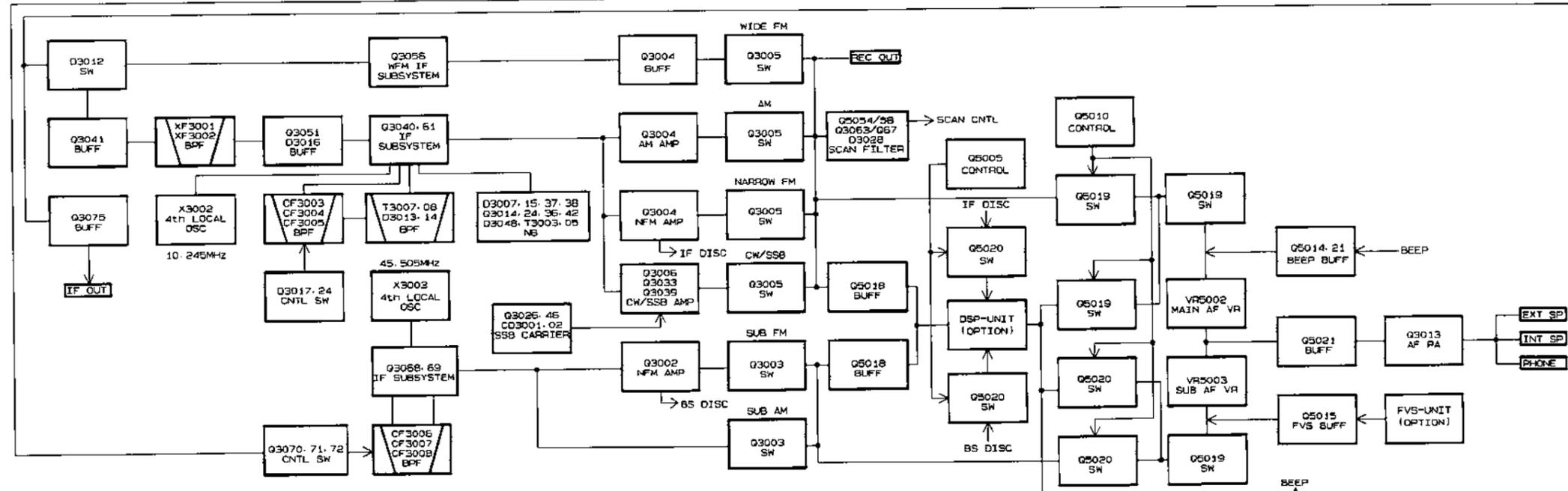
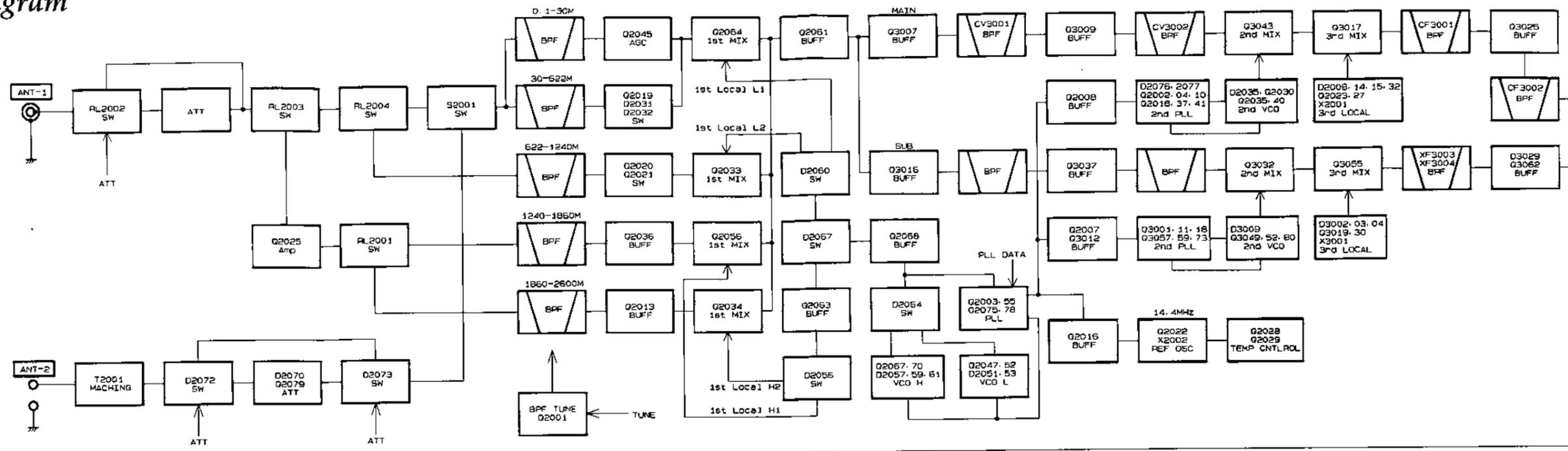
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RadioAmateur.EU

No.	VS P/N	Description	Qty.
①	U24308001	TAPTITE SCREW M3X8	30
②	U24306001	TAPTITE SCREW M3X6	4
③	U31305007	OVAL HEAD SCREW M3X5B	8
④	U74007630	PLAIN WASHER W7X12X0.5AL	2
⑤	U20406007	BINDING HEAD SCREW M4X6B	2

VS P/N	Description
T9206493	WIRE ASSY (J2005 to J5007)
T9206493	WIRE ASSY (J3009 to J5006)
T9206493	WIRE ASSY (J3013 to J5005)
T9317850	WIRE ASSY (J2006 to J3004) ORG 210 TMP/TMP
T9317851	WIRE ASSY (J2002 to J3005) YEL 180 TMP/TMP
T9317928	WIRE ASSY (J2007 to J3002) BLU 150 TMP/TMP
T9206916	WIRE ASSY (J3008 to SP)
T9206898	WIRE ASSY (J2003 to J3006)
T9318157	WIRE ASSY (J2010 to J3001) GRA 220 TMP/TMP



Block Diagram



Circuit Diagram



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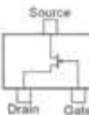
[XX]: ATT ON
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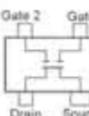
Parts Layout

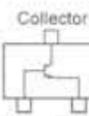
RF Unit

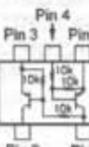
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Cathode 1,2
Anode 1 Anode 2
DAN235U TL (M)
(D2001, 2002, 2019, 2020, 2021,
2041, 2042, 2056, 2060, 2067)
DAN202K T146 (N)
(D2065, 2066, 2070)
HVM17-TR
(D2007, 2013, 2030, 2031, 2037,
2039)
- 

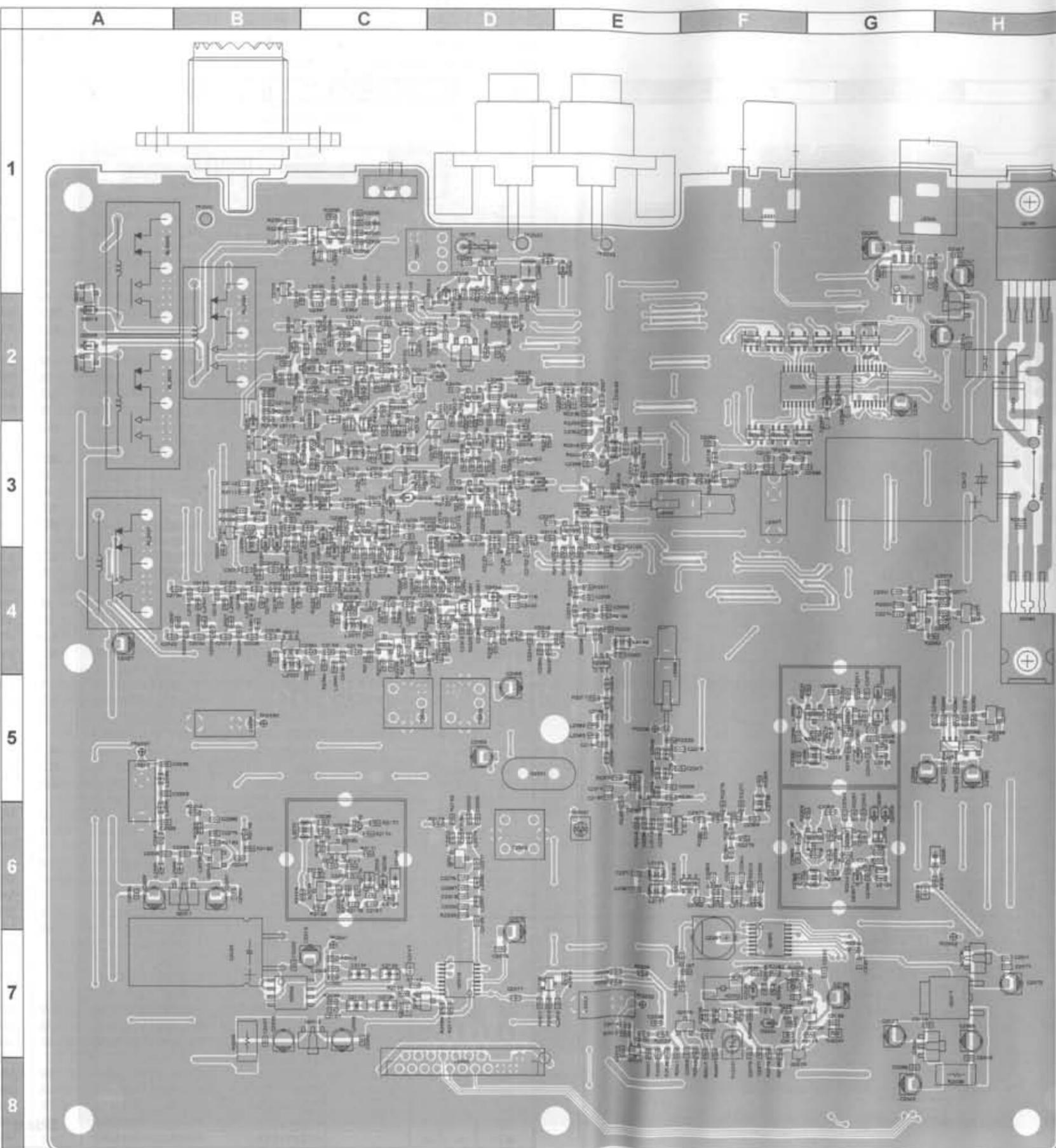
Anode Anode
Cathode
SVC341L-TD
(D2033, 2040)
- 

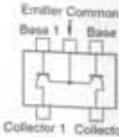
Source
Drain Gate
2SK210GR (YG)
(Q2016)
- 

Gate 2 Gate1
Drain Source
3SK228XR (XR-)
(Q2019, 2020, 2021, 2031,
2032, 2033, 2045, 2064)
- 

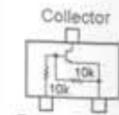
Collector
Base Emitter
2SC4116GR (LG)
(Q2006, 2007, 2022, 2028)
2SC3356 (R24)
(Q2030, 2035, 2040, 2041,
2047, 2052, 2067, 2070)
2SC3585 (R42)
(Q2034, 2056)
2SC3120 (HB)
(Q2061)
- 

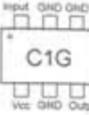
Pin 4
Pin 3 Pin 5
Pin 2 Pin 1
FMC3 (C3)
(Q2039, 2042, 2043, 2048, 2049,
2053, 2058, 2060, 2065)

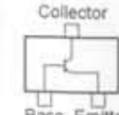


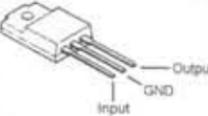
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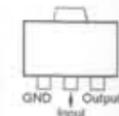
Emitter Common
Base 1 Base 2
Collector 1 Collector 2
FMS1 (S1)
(Q2073, 2074, 2079)
- 

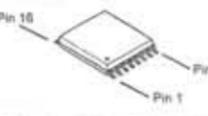
8C
OUT IN
Common
NJM78L05UA (8C)
(Q2012)
- 

Collector
Base Emitter
DTC114EK (24)
(Q2009, 2010, 2014, 2071, 2077)
- 

Input GND GND
Vcc GND Output
UPC2711T-E3 (C1G)
(Q 2013, 2036, 2063, 2075)
- 

Collector
Base Emitter
2SA1586Y (SY)
(Q2029)
- 

Output
GND
Input
BA12T
(Q2081)
- 

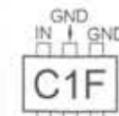
GND Output
Input
NJU7201U30(TE1)
(Q2038)
- 

Pin 16
Pin 8
Pin 1
MB15E05PFV1-G-BND-EF
(Q2055)
- 

Base Collector
Emitter
2SC3420GR
(Q2080)
- 

Output
Common
Input
L78M05T-TL
(Q2017)
- 

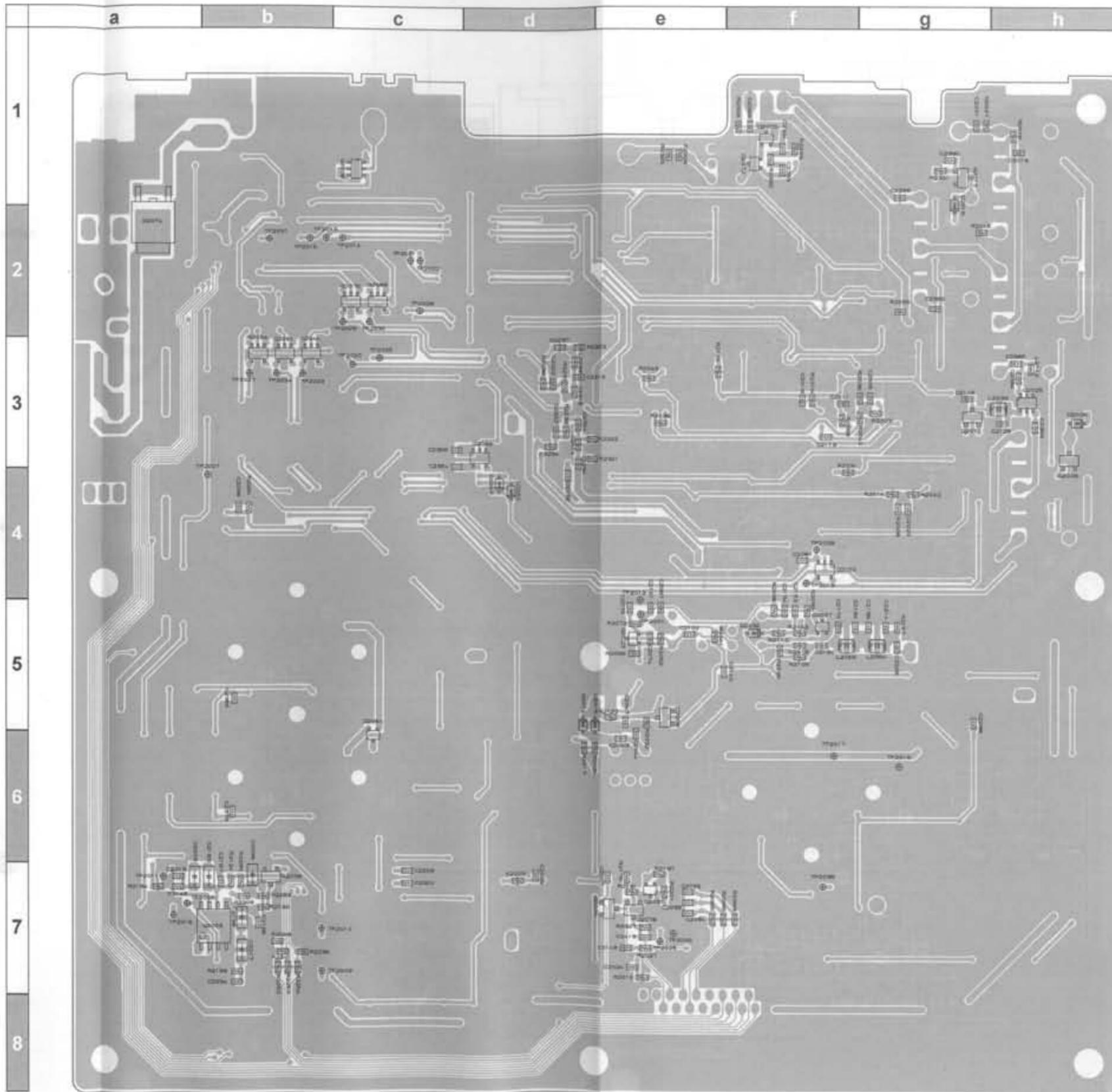
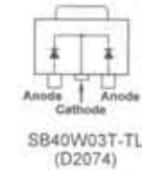
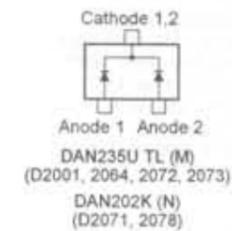
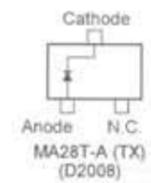
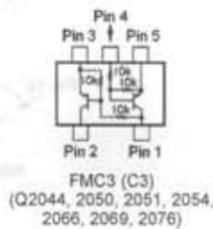
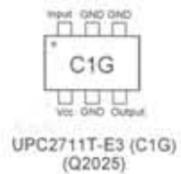
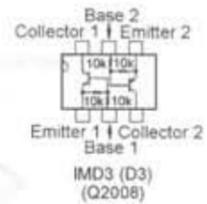
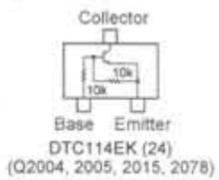
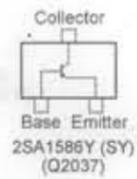
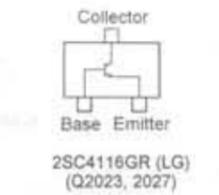
8H
OUT IN
Common
NJM78L09UA (8H)
(Q2011, 2062, 2024)
- 

Pin 8
Pin 4
Pin 1
MB15A02PFV1
(Q2018)
- 

GND IN GND
VCC Output
GND
UPC2710T-E3
(Q2068)
- 

Pin 14
Pin 7
Pin 1
BU4094BCFV-E1
(Q2059, 2072)

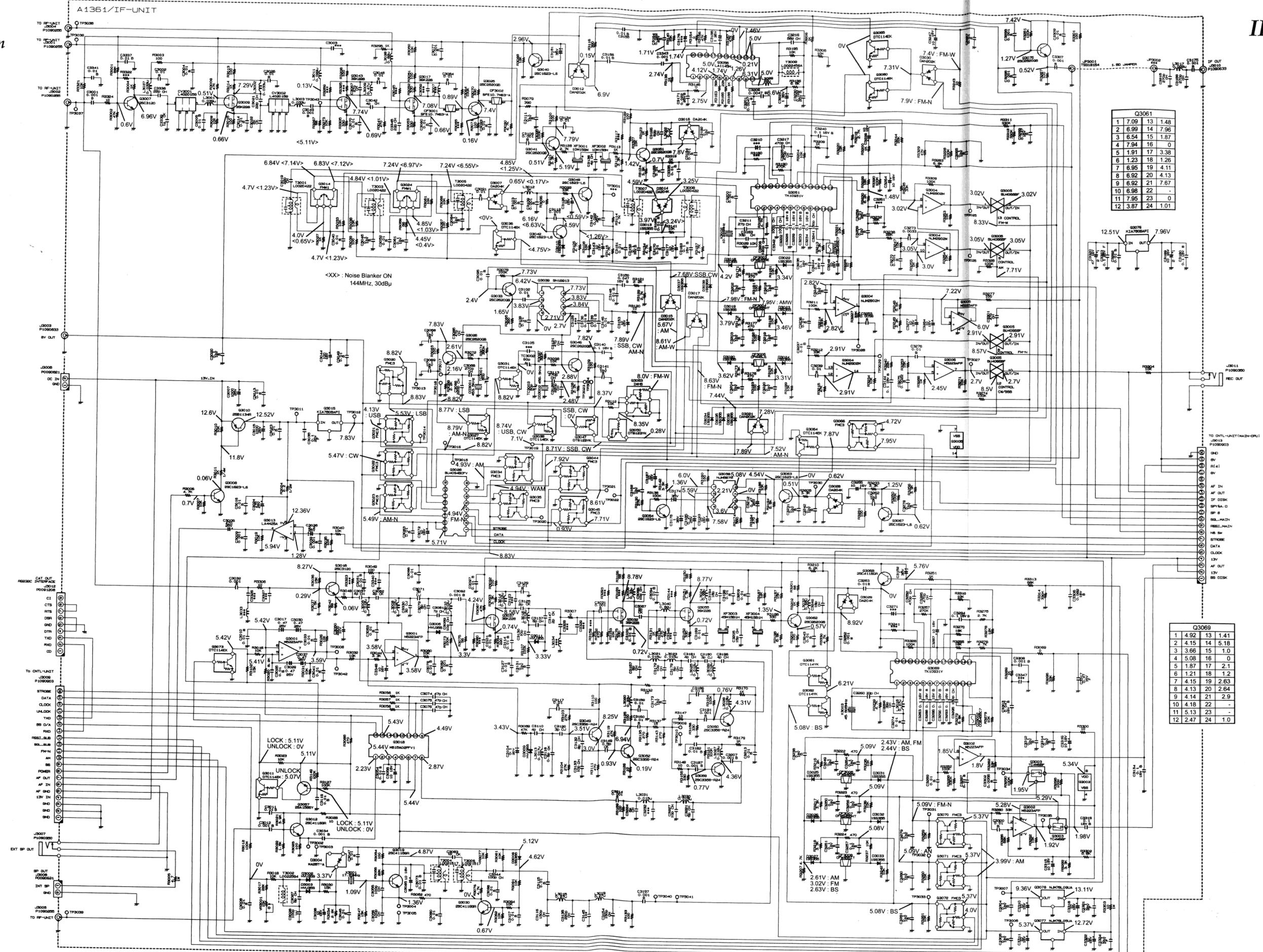
Side A



Side B

Circuit Diagram

IF Unit

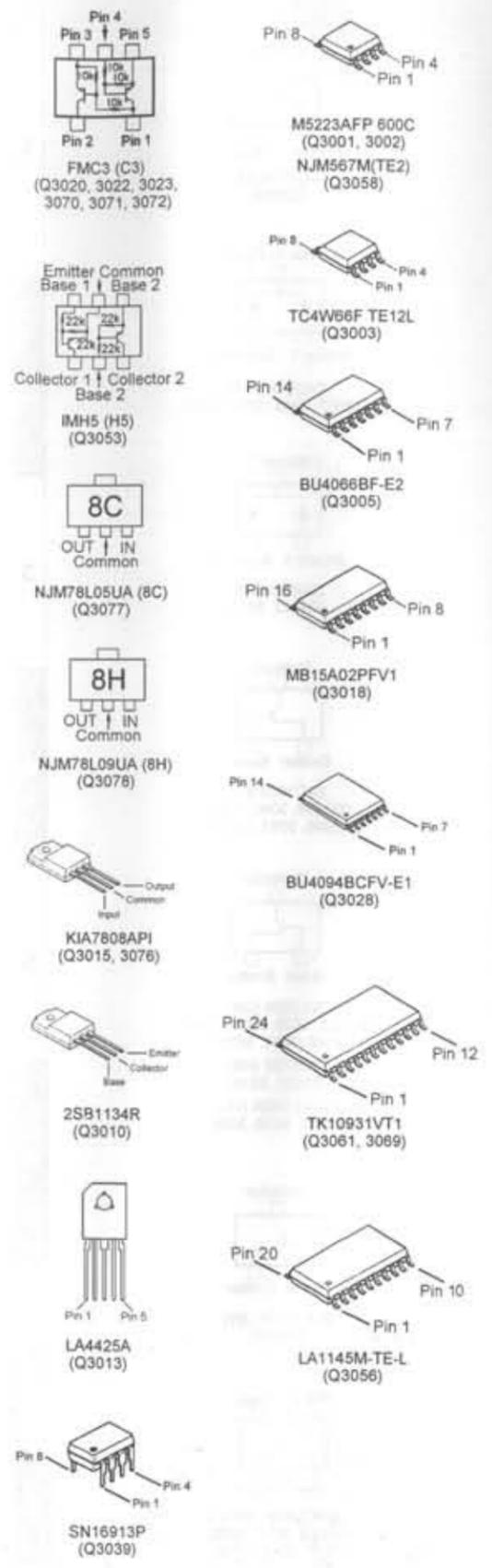
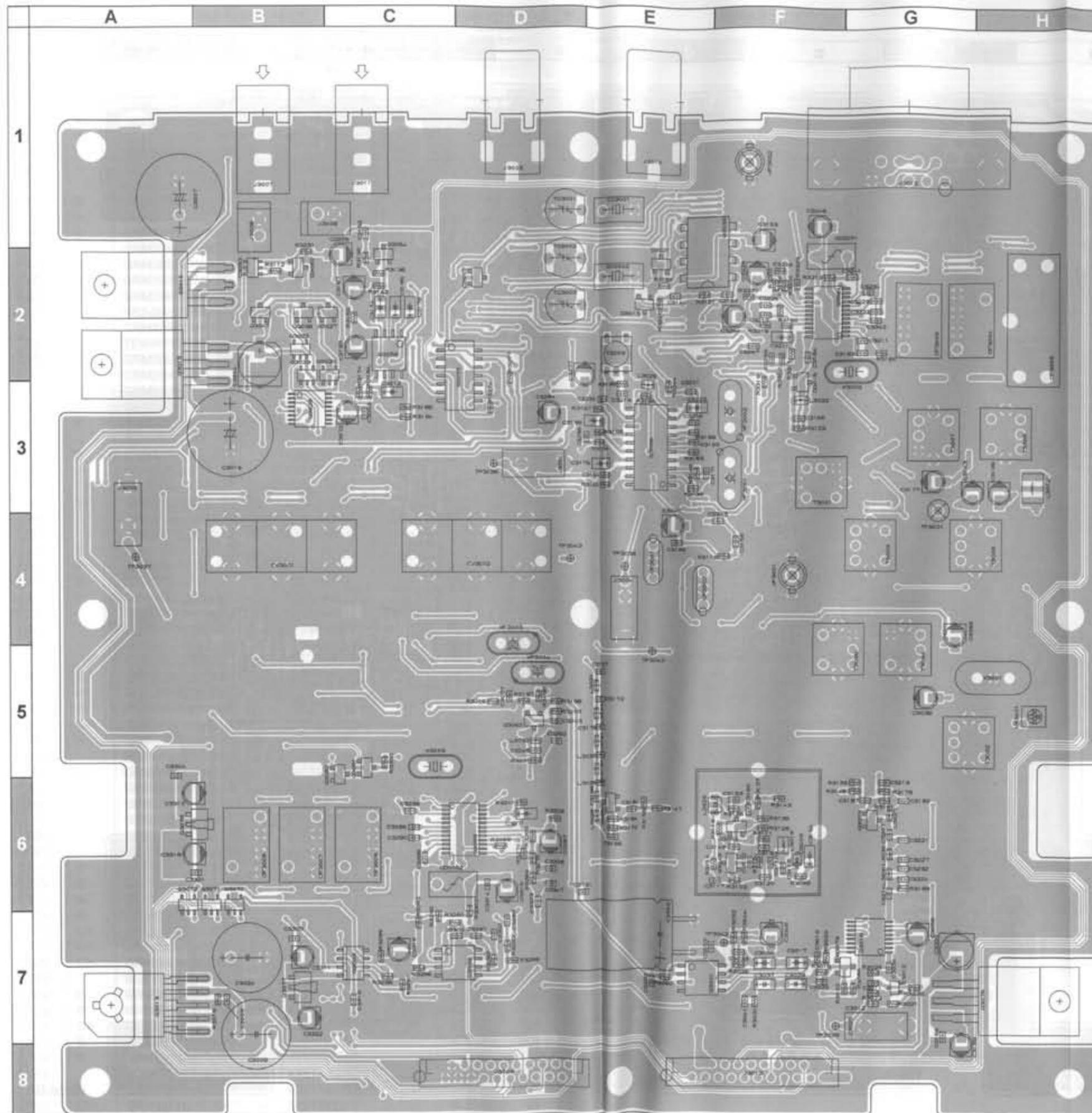
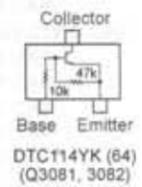
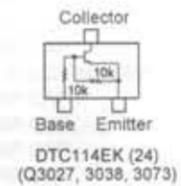
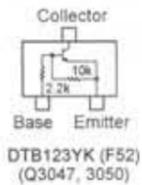
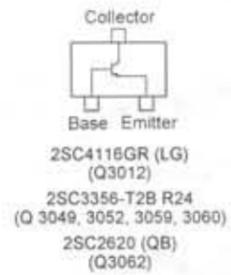
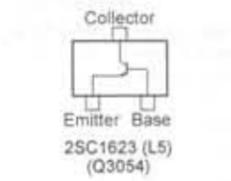
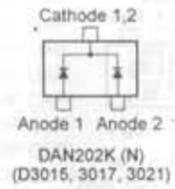
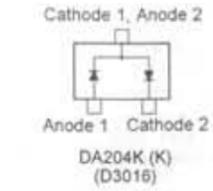


Q3061

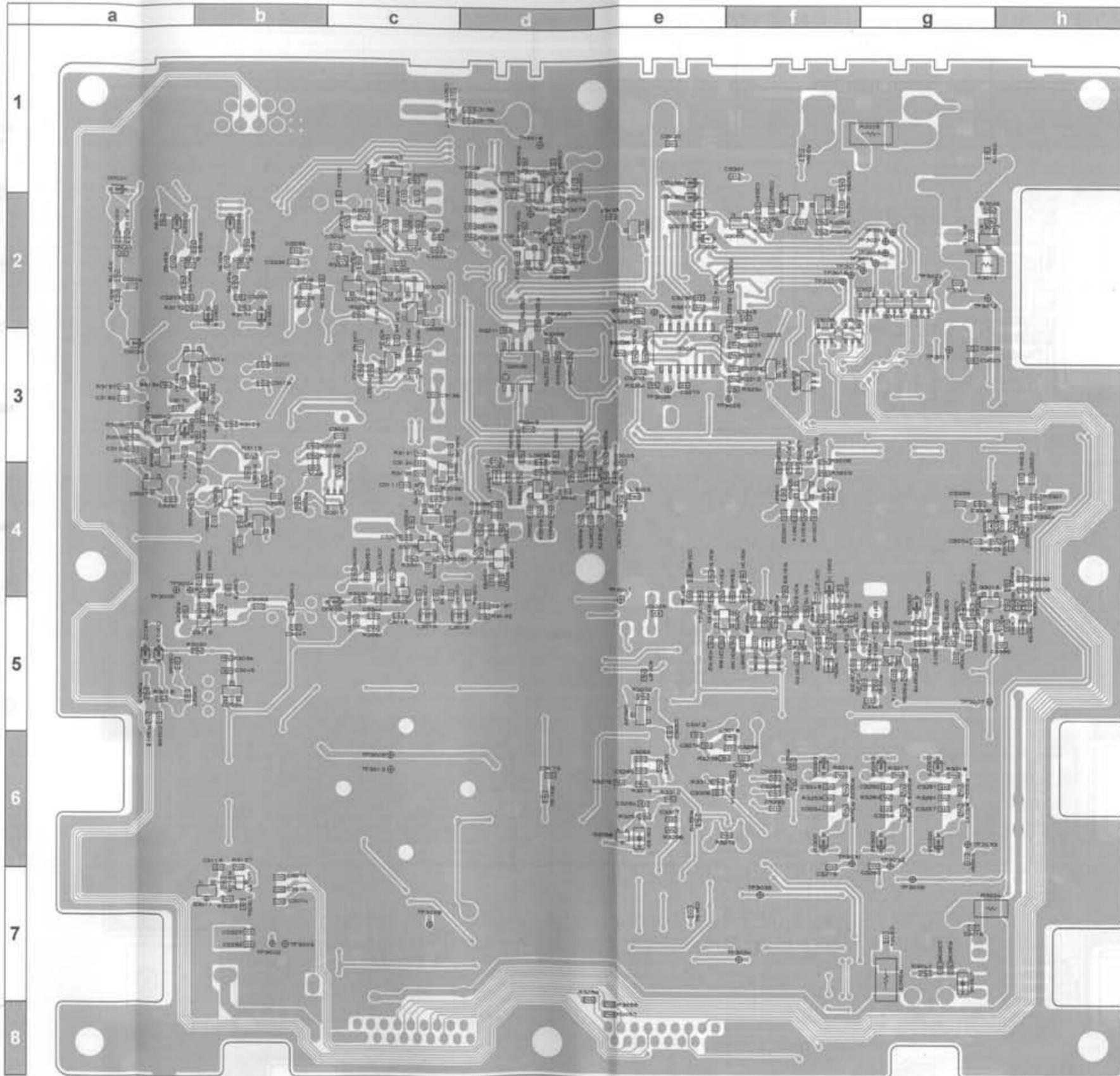
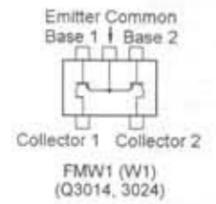
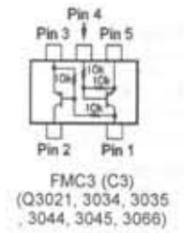
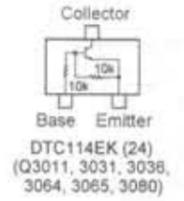
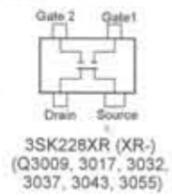
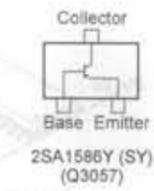
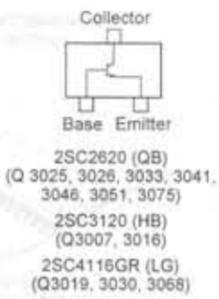
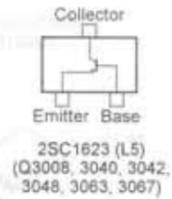
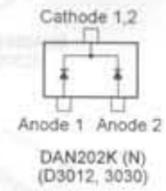
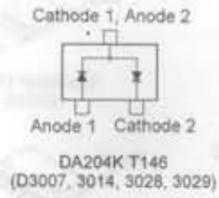
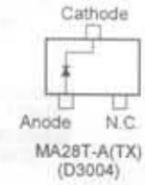
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2	6.99	14	7.96
3	6.54	15	1.87
4	7.94	16	0
5	1.91	17	3.38
6	1.23	18	1.26
7	6.95	19	4.11
8	6.92	20	4.13
9	6.92	21	7.67
10	6.98	22	-
11	7.95	23	0
12	3.87	24	1.01

Q3069

1	4.92	13	1.41
2	4.15	14	5.18
3	3.66	15	1.0
4	5.08	16	0
5	1.87	17	2.1
6	1.21	18	1.2
7	4.15	19	2.63
8	4.13	20	2.64
9	4.14	21	2.9
10	4.18	22	-
11	5.13	23	-
12	2.47	24	1.0



Side A

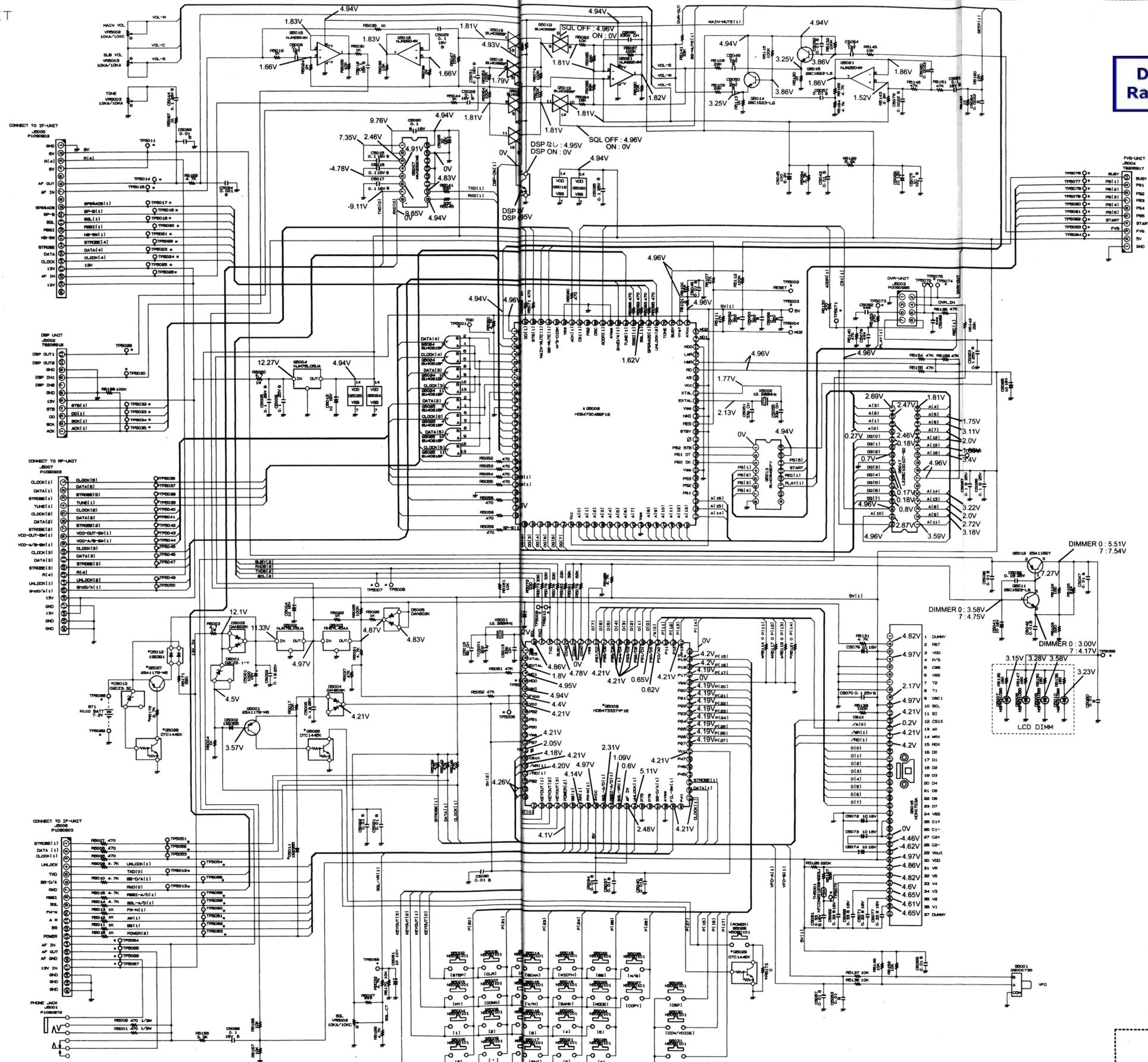


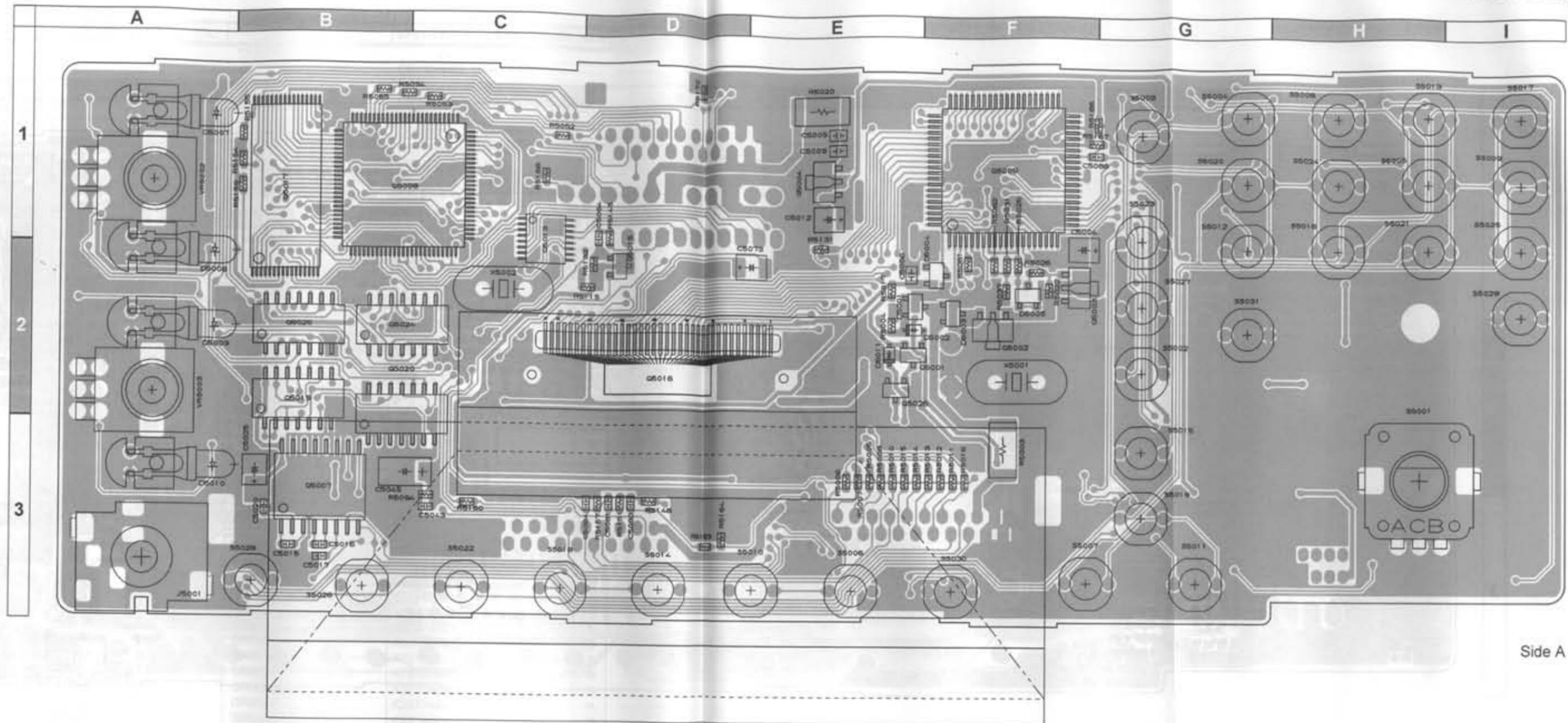
Side B

Circuit Diagram

CNTL-UNIT

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Side A

