Oct. 2007

SERVICE MANUAL ADDENDUM

IC-7400

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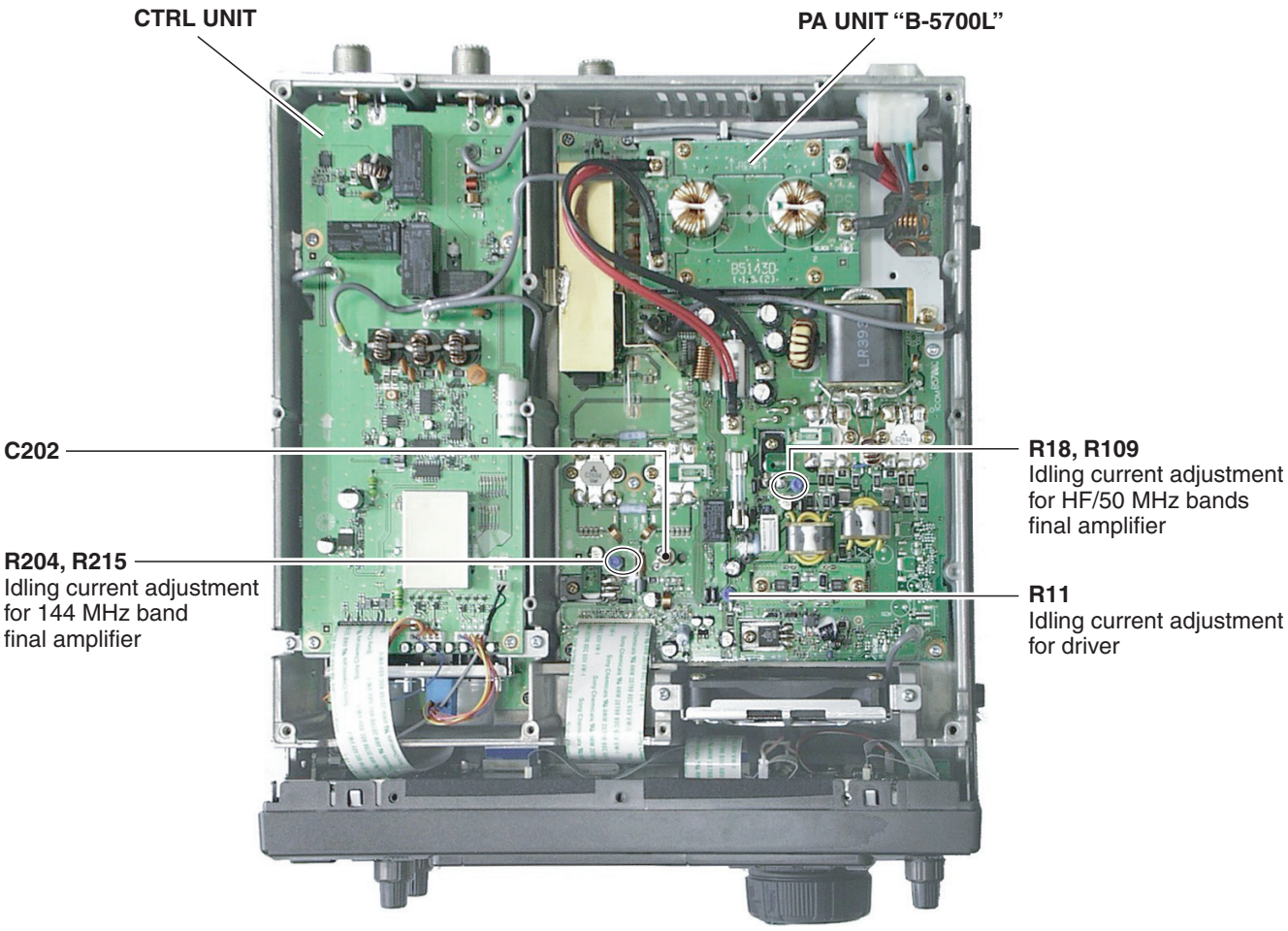
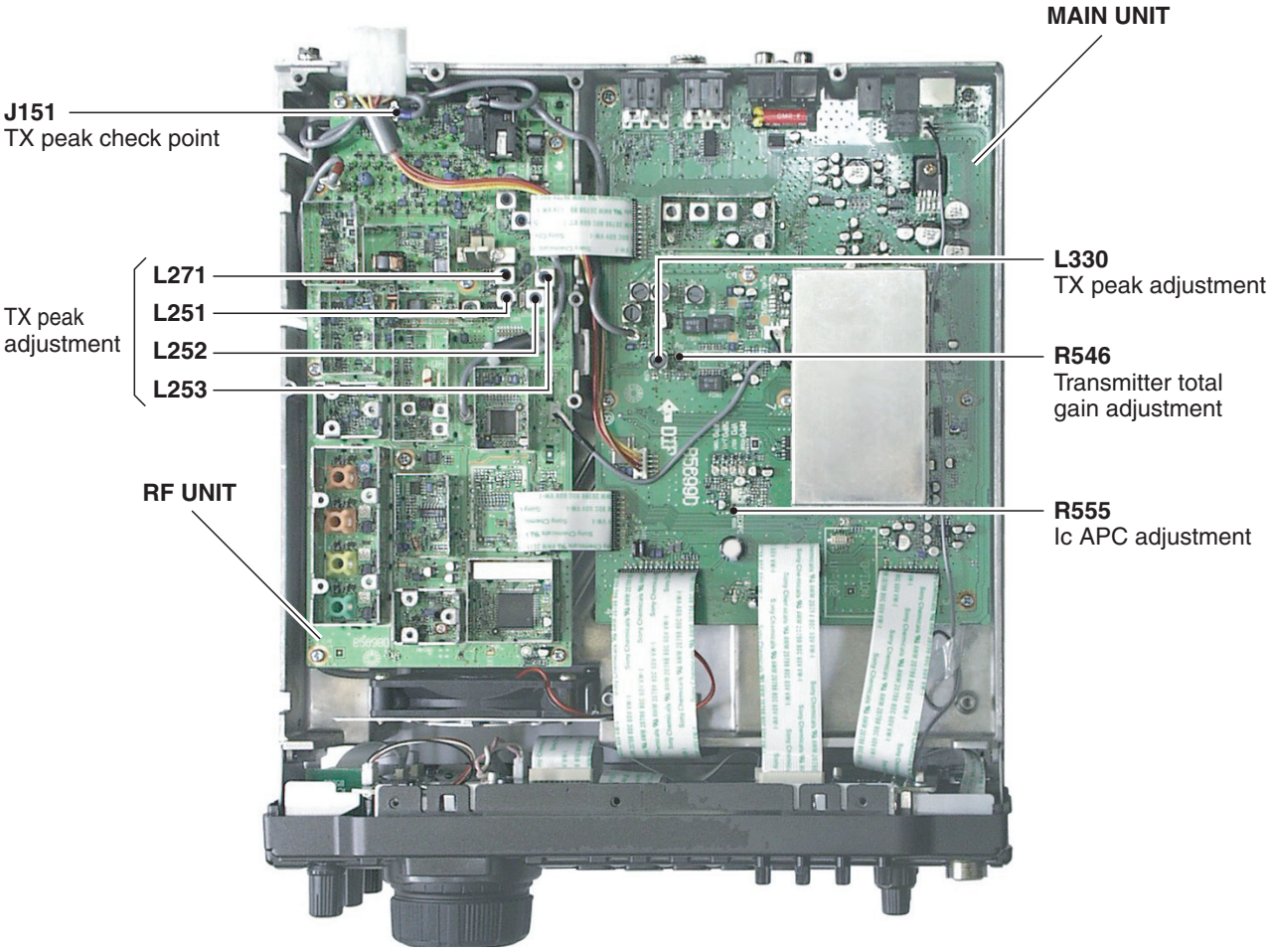
5-3 TRANSMITTER ADJUSTMENTS

ADJUSTMENT		ADJUSTMENT CONDITION	MEASUREMENT		VALUE	ADJUSTMENT POINT	
			UNIT	LOCATION		UNIT	ADJUST
IDLING CURRENT (driver)	1	• Displayed freq. : 14.100000 MHz • Mode : USB • [MIC GAIN] : Max.CCW • [RF POWER] : Max. CW • [TUNER] : OFF • Preset R11, R109, R18, R204, R215 (PA unit) to max. counter clockwise. • Turn C202 (PA unit) to 90° clockwise. • Transmitting	PA	Connect an ammeter between the power supply and the IC-7400.	+1.5 A	PA	R11
(HF/50 M band final amp.)	2	• Transmitting			+500 mA		R18
	3	• Transmitting					R109
(for 144 M band final amplifier)	4	• Displayed freq. : 144.00000 MHz • Mode : USB • Transmitting					R204
	5						R215
		After adjustment, disconnect the ammeter between the power supply and the IC-7400.					
144 M PEAK	1	• Displayed freq. : 146.00000 MHz [USA] 144.00000 MHz [except USA] • Mode : RTTY • Transmitting	Rear panel	Connect an RF power meter to the [ANT 144MHz] connector.	Maximum output power	PA	C202
TX PEAK	1	• Displayed freq. : 145.00000 MHz • Mode : USB • Set following controls as: [RF POWER] : Max. CW [MIC GAIN] : Center [KEY SPEED]: Center [PITCH] : Center • Disconnect P1 (PA unit) from J151 (RF unit). • Connect an audio generator to [MIC] connector and set as: Frequency : 1.5 kHz Level : 1 mVrms • Transmitting	RF	Connect a digital multimeter or oscilloscope to the check point J151.	Maximum output Level	RF	Adjust in sequence L253, L252, L251, L272 several times.
		After adjustment, re-connect P1 (PA unit) to J151 (RF unit).					
	2	• Displayed freq. : 14.100000 MHz • Mode : USB • Connect an audio generator as: Frequency : 1.5 kHz Level : 1 mVrms • Transmitting	Rear panel	Connect an RF power meter to the [ANT1] connector.	50 W	Front panel	[MIC GAIN] control
	3	• Transmitting			Maximum output power	MAIN	L330
TRANSMITTER TOTAL GAIN	1	• Displayed freq. : 14.100000 MHz • Mode : USB • [MIC GAIN] : Center • Connect an audio generator to [MIC] connector and set as: Frequency : 1.5 kHz Level : 1 mVrms • Transmitting	Rear panel	Connect an RF power meter to [ANT1] connector.	50 W	MAIN	R331
Ic APC	1	• Mode : RTTY • Connect CP300 to GND. • Transmitting on the maximum TX current band.	Rear panel	Connect an ammeter between power supply and the IC-7400.	23 A	MAIN	R555


CTRL UNIT
PA UNIT "B-5700L"
C202
R204, R215
Idling current adjustment
for 144 MHz band
final amplifier
R18, R109
Idling current adjustment
for HF/50 MHz bands
final amplifier
R11
Idling current adjustment
for driver


MAIN UNIT
J151
TX peak check point
TX peak
adjustment
L271
L251
L252
L253
L330
TX peak adjustment
R546
Transmitter total
gain adjustment
RF UNIT
R555
Ic APC adjustment

PARTS LIST

[FRONT UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
W19	8900009271	CBL	OPC-912A (P1,N22,L70)
W20	8900015160	CBL	OPC-916A (P1,N22,L120)
W21	8900009271	CBL	OPC-912A (P1,N22,L70)
W22	8900009271	CBL	OPC-912A (P1,N22,L70)
W24	8900009231	CBL	OPC-908A (P1,N10,L60)
W25	8900009660	CBL	OPC-964 (P=1 N=10 L=60)
W26	8900009231	CBL	OPC-908A (P1,N10,L60)
W27	8900009231	CBL	OPC-908A (P1,N10,L60)
EP1	0880000950	UBD	EX-2500 #01
EP2	6450001230	E.OTH	HLJ0999-01-480
EP3	6450001230	E.OTH	HLJ0999-01-480

[S-LOGIC UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
IC101	1130013470	S.IC	CD4071BNSR
IC102	1130011130	S.IC	BU4030BF-E2
IC401	1110006250	S.IC	NJM2360AM-TE1
IC571	1130004171	S.IC	TC4S01F (TE85R,F)
Q301	1530002060	S.TR	2SC4081 T106 R
Q302	1520000651	S.TR	2SB1201S-TL-E
Q303	1530003301	S.TR	2SC3647S-TD-E
Q304	1530003301	S.TR	2SC3647S-TD-E
D301	1730000591	S.ZEN	RD3.0M-T2B-A B2
D402	1790001471	S.DIO	SB10-05P-TD-E
D573	1750000370	S.DIO	DA221 TL
L301	6180000990	COL	LAL 04NA 101K
L302	6190001191	S.COL	D10F-#A814AY-101K
L303	6190001181	S.COL	#D818HN-1107
L401	6190001201	S.COL	D10F-#A814AY-681K
L402	6190001211	S.COL	D10F-#A814AY-221K
L403	6190001201	S.COL	D10F-#A814AY-681K
L601	6200007031	S.COL	SLF7032T-101MR45-2PF
R1	7210002890	VAR	RK161221005J/RV-308
R2	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R3	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R4	7210002890	VAR	RK161221005J/RV-308
R5	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R6	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R7	7210003210	VAR	EVU-FLAED7B14
R8	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R9	7210003210	VAR	EVU-FLAED7B14
R10	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R11	7210003210	VAR	EVU-FLAED7B14
R12	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R13	7210003210	VAR	EVU-FLAED7B14
R14	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R15	7030003540	S.RES	ERJ3GEYJ 682 V (6.8 k)
R16	7030003480	S.RES	ERJ3GEYJ 222 V (2.2 k)
R17	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)
R18	7030003580	S.RES	ERJ3GEYJ 153 V (15 k)
R101	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)
R102	7030003720	S.RES	ERJ3GEYJ 224 V (220 k)
R103	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)
R104	7030003800	S.RES	ERJ3GEYJ 105 V (1 M)
R105	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)
R106	7030003720	S.RES	ERJ3GEYJ 224 V (220 k)
R107	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)
R108	7030003800	S.RES	ERJ3GEYJ 105 V (1 M)
R111	7030003580	S.RES	ERJ3GEYJ 153 V (15 k)
R112	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)
R113	7030003580	S.RES	ERJ3GEYJ 153 V (15 k)
R301	7030003540	S.RES	ERJ3GEYJ 682 V (6.8 k)
R302	7030003620	S.RES	ERJ3GEYJ 333 V (33 k)
R303	7030000300	S.RES	MCR10EZHJ 220 (221)
R304	7030003500	S.RES	ERJ3GEYJ 332 V (3.3 k)
R305	7030003500	S.RES	ERJ3GEYJ 332 V (3.3 k)
R306	7510001380	S.TMR	NTCG20 3JH 472JT
R401	7030004050	S.RES	ERJ3GEYJ 1R0 V (1)
R402	7030004050	S.RES	ERJ3GEYJ 1R0 V (1)
R403	7030006091	S.RES	ERA3YED 822V (8.2 k)
R404	7030006461	S.RES	ERA3YED 152V (1.5 k)
R571	7030003600	S.RES	ERJ3GEYJ 223 V (22 k)
R576	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)
C1	4030006880	S.CER	C1608 JB 1H 472K-T
C2	4030006880	S.CER	C1608 JB 1H 472K-T
C3	4030006880	S.CER	C1608 JB 1H 472K-T
C4	4030006880	S.CER	C1608 JB 1H 472K-T
C5	4030006880	S.CER	C1608 JB 1H 472K-T
C6	4030006880	S.CER	C1608 JB 1H 472K-T
C7	4030006880	S.CER	C1608 JB 1H 472K-T
C8	4030006880	S.CER	C1608 JB 1H 472K-T

[S-LOGIC UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
C9	4030011600	S.CER	C1608 JB 1E 104K-T
C101	4030006860	S.CER	C1608 JB 1H 102K-T
C102	4030006860	S.CER	C1608 JB 1H 102K-T
C111	4030011600	S.CER	C1608 JB 1E 104K-T
C112	4030006860	S.CER	C1608 JB 1H 102K-T
C113	4030006860	S.CER	C1608 JB 1H 102K-T
C114	4030006860	S.CER	C1608 JB 1H 102K-T
C115	4030011600	S.CER	C1608 JB 1E 104K-T
C302	4510008540	S.ELE	EEE1CA100SR
C303	4510008520	S.ELE	EEE1CA470SP
C304	4310001140	MYLER	250 MMW 473K EF
C305	4030013860	S.CER	GRM42D1X3F120JY02L (GHM1038 SL)
C306	4510008550	S.ELE	EEE1HA010SR
C307	4510008540	S.ELE	EEE1CA100SR
C401	4030011600	S.CER	C1608 JB 1E 104K-T
C402	4510004591	ELE	16 ME 470 HC
C403	4030011600	S.CER	C1608 JB 1E 104K-T
C404	4510005000	ELE	16 ME 220 HC
C405	4030011280	S.CER	C1608 CH 1H 271J-T
C406	4510008830	S.ELE	EEE1CA221P
C407	4030011600	S.CER	C1608 JB 1E 104K-T
C408	4030011600	S.CER	C1608 JB 1E 104K-T
C409	4510008540	S.ELE	EEE1CA100SR
C571	4510008560	S.ELE	EEE1HAR47SR
C572	4030011600	S.CER	C1608 JB 1E 104K-T
C701	4030007130	S.CER	C1608 CH 1H 101J-T
C702	4030007130	S.CER	C1608 CH 1H 101J-T
C703	4030007130	S.CER	C1608 CH 1H 101J-T
C704	4030007130	S.CER	C1608 CH 1H 101J-T
C705	4030007130	S.CER	C1608 CH 1H 101J-T
J301	6510019991	S.CNR	52808-2271 (2291)
J302	6510019991	S.CNR	52808-2271 (2291)
J303	6510003401	CNR	B04B-EH-S (LF) (SN)
J501	6510019971	S.CNR	52808-1071
J502	6510019971	S.CNR	52808-1071
J507	6510019971	S.CNR	52808-1071
J508	6510019971	S.CNR	52808-1071
J601	6510019991	S.CNR	52808-2271 (2291)
J604	6510003401	CNR	B04B-EH-S (LF) (SN)
S1	2260001890	S.SW	SKQDPA
S2	2260001890	S.SW	SKQDPA
S3	2260001890	S.SW	SKQDPA
S4	2260001890	S.SW	SKQDPA
S5	2260001890	S.SW	SKQDPA
S6	2260001890	S.SW	SKQDPA
S7	2260001890	S.SW	SKQDPA
S8	2260001890	S.SW	SKQDPA
S9	2260001890	S.SW	SKQDPA
S10	2260001890	S.SW	SKQDPA
S11	2260001890	S.SW	SKQDPA
S601	2260001890	S.SW	SKQDPA
EP701	6910013310	S.BEA	MMZ1608D121B
EP703	6910013310	S.BEA	MMZ1608D121B

[DISPLAY UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
IC1001	1140010371	S.IC	HD6433833SD85HV (SX-2494C)
IC1002	1130007810	S.IC	BU4051BCF-E2
IC1003	1130006911	S.IC	TC7W74F (TE12L,F)
IC1004	1130007041	S.IC	TC7W32F (TE12L,F)
IC1005	1110003750	S.IC	M5218AFP 600C
IC1006	1130007960	S.IC	SED1522F0C (QFP15-100PIN
IC1007	1130008860	S.IC	HD61203UFS
IC1008	1130008850	S.IC	HD61202UFS
IC1009	1130008850	S.IC	HD61202UFS
IC1010	1110003750	S.IC	M5218AFP 600C
IC1011	1110003750	S.IC	M5218AFP 600C
IC1012	1110003750	S.IC	M5218AFP 600C
IC1013	1110003750	S.IC	M5218AFP 600C
Q1012	1590001960	S.TR	XP4311 (TX)
D1001	1790001250	S.DIO	MA2S111-(TX)
D1002	1790001250	S.DIO	MA2S111-(TX)
D1003	1750000370	S.DIO	DA221 TL
D1004	1750000370	S.DIO	DA221 TL
D1005	1790001250	S.DIO	MA2S111-(TX)
X1001	6050009870	S.XTL	CR-567 (9.8304 MHz)
R531	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R532	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R533	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R534	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R535	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R536	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R537	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R538	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R539	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R540	7030003480	S.RES	ERJ3GEYJ 222 V (2.2 k)
R541	7030003420	S.RES	ERJ3GEYJ 681 V (680)
R542	7030003480	S.RES	ERJ3GEYJ 222 V (2.2 k)
R543	7030003420	S.RES	ERJ3GEYJ 681 V (680)
R544	7030003420	S.RES	ERJ3GEYJ 681 V (680)
R551	7030003540	S.RES	ERJ3GEYJ 682 V (6.8 k)
R552	7030003480	S.RES	ERJ3GEYJ 222 V (2.2 k)
R553	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)
R554	7030003580	S.RES	ERJ3GEYJ 153 V (15 k)
R555	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R556	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R557	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R558	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R559	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R560	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R1001	7030003800	S.RES	ERJ3GEYJ 105 V (1 M)
R1002	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)
R1003	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)
R1004	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)
R1005	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)
R1006	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)
R1007	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)
R1008	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)
R1009	7030003700	S.RES	ERJ3GEYJ 154 V (150 k)
R1012	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)
R1013	7030003400	S.RES	ERJ3GEYJ 471 V (470)
R1014	7030003710	S.RES	ERJ3GEYJ 184 V (180 k)
R1017	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)
R1018	7030003400	S.RES	ERJ3GEYJ 471 V (470)
R1019	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)
R1020	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)
R1021	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)
R1022	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)
R1023	7030003840	S.RES	ERJ3GEYJ 225 V (2.2 M)
R1024	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)
R1025	7030003220	S.RES	ERJ3GEYJ 150 V (15)
R1026	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)
R1027	7030003220	S.RES	ERJ3GEYJ 150 V (15)
R1028	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)
R1029	7030003220	S.RES	ERJ3GEYJ 150 V (15)
R1030	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)
R1031	7030003220	S.RES	ERJ3GEYJ 150 V (15)
R1032	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)
R1033	7030003220	S.RES	ERJ3GEYJ 150 V (15)
R1034	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)
R1035	7030003220	S.RES	ERJ3GEYJ 150 V (15)
R1036	7030003810	S.RES	ERJ3GEYJ 125 V (1.2 M)
R1037	7030003840	S.RES	ERJ3GEYJ 225 V (2.2 M)
R1038	7030003790	S.RES	ERJ3GEYJ 824 V (820 k)
R1039	7030003650	S.RES	ERJ3GEYJ 563 V (56 k)
R1040	7030003800	S.RES	ERJ3GEYJ 105 V (1 M)
R1041	7030003840	S.RES	ERJ3GEYJ 225 V (2.2 M)
R1042	7030003790	S.RES	ERJ3GEYJ 824 V (820 k)
R1043	7030003650	S.RES	ERJ3GEYJ 563 V (56 k)
R1044	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)
R1045	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)
R1046	7510001420	S.TMR	NTCG20 3SH 223JT
R1047	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)
R1048	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)
R1049	7030003720	S.RES	ERJ3GEYJ 224 V (220 k)
R1050	7030003620	S.RES	ERJ3GEYJ 333 V (33 k)
R1051	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R1052	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R1054	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)
R1055	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)
R1056	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)
R1057	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)

[DISPLAY UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
R1058	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)
R1060	7030003590	S.RES	ERJ3GEYJ 183 V (18 k)
R1101	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R1102	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R1103	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R1104	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R1105	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R1106	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R1107	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R1108	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R1109	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R1110	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R1111	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R1112	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R1113	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R1114	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R1115	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R1116	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)
R1117	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)
R1118	7030003480	S.RES	ERJ3GEYJ 222 V (2.2 k)
R1119	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R1120	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R1121	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R1122	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R1123	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R1131	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R1132	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)
R1133	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R1134	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R1135	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R1136	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)
R1137	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R1138	7030003640	S.RES	ERJ3GEYJ 473 V (47 k)
R1201	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R1202	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R1203	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R1204	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R1205	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R1206	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R1207	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R1208	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
C531	4030006880	S.CER	C1608 JB 1H 472K-T
C532	4030006880	S.CER	C1608 JB 1H 472K-T
C533	4030006880	S.CER	C1608 JB 1H 472K-T
C534	4030006880	S.CER	C1608 JB 1H 472K-T
C535	4030006880	S.CER	C1608 JB 1H 472K-T
C536	4030006880	S.CER	C1608 JB 1H 472K-T
C537	4030006880	S.CER	C1608 JB 1H 472K-T
C538	4030006880	S.CER	C1608 JB 1H 472K-T
C539	4030006880	S.CER	C1608 JB 1H 472K-T
C540	4030006880	S.CER	C1608 JB 1H 472K-T
C541	4030006880	S.CER	C1608 JB 1H 472K-T
C542	4030006880	S.CER	C1608 JB 1H 472K-T
C543	4030006880	S.CER	C1608 JB 1H 472K-T
C544	4030006880	S.CER	C1608 JB 1H 472K-T
C551	4030011600	S.CER	C1608 JB 1E 104K-T
C552	4030006880	S.CER	C1608 JB 1H 472K-T
C553	4030006880	S.CER	C1608 JB 1H 472K-T
C554	4030006880	S.CER	C1608 JB 1H 472K-T
C555	4030006880	S.CER	C1608 JB 1H 472K-T
C556	4030006880	S.CER	C1608 JB 1H 472K-T
C557	4030006880	S.CER	C1608 JB 1H 472K-T
C1001	4030011600	S.CER	C1608 JB 1E 104K-T
C1002	4030007020	S.CER	C1608 CH 1H 120J-T
C1003	4030007020	S.CER	C1608 CH 1H 120J-T
C1004	4030011600	S.CER	C1608 JB 1E 104K-T
C1005	4030011600	S.CER	C1608 JB 1E 104K-T
C1006	4030011600	S.CER	C1608 JB 1E 104K-T
C1007	4030011600	S.CER	C1608 JB 1E 104K-T
C1008	4030011600	S.CER	C1608 JB 1E 104K-T
C1009	4510008540	S.ELE	EEE1CA100SR
C1010	4510008540	S.ELE	EEE1CA100SR
C1011	4030011600	S.CER	C1608 JB 1E 104K-T
C1012	4030011600	S.CER	C1608 JB 1E 104K-T
C1013	4030011600	S.CER	C1608 JB 1E 104K-T
C1014	4030011600	S.CER	C1608 JB 1E 104K-T
C1015	4550006250	S.TAN	TEESVA 1A 106M8R
C1016	4030011600	S.CER	C1608 JB 1E 104K-T
C1019	4030008880	S.CER	C1608 JB 1H 223K-T
C1101	4030006880	S.CER	C1608 JB 1H 472K-T
C1201	4030006880	S.CER	C1608 JB 1H 472K-T
C1202	4030006880	S.CER	C1608 JB 1H 472K-T
C1203	4030006880	S.CER	C1608 JB 1H 472K-T
C1204	4030006880	S.CER	C1608 JB 1H 472K-T
C1205	4030006880	S.CER	C1608 JB 1H 472K-T
C1206	4030006880	S.CER	C1608 JB 1H 472K-T
C1207	4030006880	S.CER	C1608 JB 1H 472K-T
C1208	4030006880	S.CER	C1608 JB 1H 472K-T
J503	6510019991	S.CNR	52808-2271 (2291)
J505	6510019991	S.CNR	52808-2271 (2291)
J1001	6510019991	S.CNR	52808-2271 (2291)
J1002	6510019991	S.CNR	52808-2271 (2291)
DS1001	5030002150	LCD	DLC-83006S4GT
DS1002	5080000420	CFL	HMB S 3 A1W 70N/AZ ASSY
W1020	7030003860	S.RES	ERJ3GE JPW V
EP1	8930046361	LCT	SRCN-2072-SP-N-W-1

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
IC200	1110003870	S.IC	NJM2058M-TE1
IC280	1130005641	S.IC	TC4W53F (TE12L,F)
IC281	1130003611	S.IC	TC4SU69F (TE85R,F)
IC282	1130003611	S.IC	TC4SU69F (TE85R,F)
IC300	1110003870	S.IC	NJM2058M-TE1
IC360	1110000960	S.IC	NJM4558M-TE1-#FMZB
IC400	1110004840	S.IC	NJM1496V-TE1
IC502	1110004310	S.IC	M62352GP 75EC
IC1001	1110002700	S.IC	NJM2904M-TE1-#FMZB
IC1040	1130005641	S.IC	TC4W53F (TE12L,F)
IC1060	1110000960	S.IC	NJM4558M-TE1-#FMZB
IC1080	1110003300	S.IC	M5282FP 70CD
IC1120	1110005061	S.IC	uPC4574G2-E1-A
IC1160	1130005641	S.IC	TC4W53F (TE12L,F)
IC1180	1110003300	S.IC	M5282FP 70CD
IC1220	1130005641	S.IC	TC4W53F (TE12L,F)
IC1240	1110003091	IC	LA4425A-E
IC1280	1110000960	S.IC	NJM4558M-TE1-#FMZB
IC1300	1110003870	S.IC	NJM2058M-TE1
IC1310	1130008230	S.IC	BU4053BCFV-E2
IC1400	1110003300	S.IC	M5282FP 70CD
IC1401	1110003870	S.IC	NJM2058M-TE1
IC1460	1110005420	S.IC	BA15532F-E2
IC1500	1140010431	S.IC	HD6432357A26FV (SX-2494A)
IC1560	1110005771	S.IC	S-80942CNMC-G9CT2G
IC1580	1140009240	S.IC	HN58X24128FPI
IC1900	1130008230	S.IC	BU4053BCFV-E2
IC1940	1130005721	S.IC	TC7W04F (TE12L,F)
IC2040	1130003831	S.IC	TC7S04F (TE85R,F)
Q200	1560000561	S.FET	2SK882-GR (TE85L,F)
Q201	1560000561	S.FET	2SK882-GR (TE85L,F)
Q202	1560000561	S.FET	2SK882-GR (TE85L,F)
Q203	1530002060	S.TR	2SC4081 T106 R
Q204	1530002060	S.TR	2SC4081 T106 R
Q205	1510000510	S.TR	2SA1576A T106R
Q206	1530002060	S.TR	2SC4081 T106 R
Q207	1590003430	S.TR	UNR911HJ-(TX)
Q208	1590001960	S.TR	XP4311 (TX)
Q250	1580000620	S.FET	3SK131-T2 MAS
Q300	1590000680	S.TR	DTC114EUA T106
Q301	1590000680	S.TR	DTC114EUA T106
Q302	1590000680	S.TR	DTC114EUA T106
Q303	1510000510	S.TR	2SA1576A T106R
Q304	1590000680	S.TR	DTC114EUA T106
Q305	1590002150	S.TR	DTC144TE TL
Q306	1590000680	S.TR	DTC114EUA T106
Q307	1510000510	S.TR	2SA1576A T106R
Q308	1510000510	S.TR	2SA1576A T106R
Q309	1590002150	S.TR	DTC144TE TL
Q330	1560000561	S.FET	2SK882-GR (TE85L,F)
Q381	1590001960	S.TR	XP4311 (TX)
Q450	1530002060	S.TR	2SC4081 T106 R
Q451	1530002060	S.TR	2SC4081 T106 R
Q452	1540000441	S.TR	2SD1619T-TD-E
Q453	1540000441	S.TR	2SD1619T-TD-E
Q511	1530002060	S.TR	2SC4081 T106 R
Q700	1530002060	S.TR	2SC4081 T106 R
Q720	1590000680	S.TR	DTC114EUA T106
Q721	1530002060	S.TR	2SC4081 T106 R
Q722	1530002060	S.TR	2SC4081 T106 R
Q740	1590000680	S.TR	DTC114EUA T106
Q780	1530002060	S.TR	2SC4081 T106 R
Q782	1540000441	S.TR	2SD1619T-TD-E
Q783	1590001870	S.TR	DTA114EE TL
Q784	1590000680	S.TR	DTC114EUA T106
Q785	1540000441	S.TR	2SD1619T-TD-E
Q786	1540000441	S.TR	2SD1619T-TD-E
Q787	1590000680	S.TR	DTC114EUA T106
Q788	1590000680	S.TR	DTC114EUA T106
Q790	1590001870	S.TR	DTA114EE TL [DEN], [ITR], [ESP], [KOR] only
Q801	1520000651	S.TR	2SB1201S-TL-E
Q802	1530002691	S.TR	2SC4116-GR (TE85R,F)
Q810	1530002060	S.TR	2SC4081 T106 R
Q1140	1560000841	S.FET	2SK1829 (TE85R,F)
Q1260	1540000471	S.TR	2SD1801S-TL-E
Q1261	1590000680	S.TR	DTC114EUA T106
Q1860	1590000680	S.TR	DTC114EUA T106
Q1880	1590000680	S.TR	DTC114EUA T106
Q1940	1510000510	S.TR	2SA1576A T106R
Q1941	1530002060	S.TR	2SC4081 T106 R
D200	1790001211	S.DIO	1SS375-TL-E [DEN], [ESP], [KOR] only
D202	1790001250	S.DIO	MA2S111-(TX)
D250	1790001621	S.DIO	1SV308 (TPL3,F)
D251	1790001621	S.DIO	1SV308 (TPL3,F)
D252	1790001621	S.DIO	1SV308 (TPL3,F)
D253	1790001621	S.DIO	1SV308 (TPL3,F)
D303	1790001611	S.DIO	1SS385 (TE85L,F)
D305	1790001250	S.DIO	MA2S111-(TX)
D310	1730002340	S.ZEN	MA8047-M (TX)
D311	1790001330	S.ZEN	MA8036-L (TX)
D312	1750000520	S.DIO	DAN222TL
D360	1790001611	S.DIO	1SS385 (TE85L,F)
D361	1790001240	S.DIO	MA2S728-(TX)
D362	1790001250	S.DIO	MA2S111-(TX)
D363	1790001250	S.DIO	MA2S111-(TX)
D364	1790001240	S.DIO	MA2S728-(TX)
D380	1790000620	S.DIO	MA77 (TX)
D381	1790000620	S.DIO	MA77 (TX)
D382	1790000620	S.DIO	MA77 (TX)
D383	1790000620	S.DIO	MA77 (TX)

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
D450	1750000370	S.DIO	DA221 TL
D451	1750000370	S.DIO	DA221 TL
D550	1750000520	S.DIO	DAN222TL
D551	1750000520	S.DIO	DAN222TL
D552	1790001250	S.DIO	MA2S111-(TX)
D553	1790001250	S.DIO	MA2S111-(TX)
D700	1790001250	S.DIO	MA2S111-(TX)
D720	1750000520	S.DIO	DAN222TL
D721	1750000520	S.DIO	DAN222TL
D722	1790001250	S.DIO	MA2S111-(TX)
D723	1790001250	S.DIO	MA2S111-(TX)
D740	1750000520	S.DIO	DAN222TL
D781	1790001250	S.DIO	MA2S111-(TX)
D782	1790001250	S.DIO	MA2S111-(TX)
D783	1790001250	S.DIO	MA2S111-(TX)
D784	1750000520	S.DIO	DAN222TL
D801	1790001170	S.ZEN	MA8068-M (TX)
D810	1790001250	S.DIO	MA2S111-(TX)
D1300	1790001611	S.DIO	1SS385 (TE85L,F)
D1822	1790001250	S.DIO	MA2S111-(TX) [EUR], [FRA], [DEN], [ITR], [ESP], [KOR] only
D1840	1750000370	S.DIO	DA221 TL
D1841	1750000370	S.DIO	DA221 TL
D1880	1750000370	S.DIO	DA221 TL
D1881	1750000370	S.DIO	DA221 TL
D1900	1790001670	S.DIO	RB706F-40T106
D1901	1790001670	S.DIO	RB706F-40T106
D1940	1790001250	S.DIO	MA2S111-(TX)
D2000	1790001611	S.DIO	1SS385 (TE85L,F)
FI271	2020001740	CER	CFWLB455KDFA-B0 (CFWM455D)
FI272	2020001740	CER	CFWLB455KDFA-B0 (CFWM455D)
FI381	2020001740	CER	CFWLB455KDFA-B0 (CFWM455D)
X1500	6050009520	S.XTL	CR-520 (19.6608 MHz)
L120	2040000490	COL	EXC-ELDR25C
L121	2040000490	COL	EXC-ELDR25C
L122	6200001831	S.COL	NLV32T-100J
L123	6200001831	S.COL	NLV32T-100J
L124	6200001831	S.COL	NLV32T-100J
L125	6200001831	S.COL	NLV32T-100J
L126	6200001831	S.COL	NLV32T-100J
L127	6200003950	S.COL	HF50ACC 322513-T
L128	6200003950	S.COL	HF50ACC 322513-T
L129	6200003950	S.COL	HF50ACC 322513-T
L130	6200003950	S.COL	HF50ACC 322513-T
L140	6200003950	S.COL	HF50ACC 322513-T
L141	6200003950	S.COL	HF50ACC 322513-T
L142	6200003950	S.COL	HF50ACC 322513-T
L143	6200003950	S.COL	HF50ACC 322513-T
L144	6200001831	S.COL	NLV32T-100J
L145	6200001831	S.COL	NLV32T-100J
L181	6200009690	S.COL	LQH43CN101K03L
L200	6180001000	COL	LAL 04NA 102K
L201	6150002291	COL	LS-450
L202	6150002291	COL	LS-450
L203	6150002291	COL	LS-450
L250	6200005491	S.COL	NLV32T-331J
L251	6150004080	COL	LS-468 (C-13958)
L252	6150004080	COL	LS-468 (C-13958)
L253	6150004080	COL	LS-468 (C-13958)
L254	6150004080	COL	LS-468 (C-13958)
L280	6200003261	S.COL	NLV32T-101J
L281	6200003261	S.COL	NLV32T-101J
L330	6150004090	COL	LS-469 (C-13969)
L400	6200003261	S.COL	NLV32T-101J
L402	6200003261	S.COL	NLV32T-101J
L700	6200003261	S.COL	NLV32T-101J
L701	6200003261	S.COL	NLV32T-101J
L702	6200003261	S.COL	NLV32T-101J
L703	6200003590	S.COL	EXCCL3225U1
L704	6200003261	S.COL	NLV32T-101J
L740	6200003950	S.COL	HF50ACC 322513-T
L741	6200003950	S.COL	HF50ACC 322513-T
L742	6200003950	S.COL	HF50ACC 322513-T
L760	6200003241	S.COL	NLV32T-221J
L761	6200003241	S.COL	NLV32T-221J
L762	6200008820	S.COL	HF70ACC 635050-T
L763	6200008820	S.COL	HF70ACC 635050-T
L780	6200003950	S.COL	HF50ACC 322513-T
L781	6200003261	S.COL	NLV32T-101J
L782	6200003950	S.COL	HF50ACC 322513-T
L783	6200003261	S.COL	NLV32T-101J
L784	6200003261	S.COL	NLV32T-101J
L785	6200003950	S.COL	HF50ACC 322513-T
L786	6200003261	S.COL	NLV32T-101J
L787	6200003261	S.COL	NLV32T-101J
L788	6200003261	S.COL	NLV32T-101J
L789	6200003950	S.COL	HF50ACC 322513-T
L790	6200003950	S.COL	HF50ACC 322513-T
L791	6200003950	S.COL	HF50ACC 322513-T
L792	6200003950	S.COL	HF50ACC 322513-T
L793	6200003950	S.COL	HF50ACC 322513-T
L794	6200003950	S.COL	HF50ACC 322513-T
L795	6200003950	S.COL	HF50ACC 322513-T
L796	6200003950	S.COL	HF50ACC 322513-T
L1401	6200001831	S.COL	NLV32T-100J
L1880	6200001831	S.COL	NLV32T-100J
L1881	6200001831	S.COL	NLV32T-100J
L2020	6200003331	S.COL	NLV32T-1R0J

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION
L2060	6200001831	S.COL NLV32T-100J
L2061	6200003331	S.COL NLV32T-1R0J
R100	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R101	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R102	7030003320	S.RES ERJ3GEYJ 101 V (100)
R103	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R104	7030003320	S.RES ERJ3GEYJ 101 V (100)
R105	7030003320	S.RES ERJ3GEYJ 101 V (100)
R120	7030003320	S.RES ERJ3GEYJ 101 V (100)
R121	7030003320	S.RES ERJ3GEYJ 101 V (100)
R122	7030003320	S.RES ERJ3GEYJ 101 V (100)
R123	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R124	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R140	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R141	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R142	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R143	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R160	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R180	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R181	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R182	7030003360	S.RES ERJ3GEYJ 221 V (220)
R183	7030003360	S.RES ERJ3GEYJ 221 V (220)
R184	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R200	7310005040	S.TRI RH03ADCJ4X (22 k)
R202	7030003400	S.RES ERJ3GEYJ 471 V (470)
R203	7030003320	S.RES ERJ3GEYJ 101 V (100)
R204	7030003600	S.RES ERJ3GEYJ 223 V (22 k)
R205	7030003400	S.RES ERJ3GEYJ 471 V (470)
R206	7030003320	S.RES ERJ3GEYJ 101 V (100)
R207	7030003600	S.RES ERJ3GEYJ 223 V (22 k)
R208	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)
R209	7030003320	S.RES ERJ3GEYJ 101 V (100)
R210	7030003600	S.RES ERJ3GEYJ 223 V (22 k)
R211	7030003600	S.RES ERJ3GEYJ 223 V (22 k)
R212	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R213	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R215	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R216	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R217	7030003840	S.RES ERJ3GEYJ 225 V (2.2 M)
R218	7030003380	S.RES ERJ3GEYJ 331 V (330)
R219	7030003540	S.RES ERJ3GEYJ 682 V (6.8 k)
R220	7030003540	S.RES ERJ3GEYJ 682 V (6.8 k)
R221	7030003280	S.RES ERJ3GEYJ 470 V (47)
R222	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R223	7030003600	S.RES ERJ3GEYJ 223 V (22 k)
R250	7030000340	S.RES MCR10EZHJ 470 (471)
R251	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R252	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R253	7030000310	S.RES MCR10EZHJ 270 (271)
R254	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R255	7030003400	S.RES ERJ3GEYJ 471 V (470)
R256	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R257	7030003460	S.RES ERJ3GEYJ 152 V (1.5 k)
R258	7030003280	S.RES ERJ3GEYJ 470 V (47)
R259	7030003300	S.RES ERJ3GEYJ 680 V (68)
R260	7030003460	S.RES ERJ3GEYJ 152 V (1.5 k)
R261	7030003200	S.RES ERJ3GEYJ 100 V (10)
R263	7030003460	S.RES ERJ3GEYJ 152 V (1.5 k)
R264	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R280	7030003460	S.RES ERJ3GEYJ 152 V (1.5 k)
R281	7030003800	S.RES ERJ3GEYJ 105 V (1 M)
R282	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R300	7030009920	S.RES ERJ3GEYJ 335 V (3.3 M)
R301	7030003840	S.RES ERJ3GEYJ 225 V (2.2 M)
R302	7030009930	S.RES ERJ3GEYJ 825 V (8.2 M)
R306	7310005150	S.TRI RH03ADCJ5X (220 k)
R307	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R308	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R310	7030003600	S.RES ERJ3GEYJ 223 V (22 k)
R311	7310005150	S.TRI RH03ADCJ5X (220 k)
R313	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R314	7030003720	S.RES ERJ3GEYJ 224 V (220 k)
R315	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
		[FRA], [DEN], [ITR], [ESP], [KOR] only
R316	7030003820	S.RES ERJ3GEYJ 155 V (1.5 M)
R317	7310005150	S.TRI RH03ADCJ5X (220 k)
R318	7030003380	S.RES ERJ3GEYJ 331 V (330)
R319	7030003600	S.RES ERJ3GEYJ 223 V (22 k)
R320	7310005150	S.TRI RH03ADCJ5X (220 k)
R321	7030003760	S.RES ERJ3GEYJ 474 V (470 k)
R322	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R323	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R324	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)
R326	7030009720	S.RES ERJ12YJ102U (1 k)
R327	7030003600	S.RES ERJ3GEYJ 223 V (22 k)
R328	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R330	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R331	7310005020	S.TRI RH03ADC14X (10 k)
R332	7030003320	S.RES ERJ3GEYJ 101 V (100)
R333	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R334	7030003600	S.RES ERJ3GEYJ 223 V (22 k)
R335	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R336	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R337	7510001530	S.TMR NTCG20 3NH 103JT
R360	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R361	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R363	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R364	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R365	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R366	7030003360	S.RES ERJ3GEYJ 221 V (220)
R367	7030003360	S.RES ERJ3GEYJ 221 V (220)
R368	7030003620	S.RES ERJ3GEYJ 333 V (33 k)

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION
R369	7030003620	S.RES ERJ3GEYJ 333 V (33 k)
R370	7030003740	S.RES ERJ3GEYJ 334 V (330 k)
R380	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)
R381	7030003510	S.RES ERJ3GEYJ 392 V (3.9 k)
R382	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R383	7030003360	S.RES ERJ3GEYJ 221 V (220)
R384	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R385	7030003320	S.RES ERJ3GEYJ 101 V (100)
R386	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)
R387	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R388	7030003360	S.RES ERJ3GEYJ 221 V (220)
R389	7030003510	S.RES ERJ3GEYJ 392 V (3.9 k)
R390	7030003320	S.RES ERJ3GEYJ 101 V (100)
R400	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R404	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R405	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R406	7030003530	S.RES ERJ3GEYJ 562 V (5.6 k)
R407	7030003360	S.RES ERJ3GEYJ 221 V (220)
R408	7030003500	S.RES ERJ3GEYJ 332 V (3.3 k)
R409	7030003510	S.RES ERJ3GEYJ 392 V (3.9 k)
R410	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R411	7030003420	S.RES ERJ3GEYJ 681 V (680)
R412	7030003500	S.RES ERJ3GEYJ 332 V (3.3 k)
R413	7030003320	S.RES ERJ3GEYJ 101 V (100)
R414	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)
R415	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R450	7030006210	S.RES ERJ12YJ4R7U (4.7)
R451	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R452	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R453	7030006210	S.RES ERJ12YJ4R7U (4.7)
R454	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R455	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)
R500	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R501	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R502	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R503	7030003400	S.RES ERJ3GEYJ 471 V (470)
R504	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R505	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R506	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R507	7030009891	S.RES ERA3YED 151V (150)
R508	7030009851	S.RES ERA3YED 271V (270)
R511	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R512	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R521	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R522	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R523	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R524	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R525	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R526	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R527	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R528	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R550	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R551	7030003660	S.RES ERJ3GEYJ 683 V (68 k)
R552	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R553	7030003620	S.RES ERJ3GEYJ 333 V (33 k)
R554	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R555	7310005020	S.TRI RH03ADC14X (10 k)
R556	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R557	7030003500	S.RES ERJ3GEYJ 332 V (3.3 k)
R558	7030003620	S.RES ERJ3GEYJ 333 V (33 k)
R559	7030003840	S.RES ERJ3GEYJ 225 V (2.2 M)
R560	7030003800	S.RES ERJ3GEYJ 105 V (1 M)
R561	7510001420	S.TMR NTCG20 3SH 223JT
R562	7510001420	S.TMR NTCG20 3SH 223JT
R700	7030003580	S.RES ERJ3GEYJ 153 V (15 k)
R701	7030003620	S.RES ERJ3GEYJ 333 V (33 k)
R702	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)
R703	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)
R720	7030003620	S.RES ERJ3GEYJ 333 V (33 k)
R721	7030003580	S.RES ERJ3GEYJ 153 V (15 k)
R722	7030003620	S.RES ERJ3GEYJ 333 V (33 k)
R723	7030003580	S.RES ERJ3GEYJ 153 V (15 k)
R724	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)
R725	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)
R726	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)
R727	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)
R740	7030003200	S.RES ERJ3GEYJ 100 V (10)
R780	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)
R781	7030003620	S.RES ERJ3GEYJ 333 V (33 k)
R782	7030003580	S.RES ERJ3GEYJ 153 V (15 k)
R783	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)
R785	7030003420	S.RES ERJ3GEYJ 681 V (680)
R786	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R787	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)
R788	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)
R789	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R790	7030003200	S.RES ERJ3GEYJ 100 V (10)
R791	7030003420	S.RES ERJ3GEYJ 681 V (680)
R792	7030003420	S.RES ERJ3GEYJ 681 V (680)
R793	7030003420	S.RES ERJ3GEYJ 681 V (680)
R794	7030003420	S.RES ERJ3GEYJ 681 V (680)
R795	7030003420	S.RES ERJ3GEYJ 681 V (680)
R796	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R797	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R801	7030007190	S.RES ERJ12YJ220U (22)
R802	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R803	7030003400	S.RES ERJ3GEYJ 471 V (470)
R804	7030007190	S.RES ERJ12YJ220U (22)
R811	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)
R812	7030003620	S.RES ERJ3GEYJ 333 V (33 k)
R813	7030003580	S.RES ERJ3GEYJ 153 V (15 k)
R814	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)
R1000	7030003780	S.RES ERJ3GEYJ 684 V (680 k)
R1001	7030003780	S.RES ERJ3GEYJ 684 V (680 k)

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION
R1002	7030003670	S.RES ERJ3GEYJ 823 V (82 k)
R1003	7030003670	S.RES ERJ3GEYJ 823 V (82 k)
R1004	7030003670	S.RES ERJ3GEYJ 823 V (82 k)
R1005	7030003690	S.RES ERJ3GEYJ 124 V (120 k)
R1006	7030003670	S.RES ERJ3GEYJ 823 V (82 k)
R1007	7030003760	S.RES ERJ3GEYJ 474 V (470 k)
R1008	7030003840	S.RES ERJ3GEYJ 225 V (2.2 M)
R1009	7030003800	S.RES ERJ3GEYJ 105 V (1 M)
R1013	7030003320	S.RES ERJ3GEYJ 101 V (100)
R1020	7030003500	S.RES ERJ3GEYJ 332 V (3.3 k)
R1021	7030003600	S.RES ERJ3GEYJ 223 V (22 k)
R1022	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R1023	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R1040	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1061	7030003760	S.RES ERJ3GEYJ 474 V (470 k)
R1062	7030003650	S.RES ERJ3GEYJ 563 V (56 k)
R1063	7030003780	S.RES ERJ3GEYJ 684 V (680 k)
R1064	7030003320	S.RES ERJ3GEYJ 101 V (100)
R1065	7030003320	S.RES ERJ3GEYJ 101 V (100)
R1080	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R1081	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1082	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R1083	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R1084	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1085	7030003320	S.RES ERJ3GEYJ 101 V (100)
R1086	7030003610	S.RES ERJ3GEYJ 273 V (27 k)
R1087	7030003550	S.RES ERJ3GEYJ 822 V (8.2 k)
R1088	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)
R1100	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R1101	7030003550	S.RES ERJ3GEYJ 822 V (8.2 k)
R1102	7030003610	S.RES ERJ3GEYJ 273 V (27 k)
R1103	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1104	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1105	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1106	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1107	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1108	7030003720	S.RES ERJ3GEYJ 224 V (220 k)
R1109	7030003320	S.RES ERJ3GEYJ 101 V (100)
R1110	7030003320	S.RES ERJ3GEYJ 101 V (100)
R1126	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1140	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)
R1141	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R1160	7030003320	S.RES ERJ3GEYJ 101 V (100)
R1161	7030003320	S.RES ERJ3GEYJ 101 V (100)
R1162	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1180	7030003580	S.RES ERJ3GEYJ 153 V (15 k)
R1181	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)
R1182	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1183	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1184	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1185	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1186	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R1187	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)
R1188	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1189	7030003320	S.RES ERJ3GEYJ 101 V (100)
R1190	7030003730	S.RES ERJ3GEYJ 274 V (270 k)
R1191	7030003670	S.RES ERJ3GEYJ 823 V (82 k)
R1192	7030003600	S.RES ERJ3GEYJ 223 V (22 k)
R1193	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R1220	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R1221	7030003320	S.RES ERJ3GEYJ 101 V (100)
R1222	7030003320	S.RES ERJ3GEYJ 101 V (100)
R1240	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R1241	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1242	7030003400	S.RES ERJ3GEYJ 471 V (470)
R1260	7030003280	S.RES ERJ3GEYJ 470 V (47)
R1280	7030003510	S.RES ERJ3GEYJ 392 V (3.9 k)
R1281	7030003540	S.RES ERJ3GEYJ 682 V (6.8 k)
R1282	7030003720	S.RES ERJ3GEYJ 224 V (220 k)
R1283	7030003700	S.RES ERJ3GEYJ 154 V (150 k)
R1284	7030003720	S.RES ERJ3GEYJ 224 V (220 k)
R1285	7030003530	S.RES ERJ3GEYJ 562 V (5.6 k)
R1286	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R1287	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R1288	7030003600	S.RES ERJ3GEYJ 223 V (22 k)
R1289	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R1300	7030003320	S.RES ERJ3GEYJ 101 V (100)
R1301	7030003320	S.RES ERJ3GEYJ 101 V (100)
R1302	7030003580	S.RES ERJ3GEYJ 153 V (15 k)
R1303	7030003590	S.RES ERJ3GEYJ 183 V (18 k)
R1304	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R1305	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R1306	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R1307	7030003780	S.RES ERJ3GEYJ 684 V (680 k)
R1308	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R1309	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R1310	7030003700	S.RES ERJ3GEYJ 154 V (150 k)
R1311	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R1312	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R1313	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R1314	7030003720	S.RES ERJ3GEYJ 224 V (220 k)
R1315	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R1400	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)
R1401	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R1402	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1403	7030003200	S.RES ERJ3GEYJ 100 V (10)
R1404	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R1406	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1407	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R1408	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R1409	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R1410	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R1411	7030003720	S.RES ERJ3GEYJ 224 V (220 k)
R1412	7030003540	S.RES ERJ3GEYJ 682 V (6.8 k)

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION
R1413	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1414	7030003600	S.RES ERJ3GEYJ 223 V (22 k)
R1415	7030003600	S.RES ERJ3GEYJ 223 V (22 k)
R1416	7030003600	S.RES ERJ3GEYJ 223 V (22 k)
R1417	7030003600	S.RES ERJ3GEYJ 223 V (22 k)
R1418	7030003600	S.RES ERJ3GEYJ 223 V (22 k)
R1419	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R1420	7030003320	S.RES ERJ3GEYJ 101 V (100)
R1423	7030003320	S.RES ERJ3GEYJ 101 V (100)
R1424	7030003420	S.RES ERJ3GEYJ 681 V (680)
R1425	7030003360	S.RES ERJ3GEYJ 221 V (220)
R1460	7030003200	S.RES ERJ3GEYJ 100 V (10)
R1461	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R1462	7030006461	S.RES ERA3YED 152V (1.5 k)
R1463	7030003200	S.RES ERJ3GEYJ 100 V (10)
R1464	7030006461	S.RES ERA3YED 152V (1.5 k)
R1465	7030006461	S.RES ERA3YED 152V (1.5 k)
R1466	7510001581	S.TMR NTCG16 4BH 153JT
R1467	7030008061	S.RES ERA3YED 222V (2.2 k)
R1468	7030008061	S.RES ERA3YED 222V (2.2 k)
R1469	7310005090	S.TRI RH03ADC13X (1 k)
R1470	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R1480	7030003320	S.RES ERJ3GEYJ 101 V (100)
R1481	7030003320	S.RES ERJ3GEYJ 101 V (100)
R1500	7030003360	S.RES ERJ3GEYJ 221 V (220)
R1501	7030003360	S.RES ERJ3GEYJ 221 V (220)
R1502	7030003360	S.RES ERJ3GEYJ 221 V (220)
R1503	7030003360	S.RES ERJ3GEYJ 221 V (220)
R1504	7030003360	S.RES ERJ3GEYJ 221 V (220)
R1505	7030003360	S.RES ERJ3GEYJ 221 V (220)
R1506	7030003360	S.RES ERJ3GEYJ 221 V (220)
R1507	7030003360	S.RES ERJ3GEYJ 221 V (220)
R1508	7030003360	S.RES ERJ3GEYJ 221 V (220)
R1509	7030003360	S.RES ERJ3GEYJ 221 V (220)
R1510	7030003360	S.RES ERJ3GEYJ 221 V (220)
R1511	7030003360	S.RES ERJ3GEYJ 221 V (220)
R1512	7030003360	S.RES ERJ3GEYJ 221 V (220)
R1560	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1561	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1562	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1580	7030003600	S.RES ERJ3GEYJ 223 V (22 k)
R1581	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R1620	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1621	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1622	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1623	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1700	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1701	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1702	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1703	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1720	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1721	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1740	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1741	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1742	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1743	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1760	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1780	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1800	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1801	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1802	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1803	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1804	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1820	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1821	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1822	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1823	7030003320	S.RES ERJ3GEYJ 101 V (100)
R1824	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1825	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1826	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1827	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1828	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1840	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1841	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R1842	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R1843	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1844	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1845	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1846	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1847	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1850	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1851	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1852	7030003600	S.RES ERJ3GEYJ 223 V (22 k)
R1853	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1860	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1861	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1862	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1863	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1864	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1880	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1881	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1882	7030003800	S.RES ERJ3GEYJ 105 V (1 M)
R1883	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1900	7030003600	S.RES ERJ3GEYJ 223 V (22 k)
R1901	7030003800	S.RES ERJ3GEYJ 105 V (1 M)
R1902	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1903	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1904	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1905	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1906	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1907	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1908	7030003600	S.RES ERJ3GEYJ 223 V (22 k)
R1909	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1910	7030003600	S.RES ERJ3GEYJ 223 V (22 k)

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION
R1911	7030003600	S.RES ERJ3GEYJ 223 V (22 k)
R1912	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R1913	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R1920	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1921	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1922	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1923	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1924	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1925	7310005020	S.TRI RH03ADC14X (10 k)
R1940	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R1941	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R1942	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1943	7030003540	S.RES ERJ3GEYJ 682 V (6.8 k)
R1944	7030003580	S.RES ERJ3GEYJ 153 V (15 k)
R1945	7030003620	S.RES ERJ3GEYJ 333 V (33 k)
R1960	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1961	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1962	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1963	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1964	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1965	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1966	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1967	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1968	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1969	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1970	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1971	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1972	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1980	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1981	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1982	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1983	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1984	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1985	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1986	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1987	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1988	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1989	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1990	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1991	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R2000	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R2040	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R2041	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R2042	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
C100	4030006880	S.CER C1608 JB 1H 472K-T
C101	4030006880	S.CER C1608 JB 1H 472K-T
C102	4030006880	S.CER C1608 JB 1H 472K-T
C103	4030006880	S.CER C1608 JB 1H 472K-T
C104	4030006880	S.CER C1608 JB 1H 472K-T
C105	4030006880	S.CER C1608 JB 1H 472K-T
C106	4030006880	S.CER C1608 JB 1H 472K-T
C107	4030006880	S.CER C1608 JB 1H 472K-T
C108	4030007130	S.CER C1608 CH 1H 101J-T
C109	4030007130	S.CER C1608 CH 1H 101J-T
C110	4030007130	S.CER C1608 CH 1H 101J-T
C111	4030006860	S.CER C1608 JB 1H 102K-T
C120	4030006880	S.CER C1608 JB 1H 472K-T
C122	4030006880	S.CER C1608 JB 1H 472K-T
C123	4030006880	S.CER C1608 JB 1H 472K-T
C124	4030006880	S.CER C1608 JB 1H 472K-T
C125	4030006880	S.CER C1608 JB 1H 472K-T
C126	4030006880	S.CER C1608 JB 1H 472K-T
C129	4030006880	S.CER C1608 JB 1H 472K-T
C131	4030007130	S.CER C1608 CH 1H 101J-T
C132	4030007130	S.CER C1608 CH 1H 101J-T
C133	4030007130	S.CER C1608 CH 1H 101J-T
C134	4030006880	S.CER C1608 JB 1H 472K-T
C135	4030006880	S.CER C1608 JB 1H 472K-T
C136	4030006880	S.CER C1608 JB 1H 472K-T
C140	4030006880	S.CER C1608 JB 1H 472K-T
C141	4030006880	S.CER C1608 JB 1H 472K-T
C142	4030006880	S.CER C1608 JB 1H 472K-T
C143	4030006880	S.CER C1608 JB 1H 472K-T
C144	4030007170	S.CER C1608 CH 1H 221J-T
C145	4030007170	S.CER C1608 CH 1H 221J-T
C146	4030006880	S.CER C1608 JB 1H 472K-T
C147	4030006880	S.CER C1608 JB 1H 472K-T
C148	4030006880	S.CER C1608 JB 1H 472K-T
C149	4030006880	S.CER C1608 JB 1H 472K-T
C160	4510004601	ELE 16 ME 1000 HC
C161	4030006880	S.CER C1608 JB 1H 472K-T
C162	4030006880	S.CER C1608 JB 1H 472K-T
C163	4030006880	S.CER C1608 JB 1H 472K-T
C164	4030006880	S.CER C1608 JB 1H 472K-T
C180	4030006880	S.CER C1608 JB 1H 472K-T
C183	4030006880	S.CER C1608 JB 1H 472K-T
C184	4030006880	S.CER C1608 JB 1H 472K-T
C185	4030006880	S.CER C1608 JB 1H 472K-T
C188	4030006880	S.CER C1608 JB 1H 472K-T
C189	4030006880	S.CER C1608 JB 1H 472K-T
C190	4030006880	S.CER C1608 JB 1H 472K-T
C191	4030006880	S.CER C1608 JB 1H 472K-T
C192	4030006880	S.CER C1608 JB 1H 472K-T
C193	4510008510	S.ELE EEE1CA471P
C196	4030007130	S.CER C1608 CH 1H 101J-T
C197	4030007130	S.CER C1608 CH 1H 101J-T [EUR], [FRA], [DEN], [ITR], [ESP], [KOR] only
C198	4030007130	S.CER C1608 CH 1H 101J-T [EUR], [FRA], [DEN], [ITR], [ESP], [KOR] only
C199	4030007130	S.CER C1608 CH 1H 101J-T [EUR], [FRA], [DEN], [ITR], [ESP], [KOR] only

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REF NO.	ORDER NO.	DESCRIPTION
C200	4030011600	S.CER C1608 JB 1E 104K-T
C201	4030011600	S.CER C1608 JB 1E 104K-T
C203	4030011600	S.CER C1608 JB 1E 104K-T
C204	4030011600	S.CER C1608 JB 1E 104K-T
C208	4030011600	S.CER C1608 JB 1E 104K-T
C209	4030006880	S.CER C1608 JB 1H 472K-T
C210	4030011600	S.CER C1608 JB 1E 104K-T
C211	4030006870	S.CER C1608 JB 1H 222K-T
C212	4030006850	S.CER C1608 JB 1H 471K-T
C214	4510008520	S.ELE EEE1CA470SP
C215	4030011600	S.CER C1608 JB 1E 104K-T
C216	4510008520	S.ELE EEE1CA470SP
C217	4030009000	S.CER C2012 JB 1C 224K-T
C218	4510005000	ELE 16 ME 220 HC
C250	4030011600	S.CER C1608 JB 1E 104K-T
C251	4030006880	S.CER C1608 JB 1H 472K-T
C253	4030006880	S.CER C1608 JB 1H 472K-T
C255	4030011600	S.CER C1608 JB 1E 104K-T
C256	4030011600	S.CER C1608 JB 1E 104K-T
C257	4510008500	S.ELE EEE1CA101WP
C259	4030006880	S.CER C1608 JB 1H 472K-T
C260	4030006860	S.CER C1608 JB 1H 102K-T
C261	4030011600	S.CER C1608 JB 1E 104K-T
C263	4030011600	S.CER C1608 JB 1E 104K-T
C264	4030006880	S.CER C1608 JB 1H 472K-T
C265	4030011600	S.CER C1608 JB 1E 104K-T
C280	4030011600	S.CER C1608 JB 1E 104K-T
C281	4030011600	S.CER C1608 JB 1E 104K-T
C282	4030011600	S.CER C1608 JB 1E 104K-T
C283	4030011600	S.CER C1608 JB 1E 104K-T
C284	4510008540	S.ELE EEE1CA100SR
C285	4510008540	S.ELE EEE1CA100SR
C286	4030006860	S.CER C1608 JB 1H 102K-T
C300	4030011600	S.CER C1608 JB 1E 104K-T
C301	4030011600	S.CER C1608 JB 1E 104K-T
C302	4030006880	S.CER C1608 JB 1H 472K-T
C304	4030006860	S.CER C1608 JB 1H 102K-T
C305	4510008860	S.ELE EEE1AA100NR
C307	4510008550	S.ELE EEE1HA010SR
C330	4030011600	S.CER C1608 JB 1E 104K-T
C331	4030012610	S.CER C2012 JB 1C 474K-T
C332	4030011600	S.CER C1608 JB 1E 104K-T
C333	4030006880	S.CER C1608 JB 1H 472K-T
C334	4030006880	S.CER C1608 JB 1H 472K-T
C360	4030011600	S.CER C1608 JB 1E 104K-T
C361	4030011600	S.CER C1608 JB 1E 104K-T
C362	4510008540	S.ELE EEE1CA100SR
C363	4510008540	S.ELE EEE1CA100SR
C364	4030006880	S.CER C1608 JB 1H 472K-T [DEN], [ITR], [ESP], [KOR] only
C380	4030011600	S.CER C1608 JB 1E 104K-T
C381	4030011600	S.CER C1608 JB 1E 104K-T
C382	4030011600	S.CER C1608 JB 1E 104K-T
C383	4030011600	S.CER C1608 JB 1E 104K-T
C400	4030006880	S.CER C1608 JB 1H 472K-T
C401	4030011600	S.CER C1608 JB 1E 104K-T
C402	4510008540	S.ELE EEE1CA100SR
C403	4510008540	S.ELE EEE1CA100SR
C404	4030011600	S.CER C1608 JB 1E 104K-T
C405	4030011600	S.CER C1608 JB 1E 104K-T
C406	4030006880	S.CER C1608 JB 1H 472K-T
C407	4030011600	S.CER C1608 JB 1E 104K-T
C408	4510008540	S.ELE EEE1CA100SR
C409	4030011600	S.CER C1608 JB 1E 104K-T
C450	4030012610	S.CER C2012 JB 1C 474K-T
C451	4030012610	S.CER C2012 JB 1C 474K-T
C500	4030011600	S.CER C1608 JB 1E 104K-T
C501	4030011600	S.CER C1608 JB 1E 104K-T
C502	4510008540	S.ELE EEE1CA100SR
C503	4030006900	S.CER C1608 JB 1H 103K-T
C700	4030006880	S.CER C1608 JB 1H 472K-T
C701	4030006880	S.CER C1608 JB 1H 472K-T
C702	4030006880	S.CER C1608 JB 1H 472K-T
C703	4030006880	S.CER C1608 JB 1H 472K-T
C704	4030006880	S.CER C1608 JB 1H 472K-T
C705	4030006880	S.CER C1608 JB 1H 472K-T
C706	4030006880	S.CER C1608 JB 1H 472K-T
C740	4030006880	S.CER C1608 JB 1H 472K-T
C741	4030006880	S.CER C1608 JB 1H 472K-T
C742	4030007130	S.CER C1608 CH 1H 101J-T [EUR], [FRA], [DEN], [ITR], [ESP], [KOR] only
C760	4030006880	S.CER C1608 JB 1H 472K-T
C761	4030006880	S.CER C1608 JB 1H 472K-T
C762	4030006880	S.CER C1608 JB 1H 472K-T
C763	4030007130	S.CER C1608 CH 1H 101J-T
C783	4030006880	S.CER C1608 JB 1H 472K-T
C784	4030006880	S.CER C1608 JB 1H 472K-T
C785	4030006880	S.CER C1608 JB 1H 472K-T
C786	4030006880	S.CER C1608 JB 1H 472K-T
C787	4030006880	S.CER C1608 JB 1H 472K-T
C788	4030006880	S.CER C1608 JB 1H 472K-T
C789	4030006880	S.CER C1608 JB 1H 472K-T
C790	4030006880	S.CER C1608 JB 1H 472K-T
C791	4030006880	S.CER C1608 JB 1H 472K-T
C792	4030006880	S.CER C1608 JB 1H 472K-T
C793	4030006880	S.CER C1608 JB 1H 472K-T
C794	4030008770	S.CER C1608 JB 1H 562K-T
C795	4030006880	S.CER C1608 JB 1H 472K-T
C796	4030006880	S.CER C1608 JB 1H 472K-T
C801	4510008500	S.ELE EEE1CA101WP
C802	4030006860	S.CER C1608 JB 1H 102K-T
C803	4030006860	S.CER C1608 JB 1H 102K-T
C804	4510008540	S.ELE EEE1CA100SR
C810	4030006880	S.CER C1608 JB 1H 472K-T

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REF NO.	ORDER NO.	DESCRIPTION
C1001	4030008910	S.CER C1608 JB 1H 393K-T
C1002	4030011600	S.CER C1608 JB 1E 104K-T
C1003	4030009980	S.CER C1608 JB 1H 152K-T
C1004	4510008860	S.ELE EEE1AA100NR
C1005	4030011600	S.CER C1608 JB 1E 104K-T
C1006	4030007130	S.CER C1608 CH 1H 101J-T
C1007	4030006880	S.CER C1608 JB 1H 472K-T
C1008	4030011600	S.CER C1608 JB 1E 104K-T
C1020	4030011600	S.CER C1608 JB 1E 104K-T
C1021	4030006860	S.CER C1608 JB 1H 102K-T
C1040	4030011600	S.CER C1608 JB 1E 104K-T
C1041	4030011600	S.CER C1608 JB 1E 104K-T
C1060	4510008540	S.ELE EEE1CA100SR
C1061	4510008540	S.ELE EEE1CA100SR
C1062	4510008540	S.ELE EEE1CA100SR
C1063	4030011600	S.CER C1608 JB 1E 104K-T
C1064	4030011600	S.CER C1608 JB 1E 104K-T
C1065	4510008860	S.ELE EEE1AA100NR
C1080	4510008540	S.ELE EEE1CA100SR
C1081	4030012610	S.CER C2012 JB 1C 474K-T
C1082	4030011600	S.CER C1608 JB 1E 104K-T
C1083	4030006850	S.CER C1608 JB 1H 471K-T
C1084	4510008540	S.ELE EEE1CA100SR
C1085	4510008540	S.ELE EEE1CA100SR
C1086	4510008540	S.ELE EEE1CA100SR
C1087	4510008540	S.ELE EEE1CA100SR
C1100	4030010020	S.CER C1608 JB 1H 122K-T
C1102	4030009980	S.CER C1608 JB 1H 152K-T
C1103	4030011330	S.CER C1608 CH 1H 391J-T
C1104	4030008470	S.CER C1608 JB 1H 272K-T
C1106	4030011280	S.CER C1608 CH 1H 271J-T
C1107	4510008540	S.ELE EEE1CA100SR
C1108	4030011600	S.CER C1608 JB 1E 104K-T
C1109	4030011600	S.CER C1608 JB 1E 104K-T
C1110	4510008540	S.ELE EEE1CA100SR
C1140	4030012600	S.CER C2012 JB 1A 105M-T
C1141	4030008920	S.CER C1608 JB 1H 473K-T
C1160	4510008540	S.ELE EEE1CA100SR
C1161	4510008540	S.ELE EEE1CA100SR
C1180	4030012610	S.CER C2012 JB 1C 474K-T
C1181	4030012610	S.CER C2012 JB 1C 474K-T
C1182	4030012610	S.CER C2012 JB 1C 474K-T
C1183	4030012610	S.CER C2012 JB 1C 474K-T
C1184	4510008530	S.ELE EEE1HA2R2SR
C1185	4030006870	S.CER C1608 JB 1H 222K-T
C1186	4510008540	S.ELE EEE1CA100SR
C1187	4510008540	S.ELE EEE1CA100SR
C1188	4510008540	S.ELE EEE1CA100SR
C1189	4510008550	S.ELE EEE1HA010SR
C1190	4510008510	S.ELE EEE1CA471P
C1191	4510008550	S.ELE EEE1HA010SR
C1192	4510008550	S.ELE EEE1HA010SR
C1220	4510008540	S.ELE EEE1CA100SR
C1221	4510008540	S.ELE EEE1CA100SR
C1240	4510008540	S.ELE EEE1CA100SR
C1241	4030006870	S.CER C1608 JB 1H 222K-T
C1242	4510008510	S.ELE EEE1CA471P
C1243	4510008510	S.ELE EEE1CA471P
C1244	4030011600	S.CER C1608 JB 1E 104K-T
C1245	4030006880	S.CER C1608 JB 1H 472K-T
C1246	4030007130	S.CER C1608 CH 1H 101J-T
C1260	4510008500	S.ELE EEE1CA101WP
C1261	4510008510	S.ELE EEE1CA471P
C1280	4030011600	S.CER C1608 JB 1E 104K-T
C1281	4510008540	S.ELE EEE1CA100SR
C1282	4030007130	S.CER C1608 CH 1H 101J-T
C1283	4030006860	S.CER C1608 JB 1H 102K-T
C1284	4030008900	S.CER C1608 JB 1H 333K-T
C1285	4030011600	S.CER C1608 JB 1E 104K-T
C1286	4030011600	S.CER C1608 JB 1E 104K-T
C1300	4030011600	S.CER C1608 JB 1E 104K-T
C1301	4030011600	S.CER C1608 JB 1E 104K-T
C1302	4510008540	S.ELE EEE1CA100SR
C1303	4510008540	S.ELE EEE1CA100SR
C1304	4030012610	S.CER C2012 JB 1C 474K-T
C1305	4030011600	S.CER C1608 JB 1E 104K-T
C1306	4030011600	S.CER C1608 JB 1E 104K-T
C1307	4030011600	S.CER C1608 JB 1E 104K-T
C1308	4030011600	S.CER C1608 JB 1E 104K-T
C1309	4030007170	S.CER C1608 CH 1H 221J-T
C1310	4030007140	S.CER C1608 CH 1H 121J-T
C1400	4510008600	S.ELE EEE1CA4R7NR
C1401	4510008530	S.ELE EEE1HA2R2SR
C1402	4030006850	S.CER C1608 JB 1H 471K-T
C1403	4510008540	S.ELE EEE1CA100SR
C1404	4510008530	S.ELE EEE1HA2R2SR
C1405	4510008540	S.ELE EEE1CA100SR
C1406	4510009080	S.ELE EEE1HAR22SR
C1407	4510008530	S.ELE EEE1HA2R2SR
C1408	4510008530	S.ELE EEE1HA2R2SR
C1409	4510008530	S.ELE EEE1HA2R2SR
C1410	4030006870	S.CER C1608 JB 1H 222K-T
C1411	4030011280	S.CER C1608 CH 1H 271J-T
C1412	4030006850	S.CER C1608 JB 1H 471K-T
C1413	4030008470	S.CER C1608 JB 1H 272K-T
C1414	4030009580	S.CER C1608 JB 1H 681K-T
C1415	4030007120	S.CER C1608 CH 1H 820J-T
C1416	4030006880	S.CER C1608 JB 1H 472K-T
C1417	4030010020	S.CER C1608 JB 1H 122K-T
C1418	4030010040	S.CER C1608 JB 1H 561K-T
C1419	4030007010	S.CER C1608 CH 1H 100D-T
C1420	4030012610	S.CER C2012 JB 1C 474K-T
C1421	4510008540	S.ELE EEE1CA100SR
C1422	4030006880	S.CER C1608 JB 1H 472K-T

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REF NO.	ORDER NO.	DESCRIPTION
C1423	4510008540	S.ELE EEE1CA100SR
C1426	4030006880	S.CER C1608 JB 1H 472K-T
C1427	4030006880	S.CER C1608 JB 1H 472K-T
C1428	4510008500	S.ELE EEE1CA101WP
C1429	4030011600	S.CER C1608 JB 1E 104K-T
C1460	4510008540	S.ELE EEE1CA100SR
C1461	4510008540	S.ELE EEE1CA100SR
C1462	4340000230	S.MLR ECHU 1H 272JB5
C1463	4340000200	S.MLR ECHU 1H 271JX5
C1464	4340000240	S.MLR ECHU 1C 682JX5
C1465	4340000220	S.MLR ECHU 1H 681JB5
C1466	4340000210	S.MLR ECHU 1H 331JX5
C1467	4340000190	S.MLR ECHU 1H 101JX5
C1468	4030011600	S.CER C1608 JB 1E 104K-T
C1469	4030011600	S.CER C1608 JB 1E 104K-T
C1470	4340000250	S.MLR ECHU 1C 104JX5
C1480	4510008540	S.ELE EEE1CA100SR
C1481	4510008540	S.ELE EEE1CA100SR
C1500	4030011600	S.CER C1608 JB 1E 104K-T
C1501	4030011600	S.CER C1608 JB 1E 104K-T
C1502	4030011600	S.CER C1608 JB 1E 104K-T
C1503	4030011600	S.CER C1608 JB 1E 104K-T
C1504	4030011600	S.CER C1608 JB 1E 104K-T
C1505	4030006900	S.CER C1608 JB 1H 103K-T
C1506	4030007020	S.CER C1608 CH 1H 120J-T
C1507	4510008540	S.ELE EEE1CA100SR
C1508	4030007020	S.CER C1608 CH 1H 120J-T
C1509	4030011600	S.CER C1608 JB 1E 104K-T
C1510	4030006900	S.CER C1608 JB 1H 103K-T
C1511	4030011600	S.CER C1608 JB 1E 104K-T
C1512	4030011600	S.CER C1608 JB 1E 104K-T
C1560	4030006880	S.CER C1608 JB 1H 472K-T
C1561	4030006900	S.CER C1608 JB 1H 103K-T
C1580	4030006900	S.CER C1608 JB 1H 103K-T
C1620	4030007130	S.CER C1608 CH 1H 101J-T
C1621	4030007130	S.CER C1608 CH 1H 101J-T
C1622	4030007130	S.CER C1608 CH 1H 101J-T
C1623	4030007130	S.CER C1608 CH 1H 101J-T
C1624	4030007130	S.CER C1608 CH 1H 101J-T
C1700	4030006880	S.CER C1608 JB 1H 472K-T
C1701	4030006880	S.CER C1608 JB 1H 472K-T
C1720	4030006880	S.CER C1608 JB 1H 472K-T
C1760	4030006880	S.CER C1608 JB 1H 472K-T
C1780	4030006880	S.CER C1608 JB 1H 472K-T
C1800	4030006880	S.CER C1608 JB 1H 472K-T
C1801	4030006880	S.CER C1608 JB 1H 472K-T
C1802	4030006880	S.CER C1608 JB 1H 472K-T
C1803	4030006880	S.CER C1608 JB 1H 472K-T
C1804	4030006880	S.CER C1608 JB 1H 472K-T
C1820	4030006880	S.CER C1608 JB 1H 472K-T
C1821	4030006880	S.CER C1608 JB 1H 472K-T
C1822	4030006880	S.CER C1608 JB 1H 472K-T
C1823	4030006880	S.CER C1608 JB 1H 472K-T
C1824	4030006880	S.CER C1608 JB 1H 472K-T
C1825	4030006880	S.CER C1608 JB 1H 472K-T
C1826	4030006880	S.CER C1608 JB 1H 472K-T
C1827	4030006880	S.CER C1608 JB 1H 472K-T
C1840	4030006880	S.CER C1608 JB 1H 472K-T
C1841	4030006880	S.CER C1608 JB 1H 472K-T
C1842	4030006880	S.CER C1608 JB 1H 472K-T
C1844	4030006880	S.CER C1608 JB 1H 472K-T
C1845	4030006880	S.CER C1608 JB 1H 472K-T
C1846	4030006880	S.CER C1608 JB 1H 472K-T
C1860	4030006880	S.CER C1608 JB 1H 472K-T
C1861	4030006880	S.CER C1608 JB 1H 472K-T
C1862	4030006880	S.CER C1608 JB 1H 472K-T
C1880	4030006880	S.CER C1608 JB 1H 472K-T
C1881	4030006880	S.CER C1608 JB 1H 472K-T
C1900	4030006880	S.CER C1608 JB 1H 472K-T
C1901	4030006880	S.CER C1608 JB 1H 472K-T
C1902	4030006880	S.CER C1608 JB 1H 472K-T
C1904	4030006880	S.CER C1608 JB 1H 472K-T
C1906	4030006880	S.CER C1608 JB 1H 472K-T
C1907	4030008920	S.CER C1608 JB 1H 473K-T
C1908	4030011600	S.CER C1608 JB 1E 104K-T
C1920	4030006880	S.CER C1608 JB 1H 472K-T
C1921	4030006900	S.CER C1608 JB 1H 103K-T
C1940	4030006900	S.CER C1608 JB 1H 103K-T
C1980	4030006880	S.CER C1608 JB 1H 472K-T
C1981	4030006880	S.CER C1608 JB 1H 472K-T
C1982	4030006880	S.CER C1608 JB 1H 472K-T
C1983	4030006880	S.CER C1608 JB 1H 472K-T
C1984	4030006880	S.CER C1608 JB 1H 472K-T
C1985	4030006880	S.CER C1608 JB 1H 472K-T
C1986	4030006880	S.CER C1608 JB 1H 472K-T
C2000	4030006880	S.CER C1608 JB 1H 472K-T
C2020	4510008540	S.ELE EEE1CA100SR
C2021	4030011600	S.CER C1608 JB 1E 104K-T
C2022	4030011600	S.CER C1608 JB 1E 104K-T
C2040	4030011600	S.CER C1608 JB 1E 104K-T
C2041	4030006880	S.CER C1608 JB 1H 472K-T
RL740	6330001320	RLY AHY103
RL781	6330000540	RLY 2-1419131-2 (OMR-109F)
CP200	6910009670	S.CHK HK3-S-T
CP300	6910009670	S.CHK HK3-S-T
CP1460	6910009670	S.CHK HK3-S-T
J100	6510022591	S.CNR 22FMN-BMTTR-A-TBT (LF) (SN)
J120	6510022601	S.CNR 30FMN-BMTTR-A-TBT (LF) (SN)

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION
J140	6510022591	S.CNR 22FMN-BMTTR-A-TBT (LF) (SN)
J160	6510022591	S.CNR 22FMN-BMTTR-A-TBT (LF) (SN)
J180	6510022591	S.CNR 22FMN-BMTTR-A-TBT (LF) (SN)
J250	6510007020	CNR TMP-J01X-V6
J400	6510018961	S.CNR B2B-PH-SM4-TB (LF) (SN)
J700	6450001841	CNR TCS7568-4320177
J740	6450000140	CNR HSJ0807-01-010
J741	6510018961	S.CNR B2B-PH-SM4-TB (LF) (SN)
J760	6450000140	CNR HSJ0807-01-010
J761	6510018971	S.CNR B4B-PH-SM4-TB (LF) (SN)
J780	6510023661	CNR TCS4470-0141577
J781	6510023671	CNR TCS4480-0141577
J782	6450001130	CNR JPJ2042-01-110
J802	6510018961	S.CNR B2B-PH-SM4-TB (LF) (SN)
J1000	6510021651	CNR IMSA-9180B-30B-PT1
J1001	6510022811	CNR IMSA-9180B-22B-PT1
J1920	6510019191	S.CNR 52365-0871
W120	7030003860	S.RES ERJ3GE JPW V
W180	7030003860	S.RES ERJ3GE JPW V
W200	7030003860	S.RES ERJ3GE JPW V
W270	7030003860	S.RES ERJ3GE JPW V
W300	7030003860	S.RES ERJ3GE JPW V
W304	7030003860	S.RES ERJ3GE JPW V
W331	7030003860	S.RES ERJ3GE JPW V
W361	7030003860	S.RES ERJ3GE JPW V
W362	7030003860	S.RES ERJ3GE JPW V
W380	7030003860	S.RES ERJ3GE JPW V
W400	7030003860	S.RES ERJ3GE JPW V
W740	7030003860	S.RES ERJ3GE JPW V
W760	7030003860	S.RES ERJ3GE JPW V
W1120	7030003860	S.RES ERJ3GE JPW V
W1220	7030003860	S.RES ERJ3GE JPW V
W1240	7030003860	S.RES ERJ3GE JPW V
W1401	7030003860	S.RES ERJ3GE JPW V
W1600	7030003860	S.RES ERJ3GE JPW V [EUR], [FRA], [ITR] only
W1601	7030003860	S.RES ERJ3GE JPW V [EUR], [FRA], [DEN], [ITR], [ESP], [KOR], only
W1602	7030003860	S.RES ERJ3GE JPW V [EUR], [FRA], [DEN], [ITR], [ESP], [KOR] only
W1603	7030003860	S.RES ERJ3GE JPW V [ESP], [KOR] only
W1604	7030003860	S.RES ERJ3GE JPW V [EUR], [FRA], [DEN], [ITR], [ESP], [KOR] only
W1605	7030003860	S.RES ERJ3GE JPW V [EUR], [FRA], [DEN] only
W1606	7030003860	S.RES ERJ3GE JPW V [EUR], [FRA], [ITR], [KOR] only
W1608	7030003860	S.RES ERJ3GE JPW V [EUR], [FRA], [DEN], [ITR], [ESP], [KOR] only
W1609	7030003860	S.RES ERJ3GE JPW V [EUR], [DEN] only
W1610	7030003860	S.RES ERJ3GE JPW V [EUR], [DEN], [ITR], [ESP], [KOR] only
W1940	7030003860	S.RES ERJ3GE JPW V
W1941	7030003860	S.RES ERJ3GE JPW V
EP2	0880000890	UBD EX-2432 #01
EP101	6910012350	S.BEA MMZ1608Y 102BT
EP102	6910012350	S.BEA MMZ1608Y 102BT
EP120	6910012350	S.BEA MMZ1608Y 102BT
EP181	6910013310	S.BEA MMZ1608D121B
EP182	6910013310	S.BEA MMZ1608D121B
EP760	6910012350	S.BEA MMZ1608Y 102BT
EP761	6910012350	S.BEA MMZ1608Y 102BT
EP780	6910012350	S.BEA MMZ1608Y 102BT
EP781	6910012350	S.BEA MMZ1608Y 102BT
EP782	6910012350	S.BEA MMZ1608Y 102BT
EP783	6910012350	S.BEA MMZ1608Y 102BT
EP784	6910012350	S.BEA MMZ1608Y 102BT
EP786	6910012350	S.BEA MMZ1608Y 102BT
EP788	6910012350	S.BEA MMZ1608Y 102BT
EP790	6910012350	S.BEA MMZ1608Y 102BT

[PA UNIT]

REF NO.	ORDER NO.	DESCRIPTION
IC1	1180000421	S.IC TA78L05F (TE12R,F)
IC2	1110002021	IC TA7805S (Q)
IC3	1110002031	IC TA7808S (Q)
IC501	1160000131	S.IC TD62783AFG (S,EL)
IC502	1130007700	S.IC BU4094BCF-E2
Q1	1560001020	S.FET 2SK2973 (MTS101P)
Q2	1530000791	TR 2SC1971-01
Q5	1560001520	FET RD100HHF1-101
Q6	1560001520	FET RD100HHF1-101
Q9	1590003280	S.TR UNR9211J-(TX)
Q14	1590000680	S.TR DTC114EUA T106
Q15	1590000680	S.TR DTC114EUA T106
Q16	1590001330	S.TR DTA114EUA T106
Q201	1560001191	FET RD70HVF1-121
Q202	1560001191	FET RD70HVF1-121
Q204	1590000680	S.TR DTC114EUA T106
Q205	1590001330	S.TR DTA114EUA T106
Q602	1590000680	S.TR DTC114EUA T106
Q604	1590001330	S.TR DTA114EUA T106
Q605	1590000680	S.TR DTC114EUA T106
D4	1790000700	DIO DSA3A1
D5	1790000700	DIO DSA3A1
D7	1160000140	S.DIO DAP222 TL
D8	1790000700	DIO DSA3A1
D11	1160000140	S.DIO DAP222 TL
D13	1160000060	S.DIO DAN202U T106
D14	1160000060	S.DIO DAN202U T106
D101	1160000080	S.DIO DAP202K T146
D601	1160000140	S.DIO DAP222 TL
D602	1720000361	S.DIO HSU88TRF-E
D603	1720000361	S.DIO HSU88TRF-E
D605	1750000971	S.DIO CPH5513-TL-E
D620	1790001140	S.ZEN MA8039-L (TX)
L1	6140003070	COL LR-355
L2	6200001831	S.COL NLV32T-100J
L6	6140002220	COL LR-270 (TR6X3X2 3A9)
L7	6140003680	COL LR-410 4KBL
L8	2040000490	COL EXC-ELDR25C
L9	6110001690	COL LA-255
L10	6140003670	COL LR-411
L11	2040000490	COL EXC-ELDR25C
L13	6140003670	COL LR-411
L17	6140000610	COL LR-83
L18	6140003510	COL LR-393
L19	6140002030	COL LR-230 (SK-10M-15Y 120)
L20	6110001730	COL LA-262
L21	6200003261	S.COL NLV32T-101J
L22	2040000490	COL EXC-ELDR25C
L23	2040000490	COL EXC-ELDR25C
L202	6110001730	COL LA-262
L203	6110001730	COL LA-262
L204	6110001360	COL LA-179
L205	6170000340	COL LW-33
L206	6110002060	COL LA-300
L208	6110001750	COL LA-264
L501	6140002570	COL LR-294 (T50-2)
L502	6140002580	COL LR-295 (T50-2)
L503	6140001800	COL LR-216 (T50-2)
L504	6140001780	COL LR-214 (T50-2)
L505	6140001800	COL LR-216 (T50-2)
L506	6140001800	COL LR-216 (T50-2)
L507	6140002560	COL LR-293 (T50-10)
L508	6140002560	COL LR-293 (T50-10)
L509	6110002920	COL LA-481
L510	6110003580	COL LA-551
L511	6140003460	COL LR-388 (T50-10)
L512	6140003460	COL LR-388 (T50-10)
L513	6200003261	S.COL NLV32T-101J
L515	6200003261	S.COL NLV32T-101J
L517	6200003261	S.COL NLV32T-101J
L518	6200001831	S.COL NLV32T-100J
L519	6200003261	S.COL NLV32T-101J
L521	6200001831	S.COL NLV32T-100J
L522	6200001831	S.COL NLV32T-100J
L523	6200001831	S.COL NLV32T-100J
L524	6200001831	S.COL NLV32T-100J
L528	6140002560	COL LR-293 (T50-10)
L529	6110003570	COL LA-550
L530	6110003540	COL LA-548 (LA-215A)
L531	6110003550	COL LA-547 (LA-214A)
L532	6200001831	S.COL NLV32T-100J
L533	6200001831	S.COL NLV32T-100J
L534	6140003450	COL LR-387 (T50-10)
L601	6110001340	COL LA-177
L602	6110001340	COL LA-177
L603	6110001330	COL LA-176
L604	6200004741	S.COL NLV25T-1R2J
L605	6200004741	S.COL NLV25T-1R2J
R1	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)
R2	7030003360	S.RES ERJ3GEYJ 221 V (220)
R3	7030006210	S.RES ERJ12YJ4R7U (4.7)
R4	7030003400	S.RES ERJ3GEYJ 471 V (470)
R5	7030003390	S.RES ERJ3GEYJ 391 V (390)
R6	7030003360	S.RES ERJ3GEYJ 221 V (220)
R7	7030006190	S.RES ERJ12YJ2R2U (2.2)
R8	7030003380	S.RES ERJ3GEYJ 331 V (330)

[PA UNIT]

REF NO.	ORDER NO.	DESCRIPTION
R9	7030003400	S.RES ERJ3GEYJ 471 V (470)
R10	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)
R11	7310005220	TRI VM5CK-PVB 500
R12	7030010410	S.RES ERJ1TYJ 220U (22)
R16	7030000020	S.RES MCR10EZHJ 1 (010)
R17	7070000511	RES ERG1SJ 180 (18)
R18	7310005200	TRI VM5CK-PVB 2 k
R26	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)
R27	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)
R28	7100000890	RES RWL5 0R012J
R29	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R31	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R32	7030010260	S.RES ERJ1TYJ 3R3 U
R33	7030010260	S.RES ERJ1TYJ 3R3 U
R34	7030010260	S.RES ERJ1TYJ 3R3 U
R35	7030010260	S.RES ERJ1TYJ 3R3 U
R38	7030010570	S.RES ERJ1TYJ 4R7U (4.7)
R41	7030011220	S.RES ERJ1TY 180U (18)
R42	7030011220	S.RES ERJ1TY 180U (18)
R44	7070000681	RES ERX3SJ 3R9 (3.9)
R61	7030003530	S.RES ERJ3GEYJ 562 V (5.6 k)
R63	7010007360	RES PSD1/4 220
R71	7030004050	S.RES ERJ3GEYJ 1R0 V (1)
R73	7030004040	S.RES ERJ3GEYJ 4R7 V (4.7)
R74	7030003360	S.RES ERJ3GEYJ 221 V (220)
R81	7030010570	S.RES ERJ1TYJ 4R7U (4.7)
R82	7030010570	S.RES ERJ1TYJ 4R7U (4.7)
R101	7030006101	S.RES ERA3YED 183V (18 k)
R103	7030006101	S.RES ERA3YED 183V (18 k)
R104	7030005971	S.RES ERA3YKD 683V (68 k)
R105	7030011220	S.RES ERJ1TY 180U (18)
R106	7030011220	S.RES ERJ1TY 180U (18)
R107	7030010410	S.RES ERJ1TYJ 220U (22)
R108	7030003430	S.RES ERJ3GEYJ 821 V (820)
R109	7310005200	TRI VM5CK-PVB 2 k
R110	7030010410	S.RES ERJ1TYJ 220U (22)
R111	7030003430	S.RES ERJ3GEYJ 821 V (820)
R121	7510001571	S.TMR NTCG16 4LH 104JT
R122	7510001571	S.TMR NTCG16 4LH 104JT
R202	7070000381	RES ERG2SJ 100 (10)
R204	7310005200	TRI VM5CK-PVB 2 k
R209	7030010410	S.RES ERJ1TYJ 220U (22)
R210	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)
R211	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)
R212	7030010410	S.RES ERJ1TYJ 220U (22)
R213	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)
R214	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)
R215	7310005200	TRI VM5CK-PVB 2 k
R221	7510001571	S.TMR NTCG16 4LH 104JT
R222	7510001571	S.TMR NTCG16 4LH 104JT
R251	7030006101	S.RES ERA3YED 183V (18 k)
R401	7030003400	S.RES ERJ3GEYJ 471 V (470)
R402	7030003400	S.RES ERJ3GEYJ 471 V (470)
R403	7030003400	S.RES ERJ3GEYJ 471 V (470)
R404	7030003400	S.RES ERJ3GEYJ 471 V (470)
R501	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R502	7010007350	RES PSD1/4 4.7
R503	7030000140	S.RES MCR10EZHJ 10 (100)
R535	7030010250	S.RES ERJ1TYJ 0R00U
R601	7030000250	S.RES MCR10EZHJ 82 (820)
R602	7030000250	S.RES MCR10EZHJ 82 (820)
R603	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R604	7030003530	S.RES ERJ3GEYJ 562 V (5.6 k)
R605	7030003360	S.RES ERJ3GEYJ 221 V (220)
R606	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R614	7030000230	S.RES MCR10EZHJ 56 (560)
R615	7030000230	S.RES MCR10EZHJ 56 (560)
R616	7030000230	S.RES MCR10EZHJ 56 (560)
R617	7030000220	S.RES MCR10EZHJ 47 (470)
R618	7030000340	S.RES MCR10EZHJ 470 (471)
R619	7030006260	S.RES ERJ12YJ471U (470)
R620	7030000260	S.RES MCR10EZHJ 100 (101)
R621	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R622	7030000230	S.RES MCR10EZHJ 56 (560)
R701	7030003380	S.RES ERJ3GEYJ 331 V (330)
R702	7030003220	S.RES ERJ3GEYJ 150 V (15)
R703	7030003380	S.RES ERJ3GEYJ 331 V (330)
C1	4030011600	S.CER C1608 JB 1E 104K-T
C2	4030006860	S.CER C1608 JB 1H 102K-T
C3	4030011600	S.CER C1608 JB 1E 104K-T
C4	4030006860	S.CER C1608 JB 1H 102K-T
C5	4030011600	S.CER C1608 JB 1E 104K-T
C6	4030011600	S.CER C1608 JB 1E 104K-T
C7	4030006860	S.CER C1608 JB 1H 102K-T
C8	4030011600	S.CER C1608 JB 1E 104K-T
C9	4030006860	S.CER C1608 JB 1H 102K-T
C11	4030008920	S.CER C1608 JB 1H 473K-T
C12	4030011600	S.CER C1608 JB 1E 104K-T
C13	4030006860	S.CER C1608 JB 1H 102K-T
C14	4030006880	S.CER C1608 JB 1H 472K-T
C15	4030011600	S.CER C1608 JB 1E 104K-T
C16	4030006860	S.CER C1608 JB 1H 102K-T
C18	4030011600	S.CER C1608 JB 1E 104K-T
C19	4030011600	S.CER C1608 JB 1E 104K-T
C20	4510004591	ELE 16 ME 470 HC
C24	4030011600	S.CER C1608 JB 1E 104K-T
C29	4030018780	S.CER C3225 JB 2J 473K-T
C31	4030018780	S.CER C3225 JB 2J 473K-T
C32	4030018780	S.CER C3225 JB 2J 473K-T
C33	4030018780	S.CER C3225 JB 2J 473K-T
C35	4030011740	S.CER GRM32N2C2H201JV01L (GRM42-2 CH)
C39	4510004601	ELE 16 ME 1000 HC

[PA UNIT]

REF NO.	ORDER NO.	DESCRIPTION
C40	4510004601	ELE 16 ME 1000 HC
C41	4030011600	S.CER C1608 JB 1E 104K-T
C42	4030006880	S.CER C1608 JB 1H 472K-T
C43	4030006880	S.CER C1608 JB 1H 472K-T
C44	4030006880	S.CER C1608 JB 1H 472K-T
C45	4030005110	S.CER C2012 JB 1E 473K-T
C46	4510004601	ELE 16 ME 1000 HC
C47	4030011600	S.CER C1608 JB 1E 104K-T
C52	4030011600	S.CER C1608 JB 1E 104K-T
C53	4030011600	S.CER C1608 JB 1E 104K-T
C54	4510008520	S.ELE EEE1CA470SP
C65	4510008500	S.ELE EEE1CA101WP
C66	4030011600	S.CER C1608 JB 1E 104K-T
C67	4030011600	S.CER C1608 JB 1E 104K-T
C68	4510008500	S.ELE EEE1CA101WP
C69	4510008540	S.ELE EEE1CA100SR
C70	4030011600	S.CER C1608 JB 1E 104K-T
C71	4030011600	S.CER C1608 JB 1E 104K-T
C72	4510008540	S.ELE EEE1CA100SR
C73	4030006880	S.CER C1608 JB 1H 472K-T
C74	4510008540	S.ELE EEE1CA100SR
C75	4030011600	S.CER C1608 JB 1E 104K-T
C76	4030011600	S.CER C1608 JB 1E 104K-T
C77	4510008540	S.ELE EEE1CA100SR
C78	4030011600	S.CER C1608 JB 1E 104K-T
C79	4030011600	S.CER C1608 JB 1E 104K-T
C80	4030006880	S.CER C1608 JB 1H 472K-T
C81	4030006880	S.CER C1608 JB 1H 472K-T
C82	4030006880	S.CER C1608 JB 1H 472K-T
C83	4030006880	S.CER C1608 JB 1H 472K-T
C84	4030006880	S.CER C1608 JB 1H 472K-T
C85	4030006880	S.CER C1608 JB 1H 472K-T
C86	4030006880	S.CER C1608 JB 1H 472K-T
C87	4030006880	S.CER C1608 JB 1H 472K-T
C88	4030006880	S.CER C1608 JB 1H 472K-T
C89	4030006880	S.CER C1608 JB 1H 472K-T
C90	4030006880	S.CER C1608 JB 1H 472K-T
C91	4030006880	S.CER C1608 JB 1H 472K-T
C92	4510004601	ELE 16 ME 1000 HC
C95	4030011600	S.CER C1608 JB 1E 104K-T
C98	4030006850	S.CER C1608 JB 1H 471K-T
C99	4030011240	S.CER GRM31M2C2H470JV01L (GRM42-6 CH)
C100	4030017890	S.CER ERF22X 6C2H 101J D01L (GRM111)
C102	4030007170	S.CER C1608 CH 1H 221J-T
C103	4030007170	S.CER C1608 CH 1H 221J-T
C107	4030011600	S.CER C1608 JB 1E 104K-T
C110	4030011740	S.CER GRM32N2C2H201JV01L (GRM42-2 CH) [EUR], [FRA], [DEN], [ITR], [ESP], [KOR] only
C111	4030011740	S.CER GRM32N2C2H201JV01L (GRM42-2 CH) [EUR], [FRA], [DEN], [ITR], [ESP], [KOR] only
C114	4030011740	S.CER GRM32N2C2H201JV01L (GRM42-2 CH)
C115	4030011740	S.CER GRM32N2C2H201JV01L (GRM42-2 CH)
C116	4030011740	S.CER GRM32N2C2H201JV01L (GRM42-2 CH)
C117	4030006880	S.CER C1608 JB 1H 472K-T
C118	4030018750	S.CER C3225 CH 2J 682K-T
C119	4030018750	S.CER C3225 CH 2J 682K-T
C120	4510008520	S.ELE EEE1CA470SP
C121	4030018750	S.CER C3225 CH 2J 682K-T
C122	4030018750	S.CER C3225 CH 2J 682K-T
C123	4030008920	S.CER C1608 JB 1H 473K-T
C124	4030011600	S.CER C1608 JB 1E 104K-T
C125	4030008920	S.CER C1608 JB 1H 473K-T
C126	4030011600	S.CER C1608 JB 1E 104K-T
C201	4030011120	S.CER GRM31M2C2H100JV01L (GRM42-6 CH)
C202	4610002270	TRI CVE50-41KR-PB
C204	4030011730	S.CER GRM31M2C2H101JV01L (GRM42-6 CH)
C205	4030011550	S.CER GRM31M2C2H680JV01L (GRM42-6 CH)
C206	4030017880	S.CER ERF22X 6C2H 560J D01L (GRM111)
C208	4030001310	S.MIC UC342H 2000J-T
C210	4030011120	S.CER GRM31M2C2H100JV01L (GRM42-6 CH)
C211	4030001270	S.MIC UC232H 0470F-T
C212	4030011120	S.CER GRM31M2C2H100JV01L (GRM42-6 CH)
C213	4030008920	S.CER C1608 JB 1H 473K-T
C214	4030007170	S.CER C1608 CH 1H 221J-T
C215	4030007170	S.CER C1608 CH 1H 221J-T
C224	4030011550	S.CER GRM31M2C2H680JV01L (GRM42-6 CH)
C225	4030011550	S.CER GRM31M2C2H680JV01L (GRM42-6 CH)
C226	4030011550	S.CER GRM31M2C2H680JV01L (GRM42-6 CH)
C229	4030011550	S.CER GRM31M2C2H680JV01L (GRM42-6 CH)
C230	4030011550	S.CER GRM31M2C2H680JV01L (GRM42-6 CH)
C231	4030011550	S.CER GRM31M2C2H680JV01L (GRM42-6 CH)
C233	4030011180	S.CER GRM31M2C2H220JV01L (GRM42-6 CH)
C234	4030011290	S.CER GRM31M2C2H240JV01L (GRM42-6 CH)
C235	4030011180	S.CER GRM31M2C2H220JV01L (GRM42-6 CH)
C237	4030011120	S.CER GRM31M2C2H100JV01L (GRM42-6 CH)
C241	4030009590	S.CER C2012 JF 1C 225Z-T
C243	4030011060	S.CER GRM31M2C2H4R0CY21L (GRM42-6 CH)
C245	4030017810	S.CER C1608 CH 1H 102J-T
C247	4030017810	S.CER C1608 CH 1H 102J-T
C248	4030012620	S.CER GRM55R2C2H102JV01L (GRM44-1)
C249	4030012620	S.CER GRM55R2C2H102JV01L (GRM44-1)
C401	4030007090	S.CER C1608 CH 1H 470J-T
C402	4030007090	S.CER C1608 CH 1H 470J-T
C403	4030007090	S.CER C1608 CH 1H 470J-T
C404	4030007090	S.CER C1608 CH 1H 470J-T
C502	4010008260	CER HM74TJ SL 151J 500V
C503	4010005370	CER HM11SJ SL 331J 500V
C505	4010008250	CER HM74TJ SL 121J 500V
C507	4010005370	CER HM11SJ SL 331J 500V
C508	4010008240	CER HM60TJ SL 101J 500V
C510	4010008160	CER HM13SJ SL 431J 500V
C512	4010005810	CER HM74SJ SL 111J 500V
C514	4010005930	CER HM11SJ SL 391J 500V
C515	4010008290	CER HM95TJ SL 271J 500V

[PA UNIT]

REF NO.	ORDER NO.	DESCRIPTION
C516	4010008270	CER HM95TJ SL 181J 500V
C517	4010008290	CER HM95TJ SL 271J 500V
C518	4010008240	CER HM60TJ SL 101J 500V
C520	4010005370	CER HM11SJ SL 331J 500V
C521	4010008290	CER HM95TJ SL 271J 500V
C522	4010008350	CER HM60TJ SL 220J 500V
C523	4010005370	CER HM11SJ SL 331J 500V
C524	4010005370	CER HM11SJ SL 331J 500V
C525	4010005370	CER HM11SJ SL 331J 500V
C528	4010008250	CER HM74TJ SL 121J 500V
C529	4030011070	S.CER GRM31M2C2H5R0CY21L (GRM42-6 CH)
C530	4010005810	CER HM74SJ SL 111J 500V
C531	4010008260	CER HM74TJ SL 151J 500V
C532	4010008250	CER HM74TJ SL 121J 500V
C533	4010008360	CER HM60TJ SL 180J 500V
C534	4010008280	CER HM95TJ SL 221J 500V
C535	4010008210	CER HM60TJ SL 560J 500V
C536	4010008230	CER HM60TJ SL 820J 500V
C537	4010008250	CER HM74TJ SL 121J 500V
C538	4010005580	CER HM60SJ SL 070D 500V
C539	4010008240	CER HM60TJ SL 101J 500V
C540	4010005690	CER HM60SJ SL 300J 500V
C541	4010008330	CER HM60TJ SL 330J 500V
C542	4030006880	S.CER C1608 JB 1H 472K-T
C543	4030006880	S.CER C1608 JB 1H 472K-T
C544	4030006880	S.CER C1608 JB 1H 472K-T
C545	4030006880	S.CER C1608 JB 1H 472K-T
C546	4030006880	S.CER C1608 JB 1H 472K-T
C547	4030006880	S.CER C1608 JB 1H 472K-T
C548	4030006880	S.CER C1608 JB 1H 472K-T
C549	4030006880	S.CER C1608 JB 1H 472K-T
C550	4030006880	S.CER C1608 JB 1H 472K-T
C551	4030006880	S.CER C1608 JB 1H 472K-T
C552	4030006880	S.CER C1608 JB 1H 472K-T
C553	4030006880	S.CER C1608 JB 1H 472K-T
C554	4010008280	CER HM95TJ SL 221J 500V
C555	4010005630	CER HM60SJ SL 150J 500V
C557	4010008250	CER HM74TJ SL 121J 500V
C558	4010008250	CER HM74TJ SL 121J 500V
C561	4010008310	CER HM60TJ SL 470J 500V
C563	4010008320	CER HM60TJ SL 390J 500V
		[EUR], [FRA], [DEN], [ITR], [ESP], [KOR] only
C565	4010008230	CER HM60TJ SL 820J 500V
C566	4010005370	CER HM11SJ SL 331J 500V
C567	4010008290	CER HM95TJ SL 271J 500V
C568	4010008290	CER HM95TJ SL 271J 500V
C569	4010008250	CER HM74TJ SL 121J 500V
C570	4030011160	S.CER GRM31M2C2H150JV01L (GRM42-6 CH)
C572	4010005930	CER HM11SJ SL 391J 500V
C573	4010005930	CER HM11SJ SL 391J 500V
		, [EUR], [FRA], [DEN], [ITR], [ESP], [KOR], only
C574	4010007510	CER HM17SJ SL 821J 500V
C575	4010007510	CER HM17SJ SL 821J 500V
C577	4010008350	CER HM60TJ SL 220J 500V
C578	4010008320	CER HM60TJ SL 390J 500V
C579	4010008320	CER HM60TJ SL 390J 500V
C581	4010008230	CER HM60TJ SL 820J 500V
C582	4010008350	CER HM60TJ SL 220J 500V
C583	4010005550	CER RT-HM60SK SL 040C 500V
C585	4010008390	CER HM60TJ SL 100D 500V
C586	4010008350	CER HM60TJ SL 220J 500V
C587	4030006880	S.CER C1608 JB 1H 472K-T
C588	4030006880	S.CER C1608 JB 1H 472K-T
C589	4010008320	CER HM60TJ SL 390J 500V
C590	4010008340	CER HM60TJ SL 270J 500V
C591	4010008330	CER HM60TJ SL 330J 500V
C597	4010007650	CER HM17SJ SL 102J 500V
C598	4010007650	CER HM17SJ SL 102J 500V
C599	4010007650	CER HM17SJ SL 102J 500V
C600	4010007650	CER HM17SJ SL 102J 500V
C601	4030006860	S.CER C1608 JB 1H 102K-T
C602	4030011170	S.CER GRM31M2C2H180JV01L (GRM42-6 CH)
C604	4030011020	S.CER GRM31M4C2H1R0CY21L (GRM42-6 CK)
C605	4030011210	S.CER GRM31M2C2H330JV01L (GRM42-6 CH)
C606	4030011050	S.CER GRM31M3C2H3R0CY21L (GRM42-6 CJ)
C607	4030011190	S.CER GRM31M2C2H270JV01L (GRM42-6 CH)
C608	4030011120	S.CER GRM31M2C2H100JV01L (GRM42-6 CH)
C609	4030011170	S.CER GRM31M2C2H180JV01L (GRM42-6 CH)
C610	4010005790	CER HM60SJ YB 102K 500V
C611	4030007170	S.CER C1608 CH 1H 221J-T
C612	4030007170	S.CER C1608 CH 1H 221J-T
C613	4030007170	S.CER C1608 CH 1H 221J-T
C614	4030007170	S.CER C1608 CH 1H 221J-T
C616	4030006860	S.CER C1608 JB 1H 102K-T
C618	4030011600	S.CER C1608 JB 1E 104K-T
C620	4030011600	S.CER C1608 JB 1E 104K-T
C621	4030006860	S.CER C1608 JB 1H 102K-T
C622	4030006860	S.CER C1608 JB 1H 102K-T
C623	4030006860	S.CER C1608 JB 1H 102K-T
C624	4030006880	S.CER C1608 JB 1H 472K-T
C625	4030006880	S.CER C1608 JB 1H 472K-T
C626	4030006880	S.CER C1608 JB 1H 472K-T
C627	4030006880	S.CER C1608 JB 1H 472K-T
RL1	6330001550	RLY JV-12-KT
RL2	6330001430	RLY NA-12W-K
RL501	6330001510	RLY TB1-160
RL502	6330001510	RLY TB1-160
RL503	6330001510	RLY TB1-160
RL504	6330001510	RLY TB1-160
RL505	6330001510	RLY TB1-160
RL506	6330001510	RLY TB1-160
RL507	6330001510	RLY TB1-160

[PA UNIT]

REF NO.	ORDER NO.	DESCRIPTION
RL508	6330001510	RLY TB1-160
RL509	6330001510	RLY TB1-160
RL510	6330001510	RLY TB1-160
RL511	6330001510	RLY TB1-160
RL512	6330001510	RLY TB1-160
RL513	6330001330	RLY AG 201344
RL514	6330001330	RLY AG 201344
RL601	6330001530	RLY NR-HD (5V) AE5349
J1	6510007020	CNR TMP-J01X-V6
J5	6510020001	S.CNR 52808-3071 (3090)
J10	6510003081	CNR RT01T-1.0B (LF) [KOR] only
J21	6510021531	CNR IMSA-9230B-1-04Z024-PT1
J22	6510021531	CNR IMSA-9230B-1-04Z024-PT1
J23	6510021531	CNR IMSA-9230B-1-04Z024-PT1
J24	6510021531	CNR IMSA-9230B-1-04Z024-PT1
F1	5210000061	FUS FGB 5A PBF (FGB0 125V)
F2	5220000230	HOL S-N5054 #01
F3	5220000230	HOL S-N5054 #01
W1	7030003860	S.RES ERJ3GE JPW V
W3	7030003860	S.RES ERJ3GE JPW V
W7	7120000490	JMP ERD25T0
W8	7120000490	JMP ERD25T0
W29	9040401015	WIR 74/98/045/X98/X98
W504	7030003860	S.RES ERJ3GE JPW V
W601	7120000490	JMP ERD25T0
W602	7120000490	JMP ERD25T0
EP2	6910000610	BEA FSRH050100RN000B (FSOH050RN01)
EP3	6910000610	BEA FSRH050100RN000B (FSOH050RN01)
EP6	6910011330	TER OT-009 M3
EP7	6910011330	TER OT-009 M3

[TUNER UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
Q1	1590000680	S.TR	DTC114EUA T106
Q2	1590000680	S.TR	DTC114EUA T106
Q3	1590000680	S.TR	DTC114EUA T106
Q4	1590000680	S.TR	DTC114EUA T106
Q5	1590000680	S.TR	DTC114EUA T106
Q6	1590000680	S.TR	DTC114EUA T106
Q7	1590000680	S.TR	DTC114EUA T106
Q8	1590000680	S.TR	DTC114EUA T106
Q9	1590000680	S.TR	DTC114EUA T106
Q10	1590000680	S.TR	DTC114EUA T106
Q11	1590000680	S.TR	DTC114EUA T106
Q12	1590000680	S.TR	DTC114EUA T106
Q13	1590000680	S.TR	DTC114EUA T106
Q14	1590000680	S.TR	DTC114EUA T106
Q15	1590000680	S.TR	DTC114EUA T106
D1	1750000370	S.DIO	DA221 TL
D2	1750000370	S.DIO	DA221 TL
D3	1750000370	S.DIO	DA221 TL
D4	1750000370	S.DIO	DA221 TL
D5	1750000370	S.DIO	DA221 TL
D6	1750000370	S.DIO	DA221 TL
D7	1750000370	S.DIO	DA221 TL
D8	1750000370	S.DIO	DA221 TL
D9	1750000370	S.DIO	DA221 TL
D10	1750000370	S.DIO	DA221 TL
D11	1750000370	S.DIO	DA221 TL
D12	1750000370	S.DIO	DA221 TL
D13	1750000370	S.DIO	DA221 TL
D14	1750000370	S.DIO	DA221 TL
D15	1750000370	S.DIO	DA221 TL
L1	6200003950	S.COL	HF50ACC 322513-T
L3	6110003600	COL	LA-555
L4	6110003590	COL	LA-554
L5	6110003020	COL	LA-489
L6	6110003030	COL	LA-490
L7	6110003020	COL	LA-489
L8	6110003030	COL	LA-490
L9	6110003481	COL	LA-536A
L11	6110003610	COL	LA-565
L12	6110003610	COL	LA-565
L13	6180003291	COL	BM27-400-6A-LF
L14	6180003291	COL	BM27-400-6A-LF
L15	6180003291	COL	BM27-400-6A-LF
L16	6180003291	COL	BM27-400-6A-LF
L17	6180003291	COL	BM27-400-6A-LF
L18	6180003291	COL	BM27-400-6A-LF
L19	6180003291	COL	BM27-400-6A-LF
L20	6180003291	COL	BM27-400-6A-LF
C1	4030006880	S.CER	C1608 JB 1H 472K-T
C2	4030006880	S.CER	C1608 JB 1H 472K-T
C3	4030006880	S.CER	C1608 JB 1H 472K-T
C4	4030006880	S.CER	C1608 JB 1H 472K-T
C5	4030006880	S.CER	C1608 JB 1H 472K-T
C6	4030006880	S.CER	C1608 JB 1H 472K-T
C7	4030006880	S.CER	C1608 JB 1H 472K-T
C8	4030006880	S.CER	C1608 JB 1H 472K-T
C11	4030006880	S.CER	C1608 JB 1H 472K-T
C12	4030006880	S.CER	C1608 JB 1H 472K-T
C13	4030006880	S.CER	C1608 JB 1H 472K-T
C14	4030006880	S.CER	C1608 JB 1H 472K-T
C15	4030006880	S.CER	C1608 JB 1H 472K-T
C16	4030006880	S.CER	C1608 JB 1H 472K-T
C17	4030006880	S.CER	C1608 JB 1H 472K-T
C18	4030006880	S.CER	C1608 JB 1H 472K-T
C19	4030006880	S.CER	C1608 JB 1H 472K-T
C20	4030006880	S.CER	C1608 JB 1H 472K-T
C21	4030006880	S.CER	C1608 JB 1H 472K-T
C22	4030006880	S.CER	C1608 JB 1H 472K-T
C23	4030006880	S.CER	C1608 JB 1H 472K-T
C24	4030006880	S.CER	C1608 JB 1H 472K-T
C25	4030006880	S.CER	C1608 JB 1H 472K-T
C26	4030006880	S.CER	C1608 JB 1H 472K-T
C27	4030006880	S.CER	C1608 JB 1H 472K-T
C28	4030006880	S.CER	C1608 JB 1H 472K-T
C29	4030006880	S.CER	C1608 JB 1H 472K-T
C30	4030006880	S.CER	C1608 JB 1H 472K-T
C31	4030006880	S.CER	C1608 JB 1H 472K-T
C32	4030006880	S.CER	C1608 JB 1H 472K-T
C33	4030006880	S.CER	C1608 JB 1H 472K-T
C34	4010008550	CER	DEA1X3F390JC3B (DE0607SL390J)
C35	4010008550	CER	DEA1X3F390JC3B (DE0607SL390J)
C36	4010004800	CER	DEC1X3J820JC4B (DE1210SL820J)
C38	4010004830	CER	DEC1X3J151JC4B (DE1510SL151J)
C39	4010008560	CER	DEA1X3F151JA3B (DE1107SL151J)
C44	4620000140	VAR	UV35A 150P ROHS
C45	4620000140	VAR	UV35A 150P ROHS
C46	4030006880	S.CER	C1608 JB 1H 472K-T
C47	4030006880	S.CER	C1608 JB 1H 472K-T
C48	4030006880	S.CER	C1608 JB 1H 472K-T
C49	4030006880	S.CER	C1608 JB 1H 472K-T
C50	4030006880	S.CER	C1608 JB 1H 472K-T
C51	4030006880	S.CER	C1608 JB 1H 472K-T
C52	4030006880	S.CER	C1608 JB 1H 472K-T
C53	4030006880	S.CER	C1608 JB 1H 472K-T
C55	4030006880	S.CER	C1608 JB 1H 472K-T
C56	4030006880	S.CER	C1608 JB 1H 472K-T
C57	4030006880	S.CER	C1608 JB 1H 472K-T
C58	4030006880	S.CER	C1608 JB 1H 472K-T

[TUNER UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
C59	4030006880	S.CER	C1608 JB 1H 472K-T
C60	4030006880	S.CER	C1608 JB 1H 472K-T
C61	4030006880	S.CER	C1608 JB 1H 472K-T
RL1	6330001610	RLY	NY-12W-K-IE
RL2	6330001610	RLY	NY-12W-K-IE
RL3	6330001610	RLY	NY-12W-K-IE
RL4	6330001610	RLY	NY-12W-K-IE
RL5	6330001520	RLY	VE-12HM-K
RL6	6330001520	RLY	VE-12HM-K
RL7	6330001520	RLY	VE-12HM-K
RL8	6330001520	RLY	VE-12HM-K
RL9	6330001520	RLY	VE-12HM-K
RL10	6330001610	RLY	NY-12W-K-IE
RL11	6330001610	RLY	NY-12W-K-IE
RL12	6330001610	RLY	NY-12W-K-IE
RL13	6330001610	RLY	NY-12W-K-IE
RL14	6330001610	RLY	NY-12W-K-IE
RL15	6330001610	RLY	NY-12W-K-IE
J5	6510022591	S.CNR	22FMN-BMTTR-A-TBT (LF) (SN)
MF1	2710000800	MTR	MP24ZA (STEPPING MOTOR
MF2	2710000800	MTR	MP24ZA (STEPPING MOTOR
W5	8900015420	CBL	OPC-1630
W6	8900015420	CBL	OPC-1630

[CTRL UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
IC1	1110000960	S.IC	NJM4558M-TE1-#FMZB
IC2	1120002252	S.IC	TC74ACT32F (F)
IC3	1120002242	S.IC	TC74AC112F (F)
IC4	1110000960	S.IC	NJM4558M-TE1-#FMZB
IC5	1140004120	S.IC	M38022M2-138FP
IC6	1130011080	S.IC	HN58X2416FPIZ
IC9	1110002690	S.IC	NJM2903M-TE1-#FMZB
IC10	1130003921	S.IC	TC4S69F (TE85R,F)
IC13	1180001071	S.IC	TA7805F (TE16L,Q)
IC14	1120002301	S.IC	TC74AC04F (F)
Q5	1560000871	S.FET	2SK515-T1B-A (X33)
Q12	1590000680	S.TR	DTC114EUA T106
Q14	1590000680	S.TR	DTC114EUA T106
Q16	1590000680	S.TR	DTC114EUA T106
Q21	1590000680	S.TR	DTC114EUA T106
Q23	1590000680	S.TR	DTC114EUA T106
Q24	1590001330	S.TR	DTA114EUA T106
Q25	1530003091	S.TR	2SC4213-B (TE85R,F)
Q211	1590000680	S.TR	DTC114EUA T106
Q212	1590000680	S.TR	DTC114EUA T106
Q213	1590000680	S.TR	DTC114EUA T106
Q214	1590000680	S.TR	DTC114EUA T106
Q215	1590000680	S.TR	DTC114EUA T106
Q216	1590000680	S.TR	DTC114EUA T106
Q217	1590000680	S.TR	DTC114EUA T106
Q218	1590000680	S.TR	DTC114EUA T106
D1	1790000491	S.DIO	HSM88ASTR-E
D2	1790000491	S.DIO	HSM88ASTR-E
D3	1750000201	S.DIO	1SS319 (TE85R,F)
D4	1750000121	S.DIO	DWA010-TE-E
D5	1790000691	S.DIO	HSM88ASRTR-E
D6	1790000491	S.DIO	HSM88ASTR-E
D7	1790000491	S.DIO	HSM88ASTR-E
D8	1790000491	S.DIO	HSM88ASTR-E
D9	1790000491	S.DIO	HSM88ASTR-E
D10	1750000121	S.DIO	DWA010-TE-E
D11	1730000411	S.ZEN	RD5.1M-T2B-A B2
D12	1730000031	S.ZEN	RD5.6M-T2B-A B2
D13	1710000780	S.DIO	MA114 (TX)
D15	1790000491	S.DIO	HSM88ASTR-E
D16	1750000370	S.DIO	DA221 TL
D17	1750000370	S.DIO	DA221 TL
D18	1750000370	S.DIO	DA221 TL
D20	1750000370	S.DIO	DA221 TL
D21	1750000851	S.DIO	MMBV3700LT1G
D22	1750000851	S.DIO	MMBV3700LT1G
D23	1790000491	S.DIO	HSM88ASTR-E
D24	1790000620	S.DIO	MA77 (TX)
D25	1750001360	S.DIO	L709CER (9401)
D26	1750001360	S.DIO	L709CER (9401)
D211	1750000201	S.DIO	1SS319 (TE85R,F)
D213	1750000201	S.DIO	1SS319 (TE85R,F)
D215	1750000201	S.DIO	1SS319 (TE85R,F)
D217	1750000201	S.DIO	1SS319 (TE85R,F)
X1	6050009890	S.XTL	CR-569 (6.144 MHz)
L1	6140003270	COL	LR-364 (TR10X5X5 3A6)
L2	6200001831	S.COL	NLV32T-100J
L3	6200003261	S.COL	NLV32T-101J
L4	6140003270	COL	LR-364 (TR10X5X5 3A6)
L5	6180001220	COL	LAL 04NA 100K
L8	6140003270	COL	LR-364 (TR10X5X5 3A6)
L9	6180003300	COL	T6-222J (2.2M)
L10	6200003261	S.COL	NLV32T-101J
L11	6200003261	S.COL	NLV32T-101J
L13	6180000990	COL	LAL 04NA 101K
L22	6140003270	COL	LR-364 (TR10X5X5 3A6)
L25	6200003261	S.COL	NLV32T-101J
L27	6110001680	COL	LA-254
L28	6110001640	COL	LA-247
L29	6200003950	S.COL	HF50ACC 322513-T
L31	6200003950	S.COL	HF50ACC 322513-T
L32	6200003950	S.COL	HF50ACC 322513-T
L35	6110001650	COL	LA-248
R1	7030001040	S.RES	MCR50JZHJ 18 (180)
R2	7030001040	S.RES	MCR50JZHJ 18 (180)
R3	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)
R4	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)
R5	7030003720	S.RES	ERJ3GEYJ 224 V (220 k)
R6	7030003720	S.RES	ERJ3GEYJ 224 V (220 k)
R7	7030003720	S.RES	ERJ3GEYJ 224 V (220 k)
R8	7030003720	S.RES	ERJ3GEYJ 224 V (220 k)
R9	7030003800	S.RES	ERJ3GEYJ 105 V (1 M)
R10	7030003790	S.RES	ERJ3GEYJ 824 V (820 k)
R13	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R14	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R15	7030003320	S.RES	ERJ3GEYJ 101 V (100)
R16	7030010540	S.RES	ERJ1TYJ 330U (33)
R17	7030003320	S.RES	ERJ3GEYJ 101 V (100)
R26	7030003280	S.RES	ERJ3GEYJ 470 V (47)
R27	7030003280	S.RES	ERJ3GEYJ 470 V (47)
R28	7030003500	S.RES	ERJ3GEYJ 332 V (3.3 k)
R29	7030003480	S.RES	ERJ3GEYJ 222 V (2.2 k)
R30	7030003360	S.RES	ERJ3GEYJ 221 V (220)
R31	7030003480	S.RES	ERJ3GEYJ 222 V (2.2 k)

[CTRL UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
R32	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)
R33	7030003530	S.RES	ERJ3GEYJ 562 V (5.6 k)
R34	7030003530	S.RES	ERJ3GEYJ 562 V (5.6 k)
R35	7030003670	S.RES	ERJ3GEYJ 823 V (82 k)
R36	7030003820	S.RES	ERJ3GEYJ 155 V (1.5 M)
R37	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)
R38	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)
R39	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)
R40	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)
R41	7030010550	S.RES	ERJ1TYJ 820U (82)
R42	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)
R43	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)
R44	7030003800	S.RES	ERJ3GEYJ 105 V (1 M)
R45	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)
R46	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)
R47	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R48	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)
R49	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)
R50	7030003540	S.RES	ERJ3GEYJ 682 V (6.8 k)
R51	7030003540	S.RES	ERJ3GEYJ 682 V (6.8 k)
R52	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)
R53	7030003820	S.RES	ERJ3GEYJ 155 V (1.5 M)
R54	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)
R55	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)
R56	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)
R57	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)
R58	7540000130	ABS	2P-50A-301
R59	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)
R60	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)
R61	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)
R62	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)
R63	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)
R64	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)
R65	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R66	7030003650	S.RES	ERJ3GEYJ 563 V (56 k)
R67	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R69	7030003320	S.RES	ERJ3GEYJ 101 V (100)
R71	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R76	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)
R83	7030001040	S.RES	MCR50JZHJ 18 (180)
R84	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)
R86	7030003720	S.RES	ERJ3GEYJ 224 V (220 k)
R87	7030003660	S.RES	ERJ3GEYJ 683 V (68 k)
R88	7030003660	S.RES	ERJ3GEYJ 683 V (68 k)
R89	7030003840	S.RES	ERJ3GEYJ 225 V (2.2 M)
R90	7030003720	S.RES	ERJ3GEYJ 224 V (220 k)
R92	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R93	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)
R98	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R99	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R100	7030003650	S.RES	ERJ3GEYJ 563 V (56 k)
R101	7030003650	S.RES	ERJ3GEYJ 563 V (56 k)
R102	7030003570	S.RES	ERJ3GEYJ 123 V (12 k)
R103	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)
R105	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R106	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R107	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)
R108	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R109	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R110	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R111	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R112	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R113	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R114	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R115	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R116	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R117	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R118	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R119	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R120	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R121	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R136	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)
R137	7030003280	S.RES	ERJ3GEYJ 470 V (47)
R138	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R139	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)
R140	7030003280	S.RES	ERJ3GEYJ 470 V (47)
R141	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R142	7030003280	S.RES	ERJ3GEYJ 470 V (47)
R143	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R144	7030003280	S.RES	ERJ3GEYJ 470 V (47)
R145	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R146	7030003280	S.RES	ERJ3GEYJ 470 V (47)
R147	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R149	7030003680	S.RES	ERJ3GEYJ 104 V (100 k)
R150	7030000330	S.RES	MCR10EZHJ 390 (391)
R151	7030000400	S.RES	MCR10EZHJ 1.5 k
R152	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)
R153	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)
R154	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R155	7030003390	S.RES	ERJ3GEYJ 391 V (390)
R156	7030000400	S.RES	MCR10EZHJ 1.5 k
R157	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)
R158	7030003560	S.RES	ERJ3GEYJ 103 V (10 k)
R159	7030003520	S.RES	ERJ3GEYJ 472 V (4.7 k)
R160	7030000220	S.RES	MCR10EZHJ 47 (470)
R161	7030003440	S.RES	ERJ3GEYJ 102 V (1 k)
R211	7030003380	S.RES	ERJ3GEYJ 331 V (330)
R212	7030003380	S.RES	ERJ3GEYJ 331 V (330)
R213	7030003380	S.RES	ERJ3GEYJ 331 V (330)
R214	7030003380	S.RES	ERJ3GEYJ 331 V (330)
R215	7030003380	S.RES	ERJ3GEYJ 331 V (330)
R216	7030003380	S.RES	ERJ3GEYJ 331 V (330)
R217	7030003380	S.RES	ERJ3GEYJ 331 V (330)
R218	7030003380	S.RES	ERJ3GEYJ 331 V (330)

[CTRL UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
C1	4010005530	CER	HM60SJ SL 020C 500V
C2	4030007090	S.CER	C1608 CH 1H 470J-T
C3	4540000060	S.TRI	ECR-JA020 E11W
C4	4010005530	CER	HM60SJ SL 020C 500V
C5	4030007100	S.CER	C1608 CH 1H 560J-T
C6	4030006860	S.CER	C1608 JB 1H 102K-T
C7	4030006860	S.CER	C1608 JB 1H 102K-T
C8	4030006880	S.CER	C1608 JB 1H 472K-T
C9	4030006880	S.CER	C1608 JB 1H 472K-T
C10	4030006880	S.CER	C1608 JB 1H 472K-T
C11	4030006880	S.CER	C1608 JB 1H 472K-T
C12	4010005540	CER	HM60SJ SL 030C 500V
C13	4030007070	S.CER	C1608 CH 1H 330J-T
C14	4030007070	S.CER	C1608 CH 1H 330J-T
C15	4030007070	S.CER	C1608 CH 1H 330J-T
C16	4030006880	S.CER	C1608 JB 1H 472K-T
C17	4030007120	S.CER	C1608 CH 1H 820J-T
C20	4030006880	S.CER	C1608 JB 1H 472K-T
C21	4030006880	S.CER	C1608 JB 1H 472K-T
C22	4550003120	S.TAN	TEESVD2 1A 476M12R
C23	4030006880	S.CER	C1608 JB 1H 472K-T
C24	4030007170	S.CER	C1608 CH 1H 221J-T
C25	4030007170	S.CER	C1608 CH 1H 221J-T
C26	4030006880	S.CER	C1608 JB 1H 472K-T
C27	4030006880	S.CER	C1608 JB 1H 472K-T
C30	4030007170	S.CER	C1608 CH 1H 221J-T
C31	4030011340	S.CER	C1608 CH 1H 471J-T
C32	4010005530	CER	HM60SJ SL 020C 500V
C33	4030007110	S.CER	C1608 CH 1H 680J-T
C34	4030007110	S.CER	C1608 CH 1H 680J-T
C35	4030006880	S.CER	C1608 JB 1H 472K-T
C36	4030006860	S.CER	C1608 JB 1H 102K-T
C37	4030006880	S.CER	C1608 JB 1H 472K-T
C38	4030006880	S.CER	C1608 JB 1H 472K-T
C39	4030006880	S.CER	C1608 JB 1H 472K-T
C40	4030006880	S.CER	C1608 JB 1H 472K-T
C43	4030007170	S.CER	C1608 CH 1H 221J-T
C44	4030011340	S.CER	C1608 CH 1H 471J-T
C45	4030011600	S.CER	C1608 JB 1E 104K-T
C46	4030011600	S.CER	C1608 JB 1E 104K-T
C47	4030009990	S.CER	C1608 CH 1H 200J-T
C48	4030009990	S.CER	C1608 CH 1H 200J-T
C49	4030006880	S.CER	C1608 JB 1H 472K-T
C50	4510008520	S.ELE	EEE1CA470SP
C51	4030006860	S.CER	C1608 JB 1H 102K-T
C52	4030006880	S.CER	C1608 JB 1H 472K-T
C53	4030006880	S.CER	C1608 JB 1H 472K-T
C54	4030006880	S.CER	C1608 JB 1H 472K-T
C55	4030006860	S.CER	C1608 JB 1H 102K-T
C56	4030006880	S.CER	C1608 JB 1H 472K-T
C57	4030006880	S.CER	C1608 JB 1H 472K-T
C58	4030006880	S.CER	C1608 JB 1H 472K-T
C59	4030006880	S.CER	C1608 JB 1H 472K-T
C60	4030006880	S.CER	C1608 JB 1H 472K-T
C62	4030006880	S.CER	C1608 JB 1H 472K-T
C63	4030007040	S.CER	C1608 CH 1H 180J-T
C64	4030007120	S.CER	C1608 CH 1H 820J-T
C65	4030007090	S.CER	C1608 CH 1H 470J-T
C66	4030007120	S.CER	C1608 CH 1H 820J-T
C67	4030007030	S.CER	C1608 CH 1H 150J-T
C69	4510008540	S.ELE	EEE1CA100SR
C70	4510008540	S.ELE	EEE1CA100SR
C71	4030011600	S.CER	C1608 JB 1E 104K-T
C72	4510008870	S.ELE	EEE1AA471UP
C73	4030006880	S.CER	C1608 JB 1H 472K-T
C74	4030006880	S.CER	C1608 JB 1H 472K-T
C75	4030006880	S.CER	C1608 JB 1H 472K-T
C76	4030006880	S.CER	C1608 JB 1H 472K-T
C77	4030006880	S.CER	C1608 JB 1H 472K-T
C78	4030006880	S.CER	C1608 JB 1H 472K-T
C79	4030006880	S.CER	C1608 JB 1H 472K-T
C80	4030006880	S.CER	C1608 JB 1H 472K-T
C81	4030006880	S.CER	C1608 JB 1H 472K-T
C82	4030006880	S.CER	C1608 JB 1H 472K-T
C83	4030006880	S.CER	C1608 JB 1H 472K-T
C84	4030006880	S.CER	C1608 JB 1H 472K-T
C85	4030006880	S.CER	C1608 JB 1H 472K-T
C86	4030006880	S.CER	C1608 JB 1H 472K-T
C90	4510008550	S.ELE	EEE1HA010SR
C91	4510008550	S.ELE	EEE1HA010SR
C92	4510008550	S.ELE	EEE1HA010SR
C93	4510008550	S.ELE	EEE1HA010SR
C94	4510008550	S.ELE	EEE1HA010SR
C95	4510008550	S.ELE	EEE1HA010SR
C96	4510008550	S.ELE	EEE1HA010SR
C97	4510008550	S.ELE	EEE1HA010SR
C98	4510008500	S.ELE	EEE1CA101WP
C99	4030007010	S.CER	C1608 CH 1H 100D-T
C100	4030007110	S.CER	C1608 CH 1H 680J-T
C101	4030006880	S.CER	C1608 JB 1H 472K-T
C102	4510008540	S.ELE	EEE1CA100SR
C105	4030007070	S.CER	C1608 CH 1H 330J-T
C107	4010005550	CER	RT-HM60SK SL 040C 500V
C109	4030011600	S.CER	C1608 JB 1E 104K-T
C110	4030011600	S.CER	C1608 JB 1E 104K-T
C111	4030006880	S.CER	C1608 JB 1H 472K-T
C112	4030006880	S.CER	C1608 JB 1H 472K-T
C113	4030006880	S.CER	C1608 JB 1H 472K-T
C114	4030006880	S.CER	C1608 JB 1H 472K-T
C116	4030007020	S.CER	C1608 CH 1H 120J-T
C117	4030007100	S.CER	C1608 CH 1H 560J-T
C118	4030011600	S.CER	C1608 JB 1E 104K-T
C203	4030006880	S.CER	C1608 JB 1H 472K-T
C209	4030006900	S.CER	C1608 JB 1H 103K-T

[CTRL UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
C210	4030006900	S.CER	C1608 JB 1H 103K-T
C211	4010005520	CER	HM60SJ SL 010C 500V
C212	4030007020	S.CER	C1608 CH 1H 120J-T
C213	4030007050	S.CER	C1608 CH 1H 220J-T
C214	4030006860	S.CER	C1608 JB 1H 102K-T
C215	4030005040	S.CER	C2012 CH 1H 271J-T
C216	4030011600	S.CER	C1608 JB 1E 104K-T
RL1	6330001460	RLY	FTR-F1CA012V
RL2	6330001460	RLY	FTR-F1CA012V
RL3	6330001460	RLY	FTR-F1CA012V
RL4	6330000470	RLY	NR-HD (12V) AE5343
CP7	6910009670	S.CHK	HK3-S-T
J1	6510007020	CNR	TMP-J01X-V6
J3	6510007020	CNR	TMP-J01X-V6
J4	6510007020	CNR	TMP-J01X-V6
J7	6510022591	S.CNR	22FMN-BMTTR-A-TBT (LF) (SN)
J8	6510022591	S.CNR	22FMN-BMTTR-A-TBT (LF) (SN)
J14	6510018961	S.CNR	B2B-PH-SM4-TB (LF) (SN)
W3	7120000490	JMP	ERD25T0
W4	7030003860	S.RES	ERJ3GE JPW V
W11	7120000490	JMP	ERD25T0
W12	7120000490	JMP	ERD25T0

[FILTER UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
L1	6140003440	COL	LR-386 (FK-100E-5003H)
L2	6140003440	COL	LR-386 (FK-100E-5003H)
C1	4030004740	S.CER	C2012 JB 1H 472K-T
C2	4030008960	S.CER	C2012 JB 1C 104K-T
C5	4030004740	S.CER	C2012 JB 1H 472K-T
C6	4030004740	S.CER	C2012 JB 1H 472K-T
C7	4030008960	S.CER	C2012 JB 1C 104K-T
C8	4030008960	S.CER	C2012 JB 1C 104K-T
C9	4030008960	S.CER	C2012 JB 1C 104K-T
C10	4030004740	S.CER	C2012 JB 1H 472K-T
C12	4030008960	S.CER	C2012 JB 1C 104K-T
C13	4030004740	S.CER	C2012 JB 1H 472K-T
C15	4030008960	S.CER	C2012 JB 1C 104K-T
C16	4030004740	S.CER	C2012 JB 1H 472K-T
C18	4030008960	S.CER	C2012 JB 1C 104K-T
C19	4030004740	S.CER	C2012 JB 1H 472K-T
EP2	6910011330	TER	OT-009 M3
EP3	6910011330	TER	OT-009 M3
EP4	6910011330	TER	OT-009 M3
EP5	6910011330	TER	OT-009 M3

[DRV UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
Q1	1560001030	S.FET	2SK2975 (MTS103)
Q2	1560001030	S.FET	2SK2975 (MTS103)
R1	7030000020	S.RES	MCR10EZHJ 1 (010)
R2	7030000020	S.RES	MCR10EZHJ 1 (010)
R3	7030000020	S.RES	MCR10EZHJ 1 (010)
R4	7030000020	S.RES	MCR10EZHJ 1 (010)
R5	7030000260	S.RES	MCR10EZHJ 100 (101)
R6	7030000260	S.RES	MCR10EZHJ 100 (101)
R7	7030010970	S.RES	ERJ1TYJ 151U
R8	7030010970	S.RES	ERJ1TYJ 151U
C1	4030008960	S.CER	C2012 JB 1C 104K-T
C2	4030008960	S.CER	C2012 JB 1C 104K-T
C3	4030011180	S.CER	GRM31M2C2H220JV01L (GRM42-6 CH)

[PHONE UNIT]

REF NO.	ORDER NO.	DESCRIPTION
L1	6200003950	S.COL HF50ACC 322513-T
L2	6200003950	S.COL HF50ACC 322513-T
R1	7030006240	S.RES ERJ12YJ181U (180)
R2	7030006240	S.RES ERJ12YJ181U (180)
R3	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
C1	4030006880	S.CER C1608 JB 1H 472K-T
C2	4030006880	S.CER C1608 JB 1H 472K-T
C3	4030006880	S.CER C1608 JB 1H 472K-T
J1	6450001891	CNR HLJ2305-0130909
J2	6450001791	CNR HLJ7000-016010
J3	6510019971	S.CNR 52808-1071

[MIC UNIT]

REF NO.	ORDER NO.	DESCRIPTION
L1	6200003261	S.COL NLV32T-101J
L3	6200003261	S.COL NLV32T-101J
L4	6200003261	S.COL NLV32T-101J
L6	6200003261	S.COL NLV32T-101J
C1	4030006880	S.CER C1608 JB 1H 472K-T
C2	4030006880	S.CER C1608 JB 1H 472K-T
C3	4030006880	S.CER C1608 JB 1H 472K-T
C4	4030006880	S.CER C1608 JB 1H 472K-T
C5	4030006880	S.CER C1608 JB 1H 472K-T
C6	4030006880	S.CER C1608 JB 1H 472K-T
C7	4030007130	S.CER C1608 CH 1H 101J-T
J1	6510000191	CNR FM214-8SS (P) -1
J2	6510019971	S.CNR 52808-1071

[MODE UNIT]

REF NO.	ORDER NO.	DESCRIPTION
J1	6510019991	S.CNR 52808-2271 (2291)

[TEN-KEY UNIT]

REF NO.	ORDER NO.	DESCRIPTION
R1	7030003540	S.RES ERJ3GEYJ 682 V (6.8 k)
R2	7030003540	S.RES ERJ3GEYJ 682 V (6.8 k)
R3	7030003540	S.RES ERJ3GEYJ 682 V (6.8 k)
R4	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)
R5	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)
R6	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)
R7	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)
R8	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)
R9	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)
R10	7030003580	S.RES ERJ3GEYJ 153 V (15 k)
R11	7030003580	S.RES ERJ3GEYJ 153 V (15 k)
R12	7030003580	S.RES ERJ3GEYJ 153 V (15 k)
R15	7030003540	S.RES ERJ3GEYJ 682 V (6.8 k)
R16	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)
R17	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)
R18	7030003580	S.RES ERJ3GEYJ 153 V (15 k)
R19	7030003540	S.RES ERJ3GEYJ 682 V (6.8 k)
R20	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)
R21	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)
R22	7030003580	S.RES ERJ3GEYJ 153 V (15 k)
R23	7030003540	S.RES ERJ3GEYJ 682 V (6.8 k)
R24	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)
R25	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)
C1	4030011600	S.CER C1608 JB 1E 104K-T
C2	4030011600	S.CER C1608 JB 1E 104K-T
C3	4030011600	S.CER C1608 JB 1E 104K-T
C4	4030011600	S.CER C1608 JB 1E 104K-T
C5	4030011600	S.CER C1608 JB 1E 104K-T
C7	4030011600	S.CER C1608 JB 1E 104K-T
J1	6510019991	S.CNR 52808-2271 (2291)
DS1	5040002360	S.LED CL-220HR-C-TU
DS2	5040002220	S.LED CL-220YG-C-TU
DS3	5040002360	S.LED CL-220HR-C-TU
DS4	5040002220	S.LED CL-220YG-C-TU
DS5	5040002220	S.LED CL-220YG-C-TU

[PBT UNIT]

REF NO.	ORDER NO.	DESCRIPTION
R2	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R3	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R4	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R5	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R6	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R7	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
J1	6510019971	S.CNR 52808-1071
S1	2250000440	ECR TP90N00E20-22.5F-2494
S2	2250000410	ECR TP90D96E20-30F-2178-1

[RF UNIT]

REF NO.	ORDER NO.	DESCRIPTION
IC151	1110001890	S.IC uPC1678G-E2
IC161	1110004101	S.IC TA4001F (TE85L,F)
IC191	1110003970	S.IC uPC1658G-E1
IC321	1130007570	S.IC BU4094BCFV-E2
IC322	1130007570	S.IC BU4094BCFV-E2
IC323	1160000131	S.IC TD62783AFG (S,EL)
IC324	1160000131	S.IC TD62783AFG (S,EL)
IC1001	1130007570	S.IC BU4094BCFV-E2
IC1051	1180000421	S.IC TA78L05F (TE12R,F)
IC1081	1130006441	S.IC TC7S08F (TE85R,F)
IC1101	1140007881	S.IC TC190G08EFG0046JDZ/SC1246A
IC1102	1130006441	S.IC TC7S08F (TE85R,F)
IC1601	1140004550	S.IC M65343FP/SC1287
IC1801	1110005220	S.IC MC145170D2R2
IC1802	1110001890	S.IC uPC1678G-E2
Q1	1590002310	S.TR DTC114EE TL
Q2	1590002310	S.TR DTC114EE TL
Q121	1590002310	S.TR DTC114EE TL
Q161	1590001870	S.TR DTA114EE TL
Q162	1590002310	S.TR DTC114EE TL
Q163	1590002310	S.TR DTC114EE TL
Q181	1560000721	S.FET 2SK2171-4-TD-E
Q182	1560000721	S.FET 2SK2171-4-TD-E
Q211	1560000641	S.FET 2SK1740-4/5-TB-E
Q212	1560000641	S.FET 2SK1740-4/5-TB-E
Q231	1560000721	S.FET 2SK2171-4-TD-E
Q241	1580000620	S.FET 3SK131-T2 MAS
Q242	1590001870	S.TR DTA114EE TL
Q243	1590002310	S.TR DTC114EE TL
Q271	1560000561	S.FET 2SK882-GR (TE85L,F)
Q301	1530003151	S.TR 2SC4673D-TD-E
Q302	1590001870	S.TR DTA114EE TL
Q303	1590002310	S.TR DTC114EE TL
Q324	1590002310	S.TR DTC114EE TL
Q325	1590002310	S.TR DTC114EE TL
Q328	1590002310	S.TR DTC114EE TL
Q501	1590002310	S.TR DTC114EE TL
Q502	1580000360	S.FET 3SK177-T1 U73
Q541	1590002420	S.TR UMD3N TR
Q1003	1590002420	S.TR UMD3N TR
Q1051	1530002060	S.TR 2SC4081 T106 R
Q1101	1530002060	S.TR 2SC4081 T106 R
Q1102	1530002060	S.TR 2SC4081 T106 R
Q1103	1530002060	S.TR 2SC4081 T106 R
Q1201	1560000491	S.FET 2SK508-T2B-A K52
Q1202	1530003091	S.TR 2SC4213-B (TE85R,F)
Q1221	1560000491	S.FET 2SK508-T2B-A K52
Q1222	1530003091	S.TR 2SC4213-B (TE85R,F)
Q1241	1560000491	S.FET 2SK508-T2B-A K52
Q1242	1530003091	S.TR 2SC4213-B (TE85R,F)
Q1261	1560000491	S.FET 2SK508-T2B-A K52
Q1262	1530003091	S.TR 2SC4213-B (TE85R,F)
Q1281	1530002571	S.TR 2SC4405-3-TL-E
Q1301	1560000331	S.FET 2SK210-GR (TE85R,F)
Q1302	1530002060	S.TR 2SC4081 T106 R
Q1401	1530002920	S.TR 2SC4226-T1 R25
Q1402	1590001870	S.TR DTA114EE TL
Q1521	1590002420	S.TR UMD3N TR
Q1561	1590002420	S.TR UMD3N TR
Q1581	1590002420	S.TR UMD3N TR
Q1601	1530002060	S.TR 2SC4081 T106 R
Q1801	1590002420	S.TR UMD3N TR
Q1901	1530002561	S.TR 2SC4403-3-TL-E
Q1902	1530002060	S.TR 2SC4081 T106 R
Q1903	1530002060	S.TR 2SC4081 T106 R
Q1904	1530002561	S.TR 2SC4403-3-TL-E
Q2003	1590000720	S.TR DTA144EUA T106
Q2004	1590000720	S.TR DTA144EUA T106
Q2005	1590000720	S.TR DTA144EUA T106
D1	1750000351	S.DIO 1SV252 (TE85L,F)
D2	1750000351	S.DIO 1SV252 (TE85L,F)
D3	1750000851	S.DIO MMBV3700LT1G
D4	1750000851	S.DIO MMBV3700LT1G
D11	1790000620	S.DIO MA77 (TX)
D21	1750000851	S.DIO MMBV3700LT1G
D22	1790000620	S.DIO MA77 (TX)
D31	1750000851	S.DIO MMBV3700LT1G
D32	1790000620	S.DIO MA77 (TX)
D41	1750000851	S.DIO MMBV3700LT1G

[RF UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
D42	1790000620	S.DIO	MA77 (TX)
D51	1750000851	S.DIO	MMBV3700LT1G
D52	1790000620	S.DIO	MA77 (TX)
D61	1750000851	S.DIO	MMBV3700LT1G
D62	1790000620	S.DIO	MA77 (TX)
D71	1750000851	S.DIO	MMBV3700LT1G
D72	1790000620	S.DIO	MA77 (TX)
D81	1750000851	S.DIO	MMBV3700LT1G
D82	1790000620	S.DIO	MA77 (TX)
D91	1750000851	S.DIO	MMBV3700LT1G
D92	1790000620	S.DIO	MA77 (TX)
D101	1750000851	S.DIO	MMBV3700LT1G
D102	1790000620	S.DIO	MA77 (TX)
D111	1750000851	S.DIO	MMBV3700LT1G
D112	1790000620	S.DIO	MA77 (TX)
D121	1750000301	S.DIO	1SS302 (TE85R,F)
D122	1750000301	S.DIO	1SS302 (TE85R,F)
D123	1790000620	S.DIO	MA77 (TX)
D124	1790000620	S.DIO	MA77 (TX)
D136	1790000620	S.DIO	MA77 (TX)
D137	1790000620	S.DIO	MA77 (TX)
D151	1750000441	S.DIO	1SV263-TL-E
D152	1790001260	S.DIO	MA2S077-(TX)
D153	1790001260	S.DIO	MA2S077-(TX)
D154	1790001260	S.DIO	MA2S077-(TX)
D161	1790000620	S.DIO	MA77 (TX)
D162	1790000620	S.DIO	MA77 (TX)
D163	1790000620	S.DIO	MA77 (TX)
D164	1750000520	S.DIO	DAN222TL
D165	1750000520	S.DIO	DAN222TL
D171	1790000620	S.DIO	MA77 (TX)
D172	1790000620	S.DIO	MA77 (TX)
D181	1790000620	S.DIO	MA77 (TX)
D182	1790000620	S.DIO	MA77 (TX)
D183	1790000620	S.DIO	MA77 (TX)
D184	1790000620	S.DIO	MA77 (TX)
D211	1790000620	S.DIO	MA77 (TX)
D251	1790000620	S.DIO	MA77 (TX)
D252	1790000620	S.DIO	MA77 (TX)
D253	1790000620	S.DIO	MA77 (TX)
D254	1790000620	S.DIO	MA77 (TX)
D255	1790000620	S.DIO	MA77 (TX)
D256	1790000620	S.DIO	MA77 (TX)
D261	1750000431	S.DIO	HSB88WSTR-E
D271	1750000431	S.DIO	HSB88WSTR-E
D272	1750000531	S.DIO	1SV271 (TPH3,F)
D281	1790000620	S.DIO	MA77 (TX)
D301	1790000620	S.DIO	MA77 (TX)
D302	1790000620	S.DIO	MA77 (TX)
D303	1790000620	S.DIO	MA77 (TX)
D304	1790000620	S.DIO	MA77 (TX)
D305	1790000620	S.DIO	MA77 (TX)
D306	1790000620	S.DIO	MA77 (TX)
D307	1750000520	S.DIO	DAN222TL
D308	1790000620	S.DIO	MA77 (TX)
D501	1720000681	S.VCP	1SV262 (TPH2,F)
D502	1720000681	S.VCP	1SV262 (TPH2,F)
D503	1720000681	S.VCP	1SV262 (TPH2,F)
D504	1720000681	S.VCP	1SV262 (TPH2,F)
D541	1790000620	S.DIO	MA77 (TX)
D542	1750000741	S.VCP	1SV314 (TPH3,F)
D543	1790000620	S.DIO	MA77 (TX)
D544	1750000741	S.VCP	1SV314 (TPH3,F)
D545	1790000620	S.DIO	MA77 (TX)
D546	1750000741	S.VCP	1SV314 (TPH3,F)
D547	1790000620	S.DIO	MA77 (TX)
D548	1750000741	S.VCP	1SV314 (TPH3,F)
D1003	1750000520	S.DIO	DAN222TL
D1004	1750000520	S.DIO	DAN222TL
D1201	1790000540	S.VCP	MA338 (TX)
D1221	1790000540	S.VCP	MA338 (TX)
D1241	1720000831	S.VCP	KV1770STL-G
D1261	1720000831	S.VCP	KV1770STL-G
D1301	1720000590	S.VCP	MA357 (TX)
D1302	1790000491	S.DIO	HSM88ASTR-E
D1303	1790000491	S.DIO	HSM88ASTR-E
D1401	1750000231	S.DIO	1SS315 (TPH3,F)
D1402	1790000620	S.DIO	MA77 (TX)
D1403	1750000231	S.DIO	1SS315 (TPH3,F)
D1502	1750000211	S.DIO	1SV237 (TE85R,F)
D1503	1790000620	S.DIO	MA77 (TX)
D1504	1750000211	S.DIO	1SV237 (TE85R,F)
D1505	1750000520	S.DIO	DAN222TL
D1801	1790000620	S.DIO	MA77 (TX)
D1901	1720000590	S.VCP	MA357 (TX)
FI231	2010002470	XTL	FL-315 (64.45500 MHz)
FI1101	2020001690	S.CER	SFECY10M8TF00-R0 (CFEC10.8MD11)
X1901	6050007351	XTL	CR-337A (32.000 MHz)
L1	6200003241	S.COL	NLV32T-221J
L2	6200003241	S.COL	NLV32T-221J
L3	6180000860	COL	LAL 03NA 5R6K
L4	6180000850	COL	LAL 03NA 4R7K
L5	6200009690	S.COL	LQH43CN101K03L
L6	6200009690	S.COL	LQH43CN101K03L
L11	6180000680	COL	LAL 02NA 4R7K
L12	6180001900	COL	LAL 02NA 6R8K
L14	6200003241	S.COL	NLV32T-221J
L21	6180001860	COL	LAL 02NA 3R9K

[RF UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
L22	6180001300	COL	LAL 02NA 100K
L23	6180001860	COL	LAL 02NA 3R9K
L31	6180002380	COL	LAL 02NA 2R2K
L32	6180001940	COL	LAL 02NA 3R3K
L33	6180002380	COL	LAL 02NA 2R2K
L41	6180002300	COL	LAL 02NA 1R2K
L42	6180003270	COL	LAL 02NA 2R7K
L43	6180002300	COL	LAL 02NA 1R2K
L51	6180002190	COL	LAL 02NA R47K
L52	6180002380	COL	LAL 02NA 2R2K
L53	6180002190	COL	LAL 02NA R47K
L61	6180002520	COL	LAL 02NA R27K
L62	6180002380	COL	LAL 02NA 2R2K
L63	6180002520	COL	LAL 02NA R27K
L71	6180000670	COL	LAL 02NA R22K
L72	6180002791	COL	EL0606SKI-1R2J-PF
L73	6180000670	COL	LAL 02NA R22K
L81	6200001471	S.COL	NLV32T-R12J
L82	6180002781	COL	EL0606SKI-1R0J-PF
L83	6200001471	S.COL	NLV32T-R12J
L91	6200001831	S.COL	NLV32T-100J
L92	6200008410	S.COL	LQH31HNR21J03L
L93	6200008100	S.COL	LQH31HNR14J03L
L94	6200008100	S.COL	LQH31HNR14J03L
L95	6200008100	S.COL	LQH31HNR14J03L
L96	6200008100	S.COL	LQH31HNR14J03L
L101	6200003011	S.COL	NLV32T-R27J
L102	6200003001	S.COL	NLV32T-R22J
L103	6200003011	S.COL	NLV32T-R27J
L112	6200003421	S.COL	NLV32T-R15J
L113	6200003421	S.COL	NLV32T-R15J
L114	6200003421	S.COL	NLV32T-R15J
L115	6200003331	S.COL	NLV32T-1R0J
L121	6200003440	S.COL	ELJNC 39NK-F
L122	6200004741	S.COL	NLV25T-1R2J
L128	6200002150	S.COL	ELJNC 56NK-F
L129	6200004741	S.COL	NLV25T-1R2J
L151	6200003241	S.COL	NLV32T-221J
L152	6200001711	S.COL	NLV32T-220J
L160	6200009351	S.COL	ELJRE R22GFA
L171	6200003241	S.COL	NLV32T-221J
L172	6200003261	S.COL	NLV32T-101J
L180	6200001981	S.COL	NLV25T-1R0J
L181	6140003530	COL	LR-395
L182	6180000850	COL	LAL 03NA 4R7K
L183	6180000850	COL	LAL 03NA 4R7K
L184	6140003690	COL	LR-408A
L191	6200003261	S.COL	NLV32T-101J
L192	6200003261	S.COL	NLV32T-101J
L210	6200012460	S.COL	0.30-1.7-8TL 54N <COMO>
L211	6200013000	S.COL	0.25-1.9-13TL 135N <COMO>
L212	6200013000	S.COL	0.25-1.9-13TL 135N <COMO>
L213	6140003530	COL	LR-395
L214	6200003431	S.COL	NLV32T-R10J
L215	6150005160	COL	LS-544
L216	6200003331	S.COL	NLV32T-1R0J
L217	6200001981	S.COL	NLV25T-1R0J
L231	6200005011	S.COL	NLV25T-100J
L232	6200010080	S.COL	LQH31HNR50J03L
L233	6200001981	S.COL	NLV25T-1R0J
L241	6150004280	COL	LS-484B (C-14927)
L242	6150004280	COL	LS-484B (C-14927)
L251	6150005110	COL	LS-540
L252	6150004270	COL	LS-483A (C-14924)
L253	6150005110	COL	LS-540
L261	6140002810	S.COL	LR-317 (
L262	6140003530	COL	LR-395
L263	6200003041	S.COL	NLV32T-R68J
L271	6200005190	S.COL	MLF1608D R56K-T
L272	6150000991	COL	LS-424
L285	6200004021	S.COL	NLV32T-039J
L286	6180002981	S.COL	NLV32T-056J
L288	6200003421	S.COL	NLV32T-R15J
L289	6140003210	S.COL	LR-358 (
L290	6140003210	S.COL	LR-358 (
L301	6200003001	S.COL	NLV32T-R22J
L302	6200003021	S.COL	NLV32T-R33J
L303	6200003331	S.COL	NLV32T-1R0J
L304	6200001760	S.COL	ELJNC 22NK-F
L305	6200002581	S.COL	NLV25T-033J
L306	6200001770	S.COL	ELJNC 47NK-F
L307	6200002421	S.COL	NLV25T-068J
L308	6200001981	S.COL	NLV25T-1R0J
L311	6200001981	S.COL	NLV25T-1R0J
L401	6200003261	S.COL	NLV32T-101J
L501	6200007230	S.COL	LQW2BHN15NJ03L
L502	6200012990	S.COL	0.25-1.9-9TL 84.0N <COMO>
L503	6200001981	S.COL	NLV25T-1R0J
L504	6200013080	S.COL	0.25-1.9-10TL 97.0N <COMO>
L505	6200013080	S.COL	0.25-1.9-10TL 97.0N <COMO>
L506	6200012990	S.COL	0.25-1.9-9TL 84.0N <COMO>
L507	6200007700	S.COL	LQW2BHN22NJ03L
L510	6200003281	S.COL	NLV25T-2R2J
L1051	6200001831	S.COL	NLV32T-100J
L1101	6200001831	S.COL	NLV32T-100J
L1201	6200008911	S.COL	1812CS-122XJLC
L1202	6190001441	COL	#E526GN-110504
L1203	6200008911	S.COL	1812CS-122XJLC
L1204	6200005011	S.COL	NLV25T-100J
L1221	6200008911	S.COL	1812CS-122XJLC
L1222	6190001421	COL	#E526GN-110502
L1223	6200008911	S.COL	1812CS-122XJLC
L1224	6200005011	S.COL	NLV25T-100J
L1241	6200008911	S.COL	1812CS-122XJLC

[RF UNIT]

REF NO.	ORDER NO.	DESCRIPTION
L1242	6190001411	COL #E526GN-110501
L1243	6200008911	S.COL 1812CS-122XJLC
L1244	6200005011	S.COL NLV25T-100J
L1261	6200008911	S.COL 1812CS-122XJLC
L1262	6190001411	COL #E526GN-110501
L1263	6200008911	S.COL 1812CS-122XJLC
L1264	6200005011	S.COL NLV25T-100J
L1281	6200001831	S.COL NLV32T-100J
L1291	6200004590	S.COL MLF1608D R18K-T
L1301	6130002970	COL LB-343
L1302	6200001831	S.COL NLV32T-100J
L1401	6200002961	S.COL NLV32T-4R7J
L1402	6140002810	S.COL LR-317 (
L1403	6200003041	S.COL NLV32T-R68J
L1406	6200003041	S.COL NLV32T-R68J
L1408	6200003261	S.COL NLV32T-101J
L1410	6200003440	S.COL ELJNC 39NK-F
L1412	6200004590	S.COL MLF1608D R18K-T
L1521	6200002150	S.COL ELJNC 56NK-F
L1522	6200001940	S.COL ELJNC 27NK-F
L1523	6200001760	S.COL ELJNC 22NK-F
L1530	6200003440	S.COL ELJNC 39NK-F
L1561	6200001630	S.COL ELJNC R10K-F
L1562	6200001630	S.COL ELJNC R10K-F
L1563	6200001630	S.COL ELJNC R10K-F
L1581	6200002150	S.COL ELJNC 56NK-F
L1582	6200002160	S.COL ELJNC 82NK-F
L1583	6200002160	S.COL ELJNC 82NK-F
L1584	6200003540	S.COL MLF1608D R22K-T
L1601	6200001831	S.COL NLV32T-100J
L1602	6200005491	S.COL NLV32T-331J
L1603	6200008641	S.COL NLV32T-391J
L1605	6200008641	S.COL NLV32T-391J
L1801	6200003021	S.COL NLV32T-R33J
L1802	6200001770	S.COL ELJNC 47NK-F
L1804	6140002220	COL LR-270 (TR6X3X2 3A9)
L1805	6200003261	S.COL NLV32T-101J
L1806	6200004770	S.COL ELJNC R56J-F
L1901	6130001100	COL LB-146
L1902	6150004521	S.COL LS-508-LF
L1903	6150004831	S.COL LS-509-LF
L1904	6150004831	S.COL LS-509-LF
L1905	6200001831	S.COL NLV32T-100J
L1908	6200003590	S.COL EXCCL3225U1
R1	7030003390	S.RES ERJ3GEYJ 391 V (390)
R2	7030003290	S.RES ERJ3GEYJ 560 V (56)
R3	7030003200	S.RES ERJ3GEYJ 100 V (10)
R4	7030006260	S.RES ERJ12YJ471U (470)
R5	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)
R6	7030006260	S.RES ERJ12YJ471U (470)
R7	7030003460	S.RES ERJ3GEYJ 152 V (1.5 k)
R11	7030003320	S.RES ERJ3GEYJ 101 V (100)
R12	7030003310	S.RES ERJ3GEYJ 820 V (82)
R13	7030003320	S.RES ERJ3GEYJ 101 V (100)
R15	7030006260	S.RES ERJ12YJ471U (470)
R21	7030003320	S.RES ERJ3GEYJ 101 V (100)
R31	7030003320	S.RES ERJ3GEYJ 101 V (100)
R41	7030003320	S.RES ERJ3GEYJ 101 V (100)
R51	7030003320	S.RES ERJ3GEYJ 101 V (100)
R61	7030003320	S.RES ERJ3GEYJ 101 V (100)
R71	7030003320	S.RES ERJ3GEYJ 101 V (100)
R81	7030003320	S.RES ERJ3GEYJ 101 V (100)
R91	7030003320	S.RES ERJ3GEYJ 101 V (100)
R101	7030003320	S.RES ERJ3GEYJ 101 V (100)
R111	7030003320	S.RES ERJ3GEYJ 101 V (100)
R112	7030003220	S.RES ERJ3GEYJ 150 V (15)
R113	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R121	7030006260	S.RES ERJ12YJ471U (470)
R122	7030003380	S.RES ERJ3GEYJ 331 V (330)
R123	7030003280	S.RES ERJ3GEYJ 470 V (47)
R124	7030006260	S.RES ERJ12YJ471U (470)
R151	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R152	7030003360	S.RES ERJ3GEYJ 221 V (220)
R153	7030003230	S.RES ERJ3GEYJ 180 V (18)
R154	7030003290	S.RES ERJ3GEYJ 560 V (56)
R155	7030003230	S.RES ERJ3GEYJ 180 V (18)
R156	7030003380	S.RES ERJ3GEYJ 331 V (330)
R157	7030003200	S.RES ERJ3GEYJ 100 V (10)
R158	7030003320	S.RES ERJ3GEYJ 101 V (100)
R159	7030003400	S.RES ERJ3GEYJ 471 V (470)
R160	7030003200	S.RES ERJ3GEYJ 100 V (10)
R161	7030003400	S.RES ERJ3GEYJ 471 V (470)
R162	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R163	7030004040	S.RES ERJ3GEYJ 4R7 V (4.7)
R164	7030004040	S.RES ERJ3GEYJ 4R7 V (4.7)
R165	7030003370	S.RES ERJ3GEYJ 271 V (270)
R166	7030003380	S.RES ERJ3GEYJ 331 V (330)
R171	7030006260	S.RES ERJ12YJ471U (470)
R172	7030003320	S.RES ERJ3GEYJ 101 V (100)
R173	7030003320	S.RES ERJ3GEYJ 101 V (100)
R181	7030003320	S.RES ERJ3GEYJ 101 V (100)
R182	7030003280	S.RES ERJ3GEYJ 470 V (47)
R183	7030003280	S.RES ERJ3GEYJ 470 V (47)
R184	7030003320	S.RES ERJ3GEYJ 101 V (100)
R185	7030003320	S.RES ERJ3GEYJ 101 V (100)
R186	7030003320	S.RES ERJ3GEYJ 101 V (100)
R191	7030003320	S.RES ERJ3GEYJ 101 V (100)
R192	7030003420	S.RES ERJ3GEYJ 681 V (680)
R193	7030003340	S.RES ERJ3GEYJ 151 V (150) [EUR], [FRA], [DEN], [ITR], [ESP], [KOR] only
R194	7030003270	S.RES ERJ3GEYJ 390 V (39) [EUR], [FRA], [DEN], [ITR], [ESP], [KOR] only

[RF UNIT]

REF NO.	ORDER NO.	DESCRIPTION
R195	7030003340	S.RES ERJ3GEYJ 151 V (150) [EUR], [FRA], [DEN], [ITR], [ESP], [KOR] only
R196	7030003320	S.RES ERJ3GEYJ 101 V (100)
R202	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)
R211	7030006260	S.RES ERJ12YJ471U (470)
R212	7030003410	S.RES ERJ3GEYJ 561 V (560)
R213	7030003410	S.RES ERJ3GEYJ 561 V (560)
R214	7030006260	S.RES ERJ12YJ471U (470)
R215	7030003400	S.RES ERJ3GEYJ 471 V (470)
R216	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R217	7030003280	S.RES ERJ3GEYJ 470 V (47)
R218	7310005050	S.TRI RH03ADCS3X (4.7 k)
R219	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R231	7030003280	S.RES ERJ3GEYJ 470 V (47)
R233	7030003470	S.RES ERJ3GEYJ 182 V (1.8 k) [EUR], [FRA], [DEN], [ITR], [ESP], [KOR] only
R241	7030003280	S.RES ERJ3GEYJ 470 V (47)
R242	7030003280	S.RES ERJ3GEYJ 470 V (47)
R243	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R244	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)
R245	7030003600	S.RES ERJ3GEYJ 223 V (22 k)
R246	7030003300	S.RES ERJ3GEYJ 680 V (68)
R248	7030003280	S.RES ERJ3GEYJ 470 V (47)
R249	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)
R250	7030003490	S.RES ERJ3GEYJ 272 V (2.7 k)
R251	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)
R252	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R253	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R254	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R255	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)
R261	7030003370	S.RES ERJ3GEYJ 271 V (270)
R262	7030003230	S.RES ERJ3GEYJ 180 V (18)
R263	7030003370	S.RES ERJ3GEYJ 271 V (270)
R264	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R271	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)
R272	7030003470	S.RES ERJ3GEYJ 182 V (1.8 k)
R273	7030003340	S.RES ERJ3GEYJ 151 V (150)
R274	7030003600	S.RES ERJ3GEYJ 223 V (22 k)
R275	7030003320	S.RES ERJ3GEYJ 101 V (100)
R276	7030003370	S.RES ERJ3GEYJ 271 V (270)
R277	7030003370	S.RES ERJ3GEYJ 271 V (270)
R278	7030003500	S.RES ERJ3GEYJ 332 V (3.3 k)
R279	7030003390	S.RES ERJ3GEYJ 391 V (390)
R289	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R291	7030003400	S.RES ERJ3GEYJ 471 V (470)
R301	7030003310	S.RES ERJ3GEYJ 820 V (82)
R302	7030003420	S.RES ERJ3GEYJ 681 V (680)
R303	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)
R304	7030003200	S.RES ERJ3GEYJ 100 V (10)
R305	7030003280	S.RES ERJ3GEYJ 470 V (47)
R306	7030003400	S.RES ERJ3GEYJ 471 V (470)
R307	7030003400	S.RES ERJ3GEYJ 471 V (470)
R308	7030003280	S.RES ERJ3GEYJ 470 V (47)
R309	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R310	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R311	7030006260	S.RES ERJ12YJ471U (470)
R312	7030006260	S.RES ERJ12YJ471U (470)
R313	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)
R314	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R315	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)
R316	7030003260	S.RES ERJ3GEYJ 330 V (33)
R321	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R322	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R324	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R325	7030004040	S.RES ERJ3GEYJ 4R7 V (4.7)
R326	7030004040	S.RES ERJ3GEYJ 4R7 V (4.7)
R327	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R328	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R329	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R330	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R331	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R332	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R333	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R334	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R335	7030003200	S.RES ERJ3GEYJ 100 V (10)
R336	7030003200	S.RES ERJ3GEYJ 100 V (10)
R337	7030003200	S.RES ERJ3GEYJ 100 V (10)
R338	7030003200	S.RES ERJ3GEYJ 100 V (10)
R339	7030003200	S.RES ERJ3GEYJ 100 V (10)
R340	7030003200	S.RES ERJ3GEYJ 100 V (10)
R341	7030003200	S.RES ERJ3GEYJ 100 V (10)
R342	7030003200	S.RES ERJ3GEYJ 100 V (10)
R343	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R344	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R345	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R346	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R347	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R348	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R349	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R350	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R351	7030003200	S.RES ERJ3GEYJ 100 V (10)
R352	7030003200	S.RES ERJ3GEYJ 100 V (10)
R353	7030003200	S.RES ERJ3GEYJ 100 V (10)
R354	7030003200	S.RES ERJ3GEYJ 100 V (10)
R355	7030003200	S.RES ERJ3GEYJ 100 V (10)
R356	7030003200	S.RES ERJ3GEYJ 100 V (10)
R357	7030003200	S.RES ERJ3GEYJ 100 V (10)
R358	7030003200	S.RES ERJ3GEYJ 100 V (10)
R359	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R501	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R502	7030003400	S.RES ERJ3GEYJ 471 V (470)
R503	7030003610	S.RES ERJ3GEYJ 273 V (27 k)
R504	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R505	7030003300	S.RES ERJ3GEYJ 680 V (68)

[RF UNIT]

REF NO.	ORDER NO.	DESCRIPTION
R506	7030003250	S.RES ERJ3GEYJ 270 V (27)
R507	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R508	7030003470	S.RES ERJ3GEYJ 182 V (1.8 k)
R509	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R510	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R511	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R541	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R542	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R543	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R544	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R545	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R546	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R547	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R548	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R549	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R1000	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1002	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1003	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1004	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1005	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1006	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1007	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1008	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1009	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1011	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1012	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1013	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1014	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1015	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1016	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1017	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1018	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1019	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1020	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1025	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1026	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1027	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1031	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1032	7310003820	TRI EVN-D2AA03 B14
R1033	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1051	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1052	7030003450	S.RES ERJ3GEYJ 122 V (1.2 k)
R1081	7030003320	S.RES ERJ3GEYJ 101 V (100)
R1082	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)
R1101	7030007220	S.RES ERA3YED 202V (2 k)
R1102	7030007220	S.RES ERA3YED 202V (2 k)
R1103	7030007230	S.RES ERA3YED 102V (1 k)
R1104	7030007220	S.RES ERA3YED 202V (2 k)
R1105	7030007230	S.RES ERA3YED 102V (1 k)
R1106	7030007220	S.RES ERA3YED 202V (2 k)
R1107	7030007230	S.RES ERA3YED 102V (1 k)
R1108	7030007220	S.RES ERA3YED 202V (2 k)
R1109	7030007230	S.RES ERA3YED 102V (1 k)
R1110	7030007220	S.RES ERA3YED 202V (2 k)
R1111	7030007230	S.RES ERA3YED 102V (1 k)
R1112	7030007220	S.RES ERA3YED 202V (2 k)
R1113	7030007230	S.RES ERA3YED 102V (1 k)
R1114	7030007220	S.RES ERA3YED 202V (2 k)
R1115	7030007210	S.RES ERA3YEB 102V (1 k)
R1116	7030007200	S.RES ERA3YEB 202V (2 k)
R1117	7030007210	S.RES ERA3YEB 102V (1 k)
R1118	7030007200	S.RES ERA3YEB 202V (2 k)
R1119	7030007210	S.RES ERA3YEB 102V (1 k)
R1120	7030007200	S.RES ERA3YEB 202V (2 k)
R1121	7030007210	S.RES ERA3YEB 102V (1 k)
R1122	7030007200	S.RES ERA3YEB 202V (2 k)
R1123	7030007210	S.RES ERA3YEB 102V (1 k)
R1124	7030007200	S.RES ERA3YEB 202V (2 k)
R1125	7030003400	S.RES ERJ3GEYJ 471 V (470)
R1127	7030003320	S.RES ERJ3GEYJ 101 V (100)
R1128	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1129	7030003360	S.RES ERJ3GEYJ 221 V (220)
R1130	7030003280	S.RES ERJ3GEYJ 470 V (47)
R1132	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1133	7030003360	S.RES ERJ3GEYJ 221 V (220)
R1134	7030003280	S.RES ERJ3GEYJ 470 V (47)
R1135	7030010390	S.RES ERA3YED 821V (820)
R1136	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1137	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1138	7030009640	S.RES RR0816Q-150-D (15) , [EUR], [FRA], [ITR], [ESP] only
R1139	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1140	7030003370	S.RES ERJ3GEYJ 271 V (270)
R1142	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1144	7030006091	S.RES ERA3YED 822V (8.2 k)
R1147	7030003360	S.RES ERJ3GEYJ 221 V (220)
R1148	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1149	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1150	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1151	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1152	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1153	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1154	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1155	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1156	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1157	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1159	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1202	7030003280	S.RES ERJ3GEYJ 470 V (47)
R1203	7030003380	S.RES ERJ3GEYJ 331 V (330)
R1204	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R1222	7030003280	S.RES ERJ3GEYJ 470 V (47)
R1223	7030003380	S.RES ERJ3GEYJ 331 V (330)
R1224	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R1242	7030003280	S.RES ERJ3GEYJ 470 V (47)

[RF UNIT]

REF NO.	ORDER NO.	DESCRIPTION
R1243	7030003380	S.RES ERJ3GEYJ 331 V (330)
R1244	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R1262	7030003280	S.RES ERJ3GEYJ 470 V (47)
R1263	7030003380	S.RES ERJ3GEYJ 331 V (330)
R1264	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R1281	7030003280	S.RES ERJ3GEYJ 470 V (47)
R1282	7030003470	S.RES ERJ3GEYJ 182 V (1.8 k)
R1283	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)
R1284	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1301	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R1302	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R1303	7030003320	S.RES ERJ3GEYJ 101 V (100)
R1304	7030003340	S.RES ERJ3GEYJ 151 V (150)
R1305	7030003680	S.RES ERJ3GEYJ 104 V (100 k)
R1306	7030003340	S.RES ERJ3GEYJ 151 V (150)
R1307	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1308	7030003320	S.RES ERJ3GEYJ 101 V (100)
R1309	7030003360	S.RES ERJ3GEYJ 221 V (220)
R1310	7030003220	S.RES ERJ3GEYJ 150 V (15)
R1311	7030003220	S.RES ERJ3GEYJ 150 V (15)
R1312	7030003220	S.RES ERJ3GEYJ 150 V (15)
R1402	7030003340	S.RES ERJ3GEYJ 151 V (150)
R1403	7030003340	S.RES ERJ3GEYJ 151 V (150)
R1404	7030003450	S.RES ERJ3GEYJ 122 V (1.2 k)
R1405	7030003500	S.RES ERJ3GEYJ 332 V (3.3 k)
R1406	7030003280	S.RES ERJ3GEYJ 470 V (47)
R1407	7030003280	S.RES ERJ3GEYJ 470 V (47)
R1416	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1417	7030003370	S.RES ERJ3GEYJ 271 V (270)
R1418	7030003230	S.RES ERJ3GEYJ 180 V (18)
R1419	7030003370	S.RES ERJ3GEYJ 271 V (270)
R1501	7030003300	S.RES ERJ3GEYJ 680 V (68)
R1502	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1506	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1521	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1524	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1561	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1562	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1581	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1582	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1601	7030007200	S.RES ERA3YEB 202V (2 k)
R1602	7030007210	S.RES ERA3YEB 102V (1 k)
R1603	7030007200	S.RES ERA3YEB 202V (2 k)
R1604	7030007210	S.RES ERA3YEB 102V (1 k)
R1605	7030007200	S.RES ERA3YEB 202V (2 k)
R1606	7030007210	S.RES ERA3YEB 102V (1 k)
R1607	7030007200	S.RES ERA3YEB 202V (2 k)
R1608	7030007210	S.RES ERA3YEB 102V (1 k)
R1609	7030007200	S.RES ERA3YEB 202V (2 k)
R1610	7030007210	S.RES ERA3YEB 102V (1 k)
R1611	7030007220	S.RES ERA3YED 202V (2 k)
R1612	7030007230	S.RES ERA3YED 102V (1 k)
R1613	7030007220	S.RES ERA3YED 202V (2 k)
R1614	7030007230	S.RES ERA3YED 102V (1 k)
R1615	7030007220	S.RES ERA3YED 202V (2 k)
R1616	7030007230	S.RES ERA3YED 102V (1 k)
R1617	7030007220	S.RES ERA3YED 202V (2 k)
R1618	7030007230	S.RES ERA3YED 102V (1 k)
R1619	7030007220	S.RES ERA3YED 202V (2 k)
R1620	7030007220	S.RES ERA3YED 202V (2 k)
R1621	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1622	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1623	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1624	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1626	7030003370	S.RES ERJ3GEYJ 271 V (270)
R1627	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1630	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)
R1632	7030003360	S.RES ERJ3GEYJ 221 V (220)
R1802	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R1803	7030003400	S.RES ERJ3GEYJ 471 V (470)
R1805	7030007490	S.RES MCR03EZHJ 10 M
R1806	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1808	7030003400	S.RES ERJ3GEYJ 471 V (470)
R1809	7030003200	S.RES ERJ3GEYJ 100 V (10)
R1810	7030003400	S.RES ERJ3GEYJ 471 V (470)
R1817	7030009651	S.RES ERA3YHD 820V (82)
R1818	7030006581	S.RES ERA3YED 122V (1.2 k)
R1820	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1821	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1822	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1823	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1824	7030003200	S.RES ERJ3GEYJ 100 V (10)
R1904	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1905	7030003320	S.RES ERJ3GEYJ 101 V (100)
R1906	7030003580	S.RES ERJ3GEYJ 153 V (15 k)
R1907	7030003520	S.RES ERJ3GEYJ 472 V (4.7 k)
R1908	7030003400	S.RES ERJ3GEYJ 471 V (470)
R1909	7030003470	S.RES ERJ3GEYJ 182 V (1.8 k)
R1910	7030003480	S.RES ERJ3GEYJ 222 V (2.2 k)
R1911	7030003320	S.RES ERJ3GEYJ 101 V (100)
R1912	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R1913	7030003640	S.RES ERJ3GEYJ 473 V (47 k)
R1914	7030003320	S.RES ERJ3GEYJ 101 V (100)
R1915	7030003370	S.RES ERJ3GEYJ 271 V (270)
R1916	7030003600	S.RES ERJ3GEYJ 223 V (22 k)
R1917	7030003560	S.RES ERJ3GEYJ 103 V (10 k)
R1918	7030003370	S.RES ERJ3GEYJ 271 V (270)
R1919	7030003200	S.RES ERJ3GEYJ 100 V (10)
R1922	7030003360	S.RES ERJ3GEYJ 221 V (220)
R1923	7030003320	S.RES ERJ3GEYJ 101 V (100)
R1924	7030003440	S.RES ERJ3GEYJ 102 V (1 k)
R2004	7030003570	S.RES ERJ3GEYJ 123 V (12 k)
R2005	7030003620	S.RES ERJ3GEYJ 333 V (33 k)
R2006	7030003530	S.RES ERJ3GEYJ 562 V (5.6 k)

[RF UNIT]

REF NO.	ORDER NO.	DESCRIPTION
C1	4030011600	S.CER C1608 JB 1E 104K-T
C2	4030011600	S.CER C1608 JB 1E 104K-T
C3	4030011600	S.CER C1608 JB 1E 104K-T
C4	4030011600	S.CER C1608 JB 1E 104K-T
C5	4030008470	S.CER C1608 JB 1H 272K-T
C6	4030009880	S.CER C1608 JB 1H 682K-T
C7	4030009980	S.CER C1608 JB 1H 152K-T
C8	4030006860	S.CER C1608 JB 1H 102K-T
C9	4030011600	S.CER C1608 JB 1E 104K-T
C10	4030006860	S.CER C1608 JB 1H 102K-T
C11	4030011600	S.CER C1608 JB 1E 104K-T
C12	4030008650	S.CER C1608 JB 1H 332K-T
C13	4030011330	S.CER C1608 CH 1H 391J-T
C14	4030008650	S.CER C1608 JB 1H 332K-T
C15	4030006860	S.CER C1608 JB 1H 102K-T
C16	4030009000	S.CER C2012 JB 1C 224K-T
C17	4030011600	S.CER C1608 JB 1E 104K-T
C21	4030011600	S.CER C1608 JB 1E 104K-T
C22	4030017840	S.CER C2012 CH 1H 222J-T
C23	4030017810	S.CER C1608 CH 1H 102J-T
C24	4030017840	S.CER C2012 CH 1H 222J-T
C25	4030011600	S.CER C1608 JB 1E 104K-T
C31	4030011600	S.CER C1608 JB 1E 104K-T
C32	4030017830	S.CER C2012 CH 1H 152J-T
C33	4030017810	S.CER C1608 CH 1H 102J-T
C34	4030017830	S.CER C2012 CH 1H 152J-T
C35	4030011600	S.CER C1608 JB 1E 104K-T
C41	4030011600	S.CER C1608 JB 1E 104K-T
C42	4030009580	S.CER C1608 JB 1H 681K-T
C43	4030011830	S.CER C1608 CH 1H 301J-T
C44	4030009580	S.CER C1608 JB 1H 681K-T
C45	4030011600	S.CER C1608 JB 1E 104K-T
C51	4030011600	S.CER C1608 JB 1E 104K-T
C52	4030009580	S.CER C1608 JB 1H 681K-T
C53	4030007150	S.CER C1608 CH 1H 151J-T
C54	4030009580	S.CER C1608 JB 1H 681K-T
C55	4030011600	S.CER C1608 JB 1E 104K-T
C61	4030011600	S.CER C1608 JB 1E 104K-T
C62	4030017800	S.CER C1608 CH 1H 561J-T
C63	4030007110	S.CER C1608 CH 1H 680J-T
C64	4030017800	S.CER C1608 CH 1H 561J-T
C65	4030011600	S.CER C1608 JB 1E 104K-T
C71	4030011600	S.CER C1608 JB 1E 104K-T
C72	4030011330	S.CER C1608 CH 1H 391J-T
C73	4030007110	S.CER C1608 CH 1H 680J-T
C74	4030011330	S.CER C1608 CH 1H 391J-T
C75	4030011600	S.CER C1608 JB 1E 104K-T
C81	4030011600	S.CER C1608 JB 1E 104K-T
C82	4030010760	S.CER C1608 CH 1H 331J-T
C83	4030007080	S.CER C1608 CH 1H 390J-T
C84	4030010760	S.CER C1608 CH 1H 331J-T
C85	4030011600	S.CER C1608 JB 1E 104K-T
C88	4030009000	S.CER C2012 JB 1C 224K-T
C89	4030007040	S.CER C1608 CH 1H 180J-T
C90	4030007040	S.CER C1608 CH 1H 180J-T
C91	4030011600	S.CER C1608 JB 1E 104K-T
C92	4030007110	S.CER C1608 CH 1H 680J-T
C93	4030007040	S.CER C1608 CH 1H 180J-T
C94	4030007120	S.CER C1608 CH 1H 820J-T
C95	4030007040	S.CER C1608 CH 1H 180J-T
C96	4030007090	S.CER C1608 CH 1H 470J-T
C97	4030007090	S.CER C1608 CH 1H 470J-T
C98	4030007090	S.CER C1608 CH 1H 470J-T
C99	4030011600	S.CER C1608 JB 1E 104K-T
C100	4030011280	S.CER C1608 CH 1H 271J-T
C101	4030011600	S.CER C1608 JB 1E 104K-T
C102	4030007100	S.CER C1608 CH 1H 560J-T
C103	4030007110	S.CER C1608 CH 1H 680J-T
C104	4030007100	S.CER C1608 CH 1H 560J-T
C105	4030011600	S.CER C1608 JB 1E 104K-T
C109	4030011600	S.CER C1608 JB 1E 104K-T
C110	4030011600	S.CER C1608 JB 1E 104K-T
C111	4030006880	S.CER C1608 JB 1H 472K-T
C112	4030006860	S.CER C1608 JB 1H 102K-T
C113	4030006980	S.CER C1608 CH 1H 070D-T
C114	4030009560	S.CER C1608 CH 1H R75B-T
C115	4030009920	S.CER C1608 CH 1H 050B-T
C116	4030009560	S.CER C1608 CH 1H R75B-T
C117	4030006980	S.CER C1608 CH 1H 070D-T
C118	4030006880	S.CER C1608 JB 1H 472K-T
C119	4030006860	S.CER C1608 JB 1H 102K-T
C120	4030011600	S.CER C1608 JB 1E 104K-T
C121	4030007040	S.CER C1608 CH 1H 180J-T
C122	4030006860	S.CER C1608 JB 1H 102K-T
C123	4030006860	S.CER C1608 JB 1H 102K-T
C124	4030006860	S.CER C1608 JB 1H 102K-T
C143	4030007090	S.CER C1608 CH 1H 470J-T
C144	4030007120	S.CER C1608 CH 1H 820J-T
C146	4030006860	S.CER C1608 JB 1H 102K-T
C150	4030006860	S.CER C1608 JB 1H 102K-T
C151	4030006860	S.CER C1608 JB 1H 102K-T
C152	4030011600	S.CER C1608 JB 1E 104K-T
C153	4030011600	S.CER C1608 JB 1E 104K-T
C154	4030011600	S.CER C1608 JB 1E 104K-T
C155	4030011600	S.CER C1608 JB 1E 104K-T
C156	4030006880	S.CER C1608 JB 1H 472K-T
C157	4030011600	S.CER C1608 JB 1E 104K-T
C161	4030011600	S.CER C1608 JB 1E 104K-T
C171	4030011600	S.CER C1608 JB 1E 104K-T
C172	4030011600	S.CER C1608 JB 1E 104K-T
C173	4030007010	S.CER C1608 CH 1H 100D-T
C174	4030011600	S.CER C1608 JB 1E 104K-T
C181	4030011600	S.CER C1608 JB 1E 104K-T
C182	4030011600	S.CER C1608 JB 1E 104K-T

[RF UNIT]

REF NO.	ORDER NO.	DESCRIPTION
C183	4030011600	S.CER C1608 JB 1E 104K-T
C185	4030011600	S.CER C1608 JB 1E 104K-T
C191	4030011600	S.CER C1608 JB 1E 104K-T
C192	4030011600	S.CER C1608 JB 1E 104K-T
C193	4030011600	S.CER C1608 JB 1E 104K-T
C194	4030011600	S.CER C1608 JB 1E 104K-T
C195	4030011600	S.CER C1608 JB 1E 104K-T
C196	4030011600	S.CER C1608 JB 1E 104K-T
C197	4030011600	S.CER C1608 JB 1E 104K-T
C198	4030009920	S.CER C1608 CH 1H 050B-T
		[EUR], [FRA], [DEN], [ITR], [ESP], [KOR] only
C201	4030007170	S.CER C1608 CH 1H 221J-T
C211	4030007100	S.CER C1608 CH 1H 560J-T
C212	4030007070	S.CER C1608 CH 1H 330J-T
C213	4030007120	S.CER C1608 CH 1H 820J-T
C214	4030007030	S.CER C1608 CH 1H 150J-T
C215	4030007100	S.CER C1608 CH 1H 560J-T
C216	4030011600	S.CER C1608 JB 1E 104K-T
C217	4030011600	S.CER C1608 JB 1E 104K-T
C218	4030011600	S.CER C1608 JB 1E 104K-T
C219	4030009530	S.CER C1608 CH 1H 030B-T
C220	4030006880	S.CER C1608 JB 1H 472K-T
C221	4030011600	S.CER C1608 JB 1E 104K-T
C222	4030007010	S.CER C1608 CH 1H 100D-T
C224	4030011600	S.CER C1608 JB 1E 104K-T
C225	4030006860	S.CER C1608 JB 1H 102K-T
C226	4030006860	S.CER C1608 JB 1H 102K-T
C228	4030006860	S.CER C1608 JB 1H 102K-T
C229	4030007020	S.CER C1608 CH 1H 120J-T
C230	4030007010	S.CER C1608 CH 1H 100D-T
C231	4030006880	S.CER C1608 JB 1H 472K-T
C232	4030011600	S.CER C1608 JB 1E 104K-T
C233	4030007040	S.CER C1608 CH 1H 180J-T
C234	4030007130	S.CER C1608 CH 1H 101J-T
C235	4030006860	S.CER C1608 JB 1H 102K-T
C236	4030007070	S.CER C1608 CH 1H 330J-T
C240	4030006860	S.CER C1608 JB 1H 102K-T
C241	4030006880	S.CER C1608 JB 1H 472K-T
C242	4030006860	S.CER C1608 JB 1H 102K-T
C243	4030006880	S.CER C1608 JB 1H 472K-T
C244	4030007020	S.CER C1608 CH 1H 120J-T
C245	4030006880	S.CER C1608 JB 1H 472K-T
C246	4030006880	S.CER C1608 JB 1H 472K-T
C247	4030006880	S.CER C1608 JB 1H 472K-T
C248	4030006880	S.CER C1608 JB 1H 472K-T
C249	4030007010	S.CER C1608 CH 1H 100D-T
C250	4030006860	S.CER C1608 JB 1H 102K-T
C251	4030006880	S.CER C1608 JB 1H 472K-T
C252	4030011770	S.CER C1608 CH 1H 060B-T
C253	4030006980	S.CER C1608 CH 1H 070D-T
C254	4030011770	S.CER C1608 CH 1H 060B-T
C255	4030006880	S.CER C1608 JB 1H 472K-T
C256	4030006880	S.CER C1608 JB 1H 472K-T
C257	4030006880	S.CER C1608 JB 1H 472K-T
C258	4030009910	S.CER C1608 CH 1H 040B-T
C261	4030011340	S.CER C1608 CH 1H 471J-T
C262	4030011330	S.CER C1608 CH 1H 391J-T
C263	4030007110	S.CER C1608 CH 1H 680J-T
C264	4030011330	S.CER C1608 CH 1H 391J-T
C265	4030006880	S.CER C1608 JB 1H 472K-T
C271	4030006880	S.CER C1608 JB 1H 472K-T
C272	4030006860	S.CER C1608 JB 1H 102K-T
C273	4030006860	S.CER C1608 JB 1H 102K-T
C275	4030011770	S.CER C1608 CH 1H 060B-T
C276	4030006880	S.CER C1608 JB 1H 472K-T
C277	4030006880	S.CER C1608 JB 1H 472K-T
C278	4030006880	S.CER C1608 JB 1H 472K-T
C286	4030011600	S.CER C1608 JB 1E 104K-T
C287	4030007060	S.CER C1608 CH 1H 270J-T
C288	4030011770	S.CER C1608 CH 1H 060B-T
C289	4030007030	S.CER C1608 CH 1H 150J-T
C290	4030011600	S.CER C1608 JB 1E 104K-T
C291	4030007030	S.CER C1608 CH 1H 150J-T
C292	4030007100	S.CER C1608 CH 1H 560J-T
C293	4030007100	S.CER C1608 CH 1H 560J-T
C296	4030006980	S.CER C1608 CH 1H 070D-T
C298	4030009920	S.CER C1608 CH 1H 050B-T
C300	4030006860	S.CER C1608 JB 1H 102K-T
C301	4030007080	S.CER C1608 CH 1H 390J-T
C302	4030007170	S.CER C1608 CH 1H 221J-T
C303	4030006880	S.CER C1608 JB 1H 472K-T
C304	4030011600	S.CER C1608 JB 1E 104K-T
C305	4030006860	S.CER C1608 JB 1H 102K-T
C306	4030007050	S.CER C1608 CH 1H 220J-T
C307	4030011770	S.CER C1608 CH 1H 060B-T
C308	4030007070	S.CER C1608 CH 1H 330J-T
C309	4030009520	S.CER C1608 CH 1H 020B-T
C310	4030006860	S.CER C1608 JB 1H 102K-T
C311	4030011600	S.CER C1608 JB 1E 104K-T
C312	4030006880	S.CER C1608 JB 1H 472K-T
C313	4030007070	S.CER C1608 CH 1H 330J-T
C314	4030007020	S.CER C1608 CH 1H 120J-T
C315	4030007090	S.CER C1608 CH 1H 470J-T
C316	4030009920	S.CER C1608 CH 1H 050B-T
C317	4030007080	S.CER C1608 CH 1H 390J-T
C318	4030006860	S.CER C1608 JB 1H 102K-T
C319	4030006860	S.CER C1608 JB 1H 102K-T
C320	4030006860	S.CER C1608 JB 1H 102K-T
C321	4030011600	S.CER C1608 JB 1E 104K-T
C322	4030011600	S.CER C1608 JB 1E 104K-T
C323	4030011600	S.CER C1608 JB 1E 104K-T
C324	4030011600	S.CER C1608 JB 1E 104K-T
C325	4030006860	S.CER C1608 JB 1H 102K-T
C326	4030006860	S.CER C1608 JB 1H 102K-T

[RF UNIT]

REF NO.	ORDER NO.	DESCRIPTION
C327	4030006860	S.CER C1608 JB 1H 102K-T
C328	4030006860	S.CER C1608 JB 1H 102K-T
C329	4030006860	S.CER C1608 JB 1H 102K-T
C330	4030006860	S.CER C1608 JB 1H 102K-T
C331	4030006860	S.CER C1608 JB 1H 102K-T
C401	4030006880	S.CER C1608 JB 1H 472K-T
C402	4030006860	S.CER C1608 JB 1H 102K-T
C403	4030006860	S.CER C1608 JB 1H 102K-T
C500	4030007130	S.CER C1608 CH 1H 101J-T
C501	4030007030	S.CER C1608 CH 1H 150J-T
C503	4030006860	S.CER C1608 JB 1H 102K-T
C504	4030006860	S.CER C1608 JB 1H 102K-T
C505	4030006860	S.CER C1608 JB 1H 102K-T
C507	4030006860	S.CER C1608 JB 1H 102K-T
C508	4030006860	S.CER C1608 JB 1H 102K-T
C509	4030006860	S.CER C1608 JB 1H 102K-T
C510	4030007020	S.CER C1608 CH 1H 120J-T
C511	4030006860	S.CER C1608 JB 1H 102K-T
C512	4030006860	S.CER C1608 JB 1H 102K-T
C513	4030009560	S.CER C1608 CH 1H R75B-T
C514	4030007030	S.CER C1608 CH 1H 150J-T
C515	4030006860	S.CER C1608 JB 1H 102K-T
C517	4030009500	S.CER C1608 CH 1H 0R5B-T
C518	4030007030	S.CER C1608 CH 1H 150J-T
C519	4030006860	S.CER C1608 JB 1H 102K-T
C521	4030006860	S.CER C1608 JB 1H 102K-T
C528	4030006860	S.CER C1608 JB 1H 102K-T
C529	4030006860	S.CER C1608 JB 1H 102K-T
C530	4030006860	S.CER C1608 JB 1H 102K-T
C541	4030006860	S.CER C1608 JB 1H 102K-T
C542	4030007090	S.CER C1608 CH 1H 470J-T
C543	4030006860	S.CER C1608 JB 1H 102K-T
C544	4030007090	S.CER C1608 CH 1H 470J-T
C545	4030006860	S.CER C1608 JB 1H 102K-T
C546	4030007090	S.CER C1608 CH 1H 470J-T
C547	4030006860	S.CER C1608 JB 1H 102K-T
C548	4030007090	S.CER C1608 CH 1H 470J-T
C550	4030007000	S.CER C1608 CH 1H 090D-T
C1001	4030006880	S.CER C1608 JB 1H 472K-T
C1002	4510008540	S.ELE EEE1CA100SR
C1003	4030006880	S.CER C1608 JB 1H 472K-T
C1004	4510008540	S.ELE EEE1CA100SR
C1008	4030006880	S.CER C1608 JB 1H 472K-T
C1010	4030006860	S.CER C1608 JB 1H 102K-T
C1011	4030006880	S.CER C1608 JB 1H 472K-T
C1012	4030006880	S.CER C1608 JB 1H 472K-T
C1013	4030006880	S.CER C1608 JB 1H 472K-T
C1014	4030006880	S.CER C1608 JB 1H 472K-T
C1031	4030006880	S.CER C1608 JB 1H 472K-T
C1032	4030006880	S.CER C1608 JB 1H 472K-T
C1051	4030006880	S.CER C1608 JB 1H 472K-T
C1052	4510008540	S.ELE EEE1CA100SR
C1053	4030006880	S.CER C1608 JB 1H 472K-T
C1054	4510008540	S.ELE EEE1CA100SR
C1055	4030006880	S.CER C1608 JB 1H 472K-T
C1057	4030006880	S.CER C1608 JB 1H 472K-T
C1059	4510008540	S.ELE EEE1CA100SR
C1075	4030006860	S.CER C1608 JB 1H 102K-T
C1081	4030011600	S.CER C1608 JB 1E 104K-T
C1082	4030006880	S.CER C1608 JB 1H 472K-T
C1083	4030007090	S.CER C1608 CH 1H 470J-T
C1101	4510008540	S.ELE EEE1CA100SR
C1102	4030011600	S.CER C1608 JB 1E 104K-T
C1103	4030011600	S.CER C1608 JB 1E 104K-T
C1104	4030011600	S.CER C1608 JB 1E 104K-T
C1105	4030011600	S.CER C1608 JB 1E 104K-T
C1106	4030011600	S.CER C1608 JB 1E 104K-T
C1107	4030011600	S.CER C1608 JB 1E 104K-T
C1108	4030011600	S.CER C1608 JB 1E 104K-T
C1109	4030011600	S.CER C1608 JB 1E 104K-T
C1110	4030011600	S.CER C1608 JB 1E 104K-T
C1111	4030011600	S.CER C1608 JB 1E 104K-T
C1112	4030011600	S.CER C1608 JB 1E 104K-T
C1113	4030011600	S.CER C1608 JB 1E 104K-T
C1114	4030011600	S.CER C1608 JB 1E 104K-T
C1115	4030011600	S.CER C1608 JB 1E 104K-T
C1116	4030011600	S.CER C1608 JB 1E 104K-T
C1117	4030011600	S.CER C1608 JB 1E 104K-T
C1118	4030011600	S.CER C1608 JB 1E 104K-T
C1119	4030006880	S.CER C1608 JB 1H 472K-T
C1120	4030011600	S.CER C1608 JB 1E 104K-T
C1121	4550006250	S.TAN TEESVA 1A 106M8R
C1122	4030006880	S.CER C1608 JB 1H 472K-T
C1131	4030011600	S.CER C1608 JB 1E 104K-T
C1141	4030006880	S.CER C1608 JB 1H 472K-T
C1151	4030006880	S.CER C1608 JB 1H 472K-T
C1155	4030007090	S.CER C1608 CH 1H 470J-T
C1161	4030006880	S.CER C1608 JB 1H 472K-T
C1162	4030006880	S.CER C1608 JB 1H 472K-T
C1163	4030006880	S.CER C1608 JB 1H 472K-T
C1164	4030006880	S.CER C1608 JB 1H 472K-T
C1165	4030006880	S.CER C1608 JB 1H 472K-T
C1166	4030006880	S.CER C1608 JB 1H 472K-T
C1167	4030006880	S.CER C1608 JB 1H 472K-T
C1191	4030011600	S.CER C1608 JB 1E 104K-T
C1202	4030007130	S.CER C1608 CH 1H 101J-T
C1203	4030006880	S.CER C1608 JB 1H 472K-T
C1204	4030011340	S.CER C1608 CH 1H 471J-T
C1205	4030006880	S.CER C1608 JB 1H 472K-T
C1206	4030009540	S.CER C1608 CH 1H 1R5B-T
C1207	4030006880	S.CER C1608 JB 1H 472K-T
C1208	4610001830	S.TRI TZB4S100AB10R00 (TZBX4N100BA110)
C1209	4030007020	S.CER C1608 CH 1H 120J-T
C1211	4030006860	S.CER C1608 JB 1H 102K-T

[RF UNIT]

REF NO.	ORDER NO.	DESCRIPTION
C1222	4030010760	S.CER C1608 CH 1H 331J-T
C1223	4030006880	S.CER C1608 JB 1H 472K-T
C1224	4030011340	S.CER C1608 CH 1H 471J-T
C1225	4030006880	S.CER C1608 JB 1H 472K-T
C1226	4030009540	S.CER C1608 CH 1H 1R5B-T
C1227	4030006880	S.CER C1608 JB 1H 472K-T
C1228	4610001830	S.TRI TZB4S100AB10R00 (TZBX4N100BA110)
C1229	4030009920	S.CER C1608 CH 1H 050B-T
C1231	4030006860	S.CER C1608 JB 1H 102K-T
C1242	4030007080	S.CER C1608 CH 1H 390J-T
C1243	4030006880	S.CER C1608 JB 1H 472K-T
C1244	4030011340	S.CER C1608 CH 1H 471J-T
C1245	4030006880	S.CER C1608 JB 1H 472K-T
C1246	4030009540	S.CER C1608 CH 1H 1R5B-T
C1247	4030006880	S.CER C1608 JB 1H 472K-T
C1248	4610001830	S.TRI TZB4S100AB10R00 (TZBX4N100BA110)
C1249	4030006990	S.CER C1608 CH 1H 080D-T
C1251	4030006860	S.CER C1608 JB 1H 102K-T
C1262	4030007060	S.CER C1608 CH 1H 270J-T
C1263	4030006880	S.CER C1608 JB 1H 472K-T
C1264	4030011340	S.CER C1608 CH 1H 471J-T
C1265	4030006880	S.CER C1608 JB 1H 472K-T
C1266	4030009510	S.CER C1608 CH 1H 010B-T
C1267	4030006880	S.CER C1608 JB 1H 472K-T
C1268	4610001860	S.TRI TZB4Z060AB10R00 (TZBX4Z060BA110)
C1269	4030009530	S.CER C1608 CH 1H 030B-T
C1271	4030006860	S.CER C1608 JB 1H 102K-T
C1281	4030006880	S.CER C1608 JB 1H 472K-T
C1282	4030006880	S.CER C1608 JB 1H 472K-T
C1284	4030006880	S.CER C1608 JB 1H 472K-T
C1291	4030007060	S.CER C1608 CH 1H 270J-T
C1292	4030007120	S.CER C1608 CH 1H 820J-T
C1293	4030007080	S.CER C1608 CH 1H 390J-T
C1301	4030007070	S.CER C1608 CH 1H 330J-T
C1302	4030009910	S.CER C1608 CH 1H 040B-T
C1303	4610001850	S.TRI TZB4R200AB10R00 (TZBX4R200BA110)
C1304	4030016550	S.CER CM105 CH 151G 50AT
C1305	4510008540	S.ELE EEE1CA100SR
C1306	4030006880	S.CER C1608 JB 1H 472K-T
C1307	4030006880	S.CER C1608 JB 1H 472K-T
C1308	4030016550	S.CER CM105 CH 151G 50AT
C1309	4030016550	S.CER CM105 CH 151G 50AT
C1310	4030007010	S.CER C1608 CH 1H 100D-T
C1311	4030006880	S.CER C1608 JB 1H 472K-T
C1312	4030011600	S.CER C1608 JB 1E 104K-T
C1408	4030006880	S.CER C1608 JB 1H 472K-T
C1409	4030006880	S.CER C1608 JB 1H 472K-T
C1410	4030006880	S.CER C1608 JB 1H 472K-T
C1411	4030006880	S.CER C1608 JB 1H 472K-T
C1412	4030006880	S.CER C1608 JB 1H 472K-T
C1422	4030007040	S.CER C1608 CH 1H 180J-T
C1423	4030007030	S.CER C1608 CH 1H 150J-T
C1424	4030007060	S.CER C1608 CH 1H 270J-T
C1425	4030007130	S.CER C1608 CH 1H 101J-T
C1426	4030006880	S.CER C1608 JB 1H 472K-T
C1427	4030006880	S.CER C1608 JB 1H 472K-T
C1428	4030007120	S.CER C1608 CH 1H 820J-T
C1429	4030007130	S.CER C1608 CH 1H 101J-T
C1501	4030006880	S.CER C1608 JB 1H 472K-T
C1502	4030006880	S.CER C1608 JB 1H 472K-T
C1503	4030006880	S.CER C1608 JB 1H 472K-T
C1520	4030006860	S.CER C1608 JB 1H 102K-T
C1521	4030006880	S.CER C1608 JB 1H 472K-T
C1522	4030007030	S.CER C1608 CH 1H 150J-T
C1523	4030007070	S.CER C1608 CH 1H 330J-T
C1524	4030007000	S.CER C1608 CH 1H 090D-T
C1525	4030007030	S.CER C1608 CH 1H 150J-T
C1526	4030009530	S.CER C1608 CH 1H 030B-T
C1527	4030007050	S.CER C1608 CH 1H 220J-T
C1528	4030009920	S.CER C1608 CH 1H 050B-T
C1529	4030007030	S.CER C1608 CH 1H 150J-T
C1530	4030007130	S.CER C1608 CH 1H 101J-T
C1531	4030007040	S.CER C1608 CH 1H 180J-T
C1561	4030006880	S.CER C1608 JB 1H 472K-T
C1562	4030007080	S.CER C1608 CH 1H 390J-T
C1563	4030007010	S.CER C1608 CH 1H 100D-T
C1564	4030007080	S.CER C1608 CH 1H 390J-T
C1565	4030006980	S.CER C1608 CH 1H 070D-T
C1567	4030007060	S.CER C1608 CH 1H 270J-T
C1581	4030006880	S.CER C1608 JB 1H 472K-T
C1582	4030007070	S.CER C1608 CH 1H 330J-T
C1583	4030006980	S.CER C1608 CH 1H 070D-T
C1584	4030007060	S.CER C1608 CH 1H 270J-T
C1585	4030009920	S.CER C1608 CH 1H 050B-T
C1586	4030007050	S.CER C1608 CH 1H 220J-T
C1587	4030007070	S.CER C1608 CH 1H 330J-T
C1601	4510008540	S.ELE EEE1CA100SR
C1602	4030011600	S.CER C1608 JB 1E 104K-T
C1603	4030011600	S.CER C1608 JB 1E 104K-T
C1604	4030011600	S.CER C1608 JB 1E 104K-T
C1605	4030011600	S.CER C1608 JB 1E 104K-T
C1606	4030006880	S.CER C1608 JB 1H 472K-T
C1607	4030011600	S.CER C1608 JB 1E 104K-T
C1608	4030011600	S.CER C1608 JB 1E 104K-T
C1609	4030011340	S.CER C1608 CH 1H 471J-T
C1610	4030007120	S.CER C1608 CH 1H 820J-T
C1611	4030009580	S.CER C1608 JB 1H 681K-T
C1612	4030007070	S.CER C1608 CH 1H 330J-T
C1613	4030010040	S.CER C1608 JB 1H 561K-T
C1615	4030011280	S.CER C1608 CH 1H 271J-T
C1616	4030006860	S.CER C1608 JB 1H 102K-T
C1617	4030011280	S.CER C1608 CH 1H 271J-T
C1630	4030011600	S.CER C1608 JB 1E 104K-T
C1801	4030006880	S.CER C1608 JB 1H 472K-T

[RF UNIT]

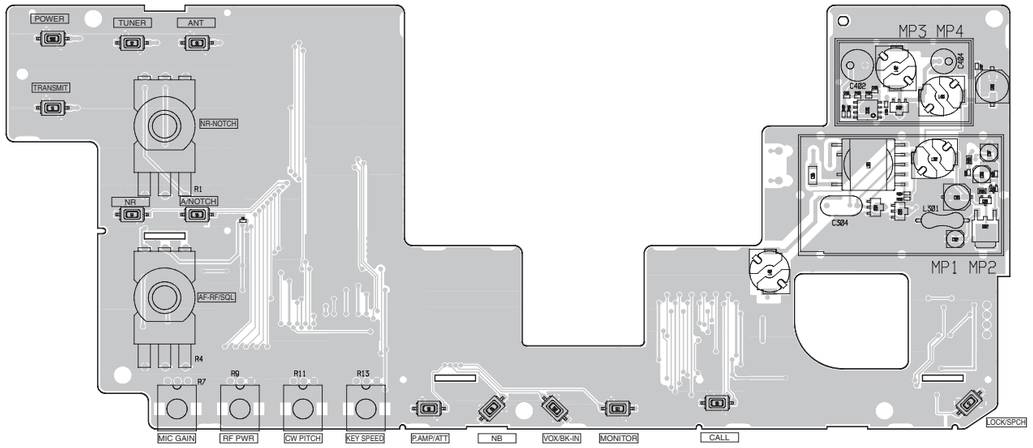
REF NO.	ORDER NO.	DESCRIPTION		
C1802	4030006880	S.CER	C1608 JB 1H 472K-T	
C1803	4030007010	S.CER	C1608 CH 1H 100D-T	
C1804	4030007060	S.CER	C1608 CH 1H 270J-T	
C1805	4030007040	S.CER	C1608 CH 1H 180J-T	
C1806	4030006880	S.CER	C1608 JB 1H 472K-T	
C1807	4030007130	S.CER	C1608 CH 1H 101J-T	
C1809	4030011600	S.CER	C1608 JB 1E 104K-T	
C1810	4030011600	S.CER	C1608 JB 1E 104K-T	
C1811	4550006480	S.TAN	TEESVA 1C 475M8R	
C1812	4560000160	CER	D33Y5V 1H 103Z21 (MARUWA)	
C1814	4030007030	S.CER	C1608 CH 1H 150J-T	
C1816	4030006880	S.CER	C1608 JB 1H 472K-T	
C1817	4030006880	S.CER	C1608 JB 1H 472K-T	
C1818	4030011340	S.CER	C1608 CH 1H 471J-T	
C1819	4030007100	S.CER	C1608 CH 1H 560J-T	
C1820	4030009580	S.CER	C1608 JB 1H 681K-T	
C1856	4030011340	S.CER	C1608 CH 1H 471J-T	
C1857	4550006480	S.TAN	TEESVA 1C 475M8R	
C1858	4030011600	S.CER	C1608 JB 1E 104K-T	
C1904	4030008070	S.CER	C1608 TH 1H 470J-T	
C1905	4030006880	S.CER	C1608 JB 1H 472K-T	
C1906	4030006880	S.CER	C1608 JB 1H 472K-T	
C1908	4030006880	S.CER	C1608 JB 1H 472K-T	
C1909	4030008070	S.CER	C1608 TH 1H 470J-T	
C1916	4030006880	S.CER	C1608 JB 1H 472K-T	
C1917	4030006880	S.CER	C1608 JB 1H 472K-T	
C1918	4030006880	S.CER	C1608 JB 1H 472K-T	
C1919	4030006880	S.CER	C1608 JB 1H 472K-T	
C1920	4030007170	S.CER	C1608 CH 1H 221J-T	
C1921	4030007050	S.CER	C1608 CH 1H 220J-T	
C1922	4030006880	S.CER	C1608 JB 1H 472K-T	
C1923	4030009510	S.CER	C1608 CH 1H 010B-T	
C1924	4030007050	S.CER	C1608 CH 1H 220J-T	
C1925	4030006880	S.CER	C1608 JB 1H 472K-T	
C1926	4030006880	S.CER	C1608 JB 1H 472K-T	
C1927	4030006880	S.CER	C1608 JB 1H 472K-T	
C1928	4030006880	S.CER	C1608 JB 1H 472K-T	
C1931	4030011600	S.CER	C1608 JB 1E 104K-T	
C2004	4030006860	S.CER	C1608 JB 1H 102K-T	
C2005	4510008540	S.ELE	EEE1CA100SR	
RL1	6330001320	RLY	AHY103	
J1	6510007020	CNR	TMP-J01X-V6	
J2	6510022591	S.CNR	22FMN-BMTTR-A-TBT (LF) (SN)	
J121	6510007020	CNR	TMP-J01X-V6	
J151	6510007020	CNR	TMP-J01X-V6	
J262	6510007020	CNR	TMP-J01X-V6	
J401	6450001491	CNR	HLJ7001-016010	
J1001	6510022591	S.CNR	22FMN-BMTTR-A-TBT (LF) (SN)	
W2	7030008240	S.RES	ERJ12Y0R00U	
W151	7030003860	S.RES	ERJ3GE JPW V	
W201	7030003860	S.RES	ERJ3GE JPW V	
W213	7120000490	JMP	ERD25T0	[DEN], [KOR] only
W221	7030003860	S.RES	ERJ3GE JPW V	
W222	7030003860	S.RES	ERJ3GE JPW V	
W223	7030003860	S.RES	ERJ3GE JPW V	
W224	7030003860	S.RES	ERJ3GE JPW V	
W225	7030003860	S.RES	ERJ3GE JPW V	
W231	7030003860	S.RES	ERJ3GE JPW V	
W241	7030008240	S.RES	ERJ12Y0R00U	
W242	7030003860	S.RES	ERJ3GE JPW V	
W243	7030003860	S.RES	ERJ3GE JPW V	
W252	7120000490	JMP	ERD25T0	[DEN], [KOR] only
W254	7120000470	JMP	ERDS2T0	
W255	7030003860	S.RES	ERJ3GE JPW V	
W256	7030003860	S.RES	ERJ3GE JPW V	
W257	7030003860	S.RES	ERJ3GE JPW V	
W271	7030003860	S.RES	ERJ3GE JPW V	
W302	7030008240	S.RES	ERJ12Y0R00U	
W303	7030008240	S.RES	ERJ12Y0R00U	
W304	7030008240	S.RES	ERJ12Y0R00U	
W305	7030003860	S.RES	ERJ3GE JPW V	
W306	7030008240	S.RES	ERJ12Y0R00U	
W307	7030003860	S.RES	ERJ3GE JPW V	
W502	7030003860	S.RES	ERJ3GE JPW V	
W520	7030003860	S.RES	ERJ3GE JPW V	
W521	7030003860	S.RES	ERJ3GE JPW V	
W532	7030003860	S.RES	ERJ3GE JPW V	
W533	7030003860	S.RES	ERJ3GE JPW V	
W536	7030008240	S.RES	ERJ12Y0R00U	
W537	7030008240	S.RES	ERJ12Y0R00U	
W1001	7030009300	S.RES	ERJ1WY0R00U	
W1002	7030009300	S.RES	ERJ1WY0R00U	
W1003	7030009300	S.RES	ERJ1WY0R00U	
W1004	7030009300	S.RES	ERJ1WY0R00U	
W1081	7030003860	S.RES	ERJ3GE JPW V	
W1082	7030003860	S.RES	ERJ3GE JPW V	
W1403	7030003860	S.RES	ERJ3GE JPW V	
W1404	7030003860	S.RES	ERJ3GE JPW V	
W1405	7030003860	S.RES	ERJ3GE JPW V	
W1406	7030003860	S.RES	ERJ3GE JPW V	
W1407	7030003860	S.RES	ERJ3GE JPW V	
W1408	7030003860	S.RES	ERJ3GE JPW V	
W1601	7030003860	S.RES	ERJ3GE JPW V	
W1604	7030003860	S.RES	ERJ3GE JPW V	
W1605	7030003860	S.RES	ERJ3GE JPW V	
W1902	7030003860	S.RES	ERJ3GE JPW V	
W2001	7030003860	S.RES	ERJ3GE JPW V	

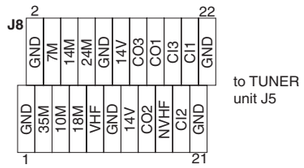
[RF UNIT]

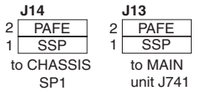
REF NO.	ORDER NO.	DESCRIPTION	
EP4	6910012350	S.BEA	MMZ1608Y 102BT
EP5	6910012350	S.BEA	MMZ1608Y 102BT
EP6	6910012350	S.BEA	MMZ1608Y 102BT
EP7	6910012350	S.BEA	MMZ1608Y 102BT
EP8	6910012350	S.BEA	MMZ1608Y 102BT
EP9	6910012350	S.BEA	MMZ1608Y 102BT
EP10	6910012350	S.BEA	MMZ1608Y 102BT
EP11	6910012350	S.BEA	MMZ1608Y 102BT
EP120	6910012350	S.BEA	MMZ1608Y 102BT
EP150	6910012350	S.BEA	MMZ1608Y 102BT
EP180	6910012350	S.BEA	MMZ1608Y 102BT
EP214	6910012350	S.BEA	MMZ1608Y 102BT
EP216	6910012350	S.BEA	MMZ1608Y 102BT
EP217	6910012350	S.BEA	MMZ1608Y 102BT
EP242	6910012350	S.BEA	MMZ1608Y 102BT
EP301	6910012350	S.BEA	MMZ1608Y 102BT
EP302	6910012350	S.BEA	MMZ1608Y 102BT
EP303	6910012350	S.BEA	MMZ1608Y 102BT
EP304	6910012350	S.BEA	MMZ1608Y 102BT
EP305	6910012350	S.BEA	MMZ1608Y 102BT
EP306	6910012350	S.BEA	MMZ1608Y 102BT
EP358	6910012350	S.BEA	MMZ1608Y 102BT
EP401	6910012350	S.BEA	MMZ1608Y 102BT
EP402	6910012350	S.BEA	MMZ1608Y 102BT
EP501	6910012350	S.BEA	MMZ1608Y 102BT
EP502	6910012350	S.BEA	MMZ1608Y 102BT
EP503	6910012350	S.BEA	MMZ1608Y 102BT
EP504	6910012350	S.BEA	MMZ1608Y 102BT
EP510	6910012350	S.BEA	MMZ1608Y 102BT
EP548	6910012350	S.BEA	MMZ1608Y 102BT
EP549	6910012350	S.BEA	MMZ1608Y 102BT
EP1010	6910012350	S.BEA	MMZ1608Y 102BT
EP1031	6910012350	S.BEA	MMZ1608Y 102BT
EP1081	6910012350	S.BEA	MMZ1608Y 102BT
EP1082	6910012350	S.BEA	MMZ1608Y 102BT
EP1201	6910012350	S.BEA	MMZ1608Y 102BT
EP1221	6910012350	S.BEA	MMZ1608Y 102BT
EP1241	6910012350	S.BEA	MMZ1608Y 102BT
EP1242	6910012350	S.BEA	MMZ1608Y 102BT
EP1261	6910012350	S.BEA	MMZ1608Y 102BT
EP1401	6910012350	S.BEA	MMZ1608Y 102BT
EP1501	6910012350	S.BEA	MMZ1608Y 102BT
EP1502	6910012350	S.BEA	MMZ1608Y 102BT

BOARD LAYOUTS

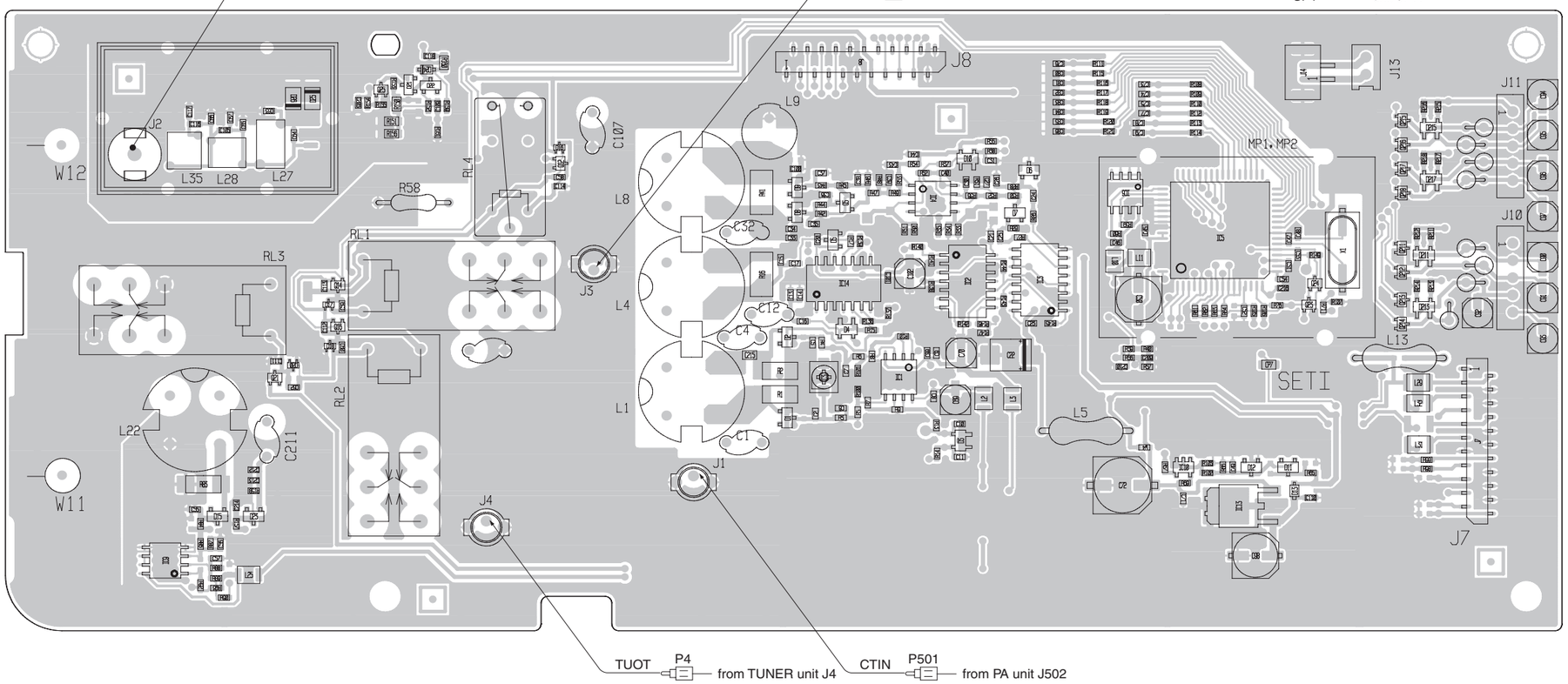
• **S-LOGIC UNIT (TOP VIEW)**

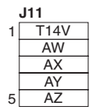


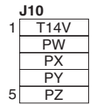


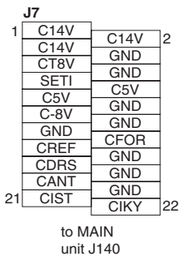


• **CTRL UNIT (TOP VIEW)**



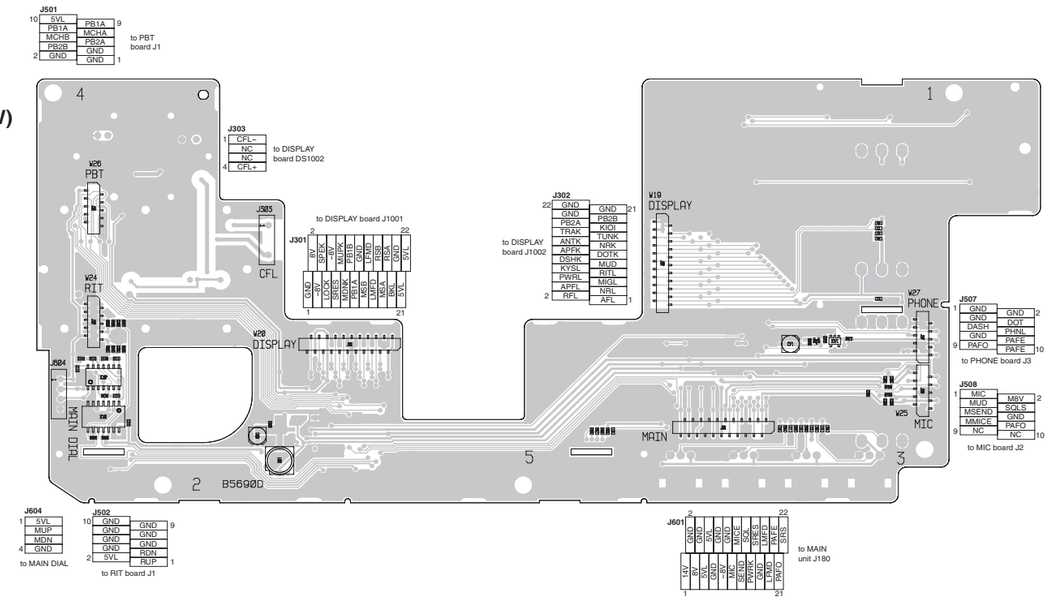




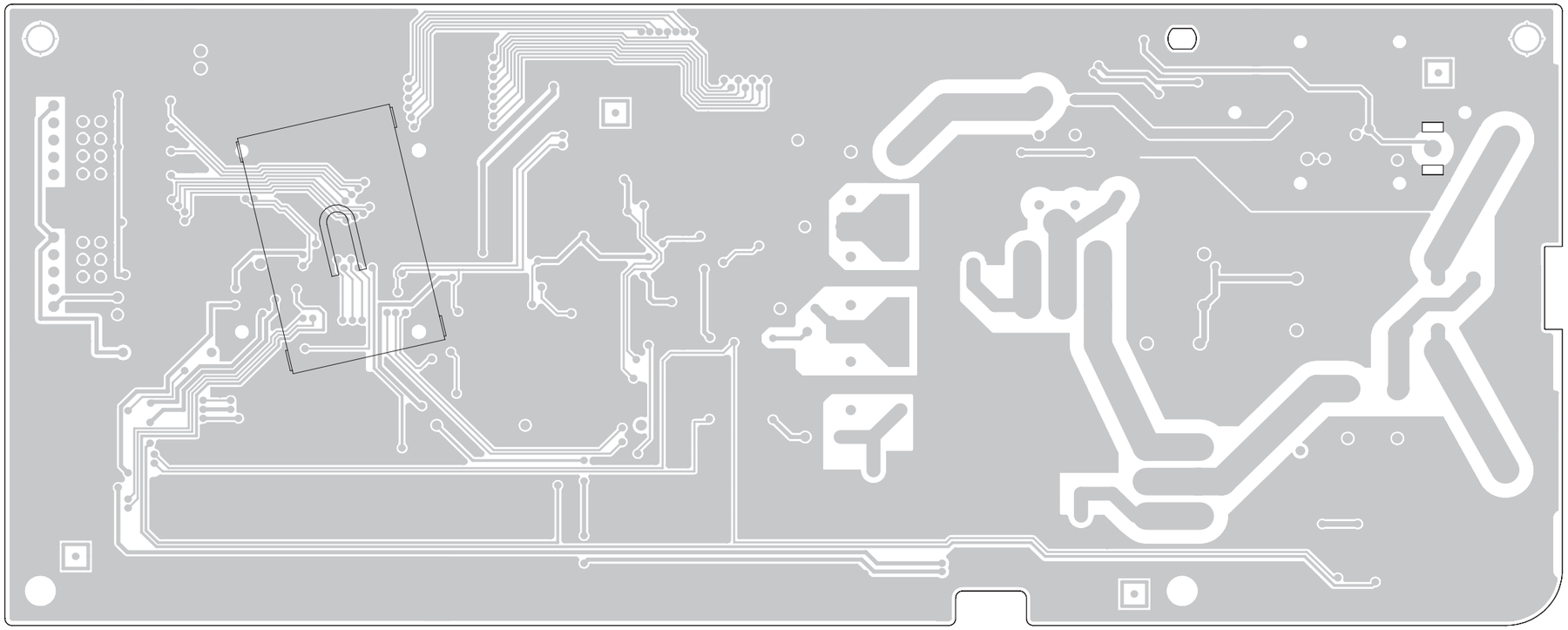


The combination of this side and the bottom side shows the board layout in the same configuration as the actual P.C.Board.

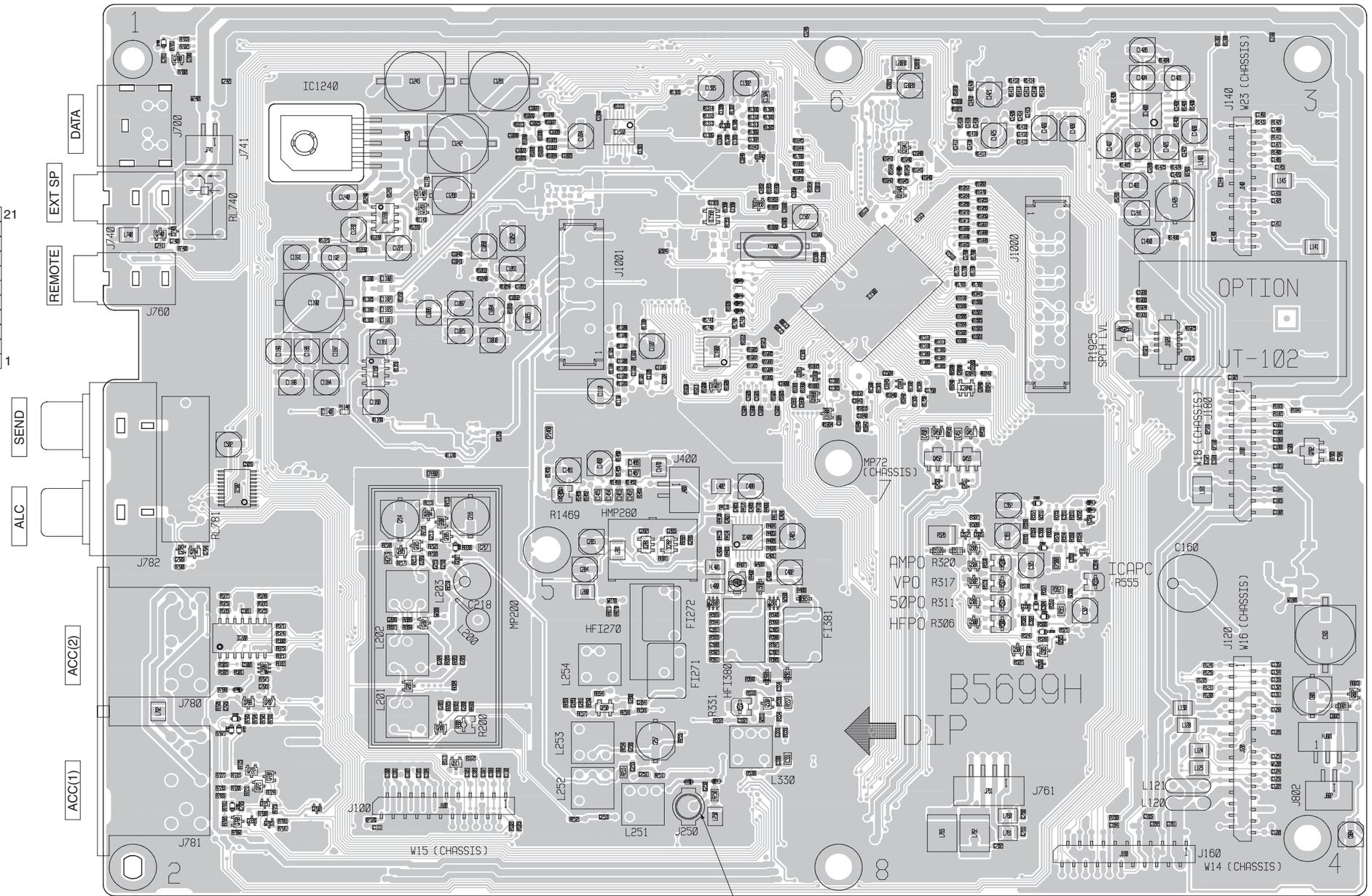
• **S-LOGIC UNIT (BOTTOM VIEW)**



• **CTRL UNIT (BOTTOM VIEW)**



• **MAIN UNIT (TOP VIEW)**



J741

2	1
PAFE	SSP

to CTRL unit J13

J1001

22	GND	DTIF	21
	GND	GND	
	DRAF	GND	
	GND	GND	
	MONI	DAGC	
	GND	GND	
	8V	8V	
	GND	GND	
	GND	DTAF	
	GND	GND	
2	DRIF	GND	1

to DSP unit J901

J400

1	3LO
2	GND

to RF unit J1601

J140

1	CIKY	CIST	2
	GND	CANT	
	GND	CDRS	
	GND	CREF	
	CFOR	GND	
	GND	C−8V	
	GND	C5V	
	C5V	NC	
	GND	CT8V	
	GND	C14V	
21	C14V	C14V	22

to CTRL unit J7

J1000

1	GND	NC	2
	GND	GND	
	DRQW	DWBY	
	DCK	DDTW	
	GND	GND	
	DRQR	DDTR	
	DRBY	DSTR	
	GND	GND	
	CTFL	NSQL	
	TOFF	RTDT	
	VSQL	DCBY	
	NC	NC	
	GND	GND	
	DSKY	DSST	
29	DRES	GND	30

to DSP unit J902

J1920

2	SSTB	MDAT_UT	1
	MCK_UT	SBSY	
	SPCE	5VL	
8	SPCH	GND	7

to optional unit UT-102

J180

1	FSPS	PAFO	2
	PAFE	FLFM	
	FLMF	GND	
	FDRS	FPWK	
	SQL	SEND	
	MICE	MIC	
	GND	−8V	
	GND	GND	
	5VL	5VL	
	GND	8V	
21	GND	14V	22

to S-LOGIC board J601

J120

1	PPWS	PDRS	2
	PFSB	PMDT	
	PMCK	P5V	
	P5V	PH5V	
	THML	P8V	
	P8V	GND	
	PT8V	GND	
	PVRF	FVFR	
	GND	PGND	
	PICL	PICH	
	P14A	P14A	
	P14V	P14V	
	P14V	P14V	
	P14V	P14V	
29	P14V	PHV	30

to PA unit J5

J100

21	14V	8V	T8V	R8V	5V	ALC	TNV2	RTXS	DRIV	RBST	1 RMCK
	−8V	GND	GND	GND	GND	AGC	TNV1	RSKY	RDRS	RMDT	2
22											

to RF unit J2

J761

4	EGND	E14V	1
	EST	EKY	

to CHASSIS J1

2IF — P261 — from RF unit J261

J160

21	PCK	PST5	PST3	PST1	GND	GND	5V	GND	8V	14V	1 FCNT
	CON2	PDAT	PST4	PST2	LDRS	UNLC	GND	5V	8V	GND	14V
22											2

to RF unit J1001

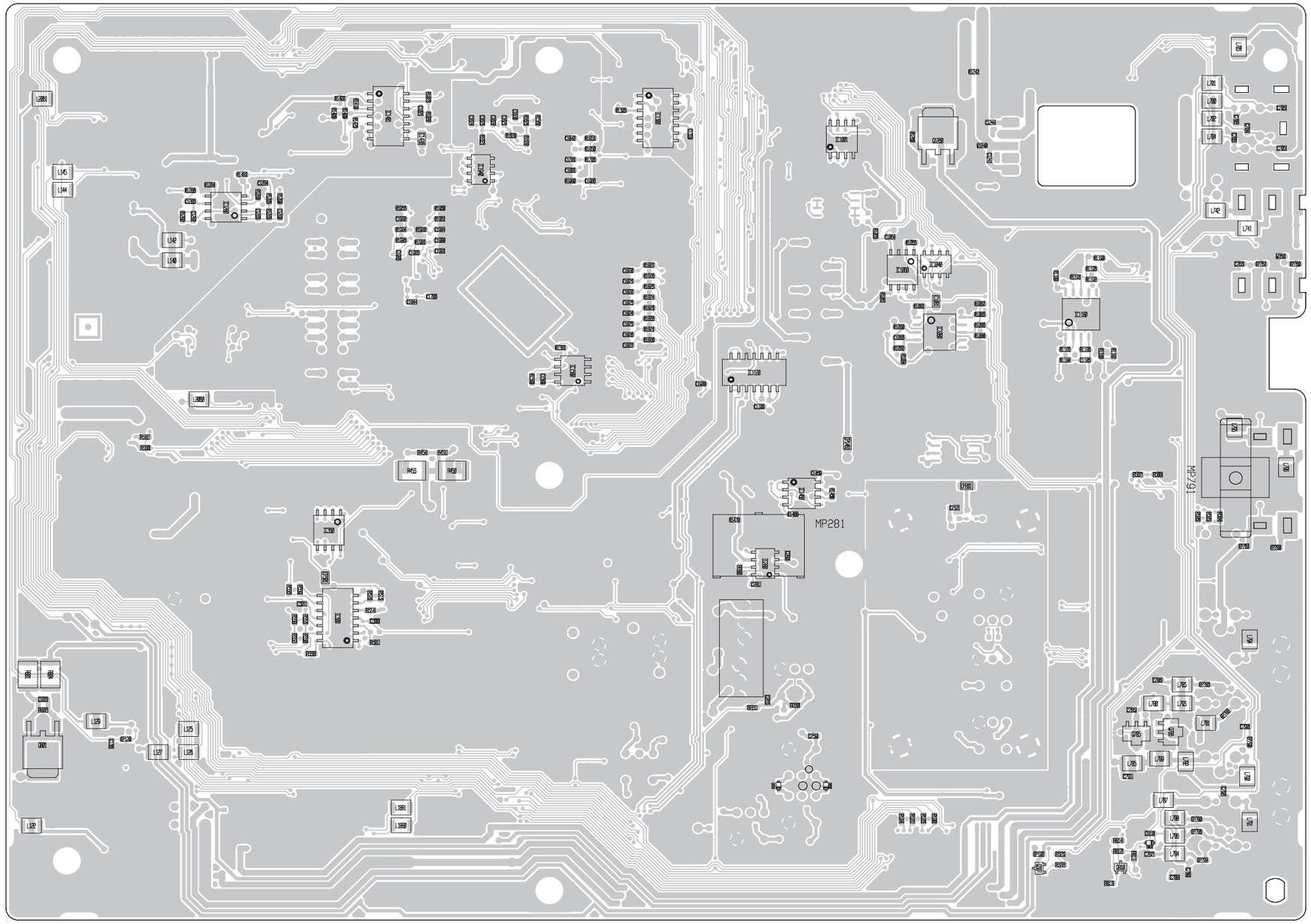
J802

2	1
GND	MF+

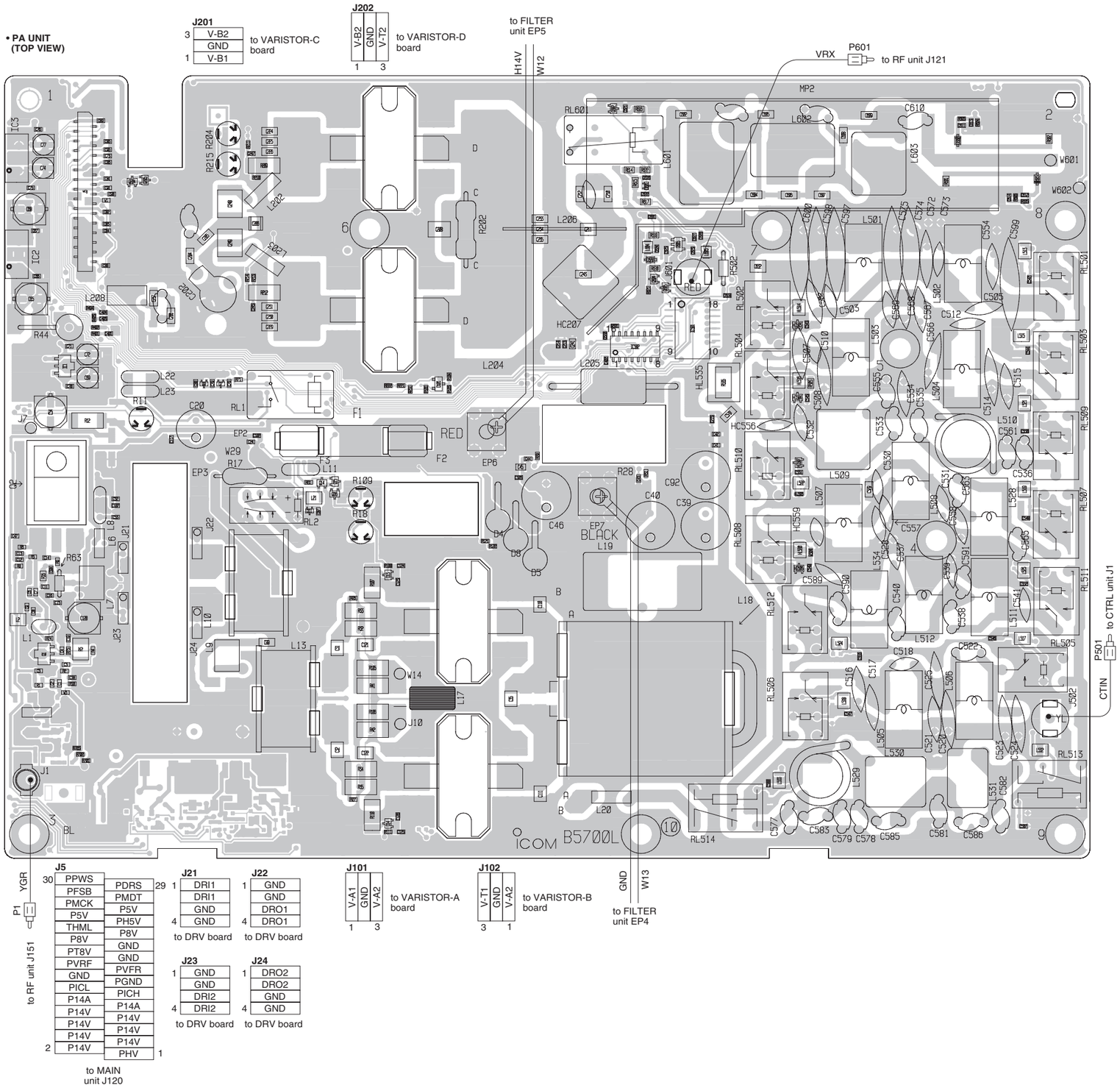
to CHASSIS MF1

The combination of this side and the bottom side shows the board layout in the same configuration as the actual P.C.Board.

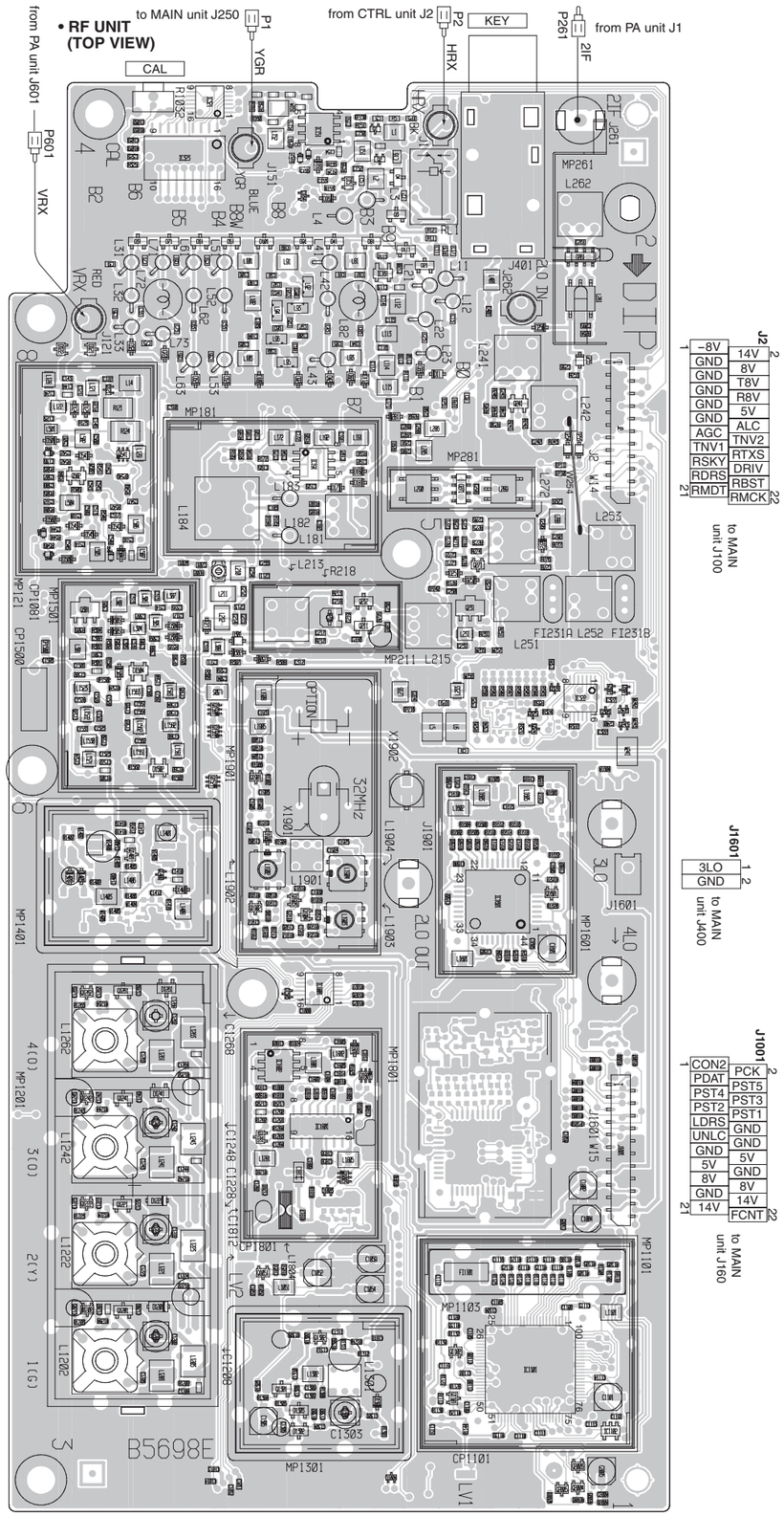
• **MAIN UNIT (BOTTOM VIEW)**



• PA UNIT
(TOP VIEW)

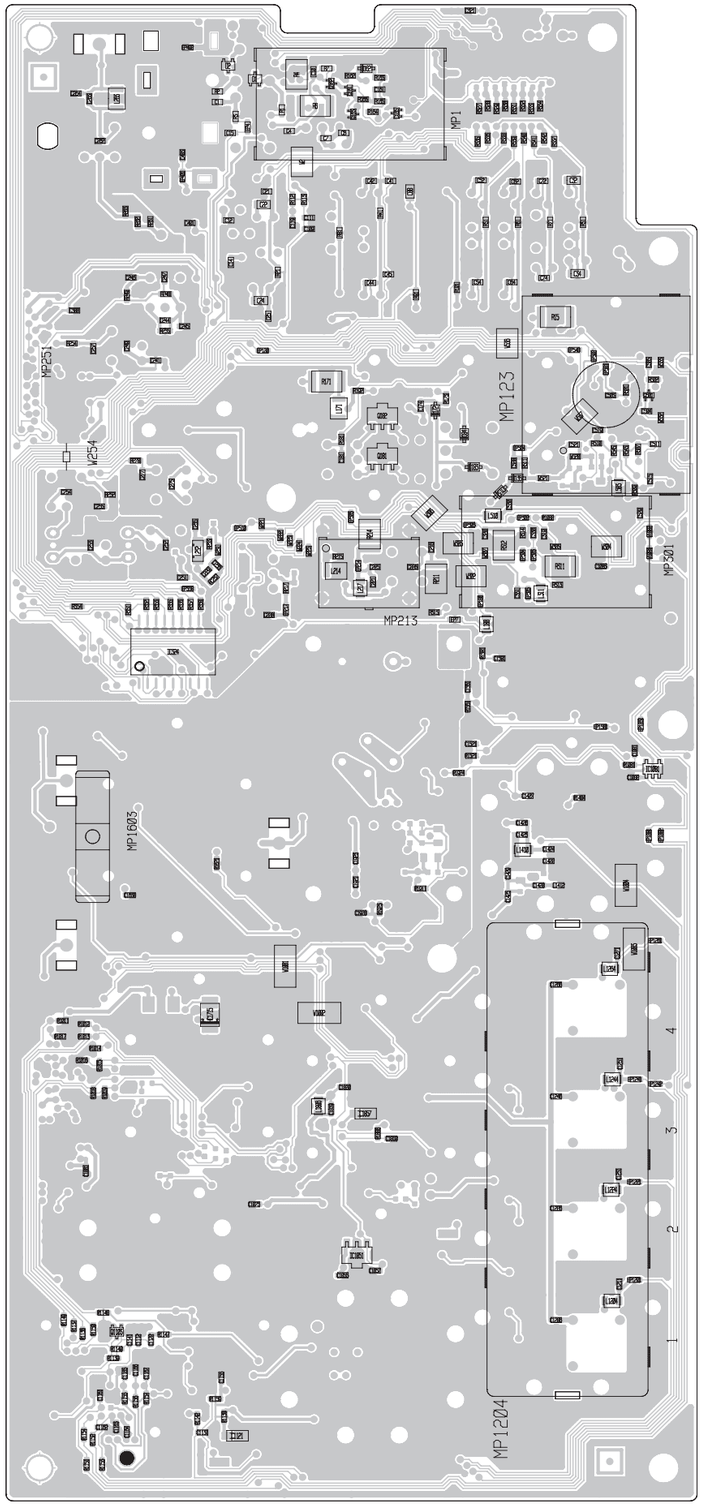


• RF UNIT
(TOP VIEW)

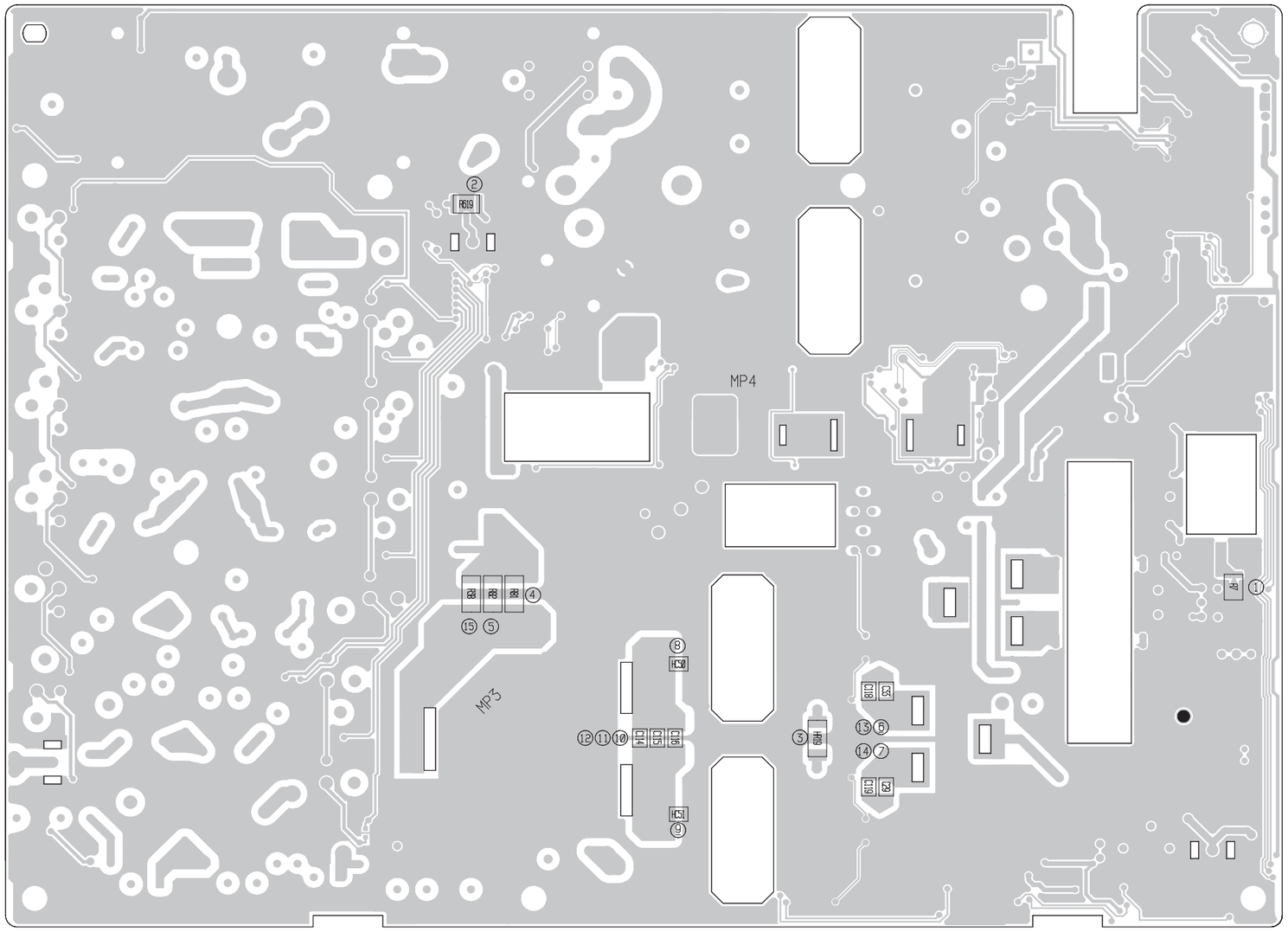


The combination of this side and the bottom side shows the board layout in the same configuration as the actual P.C.Board.

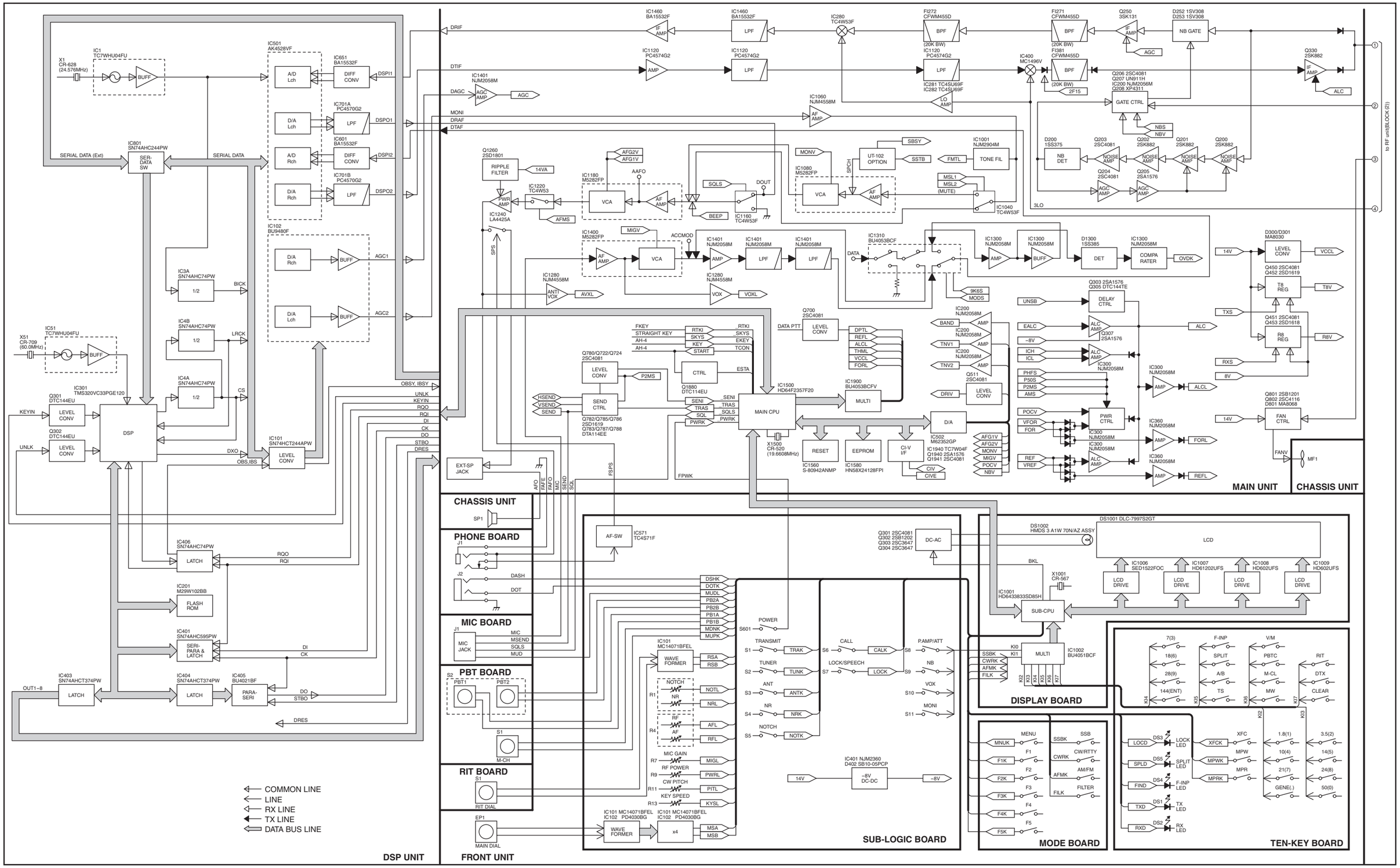
• **RF UNIT**
(BOTTOM VIEW)

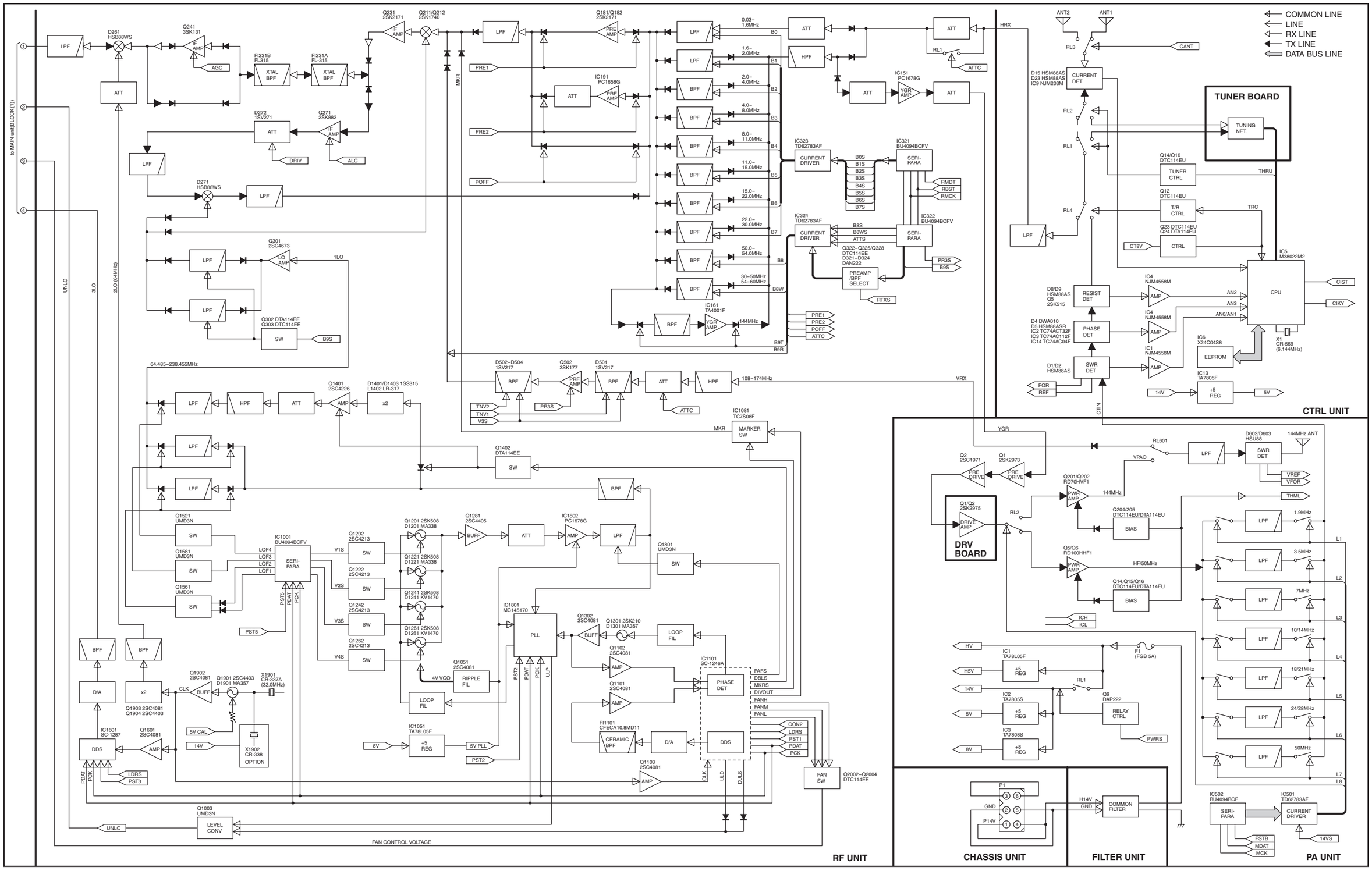


• **PA UNIT**
(BOTTOM VIEW)



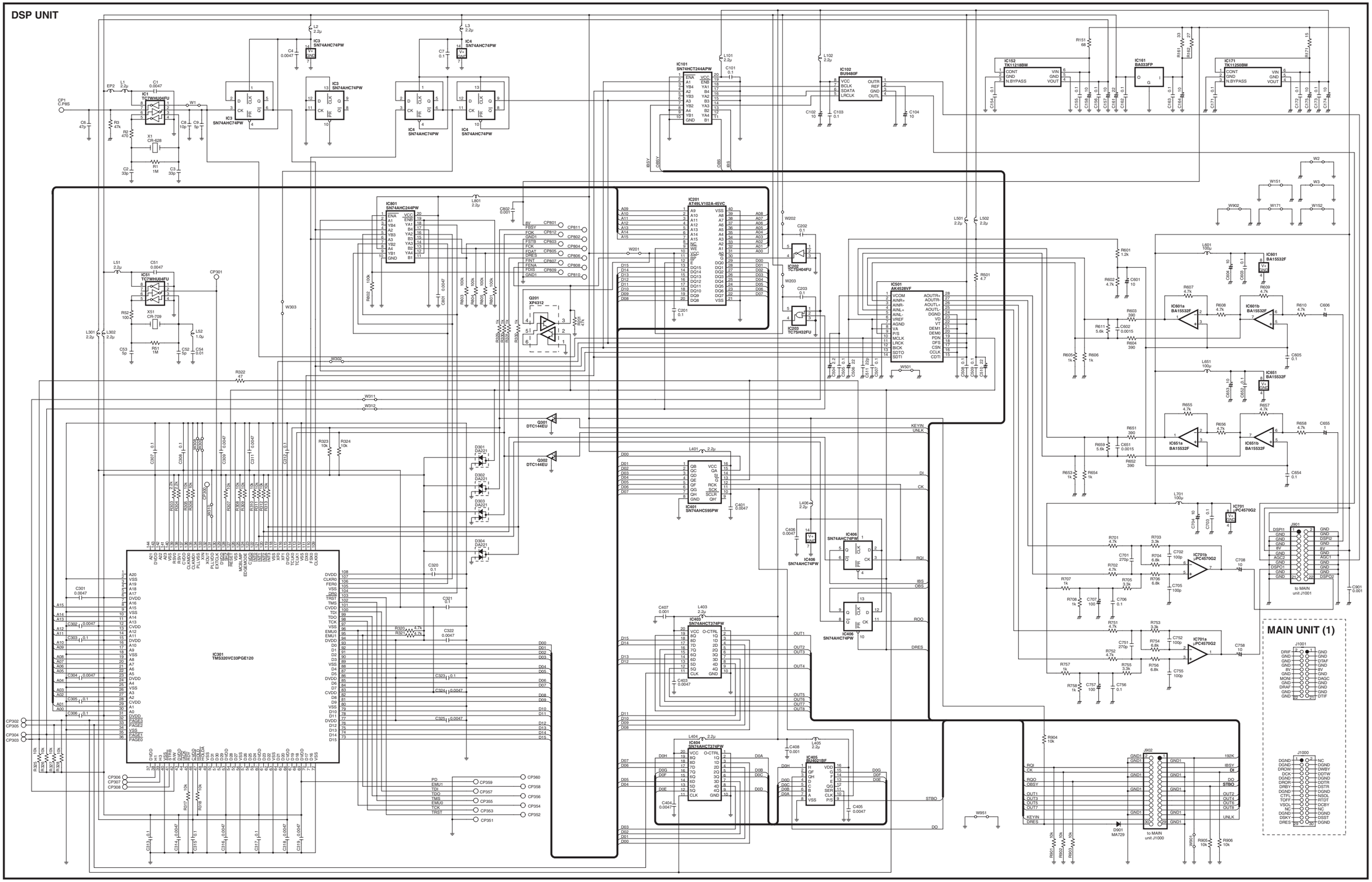
BLOCK DIAGRAM

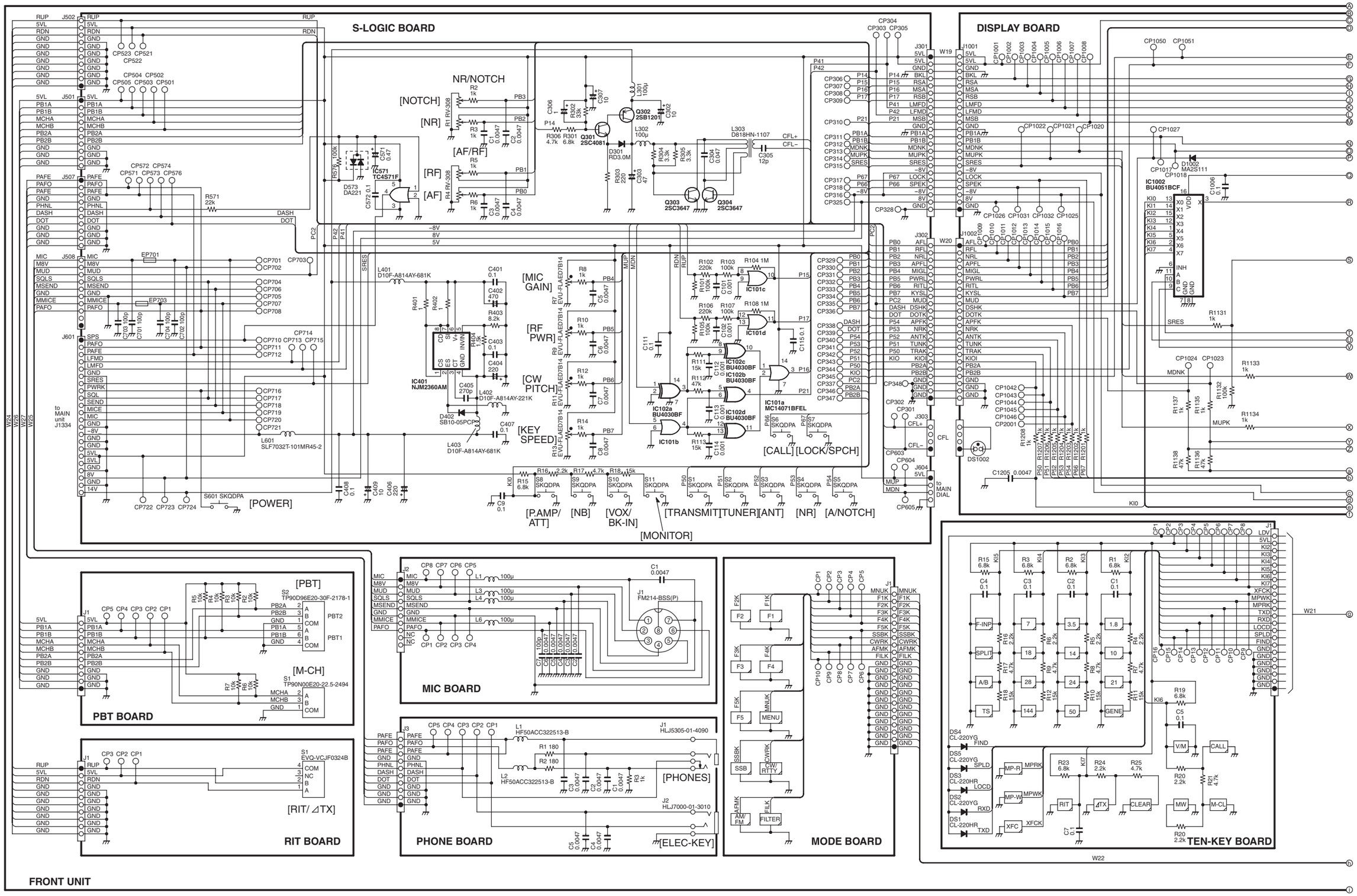


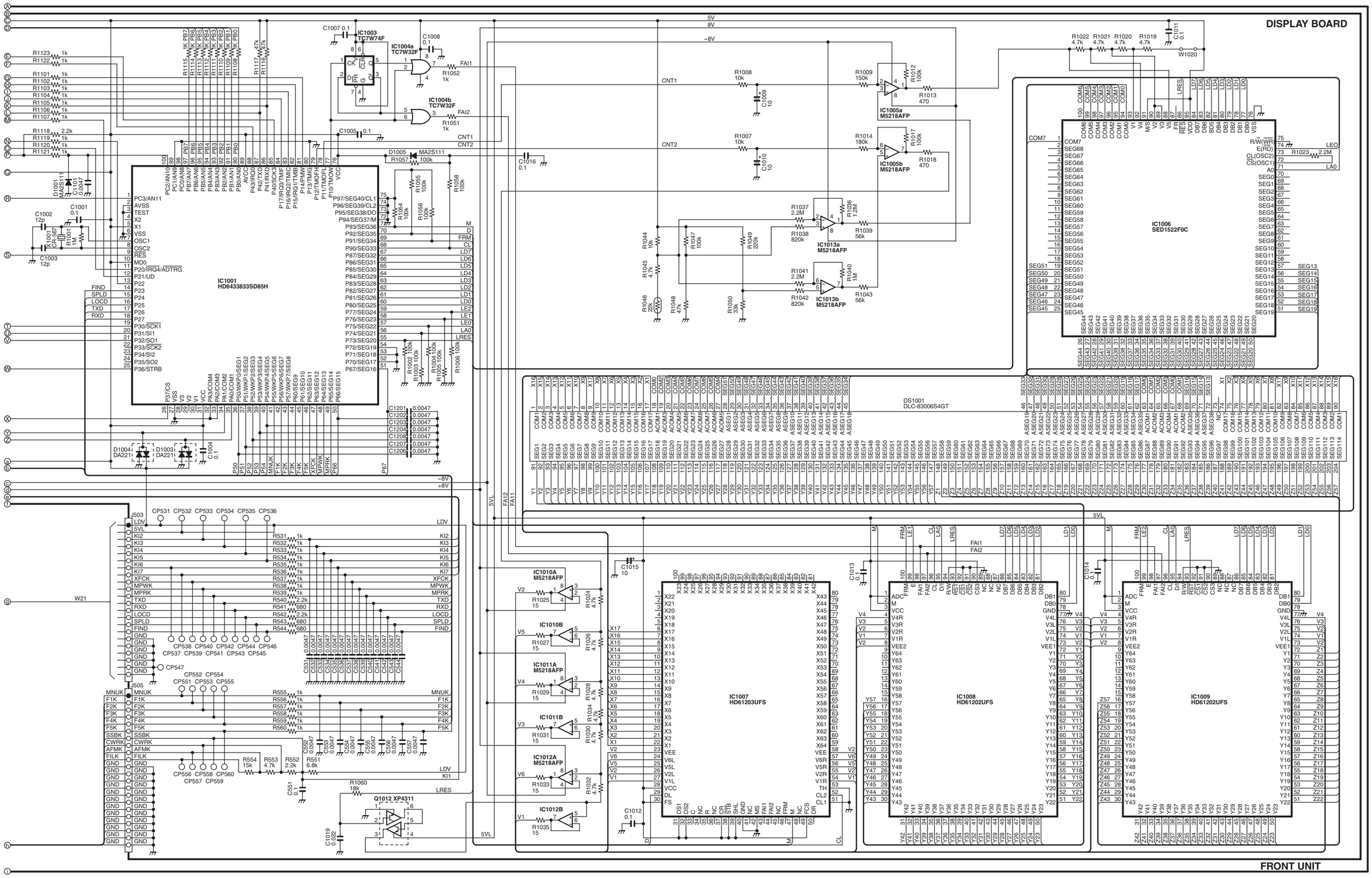

COMMON LINE
LINE
RX LINE
TX LINE
DATA BUS LINE
TUNER BOARD
CTRL UNIT
DRV BOARD
RF UNIT
CHASSIS UNIT
FILTER UNIT
PA UNIT
CPU
EEPROM
PLL
DDS
MARKER SW
PHASE DET
LOOP FIL
RIPPLE FIL
CERAMIC BPF
COMMON FILTER
RELAY CTRL
FAN SW
LEVEL CONV
FAN CONTROL VOLTAGE
to MAIN unit(BLOCK(1))

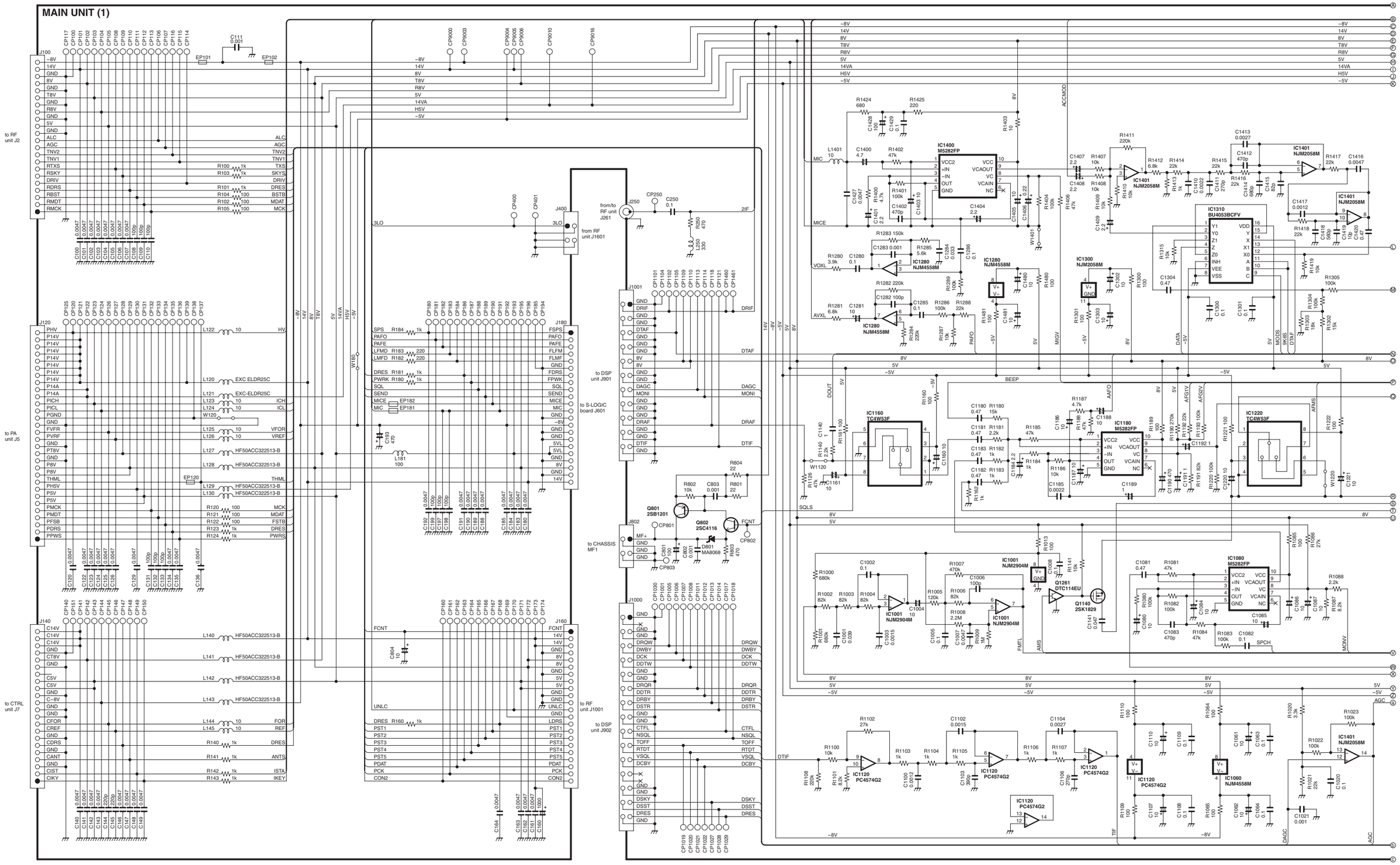
VOLTAGE DIAGRAM

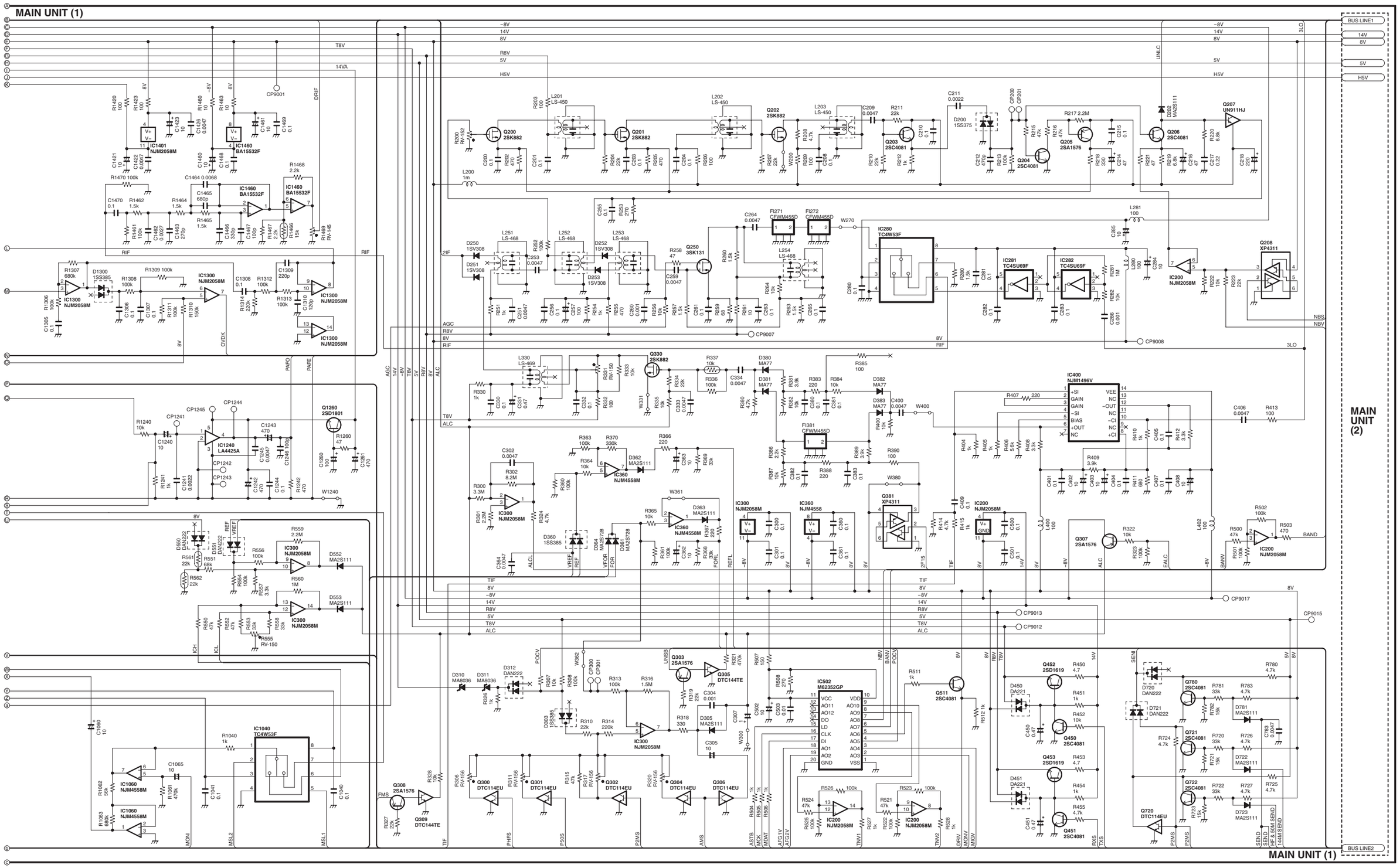
DSP UNIT

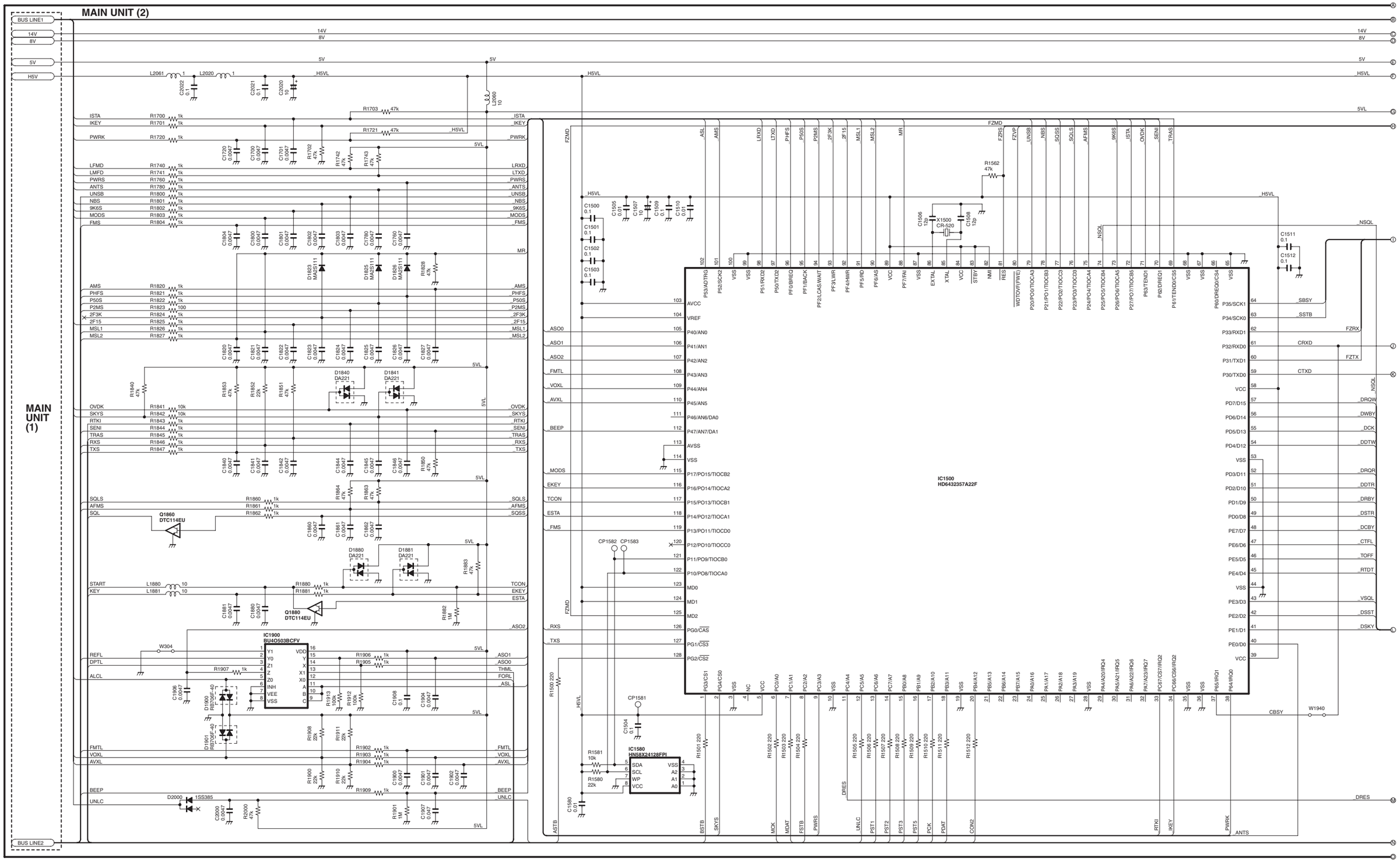


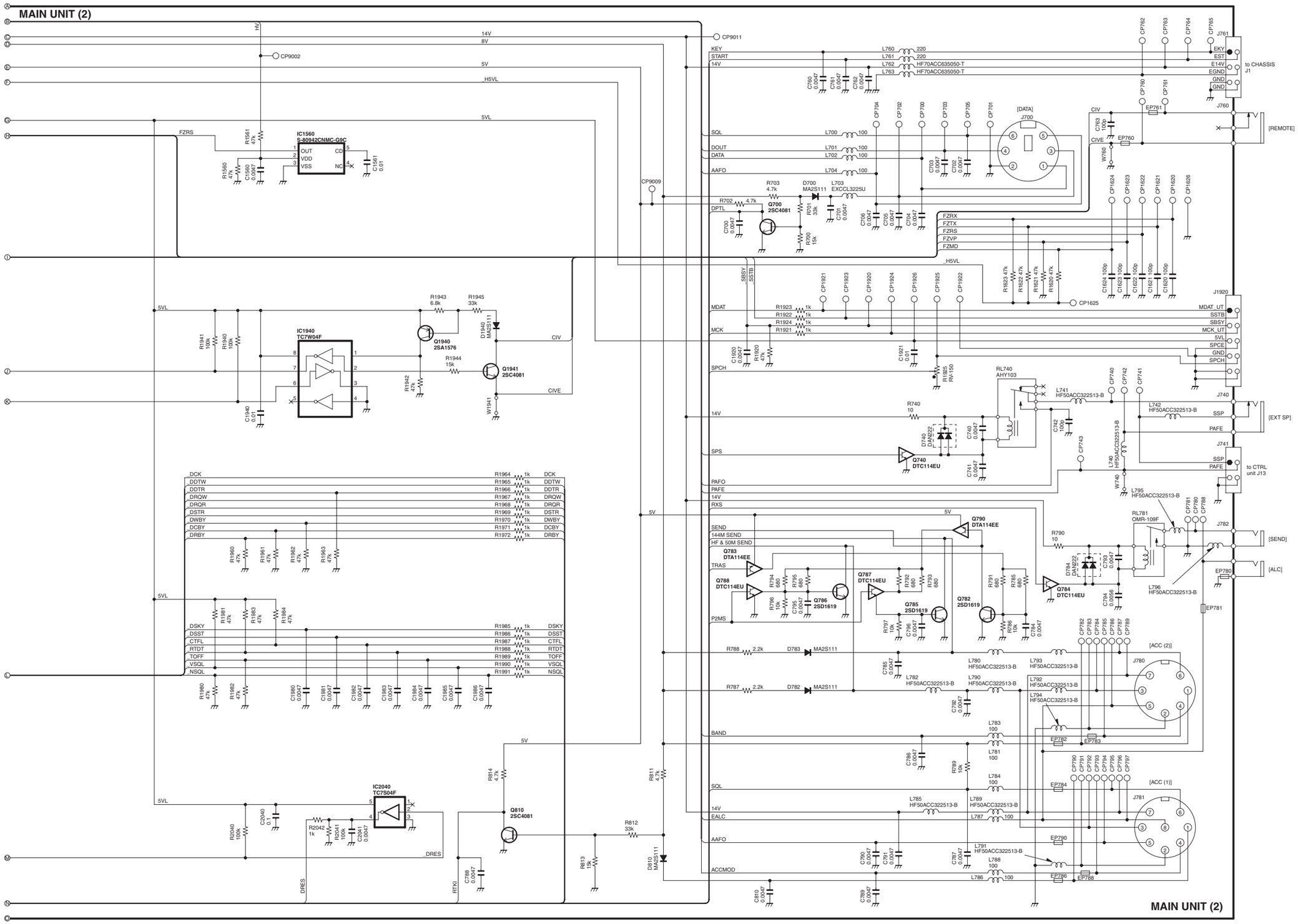

S-LOGIC BOARD
DISPLAY BOARD
NR/NOTCH
[NOTCH]
[NR]
[AF/RF]
[RF]
[AF]
[MIC GAIN]
[RF PWR]
[CW PITCH]
[KEY SPEED]
[CALL]
[LOCK/SPCH]
[POWER]
[P.AMP/ ATT]
[NB]
[VOX/ BK-IN]
[MONITOR]
[TRANSMIT]
[TUNER]
[ANT]
[NR]
[A/NOTCH]
to MAIN unit J1334
to MAIN DIAL
PBT BOARD
[PBT]
[M-CH]
MIC BOARD
RIT BOARD
[RIT/ ⊿TX]
PHONE BOARD
[PHONES]
[ELEC-KEY]
MODE BOARD
TEN-KEY BOARD
FRONT UNIT

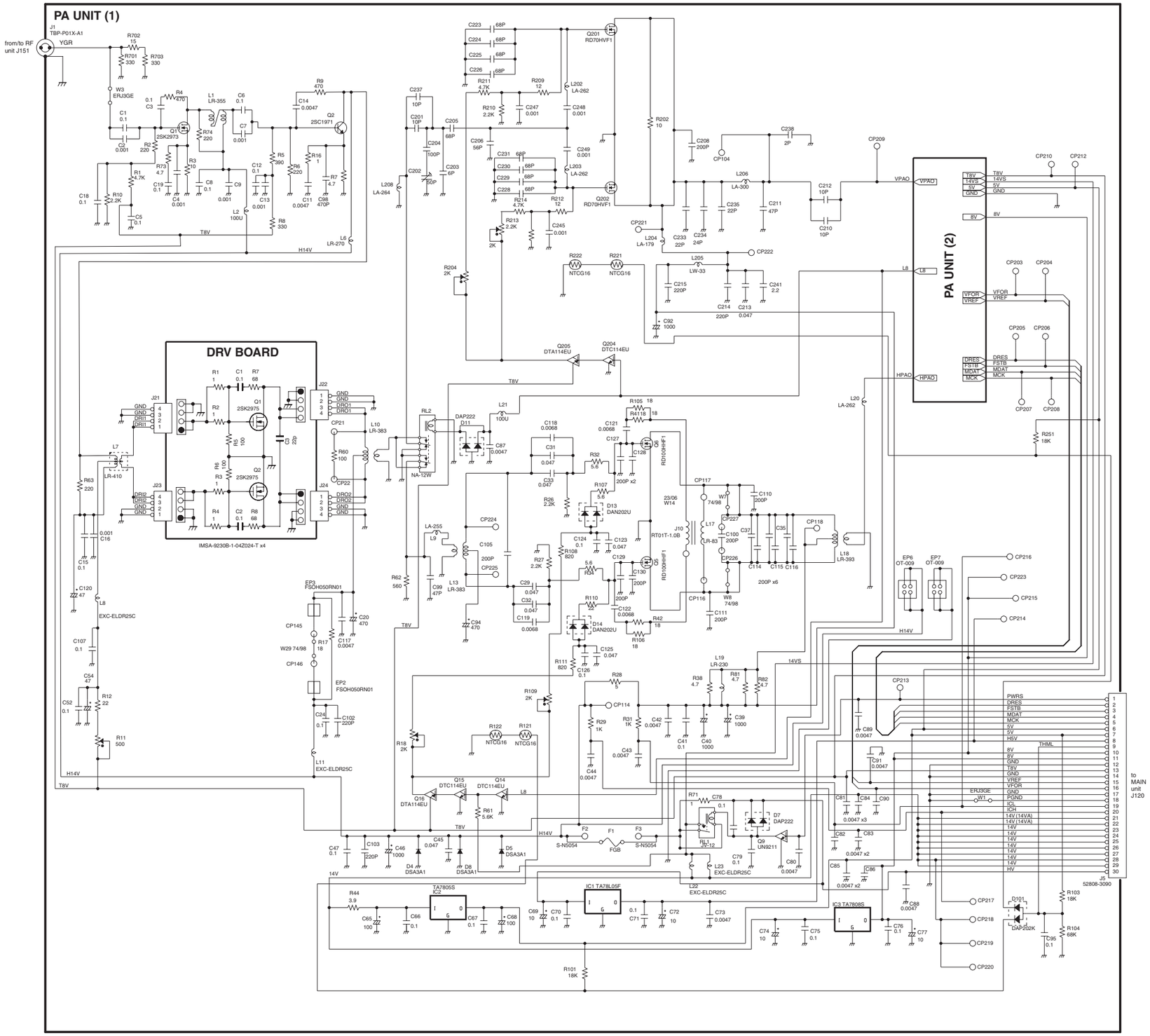

DISPLAY BOARD
FRONT UNIT
IC1001
HD6433833SD85H
IC1003
TC7W74F
IC1004a
TC7W32F
IC1004b
TC7W32F
IC1005a
M5218AFP
IC1005b
M5218AFP
IC1006
SED1522F0C
IC1007
HD61203UFS
IC1008
HD61202UFS
IC1009
HD61202UFS
IC1010A
M5218AFP
IC1010B
IC1011A
M5218AFP
IC1011B
IC1012A
M5218AFP
IC1012B
IC1013a
M5218AFP
IC1013b
M5218AFP
DS1001
DLC-83006S4GT
Q1012 XP4311
J503
J505
W21
W1020

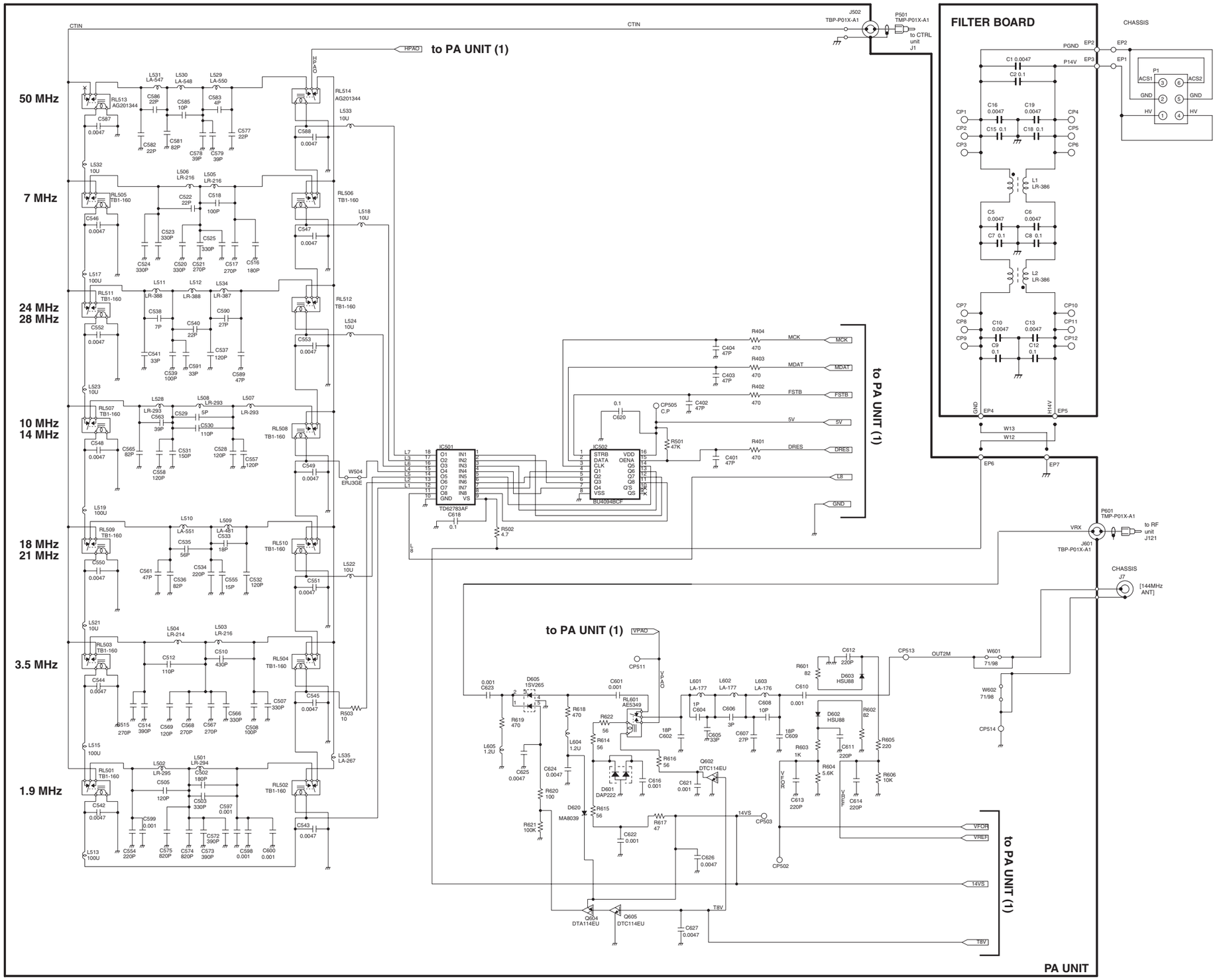

MAIN UNIT (1)
to RF unit J2
to PA unit J5
to CTRL unit J7
to CHASSIS MF1
to DSP unit J901
to S-LOGIC board J601
from RF unit J1601
from/to RF unit J261
to RF unit J1001
to DSP unit J902
IC1400 M5282FP
IC1401 NJM2058M
IC1310 BU4053BCFV
IC1280 NJM4558M
IC1300 NJM2058M
IC1160 TC4W53F
IC1180 M5282FP
IC1220 TC4W53F
IC1001 NJM2904M
IC1080 M5282FP
IC1120 PC4574G2
IC1060 NJM4558M
Q801 2SB1201
Q802 2SC4116
Q1261 DTC114EU
Q1140 2SK1829

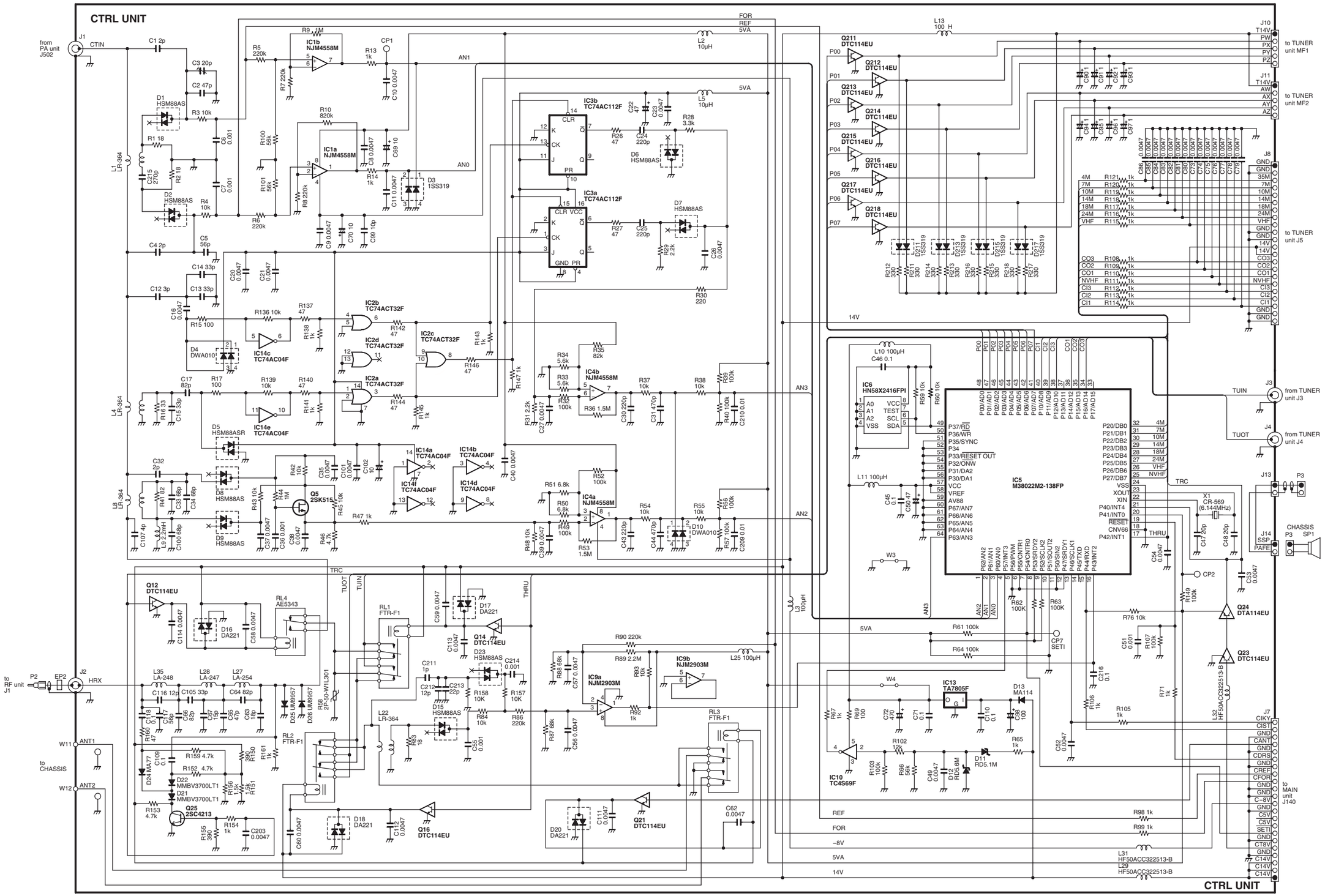

MAIN UNIT (1)
MAIN UNIT (2)
BUS LINE1
BUS LINE2
IC1401 NJM2058M
IC1460 BA15532F
IC1300 NJM2058M
IC1240 LA4425A
IC1060 NJM4558M
IC1040 TC4W53F
IC300 NJM2058M
IC360 NJM4558
IC200 NJM2058M
IC280 TC4W53F
IC281 TC4SU69F
IC282 TC4SU69F
IC400 NJM1496V
IC502 M62352GP
Q200 2SK882
Q201 2SK882
Q202 2SK882
Q203 2SC4081
Q204 2SC4081
Q205 2SA1576
Q206 2SC4081
Q207 UN911HJ
Q208 XP4311
Q250 3SK131
Q330 2SK882
Q381 XP4311
Q307 2SA1576
Q308 2SA1576
Q309 DTC144TE
Q300 DTC114EU
Q301 DTC114EU
Q302 DTC114EU
Q304 DTC114EU
Q306 DTC114EU
Q303 2SA1576
Q305 DTC144TE
Q511 2SC4081
Q452 2SD1619
Q450 2SC4081
Q453 2SD1619
Q451 2SC4081
Q780 2SC4081
Q721 2SC4081
Q722 2SC4081
Q720 DTC114EU
Q1260 2SD1801
CP9001
CP9007
CP9008
CP9013
CP9012
CP9017
CP9015
BAND
NBS
NBV
3LO
UNLC
AGC
ALC
TIF
RIF
2IF
DRIF
PAFO
PAFE
OVDK
ICH
ICL
MONI
MSL2
MSL1
PHFS
P50S
P2MS
AMS
ASTB
MCK
MDAT
AFG1V
AFG2V
TNV1
TNV2
DRIV
MONV
MIGV
RXS
TXS
SEN
SEND
HF & SOM SEND
144M SEND
FMS
ALCL
VREF
REF
VFOR
FOR
REFL
FORL
2F15
BANV
F4ALC
POCV
UNSB
NBV
BANV
POCV

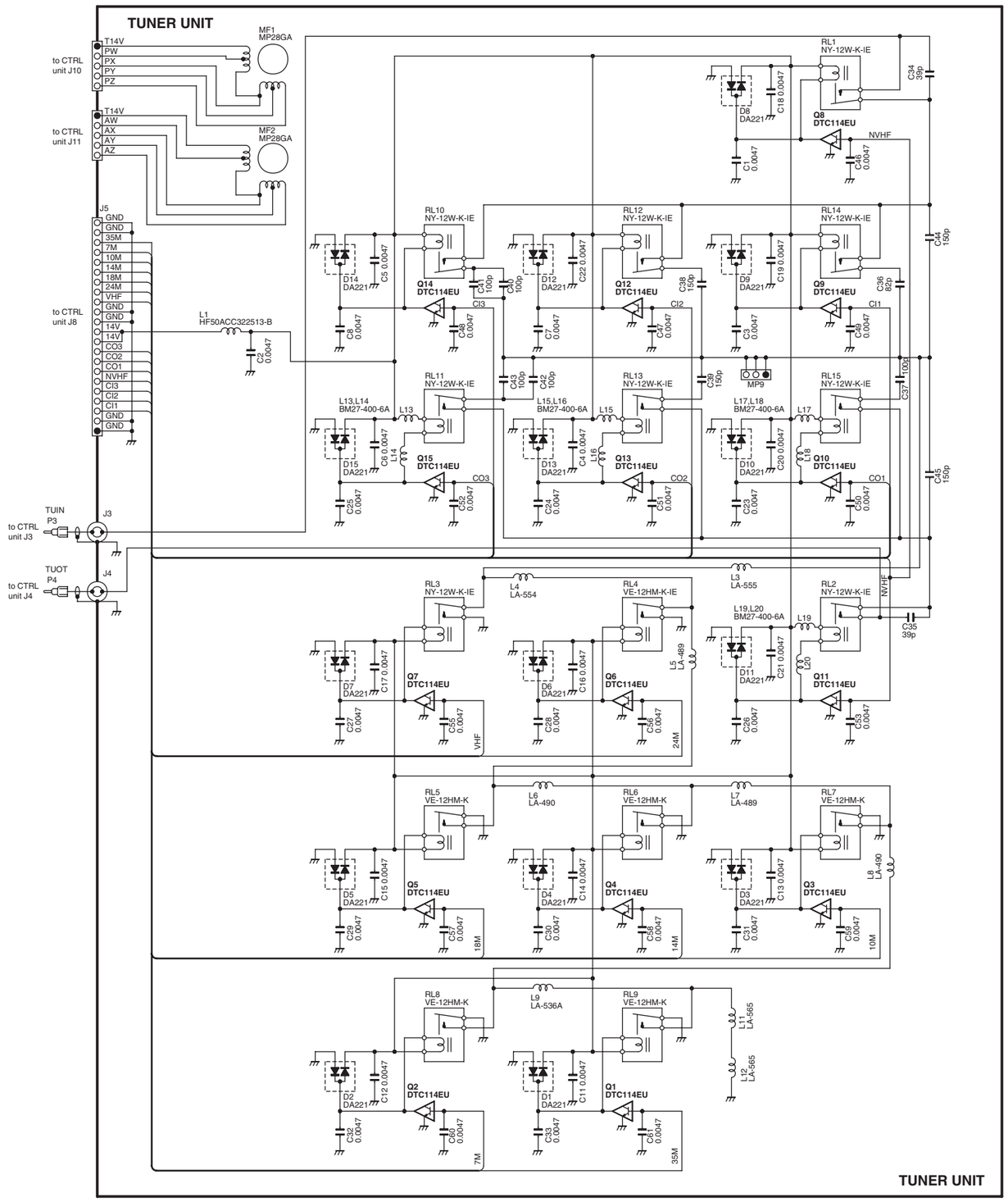

MAIN UNIT (2)
MAIN UNIT (1)
BUS LINE1
BUS LINE2
IC1500
HD6432357A22F
IC1900
BU4O503BCFV
IC1580
HN58X24128FPI
Q1860
DTC114EU
Q1880
DTC114EU

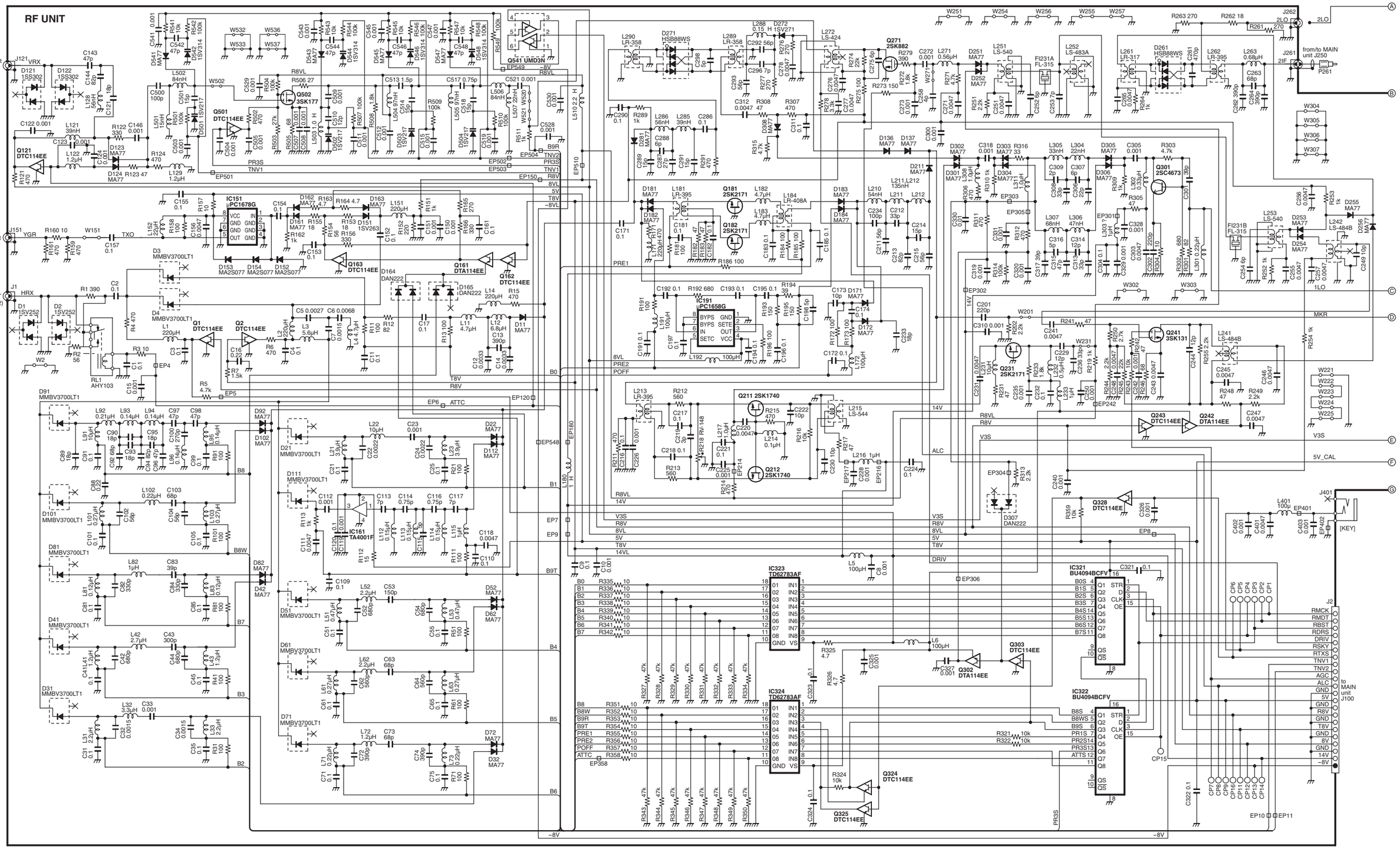

MAIN UNIT (2)
IC1560
S-80942CNMC-G9C
IC1940
TC7W04F
IC2040
TC7S04F
Q700
2SC4081
Q810
2SC4081
Q1940
2SA1576
Q1941
2SC4081
Q740
DTC114EU
Q790
DTA114EE
Q783
DTA114EE
Q788
DTC114EU
Q787
DTC114EU
Q786
2SD1619
Q785
2SD1619
Q782
2SD1619
Q784
DTC114EU
J700
[DATA]
J761
to CHASSIS
J1
J760
[REMOTE]
J1920
J740
[EXT SP]
J741
to CTRL
unit J13
J782
[SEND]
[ALC]
J780
[ACC (2)]
J781
[ACC (1)]
RL740
AHY103
RL781
OMR-109F
MAIN UNIT (2)

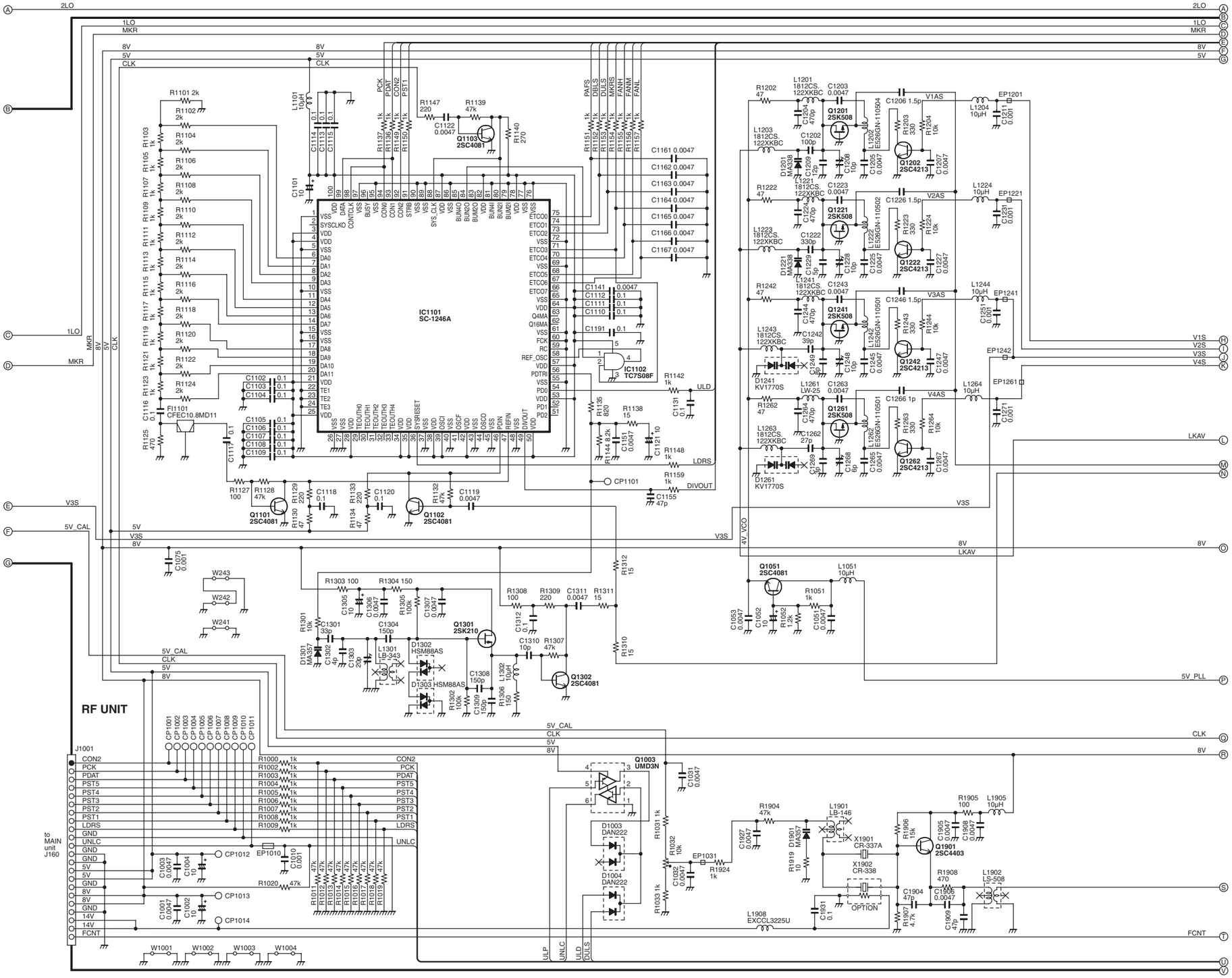

PA UNIT (1)
from/to RF unit J151
J1 TBP-P01X-A1
YGR
DRV BOARD
IMSA-9230B-1-04Z024-T x4
PA UNIT (2)
to MAIN unit J120
J5 52808-3090
IC1 TA78L05F
IC2 TA7805S
IC3 TA7808S
T8V
H14V
14V
14VS
VPAO
HPAO
L8
VFOR
VREF
DRES
FSTB
MDAT
MCK
PWRS
5V
H5V
8V
GND
PGND
ICL
ICH
14V (14VA)
HV
THML

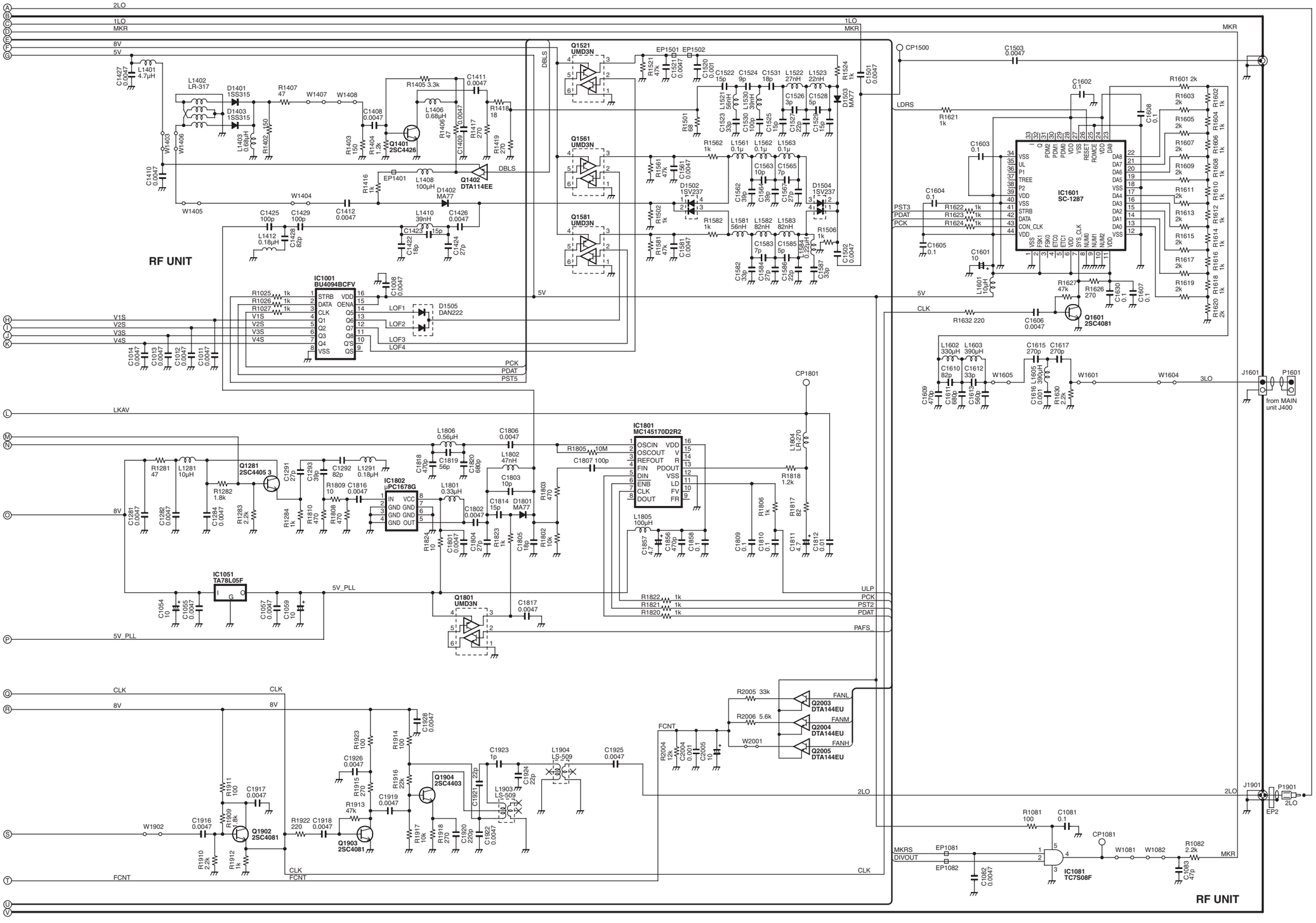

FILTER BOARD
to PA UNIT (1)
50 MHz
7 MHz
24 MHz
28 MHz
10 MHz
14 MHz
18 MHz
21 MHz
3.5 MHz
1.9 MHz
CHASSIS
PA UNIT


CTRL UNIT
from PA unit J502
J1
CTIN
IC1b NJM4558M
IC1a NJM4558M
IC3b TC74AC112F
IC3a TC74AC112F
IC2b TC74ACT32F
IC2d TC74ACT32F
IC2c TC74ACT32F
IC2a TC74ACT32F
IC14c TC74AC04F
IC14e TC74AC04F
IC14a TC74AC04F
IC14f TC74AC04F
IC14b TC74AC04F
IC14d TC74AC04F
IC4b NJM4558M
IC4a NJM4558M
Q5 2SK515
Q211 DTC114EU
Q212 DTC114EU
Q213 DTC114EU
Q214 DTC114EU
Q215 DTC114EU
Q216 DTC114EU
Q217 DTC114EU
Q218 DTC114EU
IC6 HN58X2416FPI
IC5 M38022M2-138FP
X1 CR-569 (6.144MHz)
J10 T14V
to TUNER unit MF1
J11 T14V
to TUNER unit MF2
J8
to TUNER unit J5
J3 TUIN
from TUNER unit J3
J4 TUOT
from TUNER unit J4
J13 P3
J14 SSP PAFE
CHASSIS
SP1
Q24 DTA114EU
Q23 DTC114EU
IC13 TA7805F
IC10 TC4S69F
IC9a NJM2903M
IC9b NJM2903M
Q12 DTC114EU
RL4 AE5343
RL1 FTR-F1
RL2 FTR-F1
RL3 FTR-F1
Q14 DTC114EU
Q16 DTC114EU
Q21 DTC114EU
Q25 2SC4213
D22 MMBV3700LT1
D21 MMBV3700LT1
to RF unit J1
J2
HRX
W11 ANT1
W12 ANT2
to CHASSIS
J7
CIKY
CIST
GND
CANT
CDRS
CREF
CFOR
C-BY
C5V
SET
CT8V
C14V
to MAIN unit J140
L31 HF50ACC322513-B
L29 HF50ACC322513-B
L32 HF50ACC322513-B
CTRL UNIT


TUNER UNIT
MF1 MP28GA
MF2 MP28GA
T14V
PW
PX
PY
PZ
AW
AX
AY
AZ
to CTRL unit J10
to CTRL unit J11
J5
GND
35M
7M
10M
14M
18M
24M
VHF
14V
CO3
CO2
CO1
NVHF
CI3
CI2
CI1
to CTRL unit J8
L1 HF50ACC322513-B
C2 0.0047
TUIN P3
J3
to CTRL unit J3
TUOT P4
J4
to CTRL unit J4
RL1 NY-12W-K-IE
RL2 NY-12W-K-IE
RL3 NY-12W-K-IE
RL4 VE-12HM-K-IE
RL5 VE-12HM-K
RL6 VE-12HM-K
RL7 VE-12HM-K
RL8 VE-12HM-K
RL9 VE-12HM-K
RL10 NY-12W-K-IE
RL11 NY-12W-K-IE
RL12 NY-12W-K-IE
RL13 NY-12W-K-IE
RL14 NY-12W-K-IE
RL15 NY-12W-K-IE
Q1 DTC114EU
Q2 DTC114EU
Q3 DTC114EU
Q4 DTC114EU
Q5 DTC114EU
Q6 DTC114EU
Q7 DTC114EU
Q8 DTC114EU
Q9 DTC114EU
Q10 DTC114EU
Q11 DTC114EU
Q12 DTC114EU
Q13 DTC114EU
Q14 DTC114EU
Q15 DTC114EU
D1 DA221
D2 DA221
D3 DA221
D4 DA221
D5 DA221
D6 DA221
D7 DA221
D8 DA221
D9 DA221
D10 DA221
D11 DA221
D12 DA221
D13 DA221
D14 DA221
D15 DA221
L3 LA-555
L4 LA-554
L5 LA-489
L6 LA-490
L7 LA-489
L8 LA-490
L9 LA-536A
L11 LA-565
L12 LA-565
L13,L14 BM27-400-6A
L15,L16 BM27-400-6A
L17,L18 BM27-400-6A
L19,L20 BM27-400-6A
MP9
NVHF
C34 39p
C35 39p
C44 150p
C45 150p
C37 100p
C38 150p
C39 150p
C40 100p
C41 100p
C42 100p
C43 100p
C36 82p
TUNER UNIT


RF UNIT
from PA unit P601 (J601)
to PA unit P1(J1)
from CTRL unit P2(J2)
from/to MAIN unit J250
to MAIN unit J100
IC151 μPC1678G
IC191 μPC1658G
IC161 TA4001F
IC323 TD62783AF
IC324 TD62783AF
IC321 BU4094BCFV
IC322 BU4094BCFV
Q271 2SK882
Q301 2SC4673
Q181 2SK2171
Q182 2SK2171
Q231 2SK2171
Q241 3SK131
Q211 2SK1740
Q212 2SK1740
Q502 3SK177
Q501 DTC114EE
Q121 DTC114EE
Q163 DTC114EE
Q161 DTA114EE
Q162 DTC114EE
Q1 DTC114EE
Q2 DTC114EE
Q243 DTC114EE
Q242 DTA114EE
Q328 DTC114EE
Q303 DTC114EE
Q302 DTA114EE
Q324 DTC114EE
Q325 DTC114EE
Q541 UMD3N
[KEY]


IC1101
SC-1246A
IC1102
TC7S08F
Q1101
2SC4081
Q1102
2SC4081
Q1103
2SC4081
Q1201
2SK508
Q1202
2SC4213
Q1221
2SK508
Q1222
2SC4213
Q1241
2SK508
Q1242
2SC4213
Q1261
2SK508
Q1262
2SC4213
Q1051
2SC4081
Q1301
2SK210
Q1302
2SC4081
Q1003
UMD3N
Q1901
2SC4403
RF UNIT
J1001
to MAIN unit J160
V1S
V2S
V3S
V4S
LKAV
5V_PLL
CLK
FCNT
ULD
LDRS
DIVOUT
CP1101
OPTION


RF UNIT
IC1001
BU4094BCFV
IC1601
SC-1287
IC1801
MC145170D2R2
IC1802
μPC1678G
IC1051
TA78L05F
Q1401
2SC4426
Q1402
DTA114EE
Q1521
UMD3N
Q1561
UMD3N
Q1581
UMD3N
Q1601
2SC4081
Q1281
2SC4405
Q1801
UMD3N
Q1902
2SC4081
Q1903
2SC4081
Q1904
2SC4403
Q2003
DTA144EU
Q2004
DTA144EU
Q2005
DTA144EU
IC1081
TC7S08F
J1601
P1601
from MAIN unit J400
J1901
P1901
EP2
2LO
1LO
MKR
8V
5V
V1S
V2S
V3S
V4S
LKAV
CLK
FCNT
PCK
PDAT
PST5
PST3
LDRS
DBLS
5V_PLL
ULP
PST2
PAFS
FANL
FANM
FANH
MKRS
DIVOUT
3LO

ICOM

SERVICE MANUAL

HF/VHF TRANSCEIVER

IC-7400

Icom Inc.

INTRODUCTION

This service manual describes the latest service information for the **IC-7400** HF/VHF TRANSCEIVER.

VER. NO.	VERSION	SYMBOL
#03	Europe	EUR
#04	France	FRA
#08	Italy	ITR
#09	Spain	ESP
#10	Korea	KOR

To upgrade quality, any electrical or mechanical parts and internal circuits are subject to change without notice or obligation.

DANGER

NEVER connect the transceiver to an AC outlet or to a DC power supply that uses more than 16 V. This will ruin the transceiver.

DO NOT expose the transceiver to rain, snow or any liquids.

DO NOT reverse the polarities of the power supply when connecting the transceiver.

DO NOT apply an RF signal of more than 20 dBm (100 mW) to the antenna connector. This could damage the transceiver's front end.

ORDERING PARTS

Be sure to include the following four points when ordering replacement parts:

1. 10-digit order numbers
2. Component part number and name
3. Equipment model name and unit name
4. Quantity required

<SAMPLE ORDER>

1110003870	S.IC	NJM2058M-T1	IC-7400	MAIN UNIT	5 pieces
8810005770	Screw	BiH M3 × 8 ZK	IC-7400	Top cover	10 pieces

Addresses are provided on the inside back cover for your convenience.

REPAIR NOTES

1. Make sure a problem is internal before disassembling the transceiver.
2. **DO NOT** open the transceiver until the transceiver is disconnected from its power source.
3. **DO NOT** force any of the variable components. Turn them slowly and smoothly.
4. **DO NOT** short any circuits or electronic parts. An insulated tuning tool **MUST** be used for all adjustments.
5. **DO NOT** keep power ON for a long time when the transceiver is defective.
6. **DO NOT** transmit power into a signal generator or a sweep generator.
7. **ALWAYS** connect a 50 dB to 60 dB attenuator between the transceiver and a deviation meter or spectrum analyzer when using such test equipment.
8. **READ** the instructions of test equipment thoroughly before connecting equipment to the transceiver.

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SECTION 1 SPECIFICATIONS

■ GENERAL

• Frequency coverage:

Receive	0.030– 60.000 MHz*1, *2	
	108.000–174.000 MHz*1, *2	
Transmit	1.800– 1.999 MHz*2	3.500– 3.999 MHz*2
	7.000– 7.300 MHz*2	10.100–10.150 MHz*2
	14.000– 14.350 MHz*2	18.068–18.168 MHz*2
	21.000– 21.450 MHz*2	24.890–24.990 MHz*2
	28.000– 29.700 MHz*2	50.000–54.000 MHz*2
	144.000–148.000 MHz*2	

*1 Except for some frequency ranges.
*2 Depending on version.

• Mode : USB, LSB, CW, RTTY, AM, FM

• Number of memory channels:
101 (99 regular, 1 call, 2 scan edges)

• Antenna connector : SO-239 × 3 (2 for HF/50 MHz bands and 1 for 144 MHz band; 50 Ω)

• Usable temp. range: –10˚C to +60˚C (14˚F to 140˚F)

• Frequency stability : Less than ±7 ppm from 1 min. to 60 min. after power ON. After that the rate of stability change is less than ±1 ppm at 25˚C (+77˚F). Temperature fluctuations (0˚C to +50˚C; 32˚F to 122˚F) less than ±5 ppm.

• Freq. resolution : 1 Hz

• Power supply requirement:
13.8 V DC ±15 % (negative ground)

• Current consumption:

Transmit	max. power	23.0 A
Receive	stand-by	2.2 A
	max. audio	3.0 A

• Dimensions : 287(W) × 120(H) × 316.5(D) mm
11 5/16(W) × 4 23/32(H) × 12 15/32(D) in

• Weight : 9.0 kg (19 lb 13 oz)

• ACC 1 connector : 8-pin DIN connector

• ACC 2 connector : 7-pin DIN connector

• REMOTE connector : 2-conductor 3.5(d) mm (1/8")

■ TRANSMITTER

• Output power : SSB/CW/RTTY/FM 5–100 W
AM 5–40 W

• Modulation system :

SSB	PSN modulation
AM	Low power modulation
FM	Phase modulation

• Spurious emission : Less than –50 dB (HF bands)
Less than –60 dB (50/144 MHz bands)

• Carrier suppression: More than 40 dB

• Unwanted sideband suppression:
More than 55 dB

• ΔTX variable range : ±9.99 kHz

• Mic. connector : 8-pin connector (600 Ω)

• ELE-KEY connector : 3-conductor 6.35(d) mm (1/4")

• KEY connector : 3-conductor 6.35(d) mm (1/4")

• SEND connector : Phono (RCA)

• ALC connector : Phono (RCA)

■ RECEIVER

• Receive system : Triple-conversion superheterodyne

• Intermediate frequencies:

1st IF freq.	64.455 MHz
2nd IF freq.	455 kHz
3rd IF freq.	36 kHz

• Sensitivity (typical) :

SSB, CW, RTTY (10 dB S/N)

1.8–29.99000 MHz*1	0.16 μV
50.0–54.0000 MHz*2	0.13 μV
144.0–148.0000 MHz*3	0.11 μV

AM (10 dB S/N)

0.5–1.799999 MHz	13 μV
1.8–29.99000 MHz*1	2.0 μV
50.0–54.0000 MHz*2	1.0 μV
144.0–148.0000 MHz*3	1.0 μV

FM (12 dB SINAD)

28.0–29.9900 MHz*1	0.5 μV
50.0–54.0000 MHz*2	0.25 μV
144.0–148.0000 MHz*3	0.18 μV

*1 Pre-amp 1 ON *2 Pre-amp 2 ON *3 Pre-amp ON

• Squelch sensitivity (Pre-amp OFF):

SSB/CW/RTTY	Less than 5.6 μV
FM	Less than 1.0 μV

• Selectivity (typical) :

SSB (at 2.4 kHz bandwidth)
More than 2.4 kHz/–6 dB
Less than 3.2 kHz/–40 dB
Less than 3.6 kHz/–60 dB
Less than 4.3 kHz/–80 dB

CW (at 500 Hz bandwidth)
More than 500 Hz/–6 dB
Less than 700 Hz/–60 dB

RTTY (at 350 Hz bandwidth)
More than 360 Hz/–6 dB
Less than 650 Hz/–60 dB

AM (at 6 kHz bandwidth)
More than 6.0 kHz/–6 dB
Less than 15.0 kHz/–60 dB

FM (at 15 kHz bandwidth)
More than 12 kHz/–6 dB
Less than 20 kHz/–60 dB

• Spurious and image rejection ratio:
More than 70 dB (HF/50 MHz band)
(except IF through in 50 MHz band)
More than 60 dB (144 MHz band)

• RIT variable range : ±9.99 kHz

• Audio output power (at 13.8 V):
More than 2.0 W at 10 % distortion with an 8 Ω load

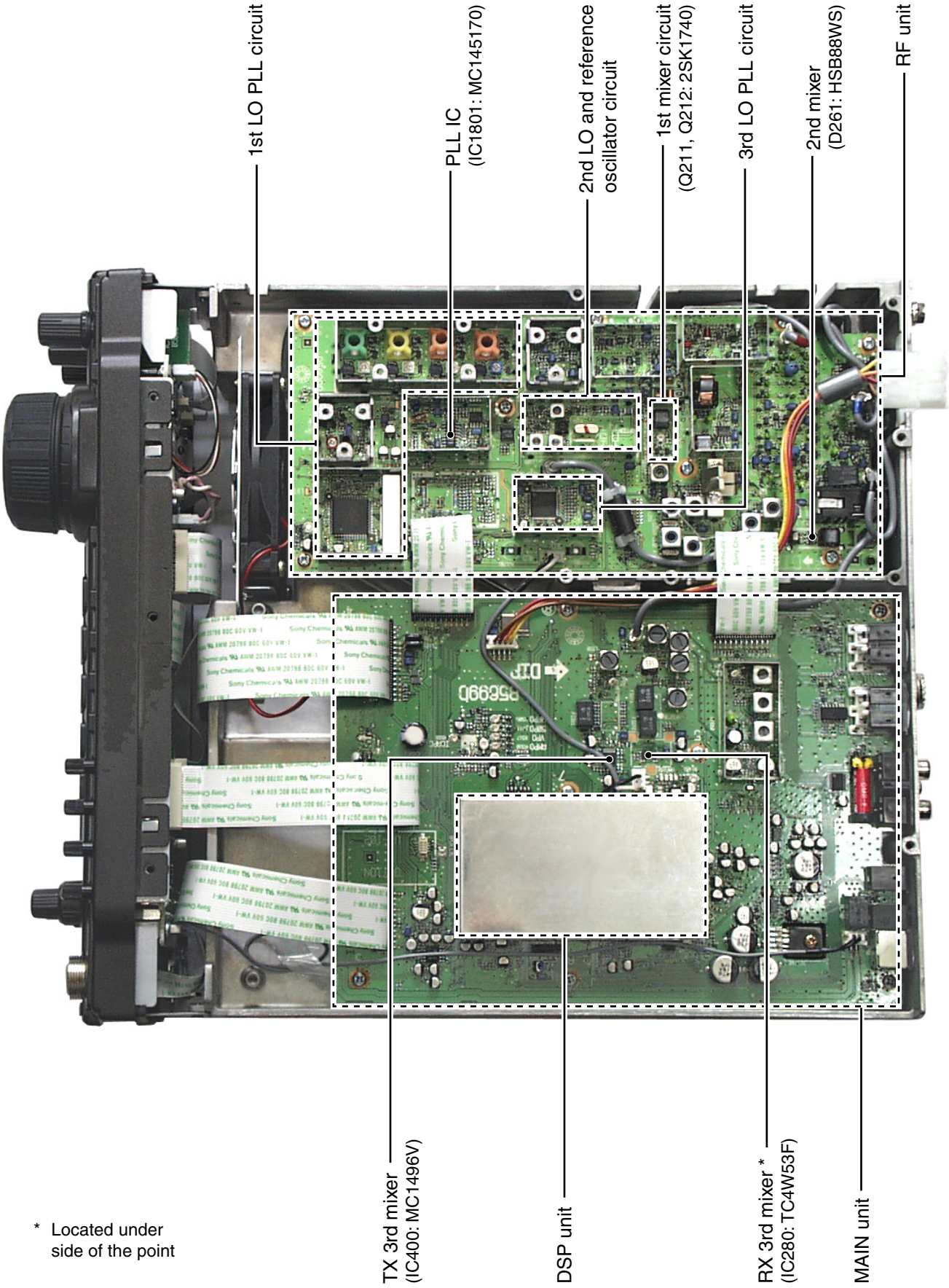
• PHONES connector: 3-conductor 6.35 (d) mm (1/4")

• EXT SP connector : 2-conductor 3.5 (d) mm (1/8") 8 Ω

All stated specifications are subject to change without notice or obligation.

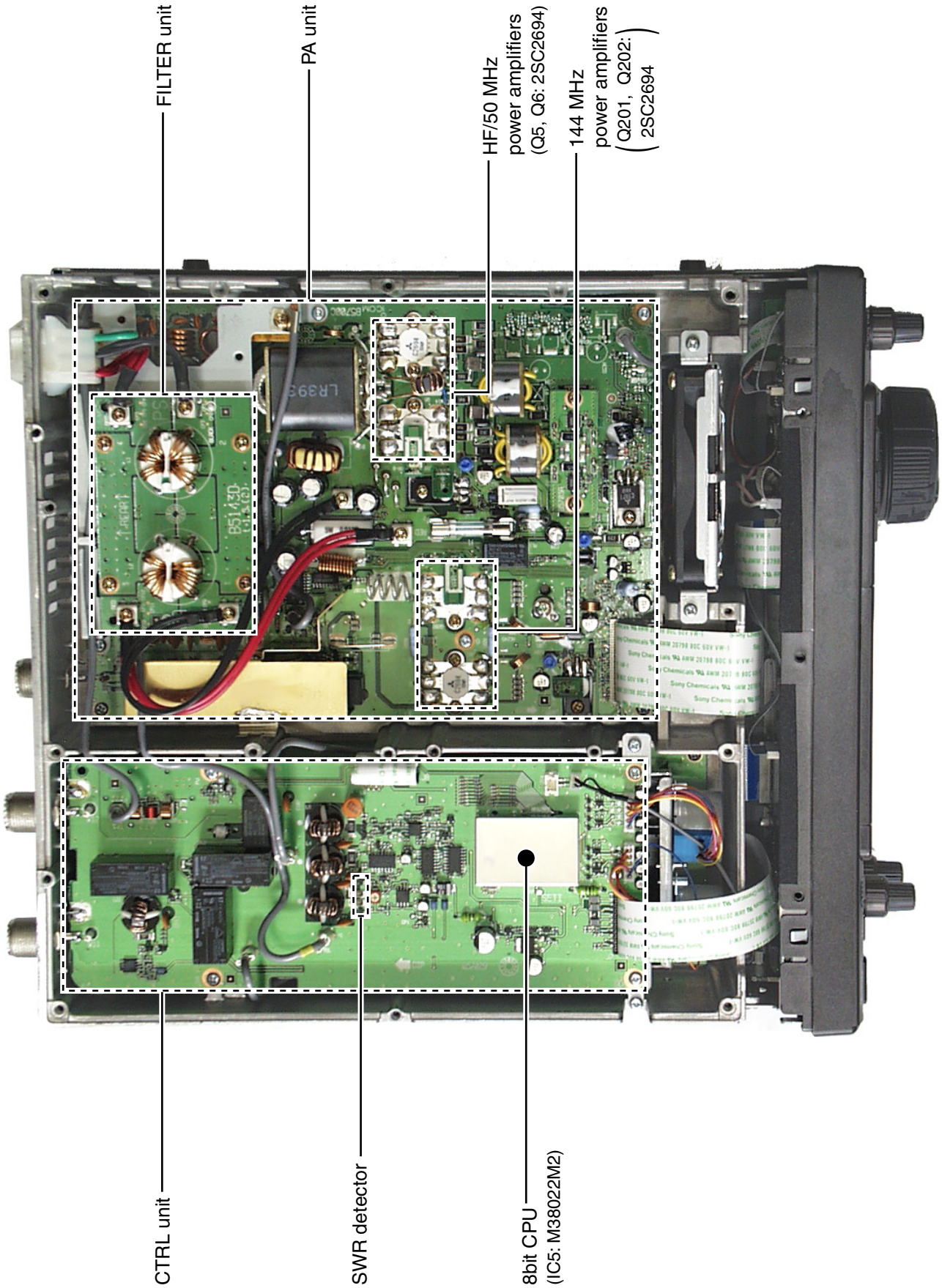
SECTION 2 INSIDE VIEWS

• MAIN AND RF UNITS



* Located under side of the point

• **PA AND CTRL UNITS**



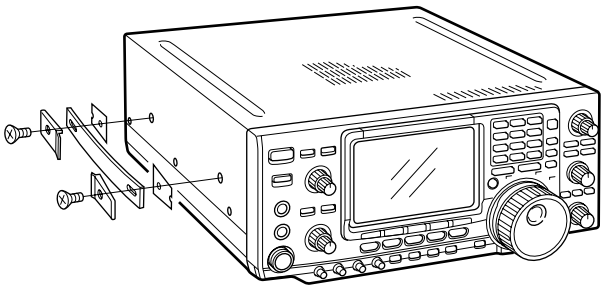
SECTION 3 DISASSEMBLY AND OPTION INSTALLATIONS

• Opening the transceiver's case

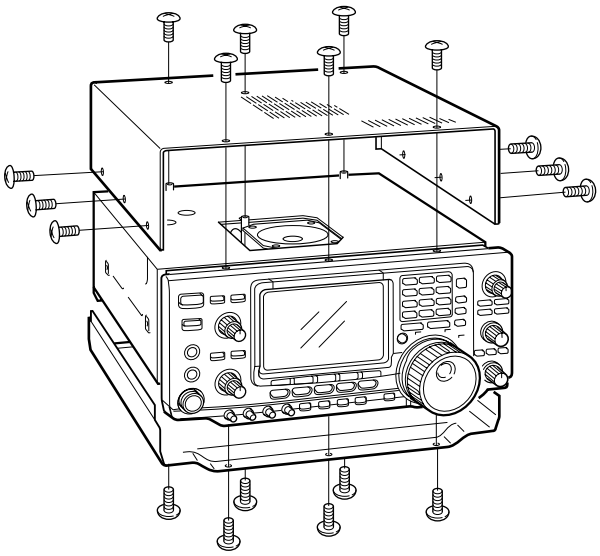
Follow the case and cover opening procedures shown here when you want to install an optional unit or adjust the internal units, etc.

CAUTION: DISCONNECT the DC power cable from the transceiver before performing any work on the transceiver. Otherwise, there is danger of electric shock and/or equipment damage.

① Remove the 2 screws from the left side of the transceiver to remove the carrying handle as shown at right.



② Remove the 6 screws from the top of the transceiver and the 6 screws from the sides, then lift up the top cover.
③ Turn the transceiver upside down.
④ Remove 6 screws from the bottom of the transceiver, then lift up the bottom cover.

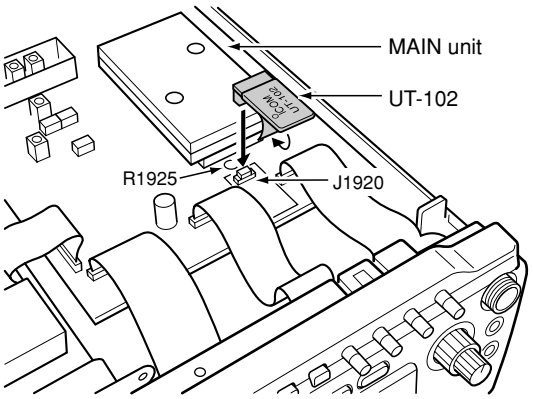


• UT-102 VOICE SYNTHESIZER UNIT

The UT-102 announces the accessed readout's frequency, mode, etc. (S-meter level can also be announced) in a clear, electronically-generated voice, in English (or Japanese).

➥ Push [LOCK/SPCH] for 1 sec. to announce the frequency, etc.

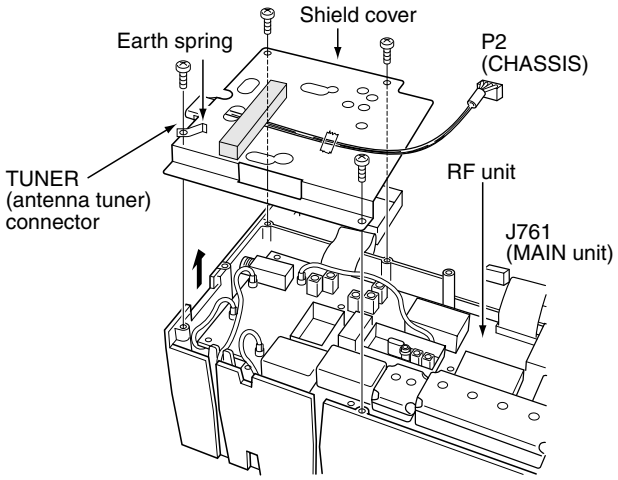
① Remove the top and bottom covers as shown above.
② Remove the protective paper attached to the bottom of the UT-102 to expose the adhesive strip.
③ Plug UT-102 into J1920 on the MAIN unit as shown in the diagram at right.
④ Adjust the trimmer, SPCH LVL: R1925 on the MAIN unit, to set the speech level if desired. Refer to the illustration at right.
⑤ Return the top and bottom covers to their original positions.



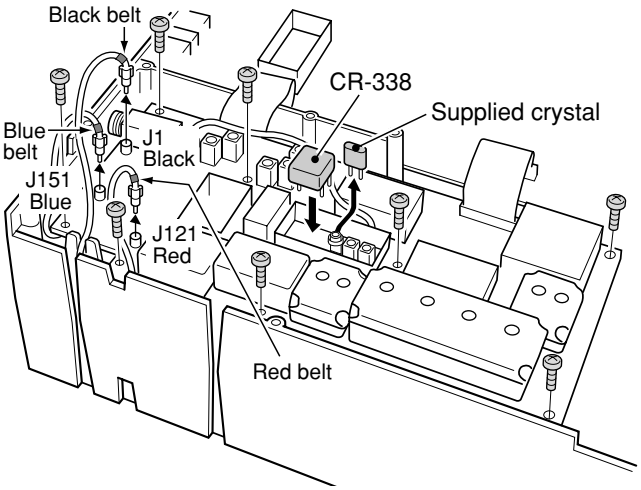
• CR-338 HIGH STABILITY CRYSTAL UNIT

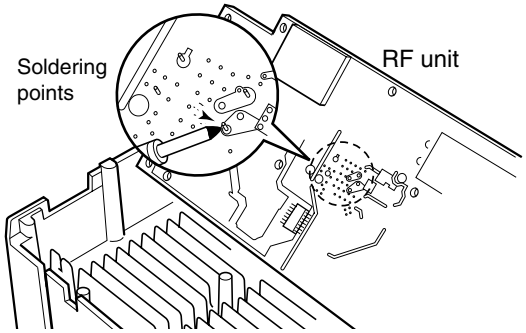
By installing the CR-338, the total frequency stability of the transceiver will be improved.

① Remove the bottom cover as shown on the previous page.
② Remove the 4 screws from the shield cover of the RF unit, and disconnect P2 (CHASSIS) from J761 (MAIN unit), then lift up the shield cover.
  • There is an earth spring on the shield cover, so be careful not to lose it when removing the cover.

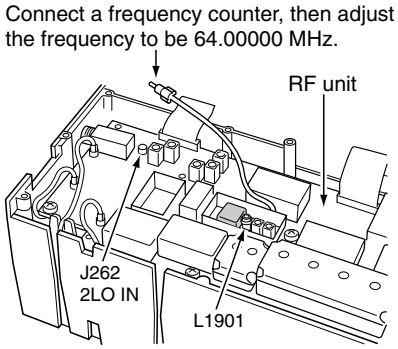


③ Remove the 8 screws from the RF unit, disconnect J1, J121 and J151, then remove the RF unit.
④ Remove the supplied internal crystal and replace with the CR-338.
⑤ Return the RF unit, J1, J121 and J151 to their original positions.





⑥ Connect a frequency counter to the J262, 2LO IN, then adjust the reference frequency to be 64.00000 MHz with the L1901 on the RF unit.
⑦ Return the J262, shield cover, earth spring and bottom covers to their original positions.



SECTION 4 CIRCUIT DESCRIPTION

4-1 RECEIVER CIRCUITS

4-1-1 RF SWITCHING CIRCUIT (CTRL, RF AND PA UNITS)

The RF switching circuit leads receive signals to bandpass filters from an antenna connector while receiving. However, the circuit leads the signal from the RF power amplifier to the antenna connector while transmitting.

RF signals (on HF/6 m bands) from [ANT 1] or [ANT 2] pass through the antenna selector (CTRL unit; RL3), tuner switching relays (CTRL unit; RL1, RL2), transmit/receive switching relay (CTRL unit; RL4), and low-pass filter (CTRL unit; L27, L28, L35, C63–C67, C105, C115–C117), and are then applied to the RF unit via J2 (P2).

The signals from the CTRL unit bypass or pass through the 20 dB attenuator (RF unit; RL1, R1, R2). By selecting the attenuator, 0 (bypass) and 20 dB attenuations are obtained. The signals are then applied to the RF filters.

While operating on the 144 MHz band, the RF signals from the [144 MHz ANT] are passed through the low-pass filter (PA unit; L601–L603, C602, C604–C609) and transmit/receive switching relay (PA unit; RL601), then applied to the RF unit via J601 (P601).

4-1-2 RF FILTER CIRCUIT (RF UNIT)

The RF filter circuit contains 8 bandpass and 2 low-pass filters. Bandpass filters pass only the desired band signals and suppress any undesired band signals.

(1) 0.03–1.6 MHz

The signals are applied to the attenuator and low-pass filter directly (see above at right).

(2) 1.6–60 MHz

The signals pass through the high-pass filter (L2–L4, C4–C7) to suppress excessively strong signals below 1.6 MHz. The filtered signals are applied to a low-pass or one of 8 bandpass filters (see above at right).

(3) 108–174 MHz

The 144 MHz band signals are bypassed or passed through the attenuator (R122), then applied to the tunable bandpass filter (see above at right).

The filtered signals are applied to the pre-amplifier circuit.

• Used RF filter

Frequency range	Control signal	Input diode	Filter component
0.03–1.6 MHz	B0	D3	L11, L12, R11–R13, C12–C14, C17
1.6–2 MHz	B1	D21	L21–L23, C21–C25
2–4 MHz	B2	D31	L31–L33, C31–C35
4–8 MHz	B3	D41	L41–L43, C41–C45
8–11 MHz	B4	D51	L51–L53, C51–C55
11–15 MHz	B5	D61	L61–L63, C61–C65
15–22 MHz	B6	D71	L71–L73, C71–C75
22–30 MHz	B7	D81	L81–L84, C81–C85
30–50 MHz	B8W	D101	L101–L103, C101–C105
50–54 MHz	B8	D91	L91–L96, C90–C100
54–60 MHz	B8W	D101	L101–L103, C101–C105
108–174 MHz	B9R	None (via C500)	D501, L501, L502

4-1-3 PRE-AMPLIFIER CIRCUITS (RF UNIT)

A total of 3 pre-amplifier circuits are employed in the IC-746PRO/7400. 2 for HF/6 m bands and 1 for 144 MHz band operation.

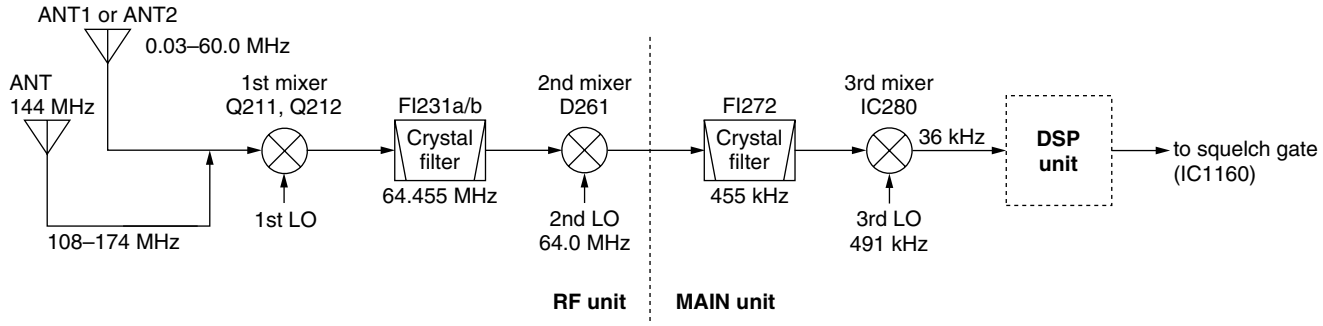
When the pre-amplifier operation is turned OFF, the RF signals bypass this circuit.

When [P.AMP1] is selected, the filtered signals are applied to the pre-amplifier 1 circuit (Q181, Q182), which has 10 dB gain for the 1.8–54 MHz range, and when [P.AMP2] is selected, the signals are applied to the pre-amplifier 2 circuit (IC191), which has 16 dB gain for the 21–60 MHz range. The pre-amplified signals are applied to the 60 MHz cut-out low-pass filter (L210–L212, C211–215, C234).

During 144 MHz band operation, the filtered signals are pre-amplified at the VHF pre-amplifier (Q502) when the [P.AMP] is turned ON, and passed through the tunable bandpass filter (D502–D504, L503–L504).

The filtered signals are applied to the 1st mixer circuit.

• Receiver construction



4-1-4 1ST MIXER AND 1ST IF CIRCUITS (RF UNIT)

The 1st mixer circuit mixes the received signals with the 1st LO signal to convert the received signals into a fixed 64.455 MHz 1st IF signal.

The signals from the pre-amplifier circuit, or signals which bypass the pre-amplifier circuit, are applied to the 1st mixer (Q211, Q212) and mixed with the 1st LO signal (64.485–238.455 MHz) coming from the 1st LO PLL circuit via the LO amplifier (Q301) and low-pass filter.

The mixed 1st IF signal is passed through the MCFs (Monolithic Crystal Filter: FI231a/b) to suppress out-of-band signals. The filtered signal is amplified at the IF amplifier (Q241), and then applied to the 2nd mixer circuit.

When the bandscope function is activated, the 1st LO sweeping signal is supplied to the 1st mixer circuit.

4-1-5 2ND MIXER CIRCUIT (RF UNIT)

The 2nd mixer circuit converts the 1st IF signal into the 2nd IF frequency by mixing with the 2nd LO signal (64.00 MHz).

The 1st IF signal from the IF amplifier (Q241) is applied and converted into a 455 kHz 2nd IF signal at the 2nd mixer circuit (D261) by mixing with a fixed 64 MHz 2nd LO signal.

The 2nd IF signal is passed through the low-pass filter (L263, C262–C264) to suppress undesired signals such as the 2nd LO signal, and the applied to the MAIN unit via J261.

The 2nd LO signal is a doubled reference frequency, generated at the reference oscillator (X1901: 32.0 MHz) and doubled at Q1903 and Q1904.

4-1-6 NOISE BLANKER CIRCUIT (MAIN UNIT)

The noise blanker circuit detects pulse-type noise, and turns OFF the signal line when the noise appears.

The 2nd IF signal from the RF unit is applied to the noise blanker gate (D252, D253). A portion of the 2nd IF signal from RF unit is amplified at the noise amplifiers (Q200–Q203), and is then detected at the noise detector (D200) to convert the noise components to DC voltages.

The signal is then applied to the noise blanker switch (Q206, Q207). At the moment detected voltage exceeds Q206's threshold level, Q207 outputs a blanking signal to close the noise blanker gate (D252, D253). The PLL unlock signal are also applied to Q207 to control the noise blanker gate.

Some DC voltage from the noise detector circuit is fed back to the noise amplifiers (Q200, Q201) via the DC amplifiers (Q204, Q205). The DC amplifiers function as an AGC circuit to reduce average noise. Therefore, the noise blanker function shuts off pulse-type noise only.

4-1-7 2ND IF CIRCUIT (MAIN UNIT)

The 2nd IF circuit amplifies and filters the 2nd IF signal, and applies the 2nd IF signal to the 3rd mixer circuit.

The 2nd IF signal from the noise blanker gate (D252, D253) is amplified at the 2nd IF amplifier (Q250) and passed through the ceramic filters (FI271, FI272). The filtered signal is applied to the 3rd mixer circuit.

4-1-8 3RD MIXER AND 3RD IF CIRCUITS (MAIN UNIT)

The 3rd mixer circuit mixes the 2nd IF signal with the 3rd LO signal to obtain the 3rd IF (36 kHz) signal.

The 2nd IF signal from the ceramic filters (FI271, FI272) is applied to the 3rd mixer circuit (IC280, pin 1). The 3rd LO signal from the 3rd LO PLL circuit is also applied to the 3rd mixer (IC280, pin 5). The mixed signal is output from pin 6.

The 3rd IF signal is passed through the low-pass filter (IC1460a) and amplified at the 3rd IF amplifier (IC1460b). The filtered and amplified signal is then applied to the DSP unit via DRIF line.

4-1-9 DSP RECEIVER CIRCUIT (DSP UNIT)

The DSP (Digital Signal Processor) circuit enables digital IF filter, digital noise reduction, PSN (Phase Shift Network)/ Low Power/Phase demodulation, digital automatic notch, and etc.

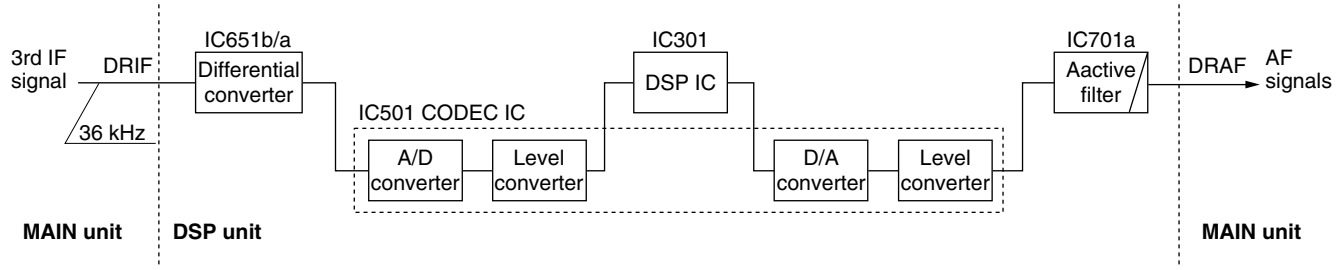
The 36 kHz 3rd IF signal from the 3rd IF amplifier (MAIN unit; IC1460b) is amplified at the differential amplifiers (IC651a/b), and is then applied to the A/D converter section in the CODEC IC (IC501). At the same time, the converted signal is level-shifted 5V to 3.3 V in the IC (IC501).

The level-shifted signal is applied to the DSP IC (IC301) for the digital IF filter, demodulator, automatic notch and noise reduction, etc.

The output signal from the DSP IC is applied to the D/A converter section in the CODEC IC (IC501) to convert into the analog audio signals. Also the signals are level-shifted 3.3 V to 5V at the level converter section in the IC (IC501).

The level-shifted audio signals are passed through the active filter (IC701a), and then applied to the MAIN unit via J901 (pin 17) as the DRAF signal.

• DSP receiver circuit



4-1-10 TWIN PBT CIRCUIT (DSP UNIT)

General PBT (Passband Tuning) circuit shifts the center frequency of IF signal to electronically narrow the passband width. The IC-746PRO/7400 uses the DSP circuit for the digital PBT function and actually shifts the both lower and higher passbands of 3rd IF filter within ±1.8 kHz.

The twin PBT circuit in DSP IC (IC301) controlled by the [TWIN PBT] controller adjusts the 3rd IF passband width and rejects interference.

4-1-11 AGC CIRCUIT (DSP UNIT)

The AGC (Automatic Gain Control) circuit reduces IF amplifier gain and attenuates IF signal to keep the audio output at a constant level.

The receiver gain is determined by the voltage on the AGC line (MAIN unit; IC1401, pin 14). The D/A converter for AGC (IC102) supplies control voltage to the AGC line and sets the receiver gain with the [RF/SQL] control.

The 3rd IF signal from the CODEC IC (IC501) is detected at the AGC detector section in the DSP IC (IC301). The output signal from the DSP IC (IC301) is level-shifted at the level converter (IC101) and applied to the D/A converter (IC102). The AGC voltage is amplified at the buffer amplifier section in IC102 and is applied to the MAIN unit to control the AGC line.

When receiving strong signals, the detected voltage increases and the AGC voltage decreases via the buffer amplifier (IC102). As the AGC voltage is used for the bias voltage of the IF amplifiers (RF unit; Q241, MAIN unit; Q250), IF amplifier gain is decreased.

4-1-12 SQUELCH CIRCUIT (MAIN UNIT)

The squelch circuit mutes audio output when the S-meter signal is lower than the [RF/SQL] setting level.

The NSQL or VSQL signal from the DSP unit is applied to the main CPU (IC1500) and is compared with the threshold level set by the [RF/SQL] control. The [RF/SQL] setting signal is passed through the sub CPU (DISPLAY board; IC1001, pin 91), and then applied to the main CPU. The main CPU analyzes the compared signal and outputs control signal to the squelch gate (IC1160, pin 5) to open or close the squelch as the SQLS signal.

4-1-13 AF AMPLIFIER CIRCUIT (MAIN UNIT)

The AF amplifier amplifies the audio signals to a suitable driving level for the speaker.

The AF signals (DRAF) from the DSP unit are passed through the squelch gate (IC1160) and amplified at the AF amplifier section of IC1180 (pins 2, 4), and volume is controlled by the AFGV signal at the VCA section (pins 7–9). The volume controlled AF signals are passed through the AF mute gate (IC1220, pins 7, 1), then applied to the AF power amplifier (IC1240, pin 1) via the ripple filter (Q1280).

The amplified audio signals are passed through the [PHONES] and [EXT SP] jacks then applied to the internal speaker when no plug is connected to the jacks.

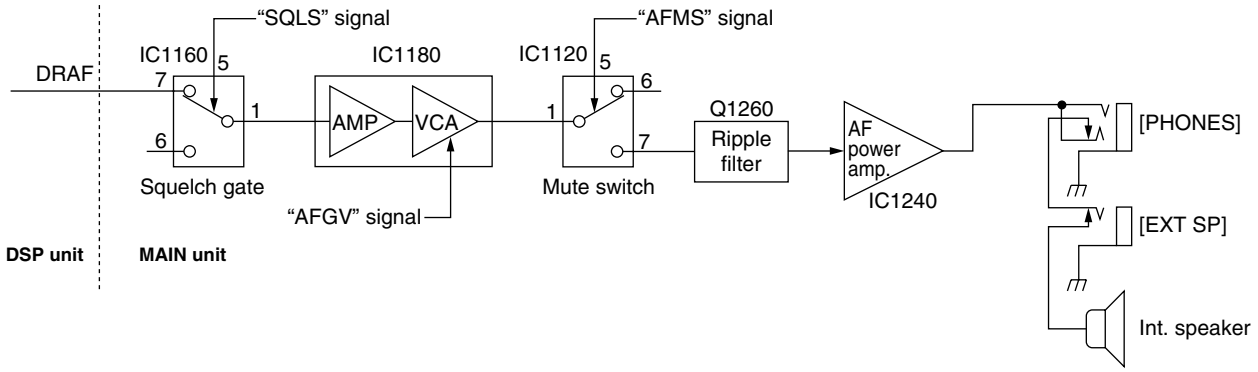
The AF mute gate is controlled by the [AF] control via the sub and main CPUs.

4-1-14 TONE SQUELCH CIRCUIT (MAIN UNIT)

A portion of the detected FM audio signals from the DSP unit via the MONI line are amplified at the AF amplifier (IC1060). The amplified signals are applied to the low-pass filter (IC1001) to cut-out the 300 Hz or higher audio components, and subaudible tone signals only pass through. The filtered signal (subaudible tone) is then applied to the main CPU (IC1500, pin 108).

The main CPU detects the frequency of the applied subaudible tone signal and releases the audio mute when a matched tone frequency signal is detected.

• AF amplifier circuit



4-2 TRANSMITTER CIRCUITS

4-2-1 MICROPHONE AMPLIFIER CIRCUIT (MAIN UNIT)

The microphone amplifier circuit amplifies microphone audio signals to a level needed for the DSP circuit.

Audio signals from the [MIC] connector (MIC board; J1, pin 1) are amplified at the audio amplifier section in IC1400 (pins 2, 4), and then applied to the VCA section (IC1400, pin 7). The gain controlled signals are output from (IC1400, pin 9) and amplified at the AF amplifier (IC1401, pins 1–3) and passed through the low-pass filters (IC1401, pins 5–9) and analog switch (IC1310, pins 12, 14). The signals are then applied to the DSP circuit as the DTAF signal.

The VCA section in IC1400 (pins 7–9) controls microphone input gain according to the [MIC GAIN] control level using the MIGV signal coming from the main CPU via the I/O expander (IC502, pin 3).

4-2-2 VOX CIRCUIT (MAIN UNIT)

The VOX (Voice-Operated-Transmission) circuit sets transmitting conditions according to voice input.

When the VOX function is activated, a portion of the microphone signals are amplified at the VOX amplifier (IC1280 pins 3, 1) and applied to main CPU (IC1500, pin 109) via the VOXL line. A portion of the power amplified AF signals from the AF power amplifier (IC1240) are amplified at the anti-VOX amplifier (IC1121, pins 6, 7) and applied to the main CPU (IC1500, pin 110) via the AVXL line. Then the main CPU compares these and controls the transmitter circuit.

4-2-3 DSP TRANSMITTER CIRCUIT (DSP UNIT)

The DSP (Digital Signal Processor) circuit enables PSN (Phase Shift Network)/Low Power/Phase modulation, transmitter monitor, side tone, and etc.

The microphone audio signals from the MAIN unit via the DTAF line are amplified at the differential amplifiers (IC601a/b), and are then applied to the A/D converter section in the CODEC IC (IC501). At the same time, the converted signals are level-shifted 5 V to 3.3 V in the IC (IC501).

The level-shifted signal are applied to the DSP IC (IC301) and modulated at the DSP IC to produce the 36 kHz transmitter IF signal.

The modulated IF signal from the DSP IC is applied to the D/A converter section in the CODEC IC (IC501) to convert into the analog IF signal. Also the signal is level-shifted 3.3 V to 5V at the level converter section in the IC (IC501).

The level-shifted IF signal is passed through the active filter (IC701b), and then applied to the MAIN unit via J901 (pin 22) as the DTIF signal.

4-2-4 SPEECH COMPRESSOR CIRCUIT (DSP UNIT)

The speech compressor compresses the transmitter audio input signals to increase the average output level (average talk power).

When the speech compressor function is ON, the level-shifted signal from the CODEC IC (IC501) is applied to the DSP IC (IC301) and compressed at the DSP IC to obtain an average audio level.

At the same time, the compressed signals are modulated at the DSP IC and applied to the D/A converter section in the CODEC IC (IC501).

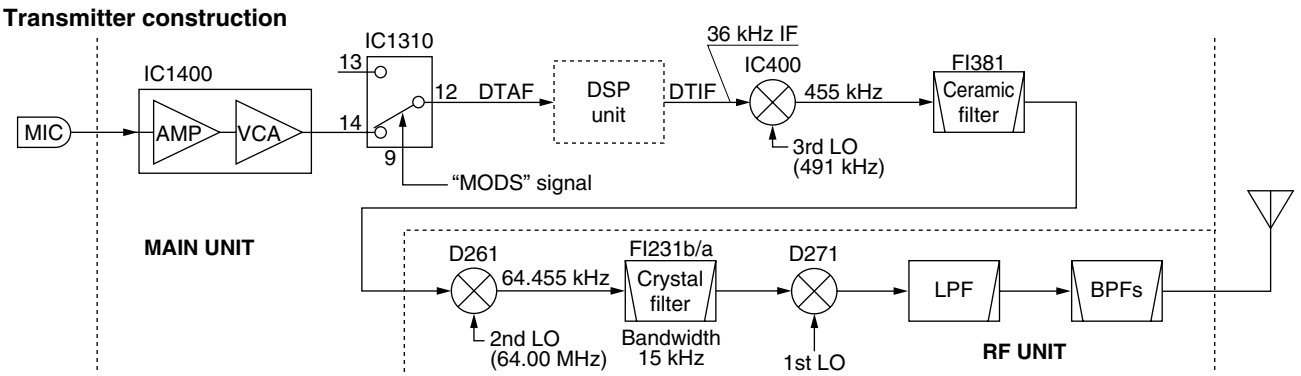
4-2-5 IF AMPLIFIER AND MIXER CIRCUITS (MAIN AND RF UNITS)

The modulated 3rd IF signal from the DSP unit (DTIF: 36 kHz) is amplified at the 3rd IF amplifier (MAIN unit; IC1120a) and passed through the low-pass filters (MAIN unit; IC1120b/c). The filtered signal is applied to the 3rd mixer circuit (MAIN unit; IC400, pin 1). The applied 3rd IF signal is mixed with the 3rd LO signal from the DDS circuit (RF unit; IC1601) to produce a 455 kHz 2nd IF signal.

The 2nd IF signal is output from pin 6 and passed through the ceramic bandpass filter (MAIN unit; FI381) for unwanted signals are suppressed. The filtered 2nd IF signal is amplified at the 2nd IF amplifier (MAIN unit; Q330). The amplified signal is applied to the 2nd mixer circuit on the RF unit via J250.

The 2nd IF signal is mixed with the 64 MHz 2nd LO signal, coming from the PLL circuit, at the 2nd mixer circuit (RF unit; D261) to obtain a 64.455 MHz 1st IF signal. The 1st IF signal is passed through the MCFs (RF unit; FI231b/a) to cut-off the undesired signals, and is then amplified at the 1st IF amplifier (RF unit; Q271) via the T/R switch (RF unit; D251). The amplified 1st IF signal is applied to the 1st IF mixer circuit (RF unit; D271) via the attenuator (RF unit; D272) and low-pass filter circuit.

• Transmitter construction



The operating (transmitting) frequency is produced at the 1st IF mixer circuit (RF unit; D271) by mixing the 1st IF and 1st LO signals. The mixed signal is then applied to the RF circuit.

4-2-6 RF CIRCUIT (RF AND PA UNITS)

The RF circuit amplifies operating (transmitting) frequency to obtain 100 W of RF output.

The signal from the 1st IF mixer is passed through one of the low-pass or bndpass filters (Refer to page 4-1 for bandpass filters used) and high-pass filters after passing through the low-pass filter (RF unit; L285, L286, C286–C289, C291). The filtered RF signal is amplified at the wide-band YGR amplifier (RF unit; IC151), and is then applied to the PA unit via J151.

The signal applied from the RF unit is amplified at the 2 pre-drive (PA unit; Q1, Q2) and drive (DRV board; Q1, Q2) amplifiers. These amplifiers cover all HF, 50 MHz and 144 MHz band amplifying operation.

When operating on the HF or 50 MHz band, the signal from the drive amplifier is power amplified at the HF/50 MHz power amplifier (PA unit; Q5, Q6) via the band switching relay (PA unit; RL2). However, the 144 MHz signal is power amplified at the 144 MHz power amplifier (PA unit; Q201, Q202) to obtain a stable 100 W of RF output power.

The amplified signal is applied to the desired antenna connector via one of 8 low-pass filters.

4-2-7 ALC CIRCUIT (MAIN UNIT)

The ALC (Automatic Level Control) circuit controls the gain of IF amplifiers in order for the transceiver to output a constant RF power set by the [RF PWR] control even when the supplied voltage shifts, etc.

The RF power level is detected at the SWR detector circuit (HF/50 MHz bands: CTRL unit; D2, 144 MHz band: PA unit; D602) to be converted into DC voltage and applied to the MAIN unit as the FOR (HF/50 MHz) or VFOR (144 MHz) signal.

The FOR or VFOR signal is applied to the comparator (IC300, pin 6). The POCV signal, controlled by the [RF PWR] control via the I/O expander (IC502, pin 4), is also applied to the other input (pin 5) for reference. The compared signal is output from pin 7 and applied to the IF amplifiers in the MAIN (Q330) and RF (Q271) units to control amplifying gain.

When the FOR or VFOR signal exceeds the POCV voltage, ALC bias voltage from the comparator controls the IF amplifiers. This adjusts the output power to a specified level from the [RF PWR] control until the FOR (VFOR) and POCV voltages are equalized.

In AM mode, the comparator operates as an averaging ALC amplifier. Q304 turns ON and the POCV voltage is shifted for 40 W AM output power (maximum) through R320.

The ALC bias voltage is also applied to the ALC meter amplifier (IC300, pin 2) to obtain an ALC meter signal (ALCL). The amplified signal is passed through the analog switch (IC 1900, pins 5, 4) and applied to the main CPU (IC1500, pin 107) to drive the S/RF meter via the sub CPU (IC1001) on the DISPLAY board.

An external ALC input from the [ALC] jack or [ACC] sockets is applied to the buffer amplifier (Q307). External ALC operation is identical to that of the internal ALC.

The FOR or VFOR signal is also applied to the power meter amplifier (IC360, pin 3). The amplified signal is applied to the main CPU (IC1500) after being switched by the analog switch (IC1900, pins 12, 14) as an FORL signal to drive the S/RF meter via the sub CPU (DISPALY board; IC1001).

4-2-8 APC CIRCUIT (MAIN UNIT)

The APC (Automatic Power Control) circuit protects the power amplifiers on the PA unit from high SWR and excessive current.

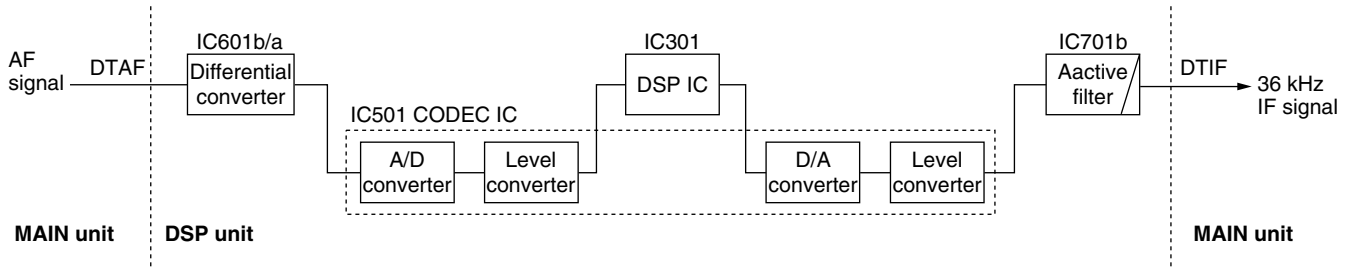
The reflected wave signal appears and increases when the connected antenna is mismatched to 50 Ω. The SWR detector circuit (HF/50 MHz bands; CTRL unit; D1, 144 MHz band; PA unit; D603) detects the reflected signal, and applies it to the APC circuit (IC300, pin 9) as a REF (HF/50 MHz) or VREF (144 MHz) signal.

When the REF or VREF signal level increases, the APC circuit decreases the ALC voltage to activate the APC.

For the current APC, the power transistor current is obtained by detecting the voltages (ICH and ICL) which appear at both terminals of the current detector (PA unit; R28). The detected voltages are applied to the differential amplifier (IC300, pins 12, 13). When the current of transistors is increased, the amplifier controls the ALC line to prevent excessive current flow.

A portion of the REF or VREF signal is applied to the SWR meter amplifier (IC360, pin 5). The amplified signal is applied to the main CPU (IC1500) after being switched by the analog switch (IC1900, pins 2, 15) as an REFL signal to drive the SWR meter.

• DSP receiver circuit



4-2-9 TEMPERATURE PROTECTION CIRCUIT (MAIN AND RF UNITS)

The cooling fan (CHASSIS; MF1) is activated while transmitting or when the temperature of the power amplifier exceeds the preset value. The temperature protection circuit consists of Q801, Q802 and D802 (MAIN unit), IC1101 and Q2003–Q2005 (RF unit), and VARISTOR-A/B/C/D boards.

While transmitting, IC1101 (RF unit) outputs FANL signal to Q2003 (RF unit). Then Q2003 (RF unit) is turned ON, Q801, Q802 (MAIN unit) provide a voltage to the cooling fan to rotate at low speed. The VARISTOR-B board, detects the temperature of Q6; PA unit (VARISTOR-D board for Q202; PA unit), and IC1101 (RF unit) outputs FANM signal and activates Q2004 (RF unit) to accelerate the cooling fan at medium speed when the detected temperature exceeds 70˚C (158˚F). When the detected temperature is at 80˚C (176˚F) or more, IC1101 (RF unit) outputs FANH signal and activates Q20065 (RF unit), the cooling fan rotates at high speed.

The temperature protection circuit keeps the cooling fan rotating even while receiving until the Q6 (PA unit) or Q202's (PA unit) temperature drops to 60˚C (140˚F) or below.

4-2-10 MONITOR CIRCUIT (DSP UNIT AND MAIN UNIT)

The microphone audio signals can be monitored to check voice characteristics.

(1) When FM/AM modes (MAIN UNIT)

A portion of the microphone audio signals are passed through the DSP unit, and then applied to the AF amplifier circuit as the MONI signal.

(2) When SSB/RTTY modes (DSP UNIT)

A portion of the transmit IF signal from the DSP IC (IC301) is mixed with a 36 kHz LO signal to demodulate into the AF signals. The demodulated signals are level-shifted 3.3 V to 5 V at the level converter (IC101) and then applied to the D/A converter (IC102) to convert into the analog AF signal. The AF signals are then applied to the MAIN unit as the MONI signal.

The MONI signal from the DSP unit is amplified at the AF amplifier (MAIN unit; IC1060, pins 5, 7) and passed through the analog switch (MAIN unit; IC1040) and then applied to IC1180 (MAIN unit). The applied signal is amplified at the AF amplifier section (pins 2, 4) and volume controlled at the VCA section (pins 7, 9). The volume controlled AF signals is applied to the AF amplifier circuit (MAIN unit; IC1240).

4-3 PLL CIRCUITS

4-3-1 GENERAL

The PLL circuits generate a reference frequency (32.000 MHz); 1st LO frequencies (64.485–238.455 MHz); 2nd LO frequency (64 MHz), 3rd LO frequency (419.000 kHz).

The 1st LO PLL adopts a mixer-less dual loop PLL system and has 4 VCO circuits which cover from 30 kHz to 174 MHz. The 1st LO and 3rd LO use DDSs, while the 2nd LO uses the fixed frequency of the crystal oscillator.

4-3-2 1ST LO PLL CIRCUIT (RF UNIT)

The 1st LO PLL contains a main and reference loop as a dual loop system.

The reference loop generates an approximate 10.8 MHz frequency using a DDS circuit, and the main loop generates a 64.485 to 238.455 MHz frequency using the reference loop frequency.

(1) REFERENCE LOOP PLL

The oscillated signal at the reference VCO (Q1301, D1301) is amplified at the amplifiers (Q1302, Q1102) and is then applied to the DDS IC (IC1101, pin 46). The signal is then divided and detected on phase with the DDS generated frequency.

The detected signal output from the DDS IC (pin 56) is converted into DC voltage (lock voltage) at the loop filter (R1135, R1138, C1121) and then fed back to the reference VCO circuit (Q1301, D1301).

(2) MAIN LOOP PLL

The oscillated signal at one of the main loop VCOs (VCO board, Q1201, D1201, Q1221, D1221, Q1241, D1241, Q1261, D1261) is amplified at the buffer amplifiers (PLL board, IC1802, Q1281) and is then applied to the PLL IC (IC1801, pin 4). The signal is then divided and detected on phase with the reference loop output frequency.

The detected signal output from the PLL IC (pin 13) is converted into a DC voltage (lock voltage) at the loop filter and then fed back to one of the VCO circuits (VCO board, Q1201, D1201, Q1221, D1221, Q1241, D1241, Q1261, D1261).

The oscillated signal from the buffer amplifier (IC1802) is also applied to the MAIN unit as a 1st LO signal after being doubled or passed through the low-pass filter.

• Using VCO and 1st LO frequencies

Operating frequency	Using VCO	1st LO frequency
0.03–7.999999 MHz	Q1201, D1201	64.4850–72.454999 MHz
8.0–21.999999 MHz	Q1221, D1221	72.4550–86.454999 MHz
22.0–39.999999 MHz	Q1241, D1241	86.4550–104.454999 MHz
40.0–60.000000 MHz	Q1261, D1261	104.4550–124.455000 MHz
108.0–143.999999 MHz	Q1241, D1241	172.4550–208.454999 MHz (with doubler)
144.0–174.000000 MHz	Q1261, D1261	208.4550–238.455000 MHz (with doubler)

4-3-3 2ND LO AND REFERENCE OSCILLATOR CIRCUITS (RF UNIT)

The reference oscillator (X1901, Q1901) generates a 32.0 MHz frequency for the 2 DDS circuits as a system clock and for the LO output. The oscillated signal is doubled at the doubler circuit (Q1903, Q1904) and the 64.0 MHz frequency is picked up at the double tuned filter (L1903, L1904). The 64.0 MHz signal is applied to the RF circuit as a 2nd LO signal.

4-3-4 3RD LO CIRCUIT (RF UNIT)

The DDS IC (IC1601) generates a 10-bit digital signal using the 32 MHz system clock. The digital signal is converted into an analog wave signal at the D/A converter (R1601–R1620). The converted analog wave is passed through the bandpass filter (L1602, L1603, L1605, C1609–C1613, C1615–C1617) and then applied to the MAIN unit as the 3rd LO signal (491.000 kHz).

4-3-5 MARKER CIRCUIT (RF UNIT)

The divided signal at the DDS circuit (IC1101) is used for the marker signals with the IC-746PRO/7400.

The reference signal for the DDS circuit (32.0 MHz) is divided by 2 to produce an acceptable frequency signal, 16 MHz, with the programmable divider then divided again by 160 to obtain 100 kHz cycle square-wave signals.

The generated marker signals are output from pin 49 of the DDS IC (IC1101) and then applied to the 1st mixer circuit (Q211, Q212) via the marker switch (IC1081) as the MKR signal.

4-4 ANTENNA TUNER CIRCUITS

4-4-1 MATCHING CIRCUIT (TUNER UNIT)

The matching circuit is a T-network. Using 2 tuning motors, the matching circuit obtains rapid overall tuning speed.

Using relays (RL1–RL15), the relay control signals from the antenna tuner CPU (CTRL unit; IC5) via the buffer amplifier (Q1–Q15) ground one of the taps of L3–L9, L11, L12 and add capacitors (C34–C43). After selecting the coils and capacitors, 2 motors (MF1, MF2) adjust C44 and C45 using the antenna tuner CPU (CTRL unit; IC5) and the motor driver circuit (CTRL unit; Q211–Q218) to obtain a low SWR (Standing Wave Ratio).

4-4-2 DETECTOR CIRCUITS (CTRL UNIT)

(1) SWR detector

Forward and reflected power are picked up by a current transformer (L1), detected by D1 and D2, and then amplified at IC1b and IC1a, respectively. The amplified voltages are applied to the antenna tuner CPU (IC5, pins 2, 3). The antenna tuner CPU detects the SWR.

(2) Reactance components detector

Reactance components are picked up by comparing the phases of the RF current and RF voltage. The RF current is detected by L4 and R16, and rectified at D5. The rectified current is amplified at the C-MOS inverter amplifier (IC14e) and buffer amplifier (IC2a). The amplified signal is then applied to the phase comparator (IC3a).RF voltage is detected by C12–C14 and rectified at D4. The rectified voltage is amplified at the C-MOS inverter amplifier (IC14c) and buffer amplifer (IC2b). The amplified signal is then applied to the phase comparator (IC3b).

The output signal from the phase comparator (IC3a, pin 6 for RF current, IC3b pin 7 for RF voltage) is rectified at D7 and D6 for conversion into DC voltage. The rectified voltages are combined, and amplified at IC4b, then applied to the antenna tuner CPU (IC5, pin 64).

A C-MOS inverter IC is used for the buffer-amplifier (IC14) to improve functionable sensitivity. The C-MOS inverter amplifier is very responsive, and ensure quick and stable signal detection, even at a low RF signal level input.

(3) Resistance components detector

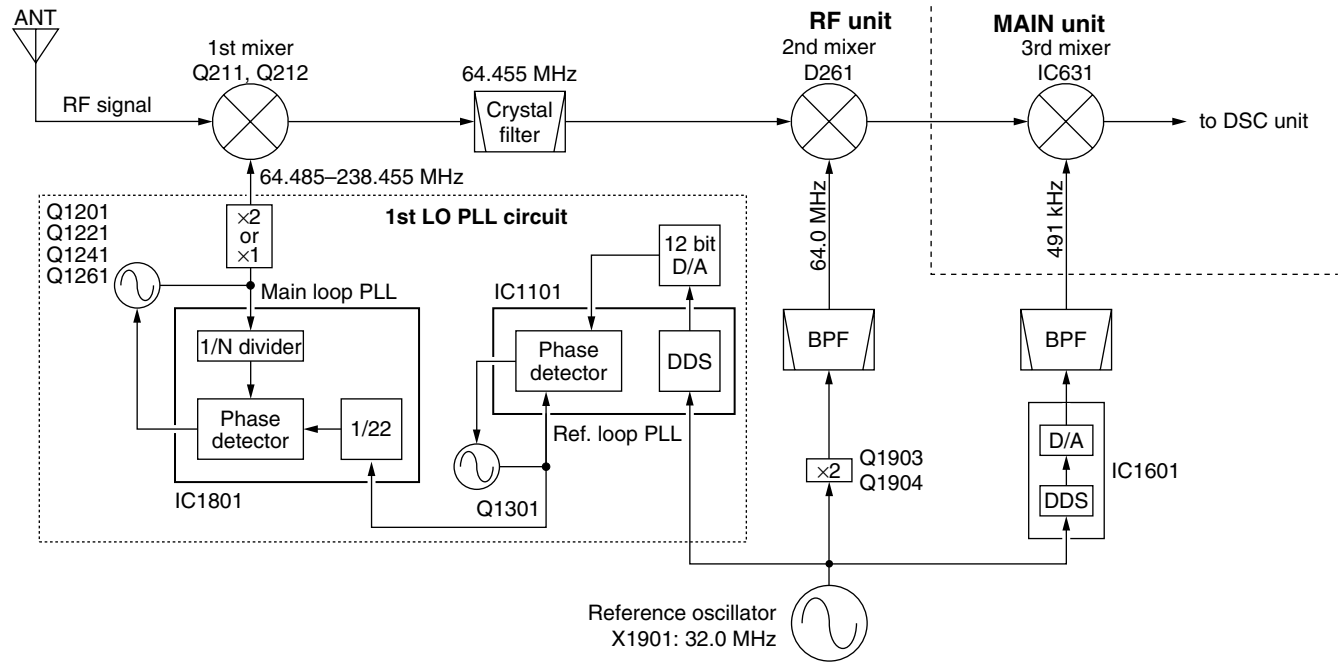
Resistance components are picked up by L8, and detected by D8, D9 and Q5. The detected resistance components are amplified at the amplifier (IC4a), and then applied to the antenna tuner CPU (IC5, pin 1).

4-4-3 MOTOR CONTROL CIRCUIT

The control circuit of the internal antenna tuner consists of the CPU, EEPROM*, tuning motors and tuning relays.

*Electronically-Erasable Programmable Read Only Memory

• PLL circuit



(1) CPU and EEPROM (CTRL unit)
The antenna tuner CPU (IC5) controls the tuning motors via the motor driver circuit (Q211–Q218) and tuning relays directly, and memorizes the best preset position in 100 kHz steps. The memory contents are stored in the EEPROM (IC6) without a backup battery.

(2) Tuning motors (CTRL unit)
The motor driver circuit (Q211–Q218) rotates the tuning motors (MF1, MF2) to obtain a low SWR.

(3) Tuning relays (TUNER unit)
According to the operating frequency band and antenna condition, tuning relays select the capacitors (C34–C43) and coils (L3–L9, L11, L12).

4-4-4 ANTENNA TUNER CPU PORT ALLOCATION (CTRL unit; IC5)

Pin number	Port name	Description
1	AN2	Input port for the resistance components detection voltage.
2	AN1	Input port for the reflected RF power voltage.
3	AN0	Inpout port for the forward RF power voltage.
4	PWRS	Input port for the transceiver power OFF.
7	SETI	Input port for the reference voltage setting.
13	CIKY	Outputs tuner data signal.
15	CIST	Input port for the serial signal.
17	THRU	Outputs the [TUNER] ON/OFF signal.
19	CDRS	Input port for reset signal.
21	TRC	Input port for the TX/RX switching signal.
22, 23	XIN, XOUT	Input ports for the antenna tunner CPU system clock.
25, 34–36 38–40	NVHF, CO3, CO2, CO1, CI3, CI2, CI1	Output the capacitor selection signals.
26–32	VHF, 24M, 18M, 14M, 10M, 7M, 4M	Output the coil selection signals.
41–44	P07–P04	Output ports for the tuning motor (MF2) drive signals.
45–48	P03–P00	Output ports for the tuning motor (MF1) drive signals.
64	AN3	Input port for the reactance components detection voltage.

4-5 POWER SUPPLY CIRCUITS

4-5-1 PA UNIT

Line	Description
H14V	The voltage from an external power supply via the common filter circuit (FILTER board, L1).
HV	The same voltage as the H14V line passed through a fuse.
14VS	The same voltage as the HV line passed through the switching relay (RL1).
14V	The same voltage as the 14VS line passed through coils (L22, L23).
8V	Common 8 V converted from the 14V line and regulated by the +8 regulator circuit (IC3).
5V	Common 5 V converted from the 14V line and regulated by the +5 regulator circuit (IC2).
H5V	Common 5 V converted from the HV line and regulated by the +5 regulator circuit (IC1).

4-5-2 S-LOGIC BOARD

Line	Description
–8 V	Common –8 V converted from the 14V line and regulated by the –8 V DC-DC converter (IC401).

4-5-3 MAIN UNIT

Line	Description
R8V	Receive 8 V converted from the 14V line and regulated by the R8V regulator circuit (Q451, Q453).
T8V	Transmit 8 V converted from the 14V line and regulated by the T8V regulator circuit (Q450, Q452).

4-5-4 PLL UNIT

Line	Description
5VPLL	Common 5 V converted from the 8V line and regulated by the 5 V regulator circuit (IC1051).

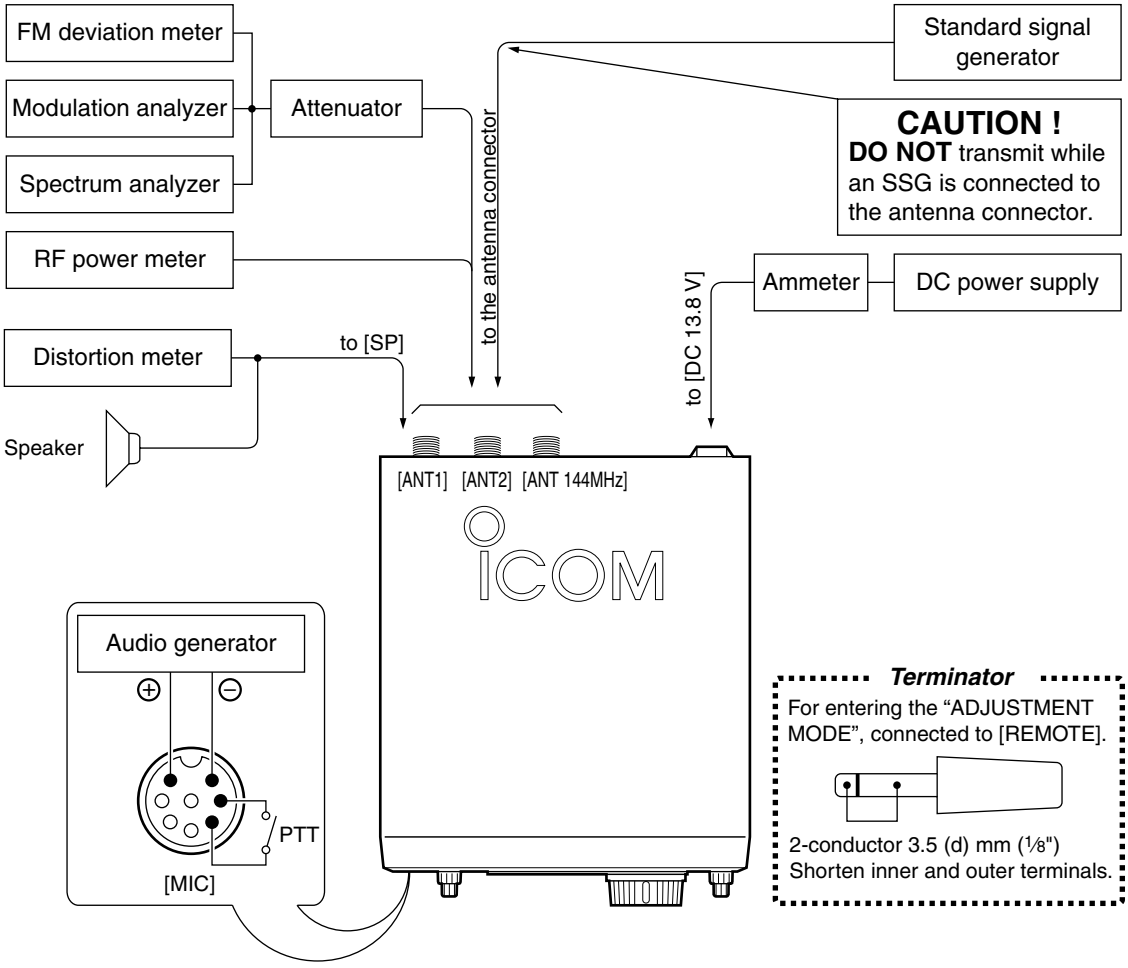
SECTION 5 ADJUSTMENT PROCEDURES

5-1 PREPARATION BEFORE SERVICING

■ REQUIRED TEST EQUIPMENT

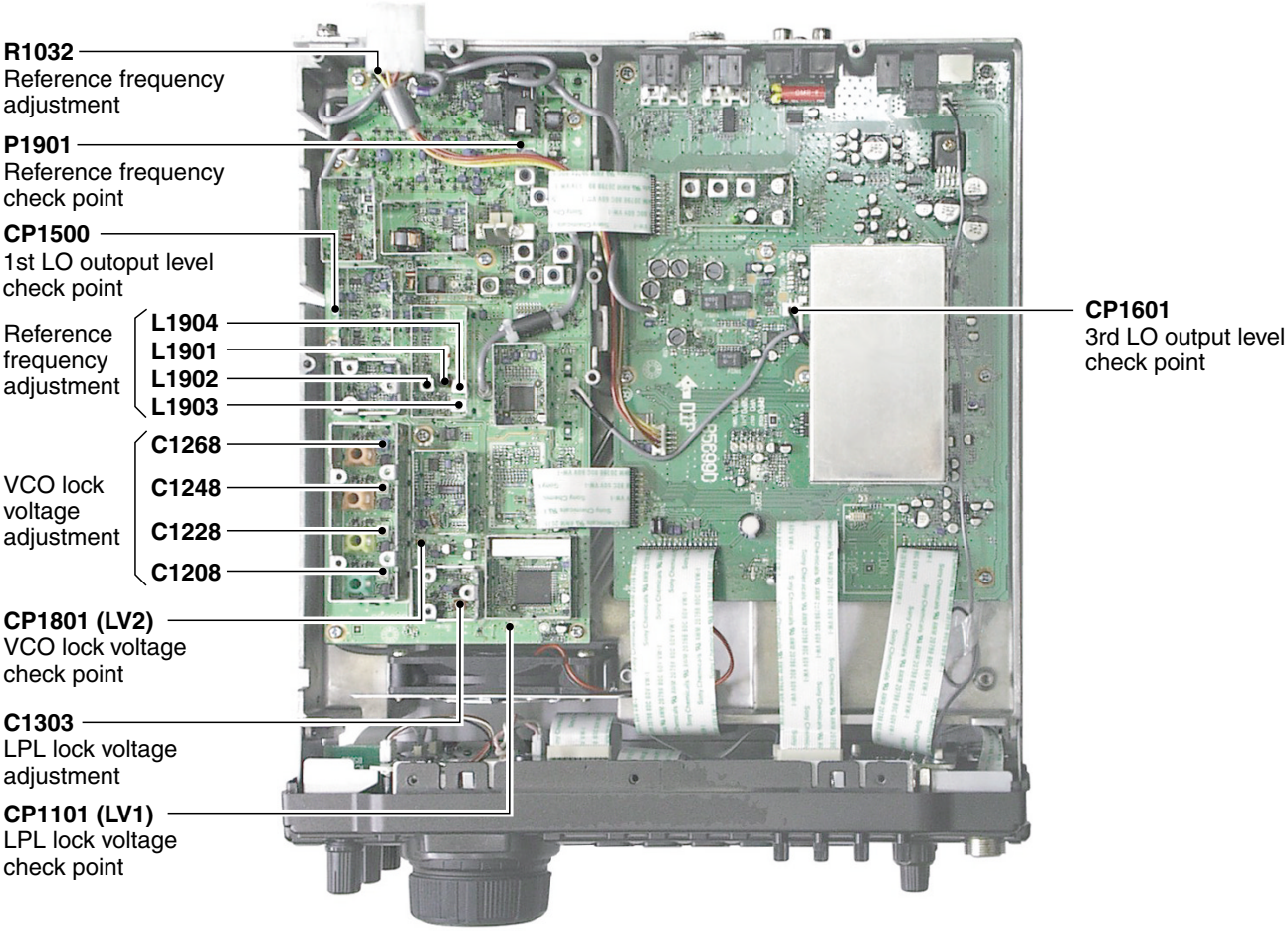
EQUIPMENT	GREDE AND RANGE	EQUIPMENT	GREDE AND RENGE
DC power supply	Output voltage : 13.8 V DC Current capacity : 30 A or more	Audio generator	Frequency range : 300–3000 Hz Measuring range : 1–500 mV
RF power meter (terminated type)	Measuring range : 10–200 W Frequency range : 1.8–200 MHz Impedance : 50 Ω SWR : Less than 1.2 : 1	Standard signal generator (SSG)	Frequency range : 0.1–200 MHz Output level : 0.1 µV to 32 mV (–127 to –17 dBm)
Frequency counter	Frequency range : 0.1–200 MHz Frequency accuracy : ±1 ppm or better Sensitivity : 100 mV or better	Digital multimeter	Imput impeadance : 10 MΩ/DC or beter
RF voltmeter	Frequency range : 0.1–200 MHz Measuring range : 0.01–10 V	AC millivoltmeter	Measuring range : 10 mV–10 V
FM deviation meter	Frequency range : DC–200 MHz Measuring range : 0 to ±5 kHz	DC voltmeter	Input impedance : 50 kΩ/V DC or better
Modulation analyzer	Frequency range : At least 200 MHz Measuring range : 0–100 %	DC ammeter	Measurement capability: 1 A/30 A
Distortion meter	Frequency range : 1 kHz ±10 % Measuring range : 1–100 %	Spectrum analyzer	Frequency range : At least 90 MHz Spectraum bandwidth : 100 kHz or more
Oscilloscope	Frequency range : DC–20 MHz Measuring range : 0.01–20 V	Attenuator	Power attenuation : 50 or 60 dB Capacity : 150 W or more
		External speaker	Input impedance : 8 Ω Capacity : 5 W or more
		Terminator	Resistance : 50 Ω and 100 or 25 Ω Capacity : 150 W or more

■ CONNECTIONS



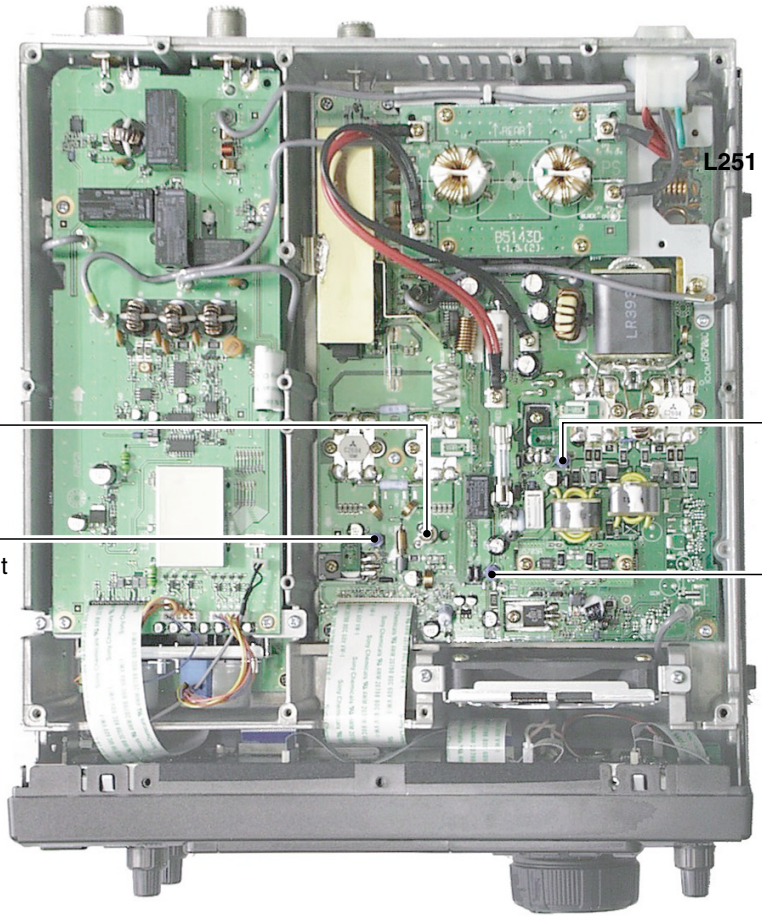
5-2 PLL ADJUSTMENTS

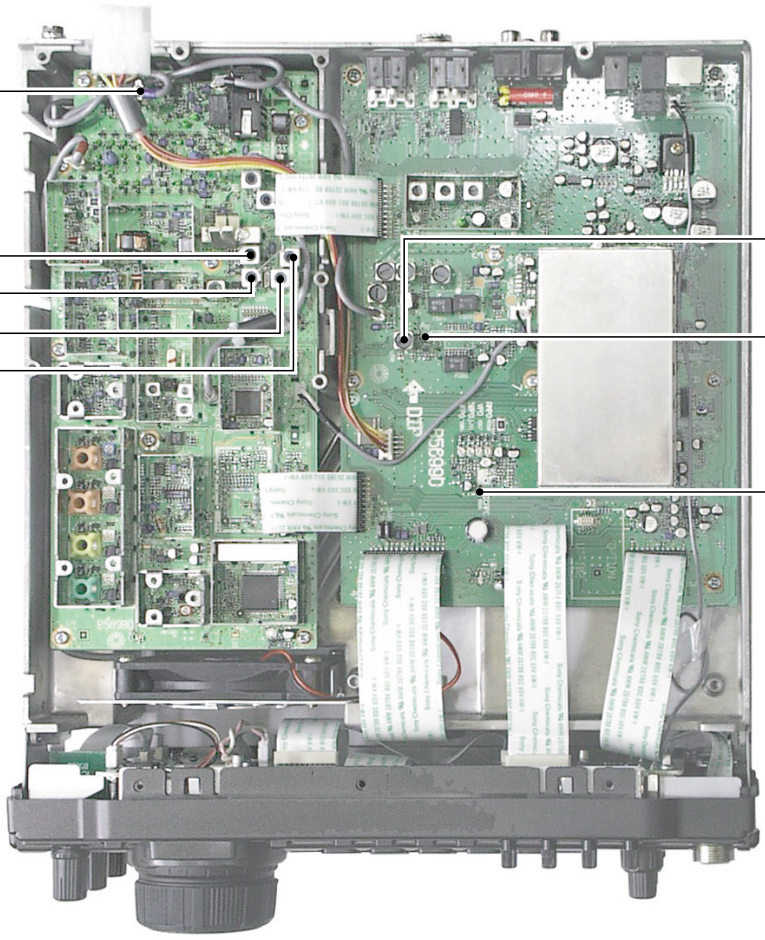
ADJUSTMENT		ADJUSTMENT CONDITION	MEASUREMENT		VALUE	ADJUSTMENT POINT	
			UNIT	LOCATION		UNIT	ADJUST
REFERENCE FREQUENCY	1	• Displayed freq. : Any • Preset R1032 (RF unit) to the center position. • Preset L1902 (RF unit) approximate 1.5 mm downside from top of the coil's case. • Receiving	RF	Connect an RF voltmeter to the check point P1901.	Maximum level (0 dB or more)	RF	L1903, L1904
	2	• Receiving		Connect a frequency counter to the check point P1901.	64.000000 MHz		L1901 (L1902, R1032 for critical adjustment)
LPL LOCK VOLTAGE	1	• Displayed freq. : 0.030000 MHz • Mode : USB • Receiving	RF	Connect a digital multimeter or oscilloscope to the check point CP1101 (LV1).	1.0 V	RF	C1303
VCO LOCK VOLTAGE	1	• Displayed freq. : 7.999999 MHz • Mode : USB • Receiving	RF	Connect a digital multimeter or oscilloscope to the check point CP1801 (LV2).	4.0 V	RF	C1208
	2	• Displayed freq. : 21.999999 MHz • Mode : USB • Receiving					C1228
	3	• Displayed freq. : 39.999999 MHz • Mode : USB • Receiving					C1248
	4	• Displayed freq. : 60.000000 MHz • Mode : USB • Receiving					C1268
1LO OUTPUT LEVEL	1	• Displayed freq. : 0.500000 MHz, 7.999999 MHz 8.000000 MHz, 21.999999 MHz 22.000000 MHz, 39.999999 MHz 40.000000 MHz, 50.000000 MHz 54.000000 MHz, 144.000000 MHz, 148.000000 MHz • Receiving	RF	Connect an RF voltmeter to the check point CP1500.	–7 dBm or more		Verify
3LO OUTPUT LEVEL	1	• Displayed freq. : Any • Mode : USB • Receiving	RF	Connect an RF voltmeter to the check point CP1601.	–25 dBm or more		Verify
MARKER OUTPUT LEVEL	1	• Displayed freq. : 14.100000 MHz • Mode : CW • Marker : ON • Receiving	FRONT	Display	S3 or more (S-meter level)		Verify


R1032
Reference frequency adjustment
P1901
Reference frequency check point
CP1500
1st LO outoput level check point
Reference frequency adjustment
L1904
L1901
L1902
L1903
VCO lock voltage adjustment
C1268
C1248
C1228
C1208
CP1801 (LV2)
VCO lock voltage check point
C1303
LPL lock voltage adjustment
CP1101 (LV1)
LPL lock voltage check point
CP1601
3rd LO output level check point

5-3 TRANSMITTER ADJUSTMENTS

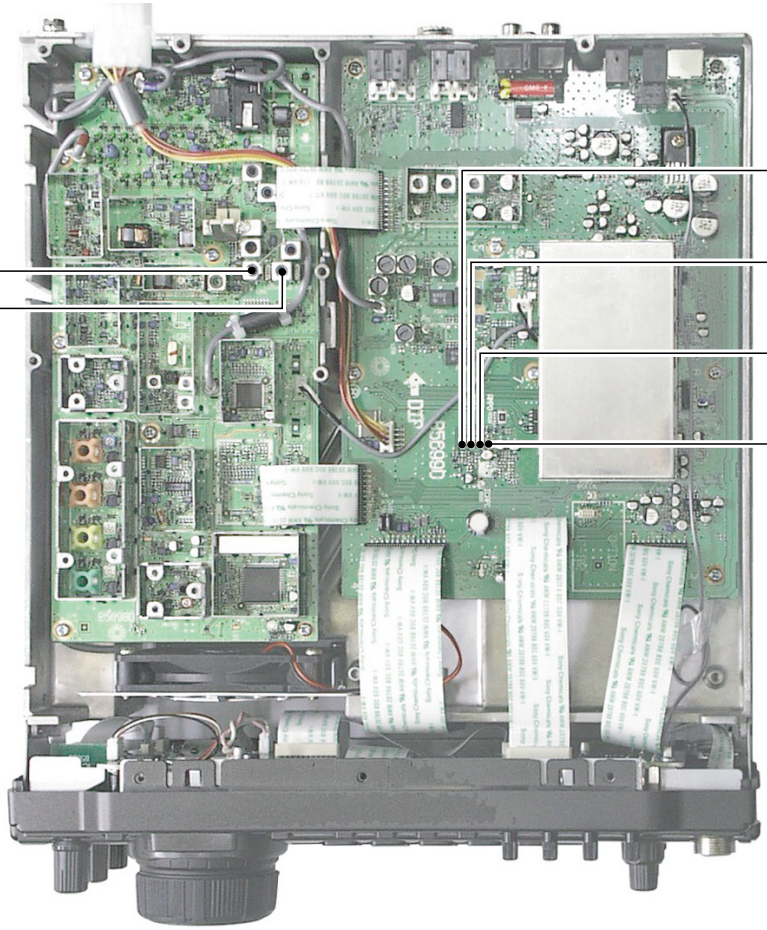
ADJUSTMENT		ADJUSTMENT CONDITION	MEASUREMENT		VALUE	ADJUSTMENT POINT	
			UNIT	LOCATION		UNIT	ADJUST
IDLING CURRENT (for driver)	1	• Displayed freq. : 14.100000 MHz • Mode : USB • [MIC GAIN] : Max.CCW • [RF POWER] : Max. CW • [TUNER] : OFF • Preset R11, R18, R204 (PA unit) to max. counter clockwise. • Turn C202 (PA unit) to 90˚ clockwise. • Transmitting	PA	Connect an ammeter between the power supply and the IC-746PRO/7400.	+2.5 A	PA	R11
(for HF/50 M band final amplifier)	2	• Transmitting			+300 mA		R18
(for 144 M band final amplifier)	3	• Displayed freq. : 144.00000 MHz • Mode : USB • Transmitting			+1 A		R204
		After adjustment, disconnect the ammeter between the power supply and the IC-746PRO/7400.					
144 M PEAK	1	• Displayed freq. : 146.00000 MHz [USA] 144.00000 MHz [except USA] • Mode : RTTY • Transmitting	Rear panel	Connect an RF power meter to the [ANT 144MHz] connector.	Maximum output power	PA	C202
TX PEAK	1	• Displayed freq. : 145.00000 MHz • Mode : USB • Set following controls as: [RF POWER] : Max. CW [MIC GAIN] : Center [KEY SPEED] : Center [PITCH] : Center • Disconnect P1 (PA unit) from J151 (RF unit). • Connect an audio generator to [MIC] connector and set as: Frequency : 1.5 kHz Level : 1 mVrms • Transmitting	RF	Connect a digital multimeter or oscilloscope to the check point J151.	Maximum output Level	RF	Adjust in sequence L253, L252, L251, L272 several times.
		After adjustment, re-connect P1 (PA unit) to J151 (RF unit).					
	2	• Displayed freq. : 14.100000 MHz • Mode : USB • Connect an audio generator as: Frequency : 1.5 kHz Level : 1 mVrms • Transmitting	Rear panel	Connect an RF power meter to the [ANT1] connector.	50 W	Front panel	[MIC GAIN] control
	3	• Transmitting			Maximum output power	MAIN	L330
TRANSMITTER TOTAL GAIN	1	• Displayed freq. : 14.100000 MHz • Mode : USB • [MIC GAIN] : Center • Connect an audio generator to [MIC] connector and set as: Frequency : 1.5 kHz Level : 1 mVrms • Transmitting	Rear panel	Connect an RF power meter to [ANT1] connector.	50 W	MAIN	R331
Ic APC	1	• Mode : RTTY • Connect CP300 to GND. • Transmitting on the maximum TX current band.	Rear panel	Connect an ammeter between power supply and the IC-746PRO/7400.	23 A	MAIN	R555

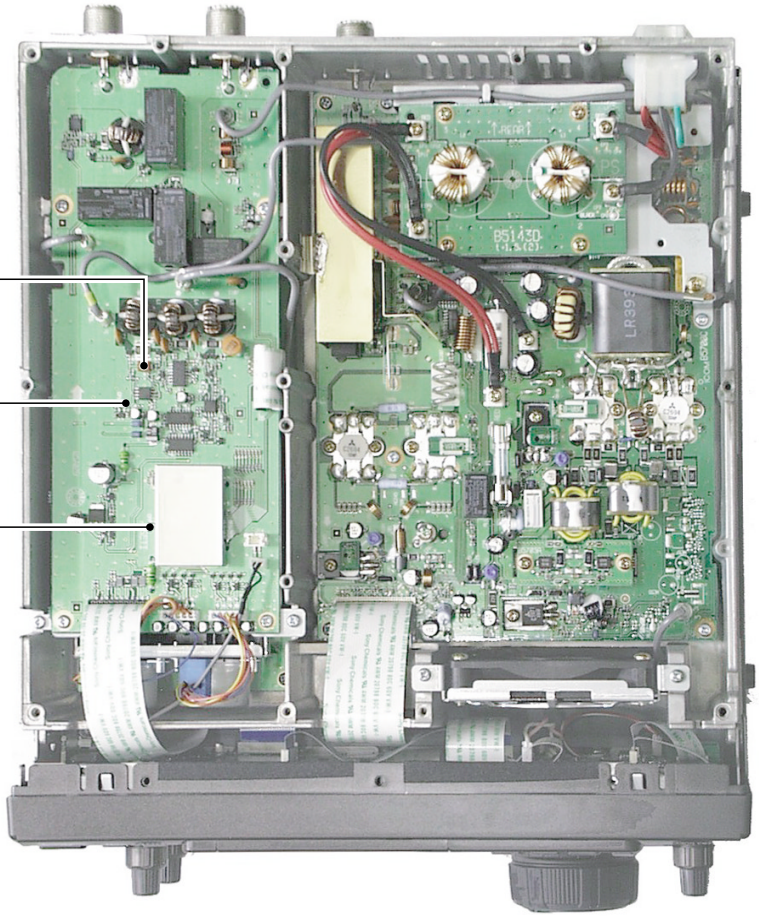

L251
C202
TX peak adjustment
R204
Idling current adjustment
for 144 MHz band
final amplifier
R18
Idling current adjustment
for HF/50 MHz bands
final amplifier
R11
Idling current adjustment
for driver


J151
TX peak check point
TX peak
adjustment
L271
L251
L252
L253
L330
TX peak adjustment
R546
Transmitter total
gain adjustment
R555
Ic APC adjustment

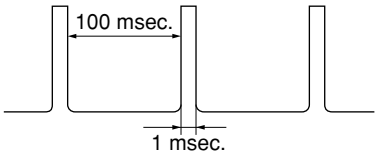
TRANSMITTER ADJUSTMENTS—continued

ADJUSTMENT		ADJUSTMENT CONDITION	MEASUREMENT		VALUE	ADJUSTMENT POINT	
			UNIT	LOCATION		UNIT	ADJUST
HF BANDS OUTPUT POWER	1	• Displayed freq. : 14.10000 MHz • Mode : RTTY • [RF POWER] : Max. CW • [TUNER] : OFF • Transmitting	Rear panel	Connect an RF power meter to [ANT1] connector.	100 W	MAIN	R306
50 M BAND OUTPUT POWER	1	• Displayed freq. : 51.00000 MHz • Mode : RTTY • [RF POWER] : Max. CW • [TUNER] : OFF • Transmitting	Rear panel	Connect an RF power meter to [ANT1] connector.	100 W	MAIN	R311
144 M BAND OUTPUT POWER	1	• Displayed freq. : 145.00000 MHz • Mode : RTTY • [RF POWER] : Max. CW • [TUNER] : OFF • Transmitting	Rear panel	Connect an RF power meter to [ANT 144MHz] connector.	100 W	MAIN	R317
AM CARRIER	1	• Displayed freq. : 14.10000 MHz • Mode : AM • [RF POWER] : Max. CW • [MIC GAIN] : Center • Apply no audio signals to [MIC] connector. • Transmitting	Rear panel	Connect an RF power meter to [ANT 144MHz] connector.	40 W	MAIN	R320
AM MODULATION	1	• Displayed freq. : 14.10000 MHz • Mode : AM • [MIC GAIN] : Center • [RF POWER] : Max. CCW • Connect an audio generator to [MIC] connector and set as: Frequency : 1 kHz Level : 10 mVrms • Transmitting	Rear panel	Connect a modulation analyzer to [ANT1] connector through an attenuator.	100% or less		Verify
FM DEVIATION	1	• Displayed freq. : 28.50000 MHz • Mode : FM • Tone : OFF • [RF POWER] : Max. CW • [MIC GAIN] : Center • Connect an audio generator to [MIC] connector and set as: Frequency : 1 kHz Level : 10 mVrms • Transmitting	Rear panel	Connect an FM deviation meter to [ANT1] connector through an attenuator.	4.5 kHz ±0.3 kHz		Verify
RESIDUAL AM	1	• Displayed freq. : 145.00000 MHz • Mode : FM • Tone : OFF • [RF POWER] : Max. CW • [MIC GAIN] : Center • Connect an audio generator to [MIC] connector and set as: Frequency : 1 kHz Level : 4.5 kHz deviation at the connected deviation meter. • Transmitting	Rear panel	Connect an FM deviation meter to [ANT 144MHz] connector through an attenuator.	Minimum RESIDUAL AM level	RF	L252, L251
SWR DETECTOR		• Displayed freq. : 29.70000 MHz • Mode : FM • [RF POWER] : Max. CW • [TUNER] : OFF (Through) • Connect CP7 (SETI) on the CTRL unit to GND. • Connect a 50 Ω dummy load or an RF power meter to [ANT1] connector. • Transmitting	CTRL	Connect a digital multimeter or oscilloscope to the check point CP1.	Minimum voltage	CTRL	C3
		After adjustment, disconnect CP7 (CTRL unit) from GND.					

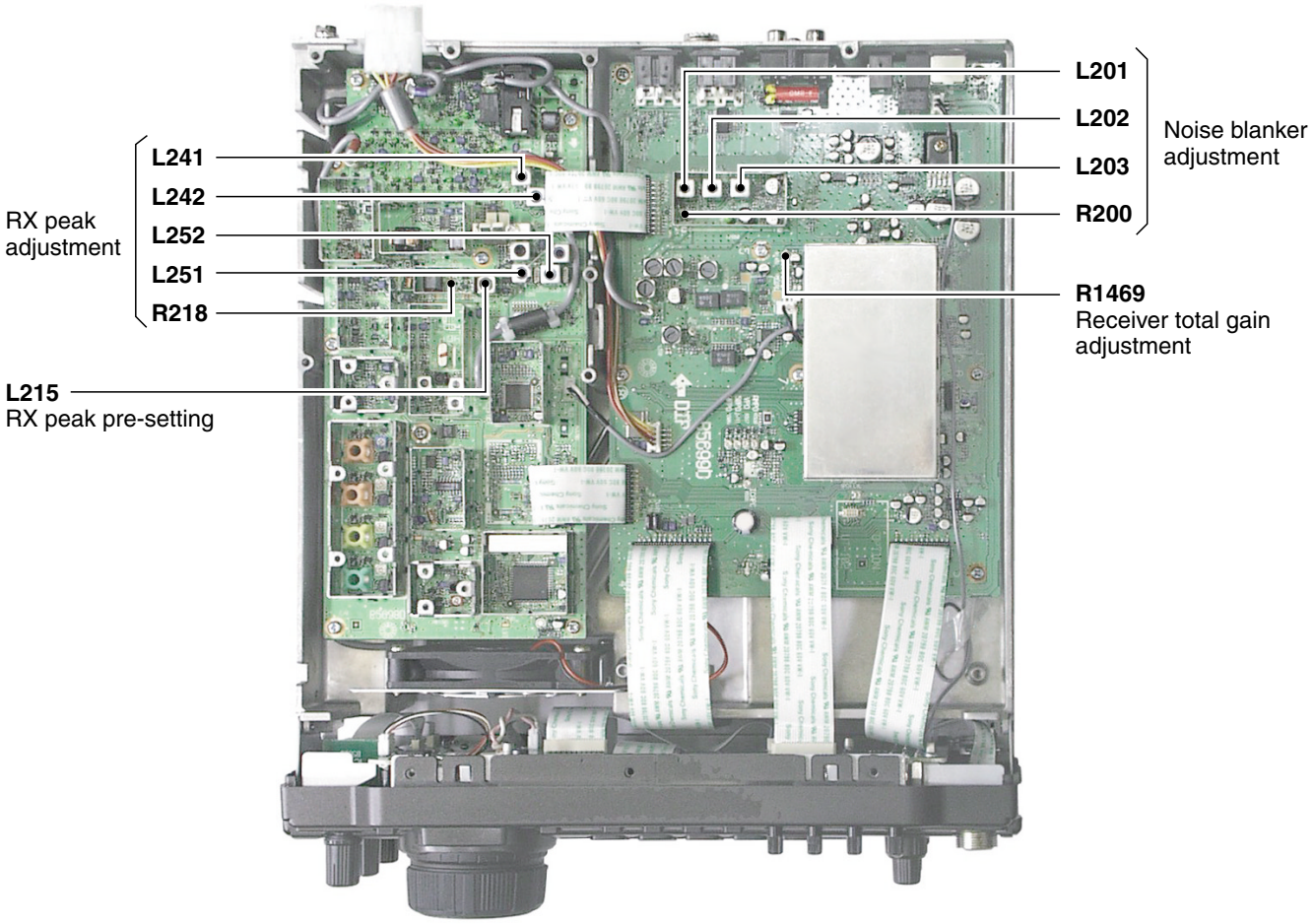

Residual AM adjustment
L251
L252
R306
HF bands output power adjustment
R311
50 MHz band output power adjustment
R317
144 MHz band output power adjustment
R320
AM carrier power adjustment


C3
SWR detector adjustment
CP1
SWR detector check point
CP1 (SETI)
SWR detector pre-setting

5-4 RECEIVER ADJUSTMENTS

ADJUSTMENT		ADJUSTMENT CONDITION	MEASUREMENT		VALUE	ADJUSTMENT POINT	
			UNIT	LOCATION		UNIT	ADJUST
RX PEAK	1	• Displayed freq. : 14.100000 MHz • Mode : USB • Set following selections, controls and functions as: [RF/SQL] : Center [PITCH] : Center [AGC] : OFF , [ATT] : OFF [NB] : OFF , [RIT] : OFF PBT1 : Center, PBT2 : Center [P.AMP] : P.AMP1 IF Filter : 2.4 kHz [NR] switch : OFF [NOTCH] switch: OFF • Preset L215 (RF unit) to 2 rotation downside from top of the coil's case. • Connect an SSG to [ANT1] connector and set as: Frequency : 14.101500 MHz Level : 10 µV* (–87 dBm) Modulation : 1 kHz/±3.5 kHz dev. • Receiving	Rear panel	Connect an AC millivolt meter to [EXT SP] connector with an 8 Ω load.	Maximum audio output level	RF	L252, L251
	2	• Mode : FM • Filter : 15 kHz • Set an SSG as : Frequency : 14.100000 MHz Level : 1 mV* (–47 dBm) Modulation : 1 kHz/±5.0 kHz Dev. • Receiving		Connect an distortion meter to [EXT SP] connector with an 8 Ω load.	Minimum distortion level		L242, L241
	3	• Displayed freq. : 0.03000 MHz • Set an SSG as : Level : OFF • Receiving		Connect an AC millivolt meter to [EXT SP] connector with an 8 Ω load.	Minimum noise output level		R218
RECEIVER TOTAL GAIN	1	• Displayed freq. : 14.100000 MHz • Mode : USB • Filter : 2.4 kHz • [P.AMP] : OFF • Set an SSG as : Frequency : 14.101500 MHz Level : 160 mV* (–3 dBm) Modulation : 1 kHz/±5.0 kHz dev. • Receiving	MAIN	Connect an oscilloscope to the check point CP1460.	4.0 Vp-p	MAIN	R1469
NOISE BLANKER	1	• Displayed freq. : 14.100000 MHz • Mode : USB • [P.AMP] : P.AMP1 • [NB] : OFF • [NB LEVEL] : 50% • Set an SSG as : Frequency : 14.101500 MHz Level : 18 µV* (–82 dBm) Modulation : OFF and apply following signal to [ANT1] connector.  • Preset R200 (MAIN unit) to the 12 o'clock position. • Receiving	MAIN	Connect an oscilloscope to the check point CP200.	Maximum noise level	MAIN	L201, L202, L203
	2	• [NB] : ON • Receiving			At the point where the voltage just reduces.		R200

*This output level of a standard signal generator (SSG) is indicated as SSG's open circuit.


L241
L242
L252
L251
R218
RX peak adjustment
L215
RX peak pre-setting
L201
L202
L203
R200
Noise blanker adjustment
R1469
Receiver total gain adjustment

5-5 ADJUSTMENT MODE

ADJUSTMENT		ADJUSTMENT CONDITION	DISPLAY	OPERATION
ENTERING ADJUSTMENT MODE	1	• Enter the adjustment mode: ① Turn power OFF. ② Terminate the [REMOTE] jack with a 3.5(d) mm mini-plug. ③ While pushing [MENU] and [SSB], turn power ON.	D163E 0.70-0 TX RX 1.40-0	Push [F1 (TX)] or [F2 (RX)] to select each adjustment mode. Once enterring adjustment mode, use [F2 (▼)] to skip items, or [F1 (▲)] to return the opening display.
		CAUTION: **NEVER** select ajustment items [F-1 (TX)] while transceiver is connected to an SSG. Because transceiver automatically transmits when most transmit items in the [F-1 (TX)] is selected.		
TX ADJUSTMENT	1	• Connect an RF power meter to [ANT1] connector and [ANT 144M] connector. • Connect a 100 Ω or 25 Ω dummy load to [ANT2] connector. • Connect an audio generator to [MIC] connector and set as: Frequency : 1.5 kHz Level : 10 mVrms	D163E 0.70-0 TX RX 1.40-0	Push [F1 (TX)] to enter the TX adjustment.
	2		POWER HF/50M 0% ▲ ▼ chk SET	Push [F5 (SET)] to set and to step next.
	3		POWER HF Tuner ▲ ▼ chk SET	Set the output power to 10 W using [MAIN DIAL]. Then push [F5 (SET)] to store the “POWER HF Tuner” meter into memory, and to step next.
	4		POWER HF 20% ▲ ▼ chk SET	Set the output power to 20 W using [MAIN DIAL]. Then push [F5 (SET)] to store the “POWER HF 20%” meter into memory, and to step next.
	5		POWER HF 50% ▲ ▼ chk SET	Set the output power to 50 W using [MAIN DIAL]. Then push [F5 (SET)] to store the “POWER HF 50%” meter into memory, and to step next.
	6		POWER HF 100% ▲ ▼ chk SET	Set the output power to 90 W using [MAIN DIAL]. Then push [F5 (SET)] to store the “POWER HF 100%” meter into memory, and to step next.
	7		POWER 50M Tuner ▲ ▼ chk SET	Set the output power to 10 W using [MAIN DIAL]. Then push [F5 (SET)] to store the “POWER 50M Tuner” meter into memory, and to step next.
	8		POWER 144M 0% ▲ ▼ chk SET	Push [F5 (SET)] to set and to step next.
	9		POWER 144M 20% ▲ ▼ chk SET	Set the output power to 20 W using [MAIN DIAL]. Then push [F5 (SET)] to store the “POWER 144M 20%” meter into memory, and to step next.
	10		POWER 144M 50% ▲ ▼ chk SET	Set the output power to 50 W using [MAIN DIAL]. Then push [F5 (SET)] to store the “POWER 144M 50%” meter into memory, and to step next.
	11		POWER 144M 100% ▲ ▼ chk SET	Set the output power to 90 W using [MAIN DIAL]. Then push [F5 (SET)] to store the “POWER 144M 100%” meter into memory, and to step next.

ADJUSTMENT MODE—continued

ADJUSTMENT		ADJUSTMENT CONDITION	DISPLAY	OPERATION
TX ADJUSTMENT	11		TX ALC chk SET	Push [F5 (SET)] to set and to step next.
	12		TX DRIVE HF/50M chk SET	Push [F5 (SET)] to set and to step next.
	13		TX DRIVE 144M chk SET	Push [F5 (SET)] to set and to step next.
	14		TX SWR HF/50M chk SET	Push [F5 (SET)] to set and to step next.
	15		TX SWR 144M-1 chk SET	Push [F5 (SET)] to set and to step next.
	16	• Connect a 100 Ω or 25 Ω dummy load to [ANT144M] connector.	TX SWR 144M-2 chk SET	Push [F5 (SET)] to set, then push [F2] to return the opening display.
RX ADJUSTMENT	1	• Connect an SSG to [ANT1] connector.	D163E 0.70-0 TX RX 1.40-0	Push [F2 (RX)] to enter the TX adjustment.
	2	•Set an SSG as: Frequency : 14.151500 MHz Level : 50 µV (–73 dBm) and OFF Modulation : OFF • Connect an AC millivolt meter to [EXT SP] connector with an 8 Ω load. • Receiving	RX Total Gain chk SET	Set the RX total gain to 30 dB level difference between SSG ON and OFF using [MAIN DIAL]. Then push [F5 (SET)] to store into memory, and to step next.
	3	• Set an SSG as: Level : OFF • Receiving	RX S0 Level chk SET	Push [F5 (SET)] to store the "S0" level into memory, and to step next. **NOTE**: While RX METER adjustment, **NEVER** change the connected SSG's level until transceiver emits "Pi Pi" and changes indication.
	4	• Set an SSG as: Level : 50 µV (–73 dBm) Modulation : OFF • Receiving	RX S9 Level chk SET	Push [F5 (SET)] to store the "S9" level into memory, and to step next.
	5	• Set an SSG as : Level : 32 mV (–17 dBm) Modulation : OFF • Receiving	RX S9+60 Level chk SET	Push [F5 (SET)] to store the "S9+60" level into memory, and to step next.

*This output level of a standard signal generator (SSG) is indicated as SSG's open circuit.

ADJUSTMENT MODE—continued

ADJUSTMENT		ADJUSTMENT CONDITION	DISPLAY	OPERATION
RX ADJUSTMENT	6	• Connect an SSG to [ANT 144M] connector and set as: Frequency : 108.021500 MHz Level : 3.2 µV (–97 dBm) Modulation : OFF • Receiving	RX Tuned BPF-1 chk SET	Push [[F5 (SET)] to tune the “BPF-1”, and to step next.
	7	• Set an SSG as: Frequency : 143.981500 MHz Level : 3.2 µV (–97 dBm) Modulation : OFF • Receiving	RX Tuned BPF-2 chk SET	Push [[F-5 (SET)] to tune the “BPF-2”, and to step next.
	8	• Set an SSG as: Frequency : 144.021500 MHz Level : 3.2 µV (–97 dBm) Modulation : OFF • Receiving	RX Tuned BPF-3 chk SET	Push [[F-5 (SET)] to tune the “BPF-3”, and to step next.
	9	• Set an SSG as: Frequency : 173.981500 MHz Level : 3.2 µV (–97 dBm) Modulation : OFF • Receiving	RX Tuned BPF-4 chk SET	Push [[F-5 (SET)] to tune the “BPF-4”, and return to the opening display.

*This output level of a standard signal generator (SSG) is indicated as SSG’s open circuit.

SECTION 6 PARTS LIST

[FRONT UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
W19	8900009270	CABLE	OPC-912 (P=1 N=22 L=70)
W20	8900009310	CABLE	OPC-916 (P=1 N=22 L=120)
W21	8900009270	CABLE	OPC-912 (P=1 N=22 L=70)
W22	8900009270	CABLE	OPC-912 (P=1 N=22 L=70)
W24	8900009230	CABLE	OPC-908 (P=1 N=10 L=60)
W25	8900009660	CABLE	OPC-964 (P=1 N=10 L=60)
W26	8900009230	CABLE	OPC-908 (P=1 N=10 L=60)
W27	8900009230	CABLE	OPC-908 (P=1 N=10 L=60)
EP1	0880000950	UNIT BOARD	EX-2500 #01 (SENSOR UNIT)
EP2	6450001230	E.OTHER	HLJ0999-01-480
EP3	6450001230	E.OTHER	HLJ0999-01-480

[S-LOGIC BOARD]

REF NO.	ORDER NO.	DESCRIPTION	
IC101	1130008650	S.IC	MC14071BF-EL
IC102	1130002660	S.IC	µPD4030BG-T1
IC401	1110004200	S.IC	NJM2360M-TE3
IC571	1130004170	S.IC	TC4S01F (TE85R)
Q301	1530002060	S.TRANSISTOR	2SC4081 T107 R
Q302	1520000650	S.TRANSISTOR	2SB1201-S-TL
Q303	1530003300	S.TRANSISTOR	2SC3647S-TD
Q304	1530003300	S.TRANSISTOR	2SC3647S-TD
D301	1730000590	S.ZENER	RD3.0M-T2B2
D402	1790001470	S.DIODE	SB10-05PCP-TD
D573	1750000370	S.DIODE	DA221 TL
L301	6180000990	COIL	LAL 04NA 101K
L302	6190001190	S.COIL	D10F-A814AY-101K=P3
L303	6190001180	S.COIL	BLC13H-D818HN-1107
L401	6190001200	S.COIL	D10F-A814AY-681K=P3
L402	6190001210	S.COIL	D10F-A814AY-221K=P3
L403	6190001200	S.COIL	D10F-A814AY-681K=P3
L601	6200007030	S.COIL	SLF7032T-101MR45-2
R1	7210002890	VARIABLE	RV-308 (RK1612210 10KB/10KB)
R2	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R3	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R4	7210002890	VARIABLE	RV-308 (RK1612210 10KB/10KB)
R5	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R6	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R7	7210002630	VARIABLE	EVU-FLAE02 B14 (10KB)
R8	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R9	7210002630	VARIABLE	EVU-FLAE02 B14 (10KB)
R10	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R11	7210002630	VARIABLE	EVU-FLAE02 B14 (10KB)
R12	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R13	7210002630	VARIABLE	EVU-FLAE02 B14 (10KB)
R14	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R15	7030003540	S.RESISTOR	ERJ3GEYJ 682 V (6.8 kΩ)
R16	7030003480	S.RESISTOR	ERJ3GEYJ 222 V (2.2 kΩ)
R17	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R18	7030003580	S.RESISTOR	ERJ3GEYJ 153 V (15 kΩ)
R101	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R102	7030003720	S.RESISTOR	ERJ3GEYJ 224 V (220 kΩ)
R103	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R104	7030003800	S.RESISTOR	ERJ3GEYJ 105 V (1 MΩ)
R105	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R106	7030003720	S.RESISTOR	ERJ3GEYJ 224 V (220 kΩ)
R107	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R108	7030003800	S.RESISTOR	ERJ3GEYJ 105 V (1 MΩ)
R111	7030003580	S.RESISTOR	ERJ3GEYJ 153 V (15 kΩ)
R112	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)

[S-LOGIC BOARD]

REF NO.	ORDER NO.	DESCRIPTION	
R113	7030003580	S.RESISTOR	ERJ3GEYJ 153 V (15 kΩ)
R301	7030003540	S.RESISTOR	ERJ3GEYJ 682 V (6.8 kΩ)
R302	7030003620	S.RESISTOR	ERJ3GEYJ 333 V (33 kΩ)
R303	7030000300	S.RESISTOR	MCR10EZHJ 220 Ω (221)
R304	7030003500	S.RESISTOR	ERJ3GEYJ 332 V (3.3 kΩ)
R305	7030003500	S.RESISTOR	ERJ3GEYJ 332 V (3.3 kΩ)
R306	7510000731	S.THERMISTOR	NTCCM2012 3JH 472KC-T
R401	7030004050	S.RESISTOR	ERJ3GEYJ 1R0 V (1 Ω)
R402	7030004050	S.RESISTOR	ERJ3GEYJ 1R0 V (1 Ω)
R403	7030006091	S.RESISTOR	ERA3YED 822V
R404	7030006461	S.RESISTOR	ERA3YED 152V
R571	7030003600	S.RESISTOR	ERJ3GEYJ 223 V (22 kΩ)
R576	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
C1	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C2	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C3	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C4	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C5	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C6	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C7	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C8	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C9	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C101	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C102	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C111	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C112	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C113	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C114	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C115	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C302	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C303	4510004640	S.ELECTROLYTIC	ECEV1CA470SP
C304	4310001140	MYLER	250 MMW 473K EF
C305	4030013860	S.CERAMIC	GHM1038 SL 120J 3K
C306	4510004440	S.ELECTROLYTIC	ECEV1HA010SR
C307	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C401	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C402	4510004590	ELECTROLYTIC	16 MV 470 HC
C403	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C404	4510005000	ELECTROLYTIC	16 MV 220 HC
C405	4030011280	S.CERAMIC	C1608 CH 1H 271J-T-A
C406	4510006240	S.ELECTROLYTIC	ECEV1CA221P
C407	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C408	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C409	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C571	4510005810	S.ELECTROLYTIC	ECEV1HAR47R
C572	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
J301	6510019990	S.CONNECTOR	52808-2291
J302	6510019990	S.CONNECTOR	52808-2291
J303	6510003400	CONNECTOR	B04B-EH-S
J501	6510019970	S.CONNECTOR	52808-1091
J502	6510019970	S.CONNECTOR	52808-1091
J507	6510019970	S.CONNECTOR	52808-1091
J508	6510019970	S.CONNECTOR	52808-1091
J601	6510019990	S.CONNECTOR	52808-2291
J604	6510003400	CONNECTOR	B04B-EH-S
S1	2260001890	S.SWITCH	SKQDPA
S2	2260001890	S.SWITCH	SKQDPA
S3	2260001890	S.SWITCH	SKQDPA
S4	2260001890	S.SWITCH	SKQDPA
S5	2260001890	S.SWITCH	SKQDPA
S6	2260001890	S.SWITCH	SKQDPA
S7	2260001890	S.SWITCH	SKQDPA
S8	2260001890	S.SWITCH	SKQDPA
S9	2260001890	S.SWITCH	SKQDPA
S10	2260001890	S.SWITCH	SKQDPA
S11	2260001890	S.SWITCH	SKQDPA
S601	2260001890	S.SWITCH	SKQDPA
EP1	0910054542	PCB	B 5690B

S.=Surface mount

[PHONE BOARD]

REF NO.	ORDER NO.	DESCRIPTION	
L1	6200003950	S.COIL	HF50ACC 322513-T
L2	6200003950	S.COIL	HF50ACC 322513-T
R1	7030006240	S.RESISTOR	ERJ12YJ181U (180 Ω)
R2	7030006240	S.RESISTOR	ERJ12YJ181U (180 Ω)
R3	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
C1	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C2	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C3	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
J1	6450001890	CONNECTOR	HLJ5305-01-4090
J2	6450001790	CONNECTOR	HLJ7000-01-3010
J3	6510019970	S.CONNECTOR	52808-1091
EP1	0910054550	PCB	B 5691

[MIC BOARD]

REF NO.	ORDER NO.	DESCRIPTION	
L1	6200003260	S.COIL	NL 322522T-101J
L3	6200003260	S.COIL	NL 322522T-101J
L4	6200003260	S.COIL	NL 322522T-101J
L6	6200003260	S.COIL	NL 322522T-101J
C1	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C2	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C3	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C4	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C5	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C6	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C7	4030007130	S.CERAMIC	C1608 CH 1H 101J-T-A
J1	6510000190	CONNECTOR	FM214-8SS (P)
J2	6510019970	S.CONNECTOR	52808-1091
EP1	0910054561	PCB	B 5692A

[MODE BOARD]

REF NO.	ORDER NO.	DESCRIPTION	
J1	6510019990	S.CONNECTOR	52808-2291
EP1	0910054570	PCB	B 5693

[RIT BOARD]

REF NO.	ORDER NO.	DESCRIPTION	
J1	6510019970	S.CONNECTOR	52808-1091
S1	2250000340	ENCODER	EVQ-VCJF0324B
EP1	0910054600	PCB	B 5696

[TEN-KEY BOARD]

REF NO.	ORDER NO.	DESCRIPTION	
R1	7030003540	S.RESISTOR	ERJ3GEYJ 682 V (6.8 kΩ)
R2	7030003540	S.RESISTOR	ERJ3GEYJ 682 V (6.8 kΩ)
R3	7030003540	S.RESISTOR	ERJ3GEYJ 682 V (6.8 kΩ)
R4	7030003480	S.RESISTOR	ERJ3GEYJ 222 V (2.2 kΩ)
R5	7030003480	S.RESISTOR	ERJ3GEYJ 222 V (2.2 kΩ)
R6	7030003480	S.RESISTOR	ERJ3GEYJ 222 V (2.2 kΩ)
R7	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R8	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R9	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R10	7030003580	S.RESISTOR	ERJ3GEYJ 153 V (15 kΩ)
R11	7030003580	S.RESISTOR	ERJ3GEYJ 153 V (15 kΩ)
R12	7030003580	S.RESISTOR	ERJ3GEYJ 153 V (15 kΩ)
R15	7030003540	S.RESISTOR	ERJ3GEYJ 682 V (6.8 kΩ)
R16	7030003480	S.RESISTOR	ERJ3GEYJ 222 V (2.2 kΩ)
R17	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R18	7030003580	S.RESISTOR	ERJ3GEYJ 153 V (15 kΩ)
R19	7030003540	S.RESISTOR	ERJ3GEYJ 682 V (6.8 kΩ)
R20	7030003480	S.RESISTOR	ERJ3GEYJ 222 V (2.2 kΩ)
R21	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R22	7030003580	S.RESISTOR	ERJ3GEYJ 153 V (15 kΩ)
R23	7030003540	S.RESISTOR	ERJ3GEYJ 682 V (6.8 kΩ)
R24	7030003480	S.RESISTOR	ERJ3GEYJ 222 V (2.2 kΩ)
R25	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
C1	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C2	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C3	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C4	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C5	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C7	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
J1	6510019990	S.CONNECTOR	52808-2291
DS1	5040002360	S.LED	CL-220HR-C-TU
DS2	5040002220	S.LED	CL-220YG-C-TU
DS3	5040002360	S.LED	CL-220HR-C-TU
DS4	5040002220	S.LED	CL-220YG-C-TU
DS5	5040002220	S.LED	CL-220YG-C-TU
EP1	0910054580	PCB	B 5694

[PBT BOARD]

REF NO.	ORDER NO.	DESCRIPTION	
R2	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R3	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R4	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R5	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R6	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R7	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
J1	6510019970	S.CONNECTOR	52808-1091
S1	2250000440	ENCODER	TP90N00E20-22.5F-2494
S2	2250000410	ENCODER	TP90D96E20-30F-2178-1
EP1	0910054591	PCB	B 5695A

S.=Surface mount

[DISPLAY BOARD]

REF NO.	ORDER NO.	DESCRIPTION	
IC1001	1140010370	S.IC	HD6433833SD85H (SX-2494C)
IC1002	1130007810	S.IC	BU4051BCF-T1
IC1003	1130006910	S.IC	TC7W74F (TE12L)
IC1004	1130007040	S.IC	TC7W32F (TE12L)
IC1005	1110003750	S.IC	M5218AFP 600C
IC1006	1130007960	S.IC	SED1522F0C (QFP15-100PIN)
IC1007	1130008860	S.IC	HD61203UFS
IC1008	1130008850	S.IC	HD61202UFS
IC1009	1130008850	S.IC	HD61202UFS
IC1010	1110003750	S.IC	M5218AFP 600C
IC1011	1110003750	S.IC	M5218AFP 600C
IC1012	1110003750	S.IC	M5218AFP 600C
IC1013	1110003750	S.IC	M5218AFP 600C
Q1012	1590001960	S.TRANSISTOR	XP4311 (TX)
D1001	1790001250	S.DIODE	MA2S111-(TX)
D1002	1790001250	S.DIODE	MA2S111-(TX)
D1003	1750000370	S.DIODE	DA221 TL
D1004	1750000370	S.DIODE	DA221 TL
D1005	1790001250	S.DIODE	MA2S111-(TX)
X1001	6050009870	S.XTAL	CR-567 (9.8304 MHz)
R531	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R532	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R533	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R534	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R535	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R536	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R537	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R538	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R539	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R540	7030003480	S.RESISTOR	ERJ3GEYJ 222 V (2.2 kΩ)
R541	7030003420	S.RESISTOR	ERJ3GEYJ 681 V (680 Ω)
R542	7030003480	S.RESISTOR	ERJ3GEYJ 222 V (2.2 kΩ)
R543	7030003420	S.RESISTOR	ERJ3GEYJ 681 V (680 Ω)
R544	7030003420	S.RESISTOR	ERJ3GEYJ 681 V (680 Ω)
R551	7030003540	S.RESISTOR	ERJ3GEYJ 682 V (6.8 kΩ)
R552	7030003480	S.RESISTOR	ERJ3GEYJ 222 V (2.2 kΩ)
R553	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R554	7030003580	S.RESISTOR	ERJ3GEYJ 153 V (15 kΩ)
R555	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R556	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R557	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R558	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R559	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R560	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1001	7030003800	S.RESISTOR	ERJ3GEYJ 105 V (1 MΩ)
R1002	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1003	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1004	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1005	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1006	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1007	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R1008	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R1009	7030003700	S.RESISTOR	ERJ3GEYJ 154 V (150 kΩ)
R1012	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1013	7030003400	S.RESISTOR	ERJ3GEYJ 471 V (470 Ω)
R1014	7030003710	S.RESISTOR	ERJ3GEYJ 184 V (180 kΩ)
R1017	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1018	7030003400	S.RESISTOR	ERJ3GEYJ 471 V (470 Ω)
R1019	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R1020	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R1021	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R1022	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R1023	7030003840	S.RESISTOR	ERJ3GEYJ 225 V (2.2 MΩ)
R1024	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R1025	7030003220	S.RESISTOR	ERJ3GEYJ 150 V (15 Ω)
R1026	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R1027	7030003220	S.RESISTOR	ERJ3GEYJ 150 V (15 Ω)
R1028	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R1029	7030003220	S.RESISTOR	ERJ3GEYJ 150 V (15 Ω)
R1030	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R1031	7030003220	S.RESISTOR	ERJ3GEYJ 150 V (15 Ω)
R1032	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R1033	7030003220	S.RESISTOR	ERJ3GEYJ 150 V (15 Ω)
R1034	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)

[DISPLAY BOARD]

REF NO.	ORDER NO.	DESCRIPTION	
R1035	7030003220	S.RESISTOR	ERJ3GEYJ 150 V (15 Ω)
R1036	7030003810	S.RESISTOR	ERJ3GEYJ 125 V (1.2 MΩ)
R1037	7030003840	S.RESISTOR	ERJ3GEYJ 225 V (2.2 MΩ)
R1038	7030003790	S.RESISTOR	ERJ3GEYJ 824 V (820 kΩ)
R1039	7030003650	S.RESISTOR	ERJ3GEYJ 563 V (56 kΩ)
R1040	7030003800	S.RESISTOR	ERJ3GEYJ 105 V (1 MΩ)
R1041	7030003840	S.RESISTOR	ERJ3GEYJ 225 V (2.2 MΩ)
R1042	7030003790	S.RESISTOR	ERJ3GEYJ 824 V (820 kΩ)
R1043	7030003650	S.RESISTOR	ERJ3GEYJ 563 V (56 kΩ)
R1044	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R1045	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R1046	7510000771	S.THERMISTOR	NTCCM2012 3SH 223KC-T
R1047	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1048	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1049	7030003720	S.RESISTOR	ERJ3GEYJ 224 V (220 kΩ)
R1050	7030003620	S.RESISTOR	ERJ3GEYJ 333 V (33 kΩ)
R1051	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1052	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1054	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1055	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1056	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1057	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1058	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1060	7030003590	S.RESISTOR	ERJ3GEYJ 183 V (18 kΩ)
R1101	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1102	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1103	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1104	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1105	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1106	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1107	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1108	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1109	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1110	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1111	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1112	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1113	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1114	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1115	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1116	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1117	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1118	7030003480	S.RESISTOR	ERJ3GEYJ 222 V (2.2 kΩ)
R1119	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1120	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1121	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1122	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1123	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1131	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1132	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1133	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1134	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1135	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1136	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1137	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1138	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1201	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1202	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1203	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1204	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1205	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1206	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1207	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1208	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
C531	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C532	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C533	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C534	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C535	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C536	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C537	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C538	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C539	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C540	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C541	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C542	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C543	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C544	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C551	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C552	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C553	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A

S.=Surface mount

[DISPLAY BOARD]

REF NO.	ORDER NO.	DESCRIPTION	
C554	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C555	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C556	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C557	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1001	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1002	4030007020	S.CERAMIC	C1608 CH 1H 120J-T-A
C1003	4030007020	S.CERAMIC	C1608 CH 1H 120J-T-A
C1004	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1005	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1006	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1007	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1008	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1009	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1010	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1011	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1012	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1013	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1014	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1015	4550006250	S.TANTALUM	TEMSVA 1A 106M-8L
C1016	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1019	4030008880	S.CERAMIC	C1608 JB 1H 223K-T-A
C1101	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1201	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1202	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1203	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1204	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1205	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1206	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1207	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1208	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
J503	6510019990	S.CONNECTOR	52808-2291
J505	6510019990	S.CONNECTOR	52808-2291
J1001	6510019990	S.CONNECTOR	52808-2291
J1002	6510019990	S.CONNECTOR	52808-2291
DS1001	5030002150	LCD	DLC-83006S4GT
DS1002	5080000420	CFL	HMB S 3 A1W 70N/AZ ASSY
W1020	7030003860	S.JUMPER	ERJ3GE JPW V
EP1	8930046361	LCD CONTACT	SRCN-2072-SP-N-W-1
EP2	0910054612	PCB	B 5697B

[RF UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
IC151	1110001890	S.IC	µPC1678G-E2
IC161	1110004100	S.IC	TA4001F (TE85L)
IC191	1110003970	S.IC	µPC1658G-E1
IC321	1130007570	S.IC	BU4094BCFV-E2
IC322	1130007570	S.IC	BU4094BCFV-E2
IC323	1160000130	S.IC	TD62783AF (TP1)
IC324	1160000130	S.IC	TD62783AF (TP1)
IC1001	1130007570	S.IC	BU4094BCFV-E2
IC1051	1180000420	S.IC	TA78L05F (TE12R)
IC1081	1130006440	S.IC	TC7S08F (TE85R)
IC1101	1140007880	S.IC	TC190G08AF-0046-Z/SC-1246A
IC1102	1130006440	S.IC	TC7S08F (TE85R)
IC1601	1140004550	S.IC	M65343FP/SC1287
IC1801	1110005220	S.IC	MC145170D2R2
IC1802	1110001890	S.IC	µPC1678G-E2
Q1	1590002310	S.TRANSISTOR	DTC114EE TL
Q2	1590002310	S.TRANSISTOR	DTC114EE TL
Q121	1590002310	S.TRANSISTOR	DTC114EE TL
Q161	1590001870	S.TRANSISTOR	DTA114EE TL
Q162	1590002310	S.TRANSISTOR	DTC114EE TL
Q163	1590002310	S.TRANSISTOR	DTC114EE TL
Q181	1560000720	S.FET	2SK2171-4-TD
Q182	1560000720	S.FET	2SK2171-4-TD
Q211	1560000640	S.FET	2SK1740-TA
Q212	1560000640	S.FET	2SK1740-TA
Q231	1560000720	S.FET	2SK2171-4-TD
Q241	1580000620	S.FET	3SK131-T2 MAS
Q242	1590001870	S.TRANSISTOR	DTA114EE TL
Q243	1590002310	S.TRANSISTOR	DTC114EE TL
Q271	1560000560	S.FET	2SK882-GR (TE85L)
Q301	1530003150	S.TRANSISTOR	2SC4673D-TD
Q302	1590001870	S.TRANSISTOR	DTA114EE TL
Q303	1590002310	S.TRANSISTOR	DTC114EE TL
Q324	1590002310	S.TRANSISTOR	DTC114EE TL
Q325	1590002310	S.TRANSISTOR	DTC114EE TL
Q328	1590002310	S.TRANSISTOR	DTC114EE TL
Q501	1590002310	S.TRANSISTOR	DTC114EE TL
Q502	1580000360	S.FET	3SK177-T1B U73
Q541	1590002420	S.TRANSISTOR	UMD3N TL
Q1003	1590002420	S.TRANSISTOR	UMD3N TL
Q1051	1530002060	S.TRANSISTOR	2SC4081 T107 R
Q1101	1530002060	S.TRANSISTOR	2SC4081 T107 R
Q1102	1530002060	S.TRANSISTOR	2SC4081 T107 R
Q1103	1530002060	S.TRANSISTOR	2SC4081 T107 R
Q1201	1560000490	S.FET	2SK508 K52 T2B
Q1202	1530003090	S.TRANSISTOR	2SC4213-B (TE85R)
Q1221	1560000490	S.FET	2SK508 K52 T2B
Q1222	1530003090	S.TRANSISTOR	2SC4213-B (TE85R)
Q1241	1560000490	S.FET	2SK508 K52 T2B
Q1242	1530003090	S.TRANSISTOR	2SC4213-B (TE85R)
Q1261	1560000490	S.FET	2SK508 K52 T2B
Q1262	1530003090	S.TRANSISTOR	2SC4213-B (TE85R)
Q1281	1530002570	S.TRANSISTOR	2SC4405-3-TL
Q1301	1560000330	S.FET	2SK210-GR (TE85R)
Q1302	1530002060	S.TRANSISTOR	2SC4081 T107 R
Q1401	1530002920	S.TRANSISTOR	2SC4226-T2 R25
Q1402	1590001870	S.TRANSISTOR	DTA114EE TL
Q1521	1590002420	S.TRANSISTOR	UMD3N TL
Q1561	1590002420	S.TRANSISTOR	UMD3N TL
Q1581	1590002420	S.TRANSISTOR	UMD3N TL
Q1601	1530002060	S.TRANSISTOR	2SC4081 T107 R
Q1801	1590002420	S.TRANSISTOR	UMD3N TL
Q1901	1530002560	S.TRANSISTOR	2SC4403-3-TL
Q1902	1530002060	S.TRANSISTOR	2SC4081 T107 R
Q1903	1530002060	S.TRANSISTOR	2SC4081 T107 R
Q1904	1530002560	S.TRANSISTOR	2SC4403-3-TL
Q2003	1590000720	S.TRANSISTOR	DTA144EUA T106
Q2004	1590000720	S.TRANSISTOR	DTA144EUA T106
Q2005	1590000720	S.TRANSISTOR	DTA144EUA T106
D3	1750000850	S.DIODE	MMBV3700LT1
D4	1750000850	S.DIODE	MMBV3700LT1
D11	1790000620	S.DIODE	MA77 (TX)
D21	1750000850	S.DIODE	MMBV3700LT1
D22	1790000620	S.DIODE	MA77 (TX)
D31	1750000850	S.DIODE	MMBV3700LT1
D32	1790000620	S.DIODE	MA77 (TX)
D41	1750000850	S.DIODE	MMBV3700LT1
D42	1790000620	S.DIODE	MA77 (TX)

S.=Surface mount

[RF UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
D51	1750000850	S.DIODE	MMBV3700LT1
D52	1790000620	S.DIODE	MA77 (TX)
D61	1750000850	S.DIODE	MMBV3700LT1
D62	1790000620	S.DIODE	MA77 (TX)
D71	1750000850	S.DIODE	MMBV3700LT1
D72	1790000620	S.DIODE	MA77 (TX)
D81	1750000850	S.DIODE	MMBV3700LT1
D82	1790000620	S.DIODE	MA77 (TX)
D91	1750000850	S.DIODE	MMBV3700LT1
D92	1790000620	S.DIODE	MA77 (TX)
D101	1750000850	S.DIODE	MMBV3700LT1
D102	1790000620	S.DIODE	MA77 (TX)
D111	1750000850	S.DIODE	MMBV3700LT1
D112	1790000620	S.DIODE	MA77 (TX)
D121	1750000300	S.DIODE	1SS302 (TE85R)
D122	1750000300	S.DIODE	1SS302 (TE85R)
D123	1790000620	S.DIODE	MA77 (TX)
D124	1790000620	S.DIODE	MA77 (TX)
D136	1790000620	S.DIODE	MA77 (TX)
D137	1790000620	S.DIODE	MA77 (TX)
D151	1750000440	S.DIODE	1SV263-TL
D161	1790000620	S.DIODE	MA77 (TX)
D162	1790000620	S.DIODE	MA77 (TX)
D163	1790000620	S.DIODE	MA77 (TX)
D164	1750000520	S.DIODE	DAN222TL
D165	1750000520	S.DIODE	DAN222TL
D171	1790000620	S.DIODE	MA77 (TX)
D172	1790000620	S.DIODE	MA77 (TX)
D181	1790000620	S.DIODE	MA77 (TX)
D182	1790000620	S.DIODE	MA77 (TX)
D183	1790000620	S.DIODE	MA77 (TX)
D184	1790000620	S.DIODE	MA77 (TX)
D211	1790000620	S.DIODE	MA77 (TX)
D251	1790000620	S.DIODE	MA77 (TX)
D252	1790000620	S.DIODE	MA77 (TX)
D253	1790000620	S.DIODE	MA77 (TX)
D254	1790000620	S.DIODE	MA77 (TX)
D255	1790000620	S.DIODE	MA77 (TX)
D256	1790000620	S.DIODE	MA77 (TX)
D261	1750000430	S.DIODE	HSB88WSTR
D271	1750000430	S.DIODE	HSB88WSTR
D272	1750000530	S.DIODE	1SV271 (TPH3)
D281	1790000620	S.DIODE	MA77 (TX)
D301	1790000620	S.DIODE	MA77 (TX)
D302	1790000620	S.DIODE	MA77 (TX)
D303	1790000620	S.DIODE	MA77 (TX)
D304	1790000620	S.DIODE	MA77 (TX)
D305	1790000620	S.DIODE	MA77 (TX)
D306	1790000620	S.DIODE	MA77 (TX)
D307	1750000520	S.DIODE	DAN222TL
D308	1790000620	S.DIODE	MA77 (TX)
D501	1720000270	S.VARICAP	1SV217 (TPH2)
D502	1720000270	S.VARICAP	1SV217 (TPH2)
D503	1720000270	S.VARICAP	1SV217 (TPH2)
D504	1720000270	S.VARICAP	1SV217 (TPH2)
D541	1790000620	S.DIODE	MA77 (TX)
D542	1750000740	S.VARICAP	1SV314 (TPH3)
D543	1790000620	S.DIODE	MA77 (TX)
D544	1750000740	S.VARICAP	1SV314 (TPH3)
D545	1790000620	S.DIODE	MA77 (TX)
D546	1750000740	S.VARICAP	1SV314 (TPH3)
D547	1790000620	S.DIODE	MA77 (TX)
D548	1750000740	S.VARICAP	1SV314 (TPH3)
D1003	1750000520	S.DIODE	DAN222TL
D1004	1750000520	S.DIODE	DAN222TL
D1201	1790000540	S.VARICAP	MA338 (TX)
D1221	1790000540	S.VARICAP	MA338 (TX)
D1241	1720000390	S.VARICAP	KV1470TL
D1261	1720000390	S.VARICAP	KV1470TL
D1301	1720000590	S.VARICAP	MA357 (TX)
D1302	1790000490	S.DIODE	HSM88AS-TR
D1303	1790000490	S.DIODE	HSM88AS-TR
D1401	1750000230	S.DIODE	1SS315 TPH-3
D1402	1790000620	S.DIODE	MA77 (TX)
D1403	1750000230	S.DIODE	1SS315 TPH-3
D1502	1750000210	S.DIODE	1SV237 (TE85R)
D1503	1790000620	S.DIODE	MA77 (TX)
D1504	1750000210	S.DIODE	1SV237 (TE85R)
D1505	1750000520	S.DIODE	DAN222TL
D1801	1790000620	S.DIODE	MA77 (TX)
D1901	1720000590	S.VARICAP	MA357 (TX)

[RF UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
FI231	2010002470	XTAL	FL-315 (64.45500 MHz)
FI1101	2020001690	S.CERAMIC	CFEC10.8MD11
X1901	6050007351	XTAL	CR-337A (32.000 MHz)
L1	6200003240	S.COIL	NL 322522T-221J
L2	6200003240	S.COIL	NL 322522T-221J
L3	6180000860	COIL	LAL 03NA 5R6K
L4	6180000850	COIL	LAL 03NA 4R7K
L5	6200009690	S.COIL	LQH 4C 101K04
L6	6200009690	S.COIL	LQH 4C 101K04
L11	6180000680	COIL	LAL 02NA 4R7K
L12	6180001900	COIL	LAL 02NA 6R8K
L14	6200003240	S.COIL	NL 322522T-221J
L21	6180001860	COIL	LAL 02NA 3R9K
L22	6180001300	COIL	LAL 02NA 100K
L23	6180001860	COIL	LAL 02NA 3R9K
L31	6180002380	COIL	LAL 02NA 2R2K
L32	6180001940	COIL	LAL 02NA 3R3K
L33	6180002380	COIL	LAL 02NA 2R2K
L41	6180002300	COIL	LAL 02NA 1R2K
L42	6180003270	COIL	LAL 02NA 2R7K
L43	6180002300	COIL	LAL 02NA 1R2K
L51	6180002190	COIL	LAL 02NA R47K
L52	6180002380	COIL	LAL 02NA 2R2K
L53	6180002190	COIL	LAL 02NA R47K
L61	6180002520	COIL	LAL 02NA R27K
L62	6180002380	COIL	LAL 02NA 2R2K
L63	6180002520	COIL	LAL 02NA R27K
L71	6180000670	COIL	LAL 02NA R22K
L72	6180002790	COIL	EL0606SKI-1R2J
L73	6180000670	COIL	LAL 02NA R22K
L81	6200001470	S.COIL	NL 322522T-R12J-3
L82	6180002780	COIL	EL0606SKI-1R0J
L83	6200001470	S.COIL	NL 322522T-R12J-3
L91	6200001830	S.COIL	NL 322522T-100J
L92	6200008410	S.COIL	LQN 1H R21J04
L93	6200008100	S.COIL	LQN1H R14J04
L94	6200008100	S.COIL	LQN1H R14J04
L95	6200008100	S.COIL	LQN1H R14J04
L96	6200008100	S.COIL	LQN1H R14J04
L101	6200003010	S.COIL	NL 322522T-R27J-3
L102	6200003000	S.COIL	NL 322522T-R22J-3
L103	6200003010	S.COIL	NL 322522T-R27J-3
L112	6200003420	S.COIL	NL 322522T-R15J-3
L113	6200003420	S.COIL	NL 322522T-R15J-3
L114	6200003420	S.COIL	NL 322522T-R15J-3
L115	6200003330	S.COIL	NL 322522T-1R0J-3
L121	6200003440	S.COIL	ELJNC 39NK-F
L122	6200004740	S.COIL	NL 252018T-1R2J
L128	6200002150	S.COIL	ELJNC 56NK-F
L129	6200004740	S.COIL	NL 252018T-1R2J
L151	6200003240	S.COIL	NL 322522T-221J
L152	6200001710	S.COIL	NL 322522T-220J
L171	6200003240	S.COIL	NL 322522T-221J
L172	6200003260	S.COIL	NL 322522T-101J
L180	6200001980	S.COIL	NL 252018T-1R0J
L181	6140003530	COIL	LR-395
L182	6180000850	COIL	LAL 03NA 4R7K
L183	6180000850	COIL	LAL 03NA 4R7K
L184	6140003690	COIL	LR-408A
L191	6200003260	S.COIL	NL 322522T-101J
L192	6200003260	S.COIL	NL 322522T-101J
L210	6200008260	S.COIL	0.30-1.7-8TL 60N
L211	6200008360	S.COIL	0.25-1.9-13TL
L212	6200008360	S.COIL	0.25-1.9-13TL
L213	6140003530	COIL	LR-395
L214	6200003430	S.COIL	NL 322522T-R10J
L215	6150005160	COIL	LS-544
L216	6200003330	S.COIL	NL 322522T-1R0J-3
L217	6200001980	S.COIL	NL 252018T-1R0J
L231	6200005010	S.COIL	NL 252018T-100J
L232	6200010080	S.COIL	LQN1H R50J04 0.5U
L233	6200001980	S.COIL	NL 252018T-1R0J
L241	6150004280	COIL	LS-484B (C-14927)
L242	6150004280	COIL	LS-484B (C-14927)
L251	6150005110	COIL	LS-540
L252	6150004270	COIL	LS-483A (C-14924)
L253	6150005110	COIL	LS-540
L261	6140002810	S.COIL	LR-317

S.=Surface mount

[RF UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
L262	6140003530	COIL	LR-395
L263	6200003040	S.COIL	NL 322522T-R68J-3
L271	6200005190	S.COIL	MLF1608D R56K-T
L272	6150000991	COIL	LS-424
L285	6200004020	S.COIL	NL 322522T-039J
L286	6180002980	S.COIL	NL 322522T-056J
L288	6200003420	S.COIL	NL 322522T-R15J-3
L289	6140003210	S.COIL	LR-358
L290	6140003210	S.COIL	LR-358
L301	6200003000	S.COIL	NL 322522T-R22J-3
L302	6200003020	S.COIL	NL 322522T-R33J-3
L303	6200003330	S.COIL	NL 322522T-1R0J-3
L304	6200001760	S.COIL	ELJNC 22NK-F
L305	6200002580	S.COIL	NL 252018T-033J
L306	6200001770	S.COIL	ELJNC 47NK-F
L307	6200002420	S.COIL	NL 252018T-068J
L308	6200001980	S.COIL	NL 252018T-1R0J
L311	6200001980	S.COIL	NL 252018T-1R0J
L401	6200003260	S.COIL	NL 322522T-101J
L501	6200007230	S.COIL	LQN21A 15NJ04
L502	6200008390	S.COIL	0.25-1.9-9TL
L503	6200001980	S.COIL	NL 252018T-1R0J
L504	6200008180	S.COIL	0.25-1.9-10TL 107N
L505	6200008180	S.COIL	0.25-1.9-10TL 107N
L506	6200008390	S.COIL	0.25-1.9-9TL
L507	6200007700	S.COIL	LQN21A 22NJ04
L510	6200003280	S.COIL	NL 252018T-2R2J
L1051	6200001830	S.COIL	NL 322522T-100J
L1101	6200001830	S.COIL	NL 322522T-100J
L1201	6200008910	S.COIL	1812CS-122XKBC
L1202	6190001440	COIL	E526GN-110504
L1203	6200008910	S.COIL	1812CS-122XKBC
L1204	6200005010	S.COIL	NL 252018T-100J
L1221	6200008910	S.COIL	1812CS-122XKBC
L1222	6190001420	COIL	E526GN-110502
L1223	6200008910	S.COIL	1812CS-122XKBC
L1224	6200005010	S.COIL	NL 252018T-100J
L1241	6200008910	S.COIL	1812CS-122XKBC
L1242	6190001410	COIL	E526GN-110501
L1243	6200008910	S.COIL	1812CS-122XKBC
L1244	6200005010	S.COIL	NL 252018T-100J
L1261	6200008910	S.COIL	1812CS-122XKBC
L1262	6190001410	COIL	E526GN-110501
L1263	6200008910	S.COIL	1812CS-122XKBC
L1264	6200005010	S.COIL	NL 252018T-100J
L1281	6200001830	S.COIL	NL 322522T-100J
L1291	6200004590	S.COIL	MLF1608D R18K-T
L1301	6130002970	COIL	LB-343
L1302	6200001830	S.COIL	NL 322522T-100J
L1401	6200002960	S.COIL	NL 322522T-4R7J-3
L1402	6140002810	S.COIL	LR-317
L1403	6200003040	S.COIL	NL 322522T-R68J-3
L1406	6200003040	S.COIL	NL 322522T-R68J-3
L1408	6200003260	S.COIL	NL 322522T-101J
L1410	6200003440	S.COIL	ELJNC 39NK-F
L1412	6200004590	S.COIL	MLF1608D R18K-T
L1521	6200002150	S.COIL	ELJNC 56NK-F
L1522	6200001940	S.COIL	ELJNC 27NK-F
L1523	6200001760	S.COIL	ELJNC 22NK-F
L1530	6200003440	S.COIL	ELJNC 39NK-F
L1561	6200001630	S.COIL	ELJNC R10K-F
L1562	6200001630	S.COIL	ELJNC R10K-F
L1563	6200001630	S.COIL	ELJNC R10K-F
L1581	6200002150	S.COIL	ELJNC 56NK-F
L1582	6200002160	S.COIL	ELJNC 82NK-F
L1583	6200002160	S.COIL	ELJNC 82NK-F
L1584	6200003540	S.COIL	MLF1608D R22K-T
L1601	6200001830	S.COIL	NL 322522T-100J
L1602	6200005490	S.COIL	NL 322522T-331J
L1603	6200008640	S.COIL	NL 322522T-391J
L1605	6200008640	S.COIL	NL 322522T-391J
L1801	6200003020	S.COIL	NL 322522T-R33J-3
L1802	6200001770	S.COIL	ELJNC 47NK-F
L1804	6140002220	COIL	LR-270 (TR6X3X2 3A9)
L1805	6200003260	S.COIL	NL 322522T-101J
L1806	6200004770	S.COIL	ELJNC R56J-F
L1901	6130001100	COIL	LB-146
L1902	6150004520	S.COIL	LS-508
L1903	6150004830	S.COIL	LS-509
L1904	6150004830	S.COIL	LS-509
L1905	6200001830	S.COIL	NL 322522T-100J
L1908	6200003590	S.COIL	EXCCL3225U1

[RF UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
R1	7030003390	S.RESISTOR	ERJ3GEYJ 391 V (390 Ω)
R2	7030003290	S.RESISTOR	ERJ3GEYJ 560 V (56 Ω)
R3	7030003200	S.RESISTOR	ERJ3GEYJ 100 V (10 Ω)
R4	7030006260	S.RESISTOR	ERJ12YJ471U (470 Ω)
R5	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R6	7030006260	S.RESISTOR	ERJ12YJ471U (470 Ω)
R7	7030003460	S.RESISTOR	ERJ3GEYJ 152 V (1.5 kΩ)
R11	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R12	7030003310	S.RESISTOR	ERJ3GEYJ 820 V (82 Ω)
R13	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R15	7030006260	S.RESISTOR	ERJ12YJ471U (470 Ω)
R21	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R31	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R41	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R51	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R61	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R71	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R81	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R91	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R101	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R111	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R112	7030003220	S.RESISTOR	ERJ3GEYJ 150 V (15 Ω)
R113	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R121	7030006260	S.RESISTOR	ERJ12YJ471U (470 Ω)
R122	7030003380	S.RESISTOR	ERJ3GEYJ 331 V (330 Ω)
R123	7030003280	S.RESISTOR	ERJ3GEYJ 470 V (47 Ω)
R124	7030006260	S.RESISTOR	ERJ12YJ471U (470 Ω)
R151	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R152	7030003360	S.RESISTOR	ERJ3GEYJ 221 V (220 Ω)
R153	7030003230	S.RESISTOR	ERJ3GEYJ 180 V (18 Ω)
R154	7030003290	S.RESISTOR	ERJ3GEYJ 560 V (56 Ω)
R155	7030003230	S.RESISTOR	ERJ3GEYJ 180 V (18 Ω)
R156	7030003380	S.RESISTOR	ERJ3GEYJ 331 V (330 Ω)
R157	7030003200	S.RESISTOR	ERJ3GEYJ 100 V (10 Ω)
R158	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R159	7030003400	S.RESISTOR	ERJ3GEYJ 471 V (470 Ω)
R160	7030003200	S.RESISTOR	ERJ3GEYJ 100 V (10 Ω)
R161	7030003400	S.RESISTOR	ERJ3GEYJ 471 V (470 Ω)
R162	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R163	7030004040	S.RESISTOR	ERJ3GEYJ 4R7 V (4.7 Ω)
R164	7030004040	S.RESISTOR	ERJ3GEYJ 4R7 V (4.7 Ω)
R165	7030003370	S.RESISTOR	ERJ3GEYJ 271 V (270 Ω)
R166	7030003380	S.RESISTOR	ERJ3GEYJ 331 V (330 Ω)
R171	7030006260	S.RESISTOR	ERJ12YJ471U (470 Ω)
R172	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R173	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R181	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R182	7030003280	S.RESISTOR	ERJ3GEYJ 470 V (47 Ω)
R183	7030003280	S.RESISTOR	ERJ3GEYJ 470 V (47 Ω)
R184	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R185	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R186	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R191	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R192	7030003420	S.RESISTOR	ERJ3GEYJ 681 V (680 Ω)
R193	7030003340	S.RESISTOR	ERJ3GEYJ 151 V (150 Ω)
R194	7030003270	S.RESISTOR	ERJ3GEYJ 390 V (39 Ω)
R195	7030003340	S.RESISTOR	ERJ3GEYJ 151 V (150 Ω)
R196	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R202	7030003480	S.RESISTOR	ERJ3GEYJ 222 V (2.2 kΩ)
R211	7030006260	S.RESISTOR	ERJ12YJ471U (470 Ω)
R212	7030003410	S.RESISTOR	ERJ3GEYJ 561 V (560 Ω)
R213	7030003410	S.RESISTOR	ERJ3GEYJ 561 V (560 Ω)
R214	7030006260	S.RESISTOR	ERJ12YJ471U (470 Ω)
R215	7030003400	S.RESISTOR	ERJ3GEYJ 471 V (470 Ω)
R216	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R217	7030003280	S.RESISTOR	ERJ3GEYJ 470 V (47 Ω)
R218	7310002720	S.TRIMMER	RV-148 (RH03A3AS3X0DA) 472
R219	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R231	7030003280	S.RESISTOR	ERJ3GEYJ 470 V (47 Ω)
R233	7030003431	RESISTOR	PSD1/4V 1.8 kΩ
R241	7030003280	S.RESISTOR	ERJ3GEYJ 470 V (47 Ω)
R242	7030003280	S.RESISTOR	ERJ3GEYJ 470 V (47 Ω)
R243	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R244	7030003480	S.RESISTOR	ERJ3GEYJ 222 V (2.2 kΩ)
R245	7030003600	S.RESISTOR	ERJ3GEYJ 223 V (22 kΩ)
R246	7030003300	S.RESISTOR	ERJ3GEYJ 680 V (68 Ω)
R248	7030003280	S.RESISTOR	ERJ3GEYJ 470 V (47 Ω)
R249	7030003480	S.RESISTOR	ERJ3GEYJ 222 V (2.2 kΩ)
R250	7030003490	S.RESISTOR	ERJ3GEYJ 272 V (2.7 kΩ)
R251	7030003480	S.RESISTOR	ERJ3GEYJ 222 V (2.2 kΩ)
R252	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R253	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)

S.=Surface mount

[RF UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
R254	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R255	7030003480	S.RESISTOR	ERJ3GEYJ 222 V (2.2 kΩ)
R261	7030003370	S.RESISTOR	ERJ3GEYJ 271 V (270 Ω)
R262	7030003230	S.RESISTOR	ERJ3GEYJ 180 V (18 Ω)
R263	7030003370	S.RESISTOR	ERJ3GEYJ 271 V (270 Ω)
R264	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R271	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R272	7030003470	S.RESISTOR	ERJ3GEYJ 182 V (1.8 kΩ)
R273	7030003340	S.RESISTOR	ERJ3GEYJ 151 V (150 Ω)
R274	7030003600	S.RESISTOR	ERJ3GEYJ 223 V (22 kΩ)
R275	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R276	7030003370	S.RESISTOR	ERJ3GEYJ 271 V (270 Ω)
R277	7030003370	S.RESISTOR	ERJ3GEYJ 271 V (270 Ω)
R278	7030003500	S.RESISTOR	ERJ3GEYJ 332 V (3.3 kΩ)
R279	7030003390	S.RESISTOR	ERJ3GEYJ 391 V (390 Ω)
R289	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R291	7030003400	S.RESISTOR	ERJ3GEYJ 471 V (470 Ω)
R301	7030003310	S.RESISTOR	ERJ3GEYJ 820 V (82 Ω)
R302	7030003420	S.RESISTOR	ERJ3GEYJ 681 V (680 Ω)
R303	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R304	7030003200	S.RESISTOR	ERJ3GEYJ 100 V (10 Ω)
R305	7030003280	S.RESISTOR	ERJ3GEYJ 470 V (47 Ω)
R306	7030003400	S.RESISTOR	ERJ3GEYJ 471 V (470 Ω)
R307	7030003400	S.RESISTOR	ERJ3GEYJ 471 V (470 Ω)
R308	7030003280	S.RESISTOR	ERJ3GEYJ 470 V (47 Ω)
R309	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R310	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R311	7030006260	S.RESISTOR	ERJ12YJ471U (470 Ω)
R312	7030006260	S.RESISTOR	ERJ12YJ471U (470 Ω)
R313	7030003480	S.RESISTOR	ERJ3GEYJ 222 V (2.2 kΩ)
R314	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R315	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R316	7030003260	S.RESISTOR	ERJ3GEYJ 330 V (33 Ω)
R321	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R322	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R324	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R325	7030004040	S.RESISTOR	ERJ3GEYJ 4R7 V (4.7 Ω)
R326	7030004040	S.RESISTOR	ERJ3GEYJ 4R7 V (4.7 Ω)
R327	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R328	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R329	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R330	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R331	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R332	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R333	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R334	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R335	7030003200	S.RESISTOR	ERJ3GEYJ 100 V (10 Ω)
R336	7030003200	S.RESISTOR	ERJ3GEYJ 100 V (10 Ω)
R337	7030003200	S.RESISTOR	ERJ3GEYJ 100 V (10 Ω)
R338	7030003200	S.RESISTOR	ERJ3GEYJ 100 V (10 Ω)
R339	7030003200	S.RESISTOR	ERJ3GEYJ 100 V (10 Ω)
R340	7030003200	S.RESISTOR	ERJ3GEYJ 100 V (10 Ω)
R341	7030003200	S.RESISTOR	ERJ3GEYJ 100 V (10 Ω)
R342	7030003200	S.RESISTOR	ERJ3GEYJ 100 V (10 Ω)
R343	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R344	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R345	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R346	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R347	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R348	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R349	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R350	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R351	7030003200	S.RESISTOR	ERJ3GEYJ 100 V (10 Ω)
R352	7030003200	S.RESISTOR	ERJ3GEYJ 100 V (10 Ω)
R353	7030003200	S.RESISTOR	ERJ3GEYJ 100 V (10 Ω)
R354	7030003200	S.RESISTOR	ERJ3GEYJ 100 V (10 Ω)
R355	7030003200	S.RESISTOR	ERJ3GEYJ 100 V (10 Ω)
R356	7030003200	S.RESISTOR	ERJ3GEYJ 100 V (10 Ω)
R357	7030003200	S.RESISTOR	ERJ3GEYJ 100 V (10 Ω)
R358	7030003200	S.RESISTOR	ERJ3GEYJ 100 V (10 Ω)
R359	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R501	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R502	7030003400	S.RESISTOR	ERJ3GEYJ 471 V (470 Ω)
R503	7030003610	S.RESISTOR	ERJ3GEYJ 273 V (27 kΩ)
R504	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R505	7030003300	S.RESISTOR	ERJ3GEYJ 680 V (68 Ω)
R506	7030003250	S.RESISTOR	ERJ3GEYJ 270 V (27 Ω)
R507	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R508	7030003470	S.RESISTOR	ERJ3GEYJ 182 V (1.8 kΩ)
R509	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R510	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R511	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)

[RF UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
R541	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R542	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R543	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R544	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R545	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R546	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R547	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R548	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R549	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1000	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1002	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1003	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1004	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1005	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1006	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1007	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1008	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1009	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1011	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1012	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1013	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1014	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1015	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1016	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1017	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1018	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1019	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1020	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1025	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1026	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1027	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1031	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1032	7310003820	TRIMMER	EVN-D2AA03 B14
R1033	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1051	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1052	7030003450	S.RESISTOR	ERJ3GEYJ 122 V (1.2 kΩ)
R1081	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R1082	7030003480	S.RESISTOR	ERJ3GEYJ 222 V (2.2 kΩ)
R1101	7030007220	S.RESISTOR	ERA3YED 202V
R1102	7030007220	S.RESISTOR	ERA3YED 202V
R1103	7030007230	S.RESISTOR	ERA3YED 102V
R1104	7030007220	S.RESISTOR	ERA3YED 202V
R1105	7030007230	S.RESISTOR	ERA3YED 102V
R1106	7030007220	S.RESISTOR	ERA3YED 202V
R1107	7030007230	S.RESISTOR	ERA3YED 102V
R1108	7030007220	S.RESISTOR	ERA3YED 202V
R1109	7030007230	S.RESISTOR	ERA3YED 102V
R1110	7030007220	S.RESISTOR	ERA3YED 202V
R1111	7030007230	S.RESISTOR	ERA3YED 102V
R1112	7030007220	S.RESISTOR	ERA3YED 202V
R1113	7030007230	S.RESISTOR	ERA3YED 102V
R1114	7030007220	S.RESISTOR	ERA3YED 202V
R1115	7030007210	S.RESISTOR	ERA3YEB 102V
R1116	7030007200	S.RESISTOR	ERA3YEB 202V
R1117	7030007210	S.RESISTOR	ERA3YEB 102V
R1118	7030007200	S.RESISTOR	ERA3YEB 202V
R1119	7030007210	S.RESISTOR	ERA3YEB 102V
R1120	7030007200	S.RESISTOR	ERA3YEB 202V
R1121	7030007210	S.RESISTOR	ERA3YEB 102V
R1122	7030007200	S.RESISTOR	ERA3YEB 202V
R1123	7030007210	S.RESISTOR	ERA3YEB 102V
R1124	7030007200	S.RESISTOR	ERA3YEB 202V
R1125	7030003400	S.RESISTOR	ERJ3GEYJ 471 V (470 Ω)
R1127	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R1128	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1129	7030003360	S.RESISTOR	ERJ3GEYJ 221 V (220 Ω)
R1130	7030003280	S.RESISTOR	ERJ3GEYJ 470 V (47 Ω)
R1132	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1133	7030003360	S.RESISTOR	ERJ3GEYJ 221 V (220 Ω)
R1134	7030003280	S.RESISTOR	ERJ3GEYJ 470 V (47 Ω)
R1135	7030010390	S.RESISTOR	ERA3YED 821V
R1136	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1137	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1138	7030009640	S.RESISTOR	RR0816Q-150-D (15 Ω)
R1139	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1140	7030003370	S.RESISTOR	ERJ3GEYJ 271 V (270 Ω)
R1142	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1144	7030006091	S.RESISTOR	ERA3YED 822V
R1147	7030003360	S.RESISTOR	ERJ3GEYJ 221 V (220 Ω)
R1148	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1149	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1150	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)

S.=Surface mount

[RF UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
R1151	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1152	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1153	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1154	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1155	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1156	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1157	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1159	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1202	7030003280	S.RESISTOR	ERJ3GEYJ 470 V (47 Ω)
R1203	7030003380	S.RESISTOR	ERJ3GEYJ 331 V (330 Ω)
R1204	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R1222	7030003280	S.RESISTOR	ERJ3GEYJ 470 V (47 Ω)
R1223	7030003380	S.RESISTOR	ERJ3GEYJ 331 V (330 Ω)
R1224	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R1242	7030003280	S.RESISTOR	ERJ3GEYJ 470 V (47 Ω)
R1243	7030003380	S.RESISTOR	ERJ3GEYJ 331 V (330 Ω)
R1244	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R1262	7030003280	S.RESISTOR	ERJ3GEYJ 470 V (47 Ω)
R1263	7030003380	S.RESISTOR	ERJ3GEYJ 331 V (330 Ω)
R1264	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R1281	7030003280	S.RESISTOR	ERJ3GEYJ 470 V (47 Ω)
R1282	7030003470	S.RESISTOR	ERJ3GEYJ 182 V (1.8 kΩ)
R1283	7030003480	S.RESISTOR	ERJ3GEYJ 222 V (2.2 kΩ)
R1284	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1301	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R1302	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1303	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R1304	7030003340	S.RESISTOR	ERJ3GEYJ 151 V (150 Ω)
R1305	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1306	7030003340	S.RESISTOR	ERJ3GEYJ 151 V (150 Ω)
R1307	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1308	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R1309	7030003360	S.RESISTOR	ERJ3GEYJ 221 V (220 Ω)
R1310	7030003220	S.RESISTOR	ERJ3GEYJ 150 V (15 Ω)
R1311	7030003220	S.RESISTOR	ERJ3GEYJ 150 V (15 Ω)
R1312	7030003220	S.RESISTOR	ERJ3GEYJ 150 V (15 Ω)
R1402	7030003340	S.RESISTOR	ERJ3GEYJ 151 V (150 Ω)
R1403	7030003340	S.RESISTOR	ERJ3GEYJ 151 V (150 Ω)
R1404	7030003450	S.RESISTOR	ERJ3GEYJ 122 V (1.2 kΩ)
R1405	7030003500	S.RESISTOR	ERJ3GEYJ 332 V (3.3 kΩ)
R1406	7030003280	S.RESISTOR	ERJ3GEYJ 470 V (47 Ω)
R1407	7030003280	S.RESISTOR	ERJ3GEYJ 470 V (47 Ω)
R1416	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1417	7030003370	S.RESISTOR	ERJ3GEYJ 271 V (270 Ω)
R1418	7030003230	S.RESISTOR	ERJ3GEYJ 180 V (18 Ω)
R1419	7030003370	S.RESISTOR	ERJ3GEYJ 271 V (270 Ω)
R1501	7030003300	S.RESISTOR	ERJ3GEYJ 680 V (68 Ω)
R1502	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1506	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1521	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1524	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1561	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1562	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1581	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1582	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1601	7030007200	S.RESISTOR	ERA3YEB 202V
R1602	7030007210	S.RESISTOR	ERA3YEB 102V
R1603	7030007200	S.RESISTOR	ERA3YEB 202V
R1604	7030007210	S.RESISTOR	ERA3YEB 102V
R1605	7030007200	S.RESISTOR	ERA3YEB 202V
R1606	7030007210	S.RESISTOR	ERA3YEB 102V
R1607	7030007200	S.RESISTOR	ERA3YEB 202V
R1608	7030007210	S.RESISTOR	ERA3YEB 102V
R1609	7030007200	S.RESISTOR	ERA3YEB 202V
R1610	7030007210	S.RESISTOR	ERA3YEB 102V
R1611	7030007220	S.RESISTOR	ERA3YED 202V
R1612	7030007230	S.RESISTOR	ERA3YED 102V
R1613	7030007220	S.RESISTOR	ERA3YED 202V
R1614	7030007230	S.RESISTOR	ERA3YED 102V
R1615	7030007220	S.RESISTOR	ERA3YED 202V
R1616	7030007230	S.RESISTOR	ERA3YED 102V
R1617	7030007220	S.RESISTOR	ERA3YED 202V
R1618	7030007230	S.RESISTOR	ERA3YED 102V
R1619	7030007220	S.RESISTOR	ERA3YED 202V
R1620	7030007220	S.RESISTOR	ERA3YED 202V
R1621	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1622	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1623	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1624	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1626	7030003370	S.RESISTOR	ERJ3GEYJ 271 V (270 Ω)
R1627	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1630	7030003480	S.RESISTOR	ERJ3GEYJ 222 V (2.2 kΩ)

[RF UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
R1632	7030003360	S.RESISTOR	ERJ3GEYJ 221 V (220 Ω)
R1802	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R1803	7030003400	S.RESISTOR	ERJ3GEYJ 471 V (470 Ω)
R1805	7030007490	S.RESISTOR	MCR03EZHJ 10 MΩ
R1806	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1808	7030003400	S.RESISTOR	ERJ3GEYJ 471 V (470 Ω)
R1809	7030003200	S.RESISTOR	ERJ3GEYJ 100 V (10 Ω)
R1810	7030003400	S.RESISTOR	ERJ3GEYJ 471 V (470 Ω)
R1817	7030009651	S.RESISTOR	ERA3YHD 820V
R1818	7030006581	S.RESISTOR	ERA3YED 122V
R1820	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1821	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1822	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1823	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1824	7030003200	S.RESISTOR	ERJ3GEYJ 100 V (10 Ω)
R1904	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1905	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R1906	7030003580	S.RESISTOR	ERJ3GEYJ 153 V (15 kΩ)
R1907	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R1908	7030003400	S.RESISTOR	ERJ3GEYJ 471 V (470 Ω)
R1909	7030003470	S.RESISTOR	ERJ3GEYJ 182 V (1.8 kΩ)
R1910	7030003480	S.RESISTOR	ERJ3GEYJ 222 V (2.2 kΩ)
R1911	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R1912	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1913	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1914	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R1915	7030003370	S.RESISTOR	ERJ3GEYJ 271 V (270 Ω)
R1916	7030003600	S.RESISTOR	ERJ3GEYJ 223 V (22 kΩ)
R1917	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R1918	7030003370	S.RESISTOR	ERJ3GEYJ 271 V (270 Ω)
R1919	7030003200	S.RESISTOR	ERJ3GEYJ 100 V (10 Ω)
R1922	7030003360	S.RESISTOR	ERJ3GEYJ 221 V (220 Ω)
R1923	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R1924	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R2004	7030003570	S.RESISTOR	ERJ3GEYJ 123 V (12 kΩ)
R2005	7030003620	S.RESISTOR	ERJ3GEYJ 333 V (33 kΩ)
R2006	7030003530	S.RESISTOR	ERJ3GEYJ 562 V (5.6 kΩ)
C1	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C2	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C3	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C4	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C5	4030008470	S.CERAMIC	C1608 JB 1H 272K-T-A
C6	4030009880	S.CERAMIC	C1608 JB 1H 682K-T-A
C7	4030009980	S.CERAMIC	C1608 JB 1H 152K-T-A
C8	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C9	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C10	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C11	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C12	4030008650	S.CERAMIC	C1608 JB 1H 332K-T-A
C13	4030011330	S.CERAMIC	C1608 CH 1H 391J-T-A
C14	4030008650	S.CERAMIC	C1608 JB 1H 332K-T-A
C15	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C16	4030009000	S.CERAMIC	C2012 JB 1C 224K-T-A
C17	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C21	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C22	4030017840	S.CERAMIC	C2012 CH 1H 222J-T-N
C23	4030017810	S.CERAMIC	C1608 CH 1H 102J-T-N
C24	4030017840	S.CERAMIC	C2012 CH 1H 222J-T-N
C25	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C31	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C32	4030017830	S.CERAMIC	C2012 CH 1H 152J-T-N
C33	4030017810	S.CERAMIC	C1608 CH 1H 102J-T-N
C34	4030017830	S.CERAMIC	C2012 CH 1H 152J-T-N
C35	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C41	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C42	4030009580	S.CERAMIC	C1608 JB 1H 681K-T-A
C43	4030011830	S.CERAMIC	C1608 CH 1H 301J-T-A
C44	4030009580	S.CERAMIC	C1608 JB 1H 681K-T-A
C45	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C51	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C52	4030009580	S.CERAMIC	C1608 JB 1H 681K-T-A
C53	4030007150	S.CERAMIC	C1608 CH 1H 151J-T-A
C54	4030009580	S.CERAMIC	C1608 JB 1H 681K-T-A
C55	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C61	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C62	4030017800	S.CERAMIC	C1608 CH 1H 561J-T-N
C63	4030007110	S.CERAMIC	C1608 CH 1H 680J-T-A
C64	4030017800	S.CERAMIC	C1608 CH 1H 561J-T-N
C65	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C71	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N

S.=Surface mount

[RF UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
C72	4030011330	S.CERAMIC	C1608 CH 1H 391J-T-A
C73	4030007110	S.CERAMIC	C1608 CH 1H 680J-T-A
C74	4030011330	S.CERAMIC	C1608 CH 1H 391J-T-A
C75	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C81	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C82	4030010760	S.CERAMIC	C1608 CH 1H 331J-T-A
C83	4030007080	S.CERAMIC	C1608 CH 1H 390J-T-A
C84	4030010760	S.CERAMIC	C1608 CH 1H 331J-T-A
C85	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C88	4030009000	S.CERAMIC	C2012 JB 1C 224K-T-A
C89	4030007040	S.CERAMIC	C1608 CH 1H 180J-T-A
C90	4030007040	S.CERAMIC	C1608 CH 1H 180J-T-A
C91	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C92	4030007110	S.CERAMIC	C1608 CH 1H 680J-T-A
C93	4030007040	S.CERAMIC	C1608 CH 1H 180J-T-A
C94	4030007120	S.CERAMIC	C1608 CH 1H 820J-T-A
C95	4030007040	S.CERAMIC	C1608 CH 1H 180J-T-A
C96	4030007090	S.CERAMIC	C1608 CH 1H 470J-T-A
C97	4030007090	S.CERAMIC	C1608 CH 1H 470J-T-A
C98	4030007090	S.CERAMIC	C1608 CH 1H 470J-T-A
C99	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C100	4030011280	S.CERAMIC	C1608 CH 1H 271J-T-A
C101	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C102	4030007100	S.CERAMIC	C1608 CH 1H 560J-T-A
C103	4030007110	S.CERAMIC	C1608 CH 1H 680J-T-A
C104	4030007100	S.CERAMIC	C1608 CH 1H 560J-T-A
C105	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C109	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C110	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C111	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C112	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C113	4030006980	S.CERAMIC	C1608 CH 1H 070D-T-A
C114	4030009560	S.CERAMIC	C1608 CH 1H R75B-T-A
C115	4030009920	S.CERAMIC	C1608 CH 1H 050B-T-A
C116	4030009560	S.CERAMIC	C1608 CH 1H R75B-T-A
C117	4030006980	S.CERAMIC	C1608 CH 1H 070D-T-A
C118	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C119	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C120	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C121	4030007040	S.CERAMIC	C1608 CH 1H 180J-T-A
C122	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C123	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C124	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C136	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C143	4030007090	S.CERAMIC	C1608 CH 1H 470J-T-A
C144	4030007120	S.CERAMIC	C1608 CH 1H 820J-T-A
C146	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C148	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C150	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C151	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C152	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C153	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C154	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C155	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C156	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C157	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C161	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C171	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C172	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C173	4030007010	S.CERAMIC	C1608 CH 1H 100D-T-A
C174	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C181	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C182	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C183	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C185	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C191	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C192	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C193	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C194	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C195	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C196	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C197	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C198	4030009920	S.CERAMIC	C1608 CH 1H 050B-T-A
C201	4030007170	S.CERAMIC	C1608 CH 1H 221J-T-A
C211	4030007100	S.CERAMIC	C1608 CH 1H 560J-T-A
C212	4030007070	S.CERAMIC	C1608 CH 1H 330J-T-A
C213	4030007120	S.CERAMIC	C1608 CH 1H 820J-T-A
C214	4030007030	S.CERAMIC	C1608 CH 1H 150J-T-A
C215	4030007100	S.CERAMIC	C1608 CH 1H 560J-T-A
C216	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C217	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C218	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N

[RF UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
C219	4030009530	S.CERAMIC	C1608 CH 1H 030B-T-A
C220	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C221	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C222	4030007010	S.CERAMIC	C1608 CH 1H 100D-T-A
C224	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C225	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C226	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C228	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C229	4030007020	S.CERAMIC	C1608 CH 1H 120J-T-A
C230	4030007010	S.CERAMIC	C1608 CH 1H 100D-T-A
C231	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C232	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C233	4030007040	S.CERAMIC	C1608 CH 1H 180J-T-A
C234	4030007130	S.CERAMIC	C1608 CH 1H 101J-T-A
C235	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C236	4030007070	S.CERAMIC	C1608 CH 1H 330J-T-A
C240	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C241	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C242	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C243	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C244	4030007020	S.CERAMIC	C1608 CH 1H 120J-T-A
C245	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C246	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C247	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C248	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C249	4030007010	S.CERAMIC	C1608 CH 1H 100D-T-A
C250	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C251	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C252	4030011770	S.CERAMIC	C1608 CH 1H 060B-T-A
C253	4030006980	S.CERAMIC	C1608 CH 1H 070D-T-A
C254	4030011770	S.CERAMIC	C1608 CH 1H 060B-T-A
C255	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C256	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C257	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C258	4030009910	S.CERAMIC	C1608 CH 1H 040B-T-A
C261	4030011340	S.CERAMIC	C1608 CH 1H 471J-T-A
C262	4030011330	S.CERAMIC	C1608 CH 1H 391J-T-A
C263	4030007110	S.CERAMIC	C1608 CH 1H 680J-T-A
C264	4030011330	S.CERAMIC	C1608 CH 1H 391J-T-A
C265	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C271	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C272	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C273	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C275	4030011770	S.CERAMIC	C1608 CH 1H 060B-T-A
C276	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C277	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C278	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C286	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C287	4030007060	S.CERAMIC	C1608 CH 1H 270J-T-A
C288	4030011770	S.CERAMIC	C1608 CH 1H 060B-T-A
C289	4030007030	S.CERAMIC	C1608 CH 1H 150J-T-A
C290	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C291	4030007030	S.CERAMIC	C1608 CH 1H 150J-T-A
C292	4030007100	S.CERAMIC	C1608 CH 1H 560J-T-A
C293	4030007100	S.CERAMIC	C1608 CH 1H 560J-T-A
C296	4030006980	S.CERAMIC	C1608 CH 1H 070D-T-A
C298	4030009920	S.CERAMIC	C1608 CH 1H 050B-T-A
C300	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C301	4030007080	S.CERAMIC	C1608 CH 1H 390J-T-A
C302	4030007170	S.CERAMIC	C1608 CH 1H 221J-T-A
C303	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C304	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C305	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C306	4030007050	S.CERAMIC	C1608 CH 1H 220J-T-A
C307	4030011770	S.CERAMIC	C1608 CH 1H 060B-T-A
C308	4030007070	S.CERAMIC	C1608 CH 1H 330J-T-A
C309	4030009520	S.CERAMIC	C1608 CH 1H 020B-T-A
C310	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C311	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C312	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C313	4030007070	S.CERAMIC	C1608 CH 1H 330J-T-A
C314	4030007020	S.CERAMIC	C1608 CH 1H 120J-T-A
C315	4030007090	S.CERAMIC	C1608 CH 1H 470J-T-A
C316	4030009920	S.CERAMIC	C1608 CH 1H 050B-T-A
C317	4030007080	S.CERAMIC	C1608 CH 1H 390J-T-A
C318	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C319	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C320	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C321	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C322	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C323	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C324	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N

S.=Surface mount

[RF UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
C325	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C326	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C327	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C328	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C329	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C330	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C331	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C401	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C402	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C403	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C500	4030007130	S.CERAMIC	C1608 CH 1H 101J-T-A
C501	4030007030	S.CERAMIC	C1608 CH 1H 150J-T-A
C503	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C504	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C505	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C507	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C508	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C509	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C510	4030007020	S.CERAMIC	C1608 CH 1H 120J-T-A
C511	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C512	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C513	4030009560	S.CERAMIC	C1608 CH 1H R75B-T-A
C514	4030007030	S.CERAMIC	C1608 CH 1H 150J-T-A
C515	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C517	4030009500	S.CERAMIC	C1608 CH 1H 0R5B-T-A
C518	4030007030	S.CERAMIC	C1608 CH 1H 150J-T-A
C519	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C521	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C528	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C529	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C530	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C541	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C542	4030007090	S.CERAMIC	C1608 CH 1H 470J-T-A
C543	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C544	4030007090	S.CERAMIC	C1608 CH 1H 470J-T-A
C545	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C546	4030007090	S.CERAMIC	C1608 CH 1H 470J-T-A
C547	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C548	4030007090	S.CERAMIC	C1608 CH 1H 470J-T-A
C1001	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1002	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1003	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1004	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1008	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1010	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C1011	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1012	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1013	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1014	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1031	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1032	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1051	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1052	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1053	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1054	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1055	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1057	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1059	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1075	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C1081	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1082	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1083	4030007090	S.CERAMIC	C1608 CH 1H 470J-T-A
C1101	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1102	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1103	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1104	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1105	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1106	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1107	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1108	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1109	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1110	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1111	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1112	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1113	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1114	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1115	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1116	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1117	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1118	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1119	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1120	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N

[RF UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
C1121	4550006250	S.TANTALUM	TEMSVA 1A 106M-8L
C1122	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1131	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1141	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1151	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1155	4030007090	S.CERAMIC	C1608 CH 1H 470J-T-A
C1161	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1162	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1163	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1164	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1165	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1166	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1167	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1191	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1202	4030007130	S.CERAMIC	C1608 CH 1H 101J-T-A
C1203	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1204	4030011340	S.CERAMIC	C1608 CH 1H 471J-T-A
C1205	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1206	4030009540	S.CERAMIC	C1608 CH 1H 1R5B-T-A
C1207	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1208	4610001830	S.TRIMMER	TZBX4N100BA110T00 10P
C1209	4030007020	S.CERAMIC	C1608 CH 1H 120J-T-A
C1211	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C1222	4030010760	S.CERAMIC	C1608 CH 1H 331J-T-A
C1223	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1224	4030011340	S.CERAMIC	C1608 CH 1H 471J-T-A
C1225	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1226	4030009540	S.CERAMIC	C1608 CH 1H 1R5B-T-A
C1227	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1228	4610001830	S.TRIMMER	TZBX4N100BA110T00 10P
C1229	4030009920	S.CERAMIC	C1608 CH 1H 050B-T-A
C1231	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C1242	4030007080	S.CERAMIC	C1608 CH 1H 390J-T-A
C1243	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1244	4030011340	S.CERAMIC	C1608 CH 1H 471J-T-A
C1245	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1246	4030009540	S.CERAMIC	C1608 CH 1H 1R5B-T-A
C1247	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1248	4610001830	S.TRIMMER	TZBX4N100BA110T00 10P
C1249	4030006990	S.CERAMIC	C1608 CH 1H 080D-T-A
C1251	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C1262	4030007060	S.CERAMIC	C1608 CH 1H 270J-T-A
C1263	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1264	4030011340	S.CERAMIC	C1608 CH 1H 471J-T-A
C1265	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1266	4030009510	S.CERAMIC	C1608 CH 1H 010B-T-A
C1267	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1268	4610001860	S.TRIMMER	TZBX4Z060BA110T00 6P
C1269	4030009530	S.CERAMIC	C1608 CH 1H 030B-T-A
C1271	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C1281	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1282	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1284	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1291	4030007060	S.CERAMIC	C1608 CH 1H 270J-T-A
C1292	4030007120	S.CERAMIC	C1608 CH 1H 820J-T-A
C1293	4030007080	S.CERAMIC	C1608 CH 1H 390J-T-A
C1301	4030007070	S.CERAMIC	C1608 CH 1H 330J-T-A
C1302	4030009910	S.CERAMIC	C1608 CH 1H 040B-T-A
C1303	4610001850	S.TRIMMER	TZBX4R200BA110T00 20P
C1304	4030016550	S.CERAMIC	CM105 CH 151G 50AT
C1305	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1306	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1307	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1308	4030016550	S.CERAMIC	CM105 CH 151G 50AT
C1309	4030016550	S.CERAMIC	CM105 CH 151G 50AT
C1310	4030007010	S.CERAMIC	C1608 CH 1H 100D-T-A
C1311	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1312	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1408	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1409	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1410	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1411	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1412	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1422	4030007040	S.CERAMIC	C1608 CH 1H 180J-T-A
C1423	4030007030	S.CERAMIC	C1608 CH 1H 150J-T-A
C1424	4030007060	S.CERAMIC	C1608 CH 1H 270J-T-A
C1425	4030007130	S.CERAMIC	C1608 CH 1H 101J-T-A
C1426	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1427	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1428	4030007120	S.CERAMIC	C1608 CH 1H 820J-T-A
C1429	4030007130	S.CERAMIC	C1608 CH 1H 101J-T-A
C1501	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A

S.=Surface mount

[RF UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
C1502	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1503	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1520	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C1521	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1522	4030007030	S.CERAMIC	C1608 CH 1H 150J-T-A
C1523	4030007070	S.CERAMIC	C1608 CH 1H 330J-T-A
C1524	4030007000	S.CERAMIC	C1608 CH 1H 090D-T-A
C1525	4030007030	S.CERAMIC	C1608 CH 1H 150J-T-A
C1526	4030009530	S.CERAMIC	C1608 CH 1H 030B-T-A
C1527	4030007050	S.CERAMIC	C1608 CH 1H 220J-T-A
C1528	4030009920	S.CERAMIC	C1608 CH 1H 050B-T-A
C1529	4030007030	S.CERAMIC	C1608 CH 1H 150J-T-A
C1530	4030007130	S.CERAMIC	C1608 CH 1H 101J-T-A
C1531	4030007040	S.CERAMIC	C1608 CH 1H 180J-T-A
C1561	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1562	4030007080	S.CERAMIC	C1608 CH 1H 390J-T-A
C1563	4030007010	S.CERAMIC	C1608 CH 1H 100D-T-A
C1564	4030007080	S.CERAMIC	C1608 CH 1H 390J-T-A
C1565	4030006980	S.CERAMIC	C1608 CH 1H 070D-T-A
C1567	4030007060	S.CERAMIC	C1608 CH 1H 270J-T-A
C1581	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1582	4030007070	S.CERAMIC	C1608 CH 1H 330J-T-A
C1583	4030006980	S.CERAMIC	C1608 CH 1H 070D-T-A
C1584	4030007060	S.CERAMIC	C1608 CH 1H 270J-T-A
C1585	4030009920	S.CERAMIC	C1608 CH 1H 050B-T-A
C1586	4030007050	S.CERAMIC	C1608 CH 1H 220J-T-A
C1587	4030007070	S.CERAMIC	C1608 CH 1H 330J-T-A
C1601	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1602	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1603	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1604	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1605	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1606	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1607	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1608	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1609	4030011340	S.CERAMIC	C1608 CH 1H 471J-T-A
C1610	4030007120	S.CERAMIC	C1608 CH 1H 820J-T-A
C1611	4030009580	S.CERAMIC	C1608 JB 1H 681K-T-A
C1612	4030007070	S.CERAMIC	C1608 CH 1H 330J-T-A
C1613	4030010040	S.CERAMIC	C1608 JB 1H 561K-T-A
C1615	4030011280	S.CERAMIC	C1608 CH 1H 271J-T-A
C1616	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C1617	4030011280	S.CERAMIC	C1608 CH 1H 271J-T-A
C1630	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1801	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1802	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1803	4030007010	S.CERAMIC	C1608 CH 1H 100D-T-A
C1804	4030007060	S.CERAMIC	C1608 CH 1H 270J-T-A
C1805	4030007040	S.CERAMIC	C1608 CH 1H 180J-T-A
C1806	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1807	4030007130	S.CERAMIC	C1608 CH 1H 101J-T-A
C1809	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1810	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1811	4550006480	S.TANTALUM	TEMSVA 1C 475M-8L
C1812	4560000080	CERAMIC	D33Y5V 1H 103Z21
C1814	4030007030	S.CERAMIC	C1608 CH 1H 150J-T-A
C1816	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1817	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1818	4030011340	S.CERAMIC	C1608 CH 1H 471J-T-A
C1819	4030007100	S.CERAMIC	C1608 CH 1H 560J-T-A
C1820	4030009580	S.CERAMIC	C1608 JB 1H 681K-T-A
C1856	4030011340	S.CERAMIC	C1608 CH 1H 471J-T-A
C1857	4550006480	S.TANTALUM	TEMSVA 1C 475M-8L
C1858	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1904	4030008070	S.CERAMIC	C1608 TH 1H 470J-T-A
C1905	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1906	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1908	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1909	4030008070	S.CERAMIC	C1608 TH 1H 470J-T-A
C1916	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1917	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1918	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1919	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1920	4030007170	S.CERAMIC	C1608 CH 1H 221J-T-A
C1921	4030007050	S.CERAMIC	C1608 CH 1H 220J-T-A
C1922	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1923	4030009510	S.CERAMIC	C1608 CH 1H 010B-T-A
C1924	4030007050	S.CERAMIC	C1608 CH 1H 220J-T-A
C1925	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1926	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1927	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1928	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A

[RF UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
C1931	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C2004	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C2005	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
RL1	6330001320	RELAY	AHY103
J1	6510007020	CONNECTOR	TMP-J01X-V6
J2	6510022590	S.CONNECTOR	22FMN-BMTTR-A-TBT
J121	6510007020	CONNECTOR	TMP-J01X-V6
J151	6510007020	CONNECTOR	TMP-J01X-V6
J262	6510007020	CONNECTOR	TMP-J01X-V6
J401	6450001490	CONNECTOR	HLJ7001-01-3010
J1001	6510022590	S.CONNECTOR	22FMN-BMTTR-A-TBT
W2	7030008240	S.JUMPER	ERJ12YJ0R00U
W151	7030003860	S.JUMPER	ERJ3GE JPW V
W201	7030003860	S.JUMPER	ERJ3GE JPW V
W221	7030003860	S.JUMPER	ERJ3GE JPW V
W222	7030003860	S.JUMPER	ERJ3GE JPW V
W223	7030003860	S.JUMPER	ERJ3GE JPW V
W224	7030003860	S.JUMPER	ERJ3GE JPW V
W225	7030003860	S.JUMPER	ERJ3GE JPW V
W231	7030003860	S.JUMPER	ERJ3GE JPW V
W241	7030008240	S.JUMPER	ERJ12YJ0R00U
W242	7030003860	S.JUMPER	ERJ3GE JPW V
W243	7030003860	S.JUMPER	ERJ3GE JPW V
W254	7120000470	JUMPER	ERDS2T0
W255	7030003860	S.JUMPER	ERJ3GE JPW V
W225	7030003860	S.JUMPER	ERJ3GE JPW V
W256	7030003860	S.JUMPER	ERJ3GE JPW V
W257	7030003860	S.JUMPER	ERJ3GE JPW V
W302	7030008240	S.JUMPER	ERJ12YJ0R00U
W303	7030008240	S.JUMPER	ERJ12YJ0R00U
W304	7030008240	S.JUMPER	ERJ12YJ0R00U
W305	7030003860	S.JUMPER	ERJ3GE JPW V
W306	7030008240	S.JUMPER	ERJ12YJ0R00U
W307	7030003860	S.JUMPER	ERJ3GE JPW V
W502	7030003860	S.JUMPER	ERJ3GE JPW V
W520	7030003860	S.JUMPER	ERJ3GE JPW V
W521	7030003860	S.JUMPER	ERJ3GE JPW V
W532	7030003860	S.JUMPER	ERJ3GE JPW V
W533	7030003860	S.JUMPER	ERJ3GE JPW V
W536	7030008240	S.JUMPER	ERJ12YJ0R00U
W537	7030008240	S.JUMPER	ERJ12YJ0R00U
W1001	7030009300	S.JUMPER	ERJ1WY0R00U
W1002	7030009300	S.JUMPER	ERJ1WY0R00U
W1003	7030009300	S.JUMPER	ERJ1WY0R00U
W1004	7030009300	S.JUMPER	ERJ1WY0R00U
W1081	7030003860	S.JUMPER	ERJ3GE JPW V
W1082	7030003860	S.JUMPER	ERJ3GE JPW V
W1403	7030003860	S.JUMPER	ERJ3GE JPW V
W1404	7030003860	S.JUMPER	ERJ3GE JPW V
W1405	7030003860	S.JUMPER	ERJ3GE JPW V
W1406	7030003860	S.JUMPER	ERJ3GE JPW V
W1407	7030003860	S.JUMPER	ERJ3GE JPW V
W1408	7030003860	S.JUMPER	ERJ3GE JPW V
W1601	7030003860	S.JUMPER	ERJ3GE JPW V
W1604	7030003860	S.JUMPER	ERJ3GE JPW V
W1605	7030003860	S.JUMPER	ERJ3GE JPW V
W1902	7030003860	S.JUMPER	ERJ3GE JPW V
W2001	7030003860	S.JUMPER	ERJ3GE JPW V
EP1	0910054625	PCB	B 5698E
EP2	6910000630	BEAD	FSOH070RN
EP4	6910012350	S.BEAD	MMZ1608Y 102BT
EP5	6910012350	S.BEAD	MMZ1608Y 102BT
EP6	6910012350	S.BEAD	MMZ1608Y 102BT
EP7	6910012350	S.BEAD	MMZ1608Y 102BT
EP8	6910012350	S.BEAD	MMZ1608Y 102BT
EP9	6910012350	S.BEAD	MMZ1608Y 102BT
EP10	6910012350	S.BEAD	MMZ1608Y 102BT
EP11	6910012350	S.BEAD	MMZ1608Y 102BT
EP120	6910012350	S.BEAD	MMZ1608Y 102BT
EP150	6910012350	S.BEAD	MMZ1608Y 102BT
EP180	6910012350	S.BEAD	MMZ1608Y 102BT
EP214	6910012350	S.BEAD	MMZ1608Y 102BT
EP216	6910012350	S.BEAD	MMZ1608Y 102BT
EP217	6910012350	S.BEAD	MMZ1608Y 102BT

S.=Surface mount

[RF UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
EP242	6910012350	S.BEAD	MMZ1608Y 102BT
EP261	6910000630	BEAD	FSOH070RN
EP301	6910012350	S.BEAD	MMZ1608Y 102BT
EP302	6910012350	S.BEAD	MMZ1608Y 102BT
EP303	6910012350	S.BEAD	MMZ1608Y 102BT
EP304	6910012350	S.BEAD	MMZ1608Y 102BT
EP305	6910012350	S.BEAD	MMZ1608Y 102BT
EP306	6910012350	S.BEAD	MMZ1608Y 102BT
EP358	6910012350	S.BEAD	MMZ1608Y 102BT
EP401	6910012350	S.BEAD	MMZ1608Y 102BT
EP402	6910012350	S.BEAD	MMZ1608Y 102BT
EP501	6910012350	S.BEAD	MMZ1608Y 102BT
EP502	6910012350	S.BEAD	MMZ1608Y 102BT
EP503	6910012350	S.BEAD	MMZ1608Y 102BT
EP504	6910012350	S.BEAD	MMZ1608Y 102BT
EP510	6910012350	S.BEAD	MMZ1608Y 102BT
EP548	6910012350	S.BEAD	MMZ1608Y 102BT
EP549	6910012350	S.BEAD	MMZ1608Y 102BT
EP1010	6910012350	S.BEAD	MMZ1608Y 102BT
EP1031	6910012350	S.BEAD	MMZ1608Y 102BT
EP1081	6910012350	S.BEAD	MMZ1608Y 102BT
EP1082	6910012350	S.BEAD	MMZ1608Y 102BT
EP1201	6910012350	S.BEAD	MMZ1608Y 102BT
EP1221	6910012350	S.BEAD	MMZ1608Y 102BT
EP1241	6910012350	S.BEAD	MMZ1608Y 102BT
EP1242	6910012350	S.BEAD	MMZ1608Y 102BT
EP1261	6910012350	S.BEAD	MMZ1608Y 102BT
EP1401	6910012350	S.BEAD	MMZ1608Y 102BT
EP1501	6910012350	S.BEAD	MMZ1608Y 102BT
EP1502	6910012350	S.BEAD	MMZ1608Y 102BT

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
IC200	1110003870	S.IC	NJM2058M-T1
IC280	1130005640	S.IC	TC4W53F (TE12L)
IC281	1130003610	S.IC	TC4SU69F (TE85R)
IC282	1130003610	S.IC	TC4SU69F (TE85R)
IC300	1110003870	S.IC	NJM2058M-T1
IC360	1110000960	S.IC	NJM4558M-T1
IC400	1110004840	S.IC	NJM1496V-TE1
IC502	1110004310	S.IC	M62352GP 75EC
IC1001	1110002700	S.IC	NJM2904M-T1
IC1040	1130005640	S.IC	TC4W53F (TE12L)
IC1060	1110000960	S.IC	NJM4558M-T1
IC1080	1110003300	S.IC	M5282FP 70CD
IC1120	1110005060	S.IC	µPC4574G2-E1
IC1160	1130005640	S.IC	TC4W53F (TE12L)
IC1180	1110003300	S.IC	M5282FP 70CD
IC1220	1130005640	S.IC	TC4W53F (TE12L)
IC1240	1110003090	IC	LA4425A
IC1280	1110000960	S.IC	NJM4558M-T1
IC1300	1110003870	S.IC	NJM2058M-T1
IC1310	1130008230	S.IC	BU4053BCFV-E2
IC1400	1110003300	S.IC	M5282FP 70CD
IC1401	1110003870	S.IC	NJM2058M-T1
IC1460	1110005420	S.IC	BA15532F-E2
IC1500	1140010430	S.IC	HD6432357A26F (SX-2494A)
IC1560	1130009110	S.IC	S-80942ANMP-DD6-T2
IC1580	1140009240	S.IC	HN58X24128FPI
IC1900	1130008230	S.IC	BU4053BCFV-E2
IC1940	1130005720	S.IC	TC7W04F (TE12L)
IC2040	1130003830	S.IC	TC7S04F (TE85R)
Q200	1560000560	S.FET	2SK882-GR (TE85L)
Q201	1560000560	S.FET	2SK882-GR (TE85L)
Q202	1560000560	S.FET	2SK882-GR (TE85L)
Q203	1530002060	S.TRANSISTOR	2SC4081 T107 R
Q204	1530002060	S.TRANSISTOR	2SC4081 T107 R
Q205	1510000510	S.TRANSISTOR	2SA1576A T106R
Q206	1530002060	S.TRANSISTOR	2SC4081 T107 R
Q207	1590002530	S.TRANSISTOR	UN911H (TX)
Q208	1590001960	S.TRANSISTOR	XP4311 (TX)
Q250	1580000620	S.FET	3SK131-T2 MAS
Q300	1590000680	S.TRANSISTOR	DTC114EUA T106
Q301	1590000680	S.TRANSISTOR	DTC114EUA T106

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
Q302	1590000680	S.TRANSISTOR	DTC114EUA T106
Q303	1510000510	S.TRANSISTOR	2SA1576A T106R
Q304	1590000680	S.TRANSISTOR	DTC114EUA T106
Q305	1590002150	S.TRANSISTOR	DTC144TE TL
Q306	1590000680	S.TRANSISTOR	DTC114EUA T106
Q307	1510000510	S.TRANSISTOR	2SA1576A T106R
Q308	1510000510	S.TRANSISTOR	2SA1576A T106R
Q309	1590002150	S.TRANSISTOR	DTC144TE TL
Q330	1560000560	S.FET	2SK882-GR (TE85L)
Q381	1590001960	S.TRANSISTOR	XP4311 (TX)
Q450	1530002060	S.TRANSISTOR	2SC4081 T107 R
Q451	1530002060	S.TRANSISTOR	2SC4081 T107 R
Q452	1540000440	S.TRANSISTOR	2SD1619-T-TD
Q453	1540000440	S.TRANSISTOR	2SD1619-T-TD
Q511	1530002060	S.TRANSISTOR	2SC4081 T107 R
Q700	1530002060	S.TRANSISTOR	2SC4081 T107 R
Q720	1590000680	S.TRANSISTOR	DTC114EUA T106
Q721	1530002060	S.TRANSISTOR	2SC4081 T107 R
Q722	1530002060	S.TRANSISTOR	2SC4081 T107 R
Q740	1590000680	S.TRANSISTOR	DTC114EUA T106
Q780	1530002060	S.TRANSISTOR	2SC4081 T107 R
Q783	1590001870	S.TRANSISTOR	DTA114EE TL
Q784	1590000680	S.TRANSISTOR	DTC114EUA T106
Q785	1540000440	S.TRANSISTOR	2SD1619-T-TD
Q786	1540000440	S.TRANSISTOR	2SD1619-T-TD
Q787	1590000680	S.TRANSISTOR	DTC114EUA T106
Q788	1590000680	S.TRANSISTOR	DTC114EUA T106
Q801	1520000650	S.TRANSISTOR	2SB1201-S-TL
Q802	1530002690	S.TRANSISTOR	2SC4116-GR (TE85R)
Q810	1530002060	S.TRANSISTOR	2SC4081 T107 R
Q1140	1560000840	S.FET	2SK1829 (TE85R)
Q1260	1540000470	S.TRANSISTOR	2SD1801S-TL
Q1261	1590000680	S.TRANSISTOR	DTC114EUA T106
Q1860	1590000680	S.TRANSISTOR	DTC114EUA T106
Q1880	1590000680	S.TRANSISTOR	DTC114EUA T106
Q1940	1510000510	S.TRANSISTOR	2SA1576A T106R
Q1941	1530002060	S.TRANSISTOR	2SC4081 T107 R
D200	1790001210	S.DIODE	1SS375-TL
D202	1790001250	S.DIODE	MA2S111-(TX)
D250	1790001620	S.DIODE	1SV308 (TPL3)
D251	1790001620	S.DIODE	1SV308 (TPL3)
D252	1790001620	S.DIODE	1SV308 (TPL3)
D253	1790001620	S.DIODE	1SV308 (TPL3)
D303	1790001610	S.DIODE	1SS385 (TE85L)
D305	1790001250	S.DIODE	MA2S111-(TX)
D310	1790001140	S.ZENER	MA8039-L (TX)
D311	1790001140	S.ZENER	MA8039-L (TX)
D312	1750000520	S.DIODE	DAN222TL
D360	1790001610	S.DIODE	1SS385 (TE85L)
D361	1790001240	S.DIODE	MA2S728-(TX)
D362	1790001250	S.DIODE	MA2S111-(TX)
D363	1790001250	S.DIODE	MA2S111-(TX)
D364	1790001240	S.DIODE	MA2S728-(TX)
D380	1790000620	S.DIODE	MA77 (TX)
D381	1790000620	S.DIODE	MA77 (TX)
D382	1790000620	S.DIODE	MA77 (TX)
D383	1790000620	S.DIODE	MA77 (TX)
D450	1750000370	S.DIODE	DA221 TL
D451	1750000370	S.DIODE	DA221 TL
D500	1710000160	DIODE	1SS133
D550	1750000520	S.DIODE	DAN222TL
D551	1750000520	S.DIODE	DAN222TL
D552	1790001250	S.DIODE	MA2S111-(TX)
D553	1790001250	S.DIODE	MA2S111-(TX)
D700	1790001250	S.DIODE	MA2S111-(TX)
D720	1750000520	S.DIODE	DAN222TL
D721	1750000520	S.DIODE	DAN222TL
D722	1790001250	S.DIODE	MA2S111-(TX)
D723	1790001250	S.DIODE	MA2S111-(TX)
D740	1750000520	S.DIODE	DAN222TL
D781	1790001250	S.DIODE	MA2S111-(TX)
D782	1790001250	S.DIODE	MA2S111-(TX)
D783	1790001250	S.DIODE	MA2S111-(TX)
D784	1750000520	S.DIODE	DAN222TL
D801	1790001170	S.ZENER	MA8068-M (TX)
D810	1790001250	S.DIODE	MA2S111-(TX)
D1300	1790001610	S.DIODE	1SS385 (TE85L)
D1822	1790001250	S.DIODE	MA2S111-(TX) [EUR], [FRA], [ITA], [ESP]
D1824	1790001250	S.DIODE	MA2S111-(TX) [USA] only

S.=Surface mount

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
D1840	1750000370	S.DIODE	DA221 TL
D1841	1750000370	S.DIODE	DA221 TL
D1880	1750000370	S.DIODE	DA221 TL
D1881	1750000370	S.DIODE	DA221 TL
D1900	1790001670	S.DIODE	RB706F-40T106
D1901	1790001670	S.DIODE	RB706F-40T106
D1940	1790001250	S.DIODE	MA2S111-(TX)
D2000	1790001610	S.DIODE	1SS385 (TE85L)
FI271	2020001740	CERAMIC	CFWM455D
FI272	2020001740	CERAMIC	CFWM455D
FI381	2020001740	CERAMIC	CFWM455D
X1500	6050009520	S.XTAL	CR-520 (19.6608 MHz+)
L120	2040000490	COIL	EXC-ELDR25C
L121	2040000490	COIL	EXC-ELDR25C
L122	6200001830	S.COIL	NL 322522T-100J
L123	6200001830	S.COIL	NL 322522T-100J
L124	6200001830	S.COIL	NL 322522T-100J
L125	6200001830	S.COIL	NL 322522T-100J
L126	6200001830	S.COIL	NL 322522T-100J
L127	6200003950	S.COIL	HF50ACC 322513-T
L128	6200003950	S.COIL	HF50ACC 322513-T
L129	6200003950	S.COIL	HF50ACC 322513-T
L130	6200003950	S.COIL	HF50ACC 322513-T
L140	6200003950	S.COIL	HF50ACC 322513-T
L141	6200003950	S.COIL	HF50ACC 322513-T
L142	6200003950	S.COIL	HF50ACC 322513-T
L143	6200003950	S.COIL	HF50ACC 322513-T
L144	6200001830	S.COIL	NL 322522T-100J
L145	6200001830	S.COIL	NL 322522T-100J
L181	6200009690	S.COIL	LQH 4C 101K04
L200	6180001000	COIL	LAL 04NA 102K
L201	6150002291	COIL	LS-450
L202	6150002291	COIL	LS-450
L203	6150002291	COIL	LS-450
L250	6200005490	S.COIL	NL 322522T-331J
L251	6150004080	COIL	LS-468 (C-13958)
L252	6150004080	COIL	LS-468 (C-13958)
L253	6150004080	COIL	LS-468 (C-13958)
L254	6150004080	COIL	LS-468 (C-13958)
L280	6200003260	S.COIL	NL 322522T-101J
L281	6200003260	S.COIL	NL 322522T-101J
L330	6150004090	COIL	LS-469 (C-13969)
L400	6200003260	S.COIL	NL 322522T-101J
L402	6200003260	S.COIL	NL 322522T-101J
L700	6200003260	S.COIL	NL 322522T-101J
L701	6200003260	S.COIL	NL 322522T-101J
L702	6200003260	S.COIL	NL 322522T-101J
L703	6200003590	S.COIL	EXCCL3225U1
L704	6200003260	S.COIL	NL 322522T-101J
L740	6200003950	S.COIL	HF50ACC 322513-T
L741	6200003950	S.COIL	HF50ACC 322513-T
L742	6200003950	S.COIL	HF50ACC 322513-T
L760	6200003240	S.COIL	NL 322522T-221J
L761	6200003240	S.COIL	NL 322522T-221J
L762	6200008820	S.COIL	HF70ACC 635050-T
L763	6200008820	S.COIL	HF70ACC 635050-T
L780	6200003950	S.COIL	HF50ACC 322513-T
L781	6200003260	S.COIL	NL 322522T-101J
L782	6200003950	S.COIL	HF50ACC 322513-T
L783	6200003260	S.COIL	NL 322522T-101J
L784	6200003260	S.COIL	NL 322522T-101J
L785	6200003950	S.COIL	HF50ACC 322513-T
L786	6200003260	S.COIL	NL 322522T-101J
L787	6200003260	S.COIL	NL 322522T-101J
L788	6200003260	S.COIL	NL 322522T-101J
L789	6200003950	S.COIL	HF50ACC 322513-T
L790	6200003950	S.COIL	HF50ACC 322513-T
L791	6200003950	S.COIL	HF50ACC 322513-T
L792	6200003950	S.COIL	HF50ACC 322513-T
L793	6200003950	S.COIL	HF50ACC 322513-T
L794	6200003950	S.COIL	HF50ACC 322513-T
L795	6200003950	S.COIL	HF50ACC 322513-T
L796	6200003950	S.COIL	HF50ACC 322513-T
L1401	6200001830	S.COIL	NL 322522T-100J
L1880	6200001830	S.COIL	NL 322522T-100J
L1881	6200001830	S.COIL	NL 322522T-100J

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
L2020	6200001720	S.COIL	NL 322522T-1R0J
L2060	6200001830	S.COIL	NL 322522T-100J
L2061	6200001720	S.COIL	NL 322522T-1R0J
R100	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R101	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R102	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R103	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R104	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R105	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R120	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R121	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R122	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R123	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R124	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R140	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R141	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R142	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R143	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R160	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R180	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R181	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R182	7030003360	S.RESISTOR	ERJ3GEYJ 221 V (220 Ω)
R183	7030003360	S.RESISTOR	ERJ3GEYJ 221 V (220 Ω)
R184	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R200	7310002760	S.TRIMMER	RV-152 (RH03A3AJ4X0HA) 223
R202	7030003400	S.RESISTOR	ERJ3GEYJ 471 V (470 Ω)
R203	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R204	7030003600	S.RESISTOR	ERJ3GEYJ 223 V (22 kΩ)
R205	7030003400	S.RESISTOR	ERJ3GEYJ 471 V (470 Ω)
R206	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R207	7030003600	S.RESISTOR	ERJ3GEYJ 223 V (22 kΩ)
R208	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R209	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R210	7030003600	S.RESISTOR	ERJ3GEYJ 223 V (22 kΩ)
R211	7030003600	S.RESISTOR	ERJ3GEYJ 223 V (22 kΩ)
R212	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R213	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R215	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R216	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R217	7030003840	S.RESISTOR	ERJ3GEYJ 225 V (2.2 MΩ)
R218	7030003380	S.RESISTOR	ERJ3GEYJ 331 V (330 Ω)
R219	7030003540	S.RESISTOR	ERJ3GEYJ 682 V (6.8 kΩ)
R220	7030003540	S.RESISTOR	ERJ3GEYJ 682 V (6.8 kΩ)
R221	7030003280	S.RESISTOR	ERJ3GEYJ 470 V (47 Ω)
R222	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R223	7030003600	S.RESISTOR	ERJ3GEYJ 223 V (22 kΩ)
R250	7030000340	S.RESISTOR	MCR10EZHJ 470 Ω (471)
R251	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R252	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R253	7030000310	S.RESISTOR	MCR10EZHJ 270 Ω (271)
R254	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R255	7030003400	S.RESISTOR	ERJ3GEYJ 471 V (470 Ω)
R256	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R257	7030003460	S.RESISTOR	ERJ3GEYJ 152 V (1.5 kΩ)
R258	7030003280	S.RESISTOR	ERJ3GEYJ 470 V (47 Ω)
R259	7030003300	S.RESISTOR	ERJ3GEYJ 680 V (68 Ω)
R260	7030003460	S.RESISTOR	ERJ3GEYJ 152 V (1.5 kΩ)
R261	7030003200	S.RESISTOR	ERJ3GEYJ 100 V (10 Ω)
R263	7030003460	S.RESISTOR	ERJ3GEYJ 152 V (1.5 kΩ)
R264	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R280	7030003460	S.RESISTOR	ERJ3GEYJ 152 V (1.5 kΩ)
R281	7030003800	S.RESISTOR	ERJ3GEYJ 105 V (1 MΩ)
R282	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R300	7030009920	S.RESISTOR	ERJ3GEYJ 335 V (3.3 MΩ)
R301	7030003840	S.RESISTOR	ERJ3GEYJ 225 V (2.2 MΩ)
R302	7030009930	S.RESISTOR	ERJ3GEYJ 825 V (8.2 MΩ)
R306	7310002800	S.TRIMMER	RV-156 (RH03A3AJ5) 224
R307	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R308	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R310	7030003600	S.RESISTOR	ERJ3GEYJ 223 V (22 kΩ)
R311	7310002800	S.TRIMMER	RV-156 (RH03A3AJ5) 224
R313	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R314	7030003720	S.RESISTOR	ERJ3GEYJ 224 V (220 kΩ)
R316	7030003820	S.RESISTOR	ERJ3GEYJ 155 V (1.5 MΩ)
R317	7310002800	S.TRIMMER	RV-156 (RH03A3AJ5) 224
R318	7030003380	S.RESISTOR	ERJ3GEYJ 331 V (330 Ω)
R319	7030003600	S.RESISTOR	ERJ3GEYJ 223 V (22 kΩ)
R320	7310002800	S.TRIMMER	RV-156 (RH03A3AJ5) 224
R321	7030003760	S.RESISTOR	ERJ3GEYJ 474 V (470 kΩ)
R322	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)

S.=Surface mount

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
R323	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R324	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R326	7030009720	S.RESISTOR	ERJ12YJ102U (1 kΩ)
R327	7030003600	S.RESISTOR	ERJ3GEYJ 223 V (22 kΩ)
R328	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R330	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R331	7310002740	S.TRIMMER	RV-150 (RH03A3A14X0FC) 103
R332	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R333	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R334	7030003600	S.RESISTOR	ERJ3GEYJ 223 V (22 kΩ)
R335	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R336	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R337	7510000751	S.THERMISTOR	NTCCM2012 3NH 103KC-T
R360	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R361	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R363	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R364	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R365	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R366	7030003360	S.RESISTOR	ERJ3GEYJ 221 V (220 Ω)
R367	7030003360	S.RESISTOR	ERJ3GEYJ 221 V (220 Ω)
R368	7030003620	S.RESISTOR	ERJ3GEYJ 333 V (33 kΩ)
R369	7030003620	S.RESISTOR	ERJ3GEYJ 333 V (33 kΩ)
R370	7030003740	S.RESISTOR	ERJ3GEYJ 334 V (330 kΩ)
R380	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R381	7030003510	S.RESISTOR	ERJ3GEYJ 392 V (3.9 kΩ)
R382	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R383	7030003360	S.RESISTOR	ERJ3GEYJ 221 V (220 Ω)
R384	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R385	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R386	7030003480	S.RESISTOR	ERJ3GEYJ 222 V (2.2 kΩ)
R387	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R388	7030003360	S.RESISTOR	ERJ3GEYJ 221 V (220 Ω)
R389	7030003510	S.RESISTOR	ERJ3GEYJ 392 V (3.9 kΩ)
R390	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R400	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R404	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R405	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R406	7030003530	S.RESISTOR	ERJ3GEYJ 562 V (5.6 kΩ)
R407	7030003360	S.RESISTOR	ERJ3GEYJ 221 V (220 Ω)
R408	7030003500	S.RESISTOR	ERJ3GEYJ 332 V (3.3 kΩ)
R409	7030003510	S.RESISTOR	ERJ3GEYJ 392 V (3.9 kΩ)
R410	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R411	7030003420	S.RESISTOR	ERJ3GEYJ 681 V (680 Ω)
R412	7030003500	S.RESISTOR	ERJ3GEYJ 332 V (3.3 kΩ)
R413	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R414	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R415	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R450	7030006210	S.RESISTOR	ERJ12YJ4R7U (4.7 Ω)
R451	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R452	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R453	7030006210	S.RESISTOR	ERJ12YJ4R7U (4.7 Ω)
R454	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R455	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R500	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R501	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R502	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R503	7030003400	S.RESISTOR	ERJ3GEYJ 471 V (470 Ω)
R504	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R505	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R506	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R507	7030009891	S.RESIST0R	ERA3YED 151V
R508	7030009851	S.RESISTOR	ERA3YED 271V
R511	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R512	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R521	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R522	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R523	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R524	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R525	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R526	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R527	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R528	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R550	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R551	7030003660	S.RESISTOR	ERJ3GEYJ 683 V (68 kΩ)
R552	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R553	7030003620	S.RESISTOR	ERJ3GEYJ 333 V (33 kΩ)
R554	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R555	7310002740	S.TRIMMER	RV-150 (RH03A3A14X0FC) 103
R556	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R557	7030003500	S.RESISTOR	ERJ3GEYJ 332 V (3.3 kΩ)
R558	7030003620	S.RESISTOR	ERJ3GEYJ 333 V (33 kΩ)
R559	7030003840	S.RESISTOR	ERJ3GEYJ 225 V (2.2 MΩ)

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
R560	7030003800	S.RESISTOR	ERJ3GEYJ 105 V (1 MΩ)
R561	7510000771	S.THERMISTOR	NTCCM2012 3SH 223KC-T
R562	7510000771	S.THERMISTOR	NTCCM2012 3SH 223KC-T
R700	7030003580	S.RESISTOR	ERJ3GEYJ 153 V (15 kΩ)
R701	7030003620	S.RESISTOR	ERJ3GEYJ 333 V (33 kΩ)
R702	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R703	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R720	7030003620	S.RESISTOR	ERJ3GEYJ 333 V (33 kΩ)
R721	7030003580	S.RESISTOR	ERJ3GEYJ 153 V (15 kΩ)
R722	7030003620	S.RESISTOR	ERJ3GEYJ 333 V (33 kΩ)
R723	7030003580	S.RESISTOR	ERJ3GEYJ 153 V (15 kΩ)
R724	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R725	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R726	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R727	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R740	7030003200	S.RESISTOR	ERJ3GEYJ 100 V (10 Ω)
R780	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R781	7030003620	S.RESISTOR	ERJ3GEYJ 333 V (33 kΩ)
R782	7030003580	S.RESISTOR	ERJ3GEYJ 153 V (15 kΩ)
R783	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R785	7030003420	S.RESISTOR	ERJ3GEYJ 681 V (680 Ω)
R786	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R787	7030003480	S.RESISTOR	ERJ3GEYJ 222 V (2.2 kΩ)
R788	7030003480	S.RESISTOR	ERJ3GEYJ 222 V (2.2 kΩ)
R789	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R790	7030003200	S.RESISTOR	ERJ3GEYJ 100 V (10 Ω)
R791	7030003420	S.RESISTOR	ERJ3GEYJ 681 V (680 Ω)
R792	7030003420	S.RESISTOR	ERJ3GEYJ 681 V (680 Ω)
R793	7030003420	S.RESISTOR	ERJ3GEYJ 681 V (680 Ω)
R794	7030003420	S.RESISTOR	ERJ3GEYJ 681 V (680 Ω)
R795	7030003420	S.RESISTOR	ERJ3GEYJ 681 V (680 Ω)
R796	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R797	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R801	7030007190	S.RESISTOR	ERJ12YJ220U (22 Ω)
R802	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R803	7030003400	S.RESISTOR	ERJ3GEYJ 471 V (470 Ω)
R804	7030007190	S.RESISTOR	ERJ12YJ220U (22 Ω)
R814	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R811	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R812	7030003620	S.RESISTOR	ERJ3GEYJ 333 V (33 kΩ)
R813	7030003580	S.RESISTOR	ERJ3GEYJ 153 V (15 kΩ)
R1000	7030003780	S.RESISTOR	ERJ3GEYJ 684 V (680 kΩ)
R1001	7030003780	S.RESISTOR	ERJ3GEYJ 684 V (680 kΩ)
R1002	7030003670	S.RESISTOR	ERJ3GEYJ 823 V (82 kΩ)
R1003	7030003670	S.RESISTOR	ERJ3GEYJ 823 V (82 kΩ)
R1004	7030003670	S.RESISTOR	ERJ3GEYJ 823 V (82 kΩ)
R1005	7030003690	S.RESISTOR	ERJ3GEYJ 124 V (120 kΩ)
R1006	7030003670	S.RESISTOR	ERJ3GEYJ 823 V (82 kΩ)
R1007	7030003760	S.RESISTOR	ERJ3GEYJ 474 V (470 kΩ)
R1008	7030003840	S.RESISTOR	ERJ3GEYJ 225 V (2.2 MΩ)
R1009	7030003800	S.RESISTOR	ERJ3GEYJ 105 V (1 MΩ)
R1013	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R1020	7030003500	S.RESISTOR	ERJ3GEYJ 332 V (3.3 kΩ)
R1021	7030003600	S.RESISTOR	ERJ3GEYJ 223 V (22 kΩ)
R1022	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1023	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1040	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1061	7030003760	S.RESISTOR	ERJ3GEYJ 474 V (470 kΩ)
R1062	7030003650	S.RESISTOR	ERJ3GEYJ 563 V (56 kΩ)
R1063	7030003780	S.RESISTOR	ERJ3GEYJ 684 V (680 kΩ)
R1064	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R1065	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R1080	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1081	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1082	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1083	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1084	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1085	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R1086	7030003610	S.RESISTOR	ERJ3GEYJ 273 V (27 kΩ)
R1087	7030003550	S.RESISTOR	ERJ3GEYJ 822 V (8.2 kΩ)
R1088	7030003480	S.RESISTOR	ERJ3GEYJ 222 V (2.2 kΩ)
R1100	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R1101	7030003550	S.RESISTOR	ERJ3GEYJ 822 V (8.2 kΩ)
R1102	7030003610	S.RESISTOR	ERJ3GEYJ 273 V (27 kΩ)
R1103	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1104	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1105	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1106	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1107	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1108	7030003720	S.RESISTOR	ERJ3GEYJ 224 V (220 kΩ)
R1109	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R1110	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)

S.=Surface mount

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
R1126	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1140	7030003480	S.RESISTOR	ERJ3GEYJ 222 V (2.2 kΩ)
R1141	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R1160	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R1161	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R1162	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1180	7030003580	S.RESISTOR	ERJ3GEYJ 153 V (15 kΩ)
R1181	7030003480	S.RESISTOR	ERJ3GEYJ 222 V (2.2 kΩ)
R1182	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1183	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1184	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1185	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1186	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R1187	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R1188	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1189	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R1190	7030003730	S.RESISTOR	ERJ3GEYJ 274 V (270 kΩ)
R1191	7030003670	S.RESISTOR	ERJ3GEYJ 823 V (82 kΩ)
R1192	7030003600	S.RESISTOR	ERJ3GEYJ 223 V (22 kΩ)
R1193	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1220	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1221	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R1222	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R1240	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R1241	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1242	7030003400	S.RESISTOR	ERJ3GEYJ 471 V (470 Ω)
R1260	7030003280	S.RESISTOR	ERJ3GEYJ 470 V (47 Ω)
R1280	7030003510	S.RESISTOR	ERJ3GEYJ 392 V (3.9 kΩ)
R1281	7030003540	S.RESISTOR	ERJ3GEYJ 682 V (6.8 kΩ)
R1282	7030003720	S.RESISTOR	ERJ3GEYJ 224 V (220 kΩ)
R1283	7030003700	S.RESISTOR	ERJ3GEYJ 154 V (150 kΩ)
R1284	7030003720	S.RESISTOR	ERJ3GEYJ 224 V (220 kΩ)
R1285	7030003530	S.RESISTOR	ERJ3GEYJ 562 V (5.6 kΩ)
R1286	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1287	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R1288	7030003600	S.RESISTOR	ERJ3GEYJ 223 V (22 kΩ)
R1289	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1300	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R1301	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R1302	7030003580	S.RESISTOR	ERJ3GEYJ 153 V (15 kΩ)
R1303	7030003590	S.RESISTOR	ERJ3GEYJ 183 V (18 kΩ)
R1304	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1305	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1306	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1307	7030003780	S.RESISTOR	ERJ3GEYJ 684 V (680 kΩ)
R1308	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1309	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1310	7030003700	S.RESISTOR	ERJ3GEYJ 154 V (150 kΩ)
R1311	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1312	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1313	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1314	7030003720	S.RESISTOR	ERJ3GEYJ 224 V (220 kΩ)
R1315	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R1400	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R1401	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1402	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1403	7030003200	S.RESISTOR	ERJ3GEYJ 100 V (10 Ω)
R1404	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1406	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1407	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R1408	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R1409	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R1410	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R1411	7030003720	S.RESISTOR	ERJ3GEYJ 224 V (220 kΩ)
R1412	7030003540	S.RESISTOR	ERJ3GEYJ 682 V (6.8 kΩ)
R1413	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1414	7030003600	S.RESISTOR	ERJ3GEYJ 223 V (22 kΩ)
R1415	7030003600	S.RESISTOR	ERJ3GEYJ 223 V (22 kΩ)
R1416	7030003600	S.RESISTOR	ERJ3GEYJ 223 V (22 kΩ)
R1417	7030003600	S.RESISTOR	ERJ3GEYJ 223 V (22 kΩ)
R1418	7030003600	S.RESISTOR	ERJ3GEYJ 223 V (22 kΩ)
R1419	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R1420	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R1423	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R1424	7030003420	S.RESISTOR	ERJ3GEYJ 681 V (680 Ω)
R1425	7030003360	S.RESISTOR	ERJ3GEYJ 221 V (220 Ω)
R1460	7030003200	S.RESISTOR	ERJ3GEYJ 100 V (10 Ω)
R1461	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1462	7030006461	S.RESISTOR	ERA3YED 152V
R1463	7030003200	S.RESISTOR	ERJ3GEYJ 100 V (10 Ω)
R1464	7030006461	S.RESISTOR	ERA3YED 152V
R1465	7030006461	S.RESISTOR	ERA3YED 152V

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
R1466	7510001110	S.THERMISTOR	NTCCM1608 4BH 153KC
R1467	7030008061	S.RESISTOR	ERA3YED 222V
R1468	7030008061	S.RESISTOR	ERA3YED 222V
R1469	7310002690	S.TRIMMER	RV-145 (RH03A3A13X0CA) 102
R1470	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1480	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R1481	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R1500	7030003360	S.RESISTOR	ERJ3GEYJ 221 V (220 Ω)
R1501	7030003360	S.RESISTOR	ERJ3GEYJ 221 V (220 Ω)
R1502	7030003360	S.RESISTOR	ERJ3GEYJ 221 V (220 Ω)
R1503	7030003360	S.RESISTOR	ERJ3GEYJ 221 V (220 Ω)
R1504	7030003360	S.RESISTOR	ERJ3GEYJ 221 V (220 Ω)
R1505	7030003360	S.RESISTOR	ERJ3GEYJ 221 V (220 Ω)
R1506	7030003360	S.RESISTOR	ERJ3GEYJ 221 V (220 Ω)
R1507	7030003360	S.RESISTOR	ERJ3GEYJ 221 V (220 Ω)
R1508	7030003360	S.RESISTOR	ERJ3GEYJ 221 V (220 Ω)
R1509	7030003360	S.RESISTOR	ERJ3GEYJ 221 V (220 Ω)
R1510	7030003360	S.RESISTOR	ERJ3GEYJ 221 V (220 Ω)
R1511	7030003360	S.RESISTOR	ERJ3GEYJ 221 V (220 Ω)
R1512	7030003360	S.RESISTOR	ERJ3GEYJ 221 V (220 Ω)
R1560	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1561	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1562	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1580	7030003600	S.RESISTOR	ERJ3GEYJ 223 V (22 kΩ)
R1581	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R1620	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1621	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1622	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1623	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1700	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1701	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1702	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1703	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1720	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1721	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1740	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1741	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1742	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1743	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1760	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1780	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1800	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1801	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1802	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1803	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1804	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1820	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1821	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1822	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1823	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R1824	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1825	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1826	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1827	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1828	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1840	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1841	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R1842	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R1843	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1844	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1845	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1846	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1847	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1850	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1851	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1852	7030003600	S.RESISTOR	ERJ3GEYJ 223 V (22 kΩ)
R1853	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1860	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1861	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1862	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1863	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1864	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1880	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1881	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1882	7030003800	S.RESISTOR	ERJ3GEYJ 105 V (1 MΩ)
R1883	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1900	7030003600	S.RESISTOR	ERJ3GEYJ 223 V (22 kΩ)
R1901	7030003800	S.RESISTOR	ERJ3GEYJ 105 V (1 MΩ)
R1902	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1903	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1904	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1905	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)

S.=Surface mount

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
R1906	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1907	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1908	7030003600	S.RESISTOR	ERJ3GEYJ 223 V (22 kΩ)
R1909	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1910	7030003600	S.RESISTOR	ERJ3GEYJ 223 V (22 kΩ)
R1911	7030003600	S.RESISTOR	ERJ3GEYJ 223 V (22 kΩ)
R1912	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1913	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1920	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1921	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1922	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1923	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1924	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1925	7310002740	S.TRIMMER	RV-150 (RH03A3A14X0FC) 103
R1940	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1941	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R1942	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1943	7030003540	S.RESISTOR	ERJ3GEYJ 682 V (6.8 kΩ)
R1944	7030003580	S.RESISTOR	ERJ3GEYJ 153 V (15 kΩ)
R1945	7030003620	S.RESISTOR	ERJ3GEYJ 333 V (33 kΩ)
R1960	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1961	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1962	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1963	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1964	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1965	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1966	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1967	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1968	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1969	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1970	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1971	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1972	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1980	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1981	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1982	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1983	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1984	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R1985	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1986	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1987	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1988	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1989	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1990	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R1991	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R2000	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R2040	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R2041	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R2042	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
C100	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C101	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C102	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C103	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C104	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C105	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C106	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C107	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C108	4030007130	S.CERAMIC	C1608 CH 1H 101J-T-A
C109	4030007130	S.CERAMIC	C1608 CH 1H 101J-T-A
C110	4030007130	S.CERAMIC	C1608 CH 1H 101J-T-A
C111	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C120	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C122	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C123	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C124	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C125	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C126	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C129	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C131	4030007130	S.CERAMIC	C1608 CH 1H 101J-T-A
C132	4030007130	S.CERAMIC	C1608 CH 1H 101J-T-A
C133	4030007130	S.CERAMIC	C1608 CH 1H 101J-T-A
C134	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C136	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C135	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C140	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C141	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C142	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C143	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C144	4030007170	S.CERAMIC	C1608 CH 1H 221J-T-A
C145	4030007170	S.CERAMIC	C1608 CH 1H 221J-T-A

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
C146	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C147	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C148	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C149	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C160	4510004600	ELECTROLYTIC	16 MV 1000 HC
C161	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C162	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C163	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C164	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C180	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C183	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C184	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C185	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C188	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C189	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C190	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C191	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C192	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C193	4510006670	S.ELECTROLYTIC	ECEV1CA471P
C200	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C201	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C203	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C204	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C208	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C209	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C210	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C211	4030006870	S.CERAMIC	C1608 JB 1H 222K-T-A
C212	4030006850	S.CERAMIC	C1608 JB 1H 471K-T-A
C214	4510004640	S.ELECTROLYTIC	ECEV1CA470SP
C215	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C216	4510004640	S.ELECTROLYTIC	ECEV1CA470SP
C217	4030009000	S.CERAMIC	C2012 JB 1C 224K-T-A
C218	4510005000	ELECTROLYTIC	16 MV 220 HC
C250	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C251	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C253	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C255	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C256	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C257	4510006220	S.ELECTROLYTIC	ECEV1CA101UP
C259	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C260	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C261	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C263	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C264	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C265	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C280	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C281	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C282	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C283	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C284	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C285	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C286	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C300	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C301	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C302	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C304	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C305	4510005890	S.ELECTROLYTIC	ECEV1AAN100R
C307	4510004440	S.ELECTROLYTIC	ECEV1HA010SR
C330	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C331	4030012610	S.CERAMIC	C2012 JB 1C 474K-T-A
C332	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C333	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C334	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C360	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C361	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C362	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C363	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C364	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C380	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C381	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C382	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C383	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C400	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C401	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C402	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C403	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C404	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C405	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C406	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C407	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C408	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C409	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N

S.=Surface mount

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
C450	4030012610	S.CERAMIC	C2012 JB 1C 474K-T-A
C451	4030012610	S.CERAMIC	C2012 JB 1C 474K-T-A
C500	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C501	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C502	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C503	4030006900	S.CERAMIC	C1608 JB 1H 103K-T-A
C700	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C701	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C702	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C703	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C704	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C705	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C706	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C740	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C741	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C760	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C761	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C762	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C763	4030007130	S.CERAMIC	C1608 CH 1H 101J-T-A
C783	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C784	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C785	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C786	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C787	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C788	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C789	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C790	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C791	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C792	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C793	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C794	4030008770	S.CERAMIC	C1608 JB 1H 562K-T-A
C795	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C796	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C801	4510006220	S.ELECTROLYTIC	ECEV1CA101UP
C802	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C803	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C804	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C810	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1001	4030008910	S.CERAMIC	C1608 JB 1H 393K-T-A
C1002	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1003	4030009980	S.CERAMIC	C1608 JB 1H 152K-T-A
C1004	4510005890	S.ELECTROLYTIC	ECEV1AAN100R
C1005	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1006	4030007130	S.CERAMIC	C1608 CH 1H 101J-T-A
C1007	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1008	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1020	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1021	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C1040	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1041	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1060	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1061	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1062	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1063	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1064	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1065	4510005890	S.ELECTROLYTIC	ECEV1AAN100R
C1080	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1081	4030012610	S.CERAMIC	C2012 JB 1C 474K-T-A
C1082	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1083	4030006850	S.CERAMIC	C1608 JB 1H 471K-T-A
C1084	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1085	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1086	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1087	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1100	4030010020	S.CERAMIC	C1608 JB 1H 122K-T-A
C1102	4030009980	S.CERAMIC	C1608 JB 1H 152K-T-A
C1103	4030011330	S.CERAMIC	C1608 CH 1H 391J-T-A
C1104	4030008470	S.CERAMIC	C1608 JB 1H 272K-T-A
C1106	4030011280	S.CERAMIC	C1608 CH 1H 271J-T-A
C1107	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1108	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1109	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1110	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1140	4030012600	S.CERAMIC	C2012 JB 1A 105M-T-A
C1141	4030008920	S.CERAMIC	C1608 JB 1H 473K-T-A
C1160	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1161	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1180	4030012610	S.CERAMIC	C2012 JB 1C 474K-T-A
C1181	4030012610	S.CERAMIC	C2012 JB 1C 474K-T-A
C1182	4030012610	S.CERAMIC	C2012 JB 1C 474K-T-A
C1183	4030012610	S.CERAMIC	C2012 JB 1C 474K-T-A
C1184	4510005860	S.ELECTROLYTIC	ECEV1HA2R2SR

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
C1185	4030006870	S.CERAMIC	C1608 JB 1H 222K-T-A
C1186	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1187	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1188	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1189	4510004440	S.ELECTROLYTIC	ECEV1HA010SR
C1190	4510006670	S.ELECTROLYTIC	ECEV1CA471P
C1191	4510004440	S.ELECTROLYTIC	ECEV1HA010SR
C1192	4510004440	S.ELECTROLYTIC	ECEV1HA010SR
C1220	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1221	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1240	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1241	4030006870	S.CERAMIC	C1608 JB 1H 222K-T-A
C1242	4510006670	S.ELECTROLYTIC	ECEV1CA471P
C1243	4510006670	S.ELECTROLYTIC	ECEV1CA471P
C1244	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1245	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1260	4510006220	S.ELECTROLYTIC	ECEV1CA101UP
C1261	4510006670	S.ELECTROLYTIC	ECEV1CA471P
C1280	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1281	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1282	4030007130	S.CERAMIC	C1608 CH 1H 101J-T-A
C1283	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C1284	4030008900	S.CERAMIC	C1608 JB 1H 333K-T-A
C1285	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1286	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1300	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1301	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1302	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1303	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1304	4030012610	S.CERAMIC	C2012 JB 1C 474K-T-A
C1305	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1306	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1307	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1308	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1309	4030007170	S.CERAMIC	C1608 CH 1H 221J-T-A
C1310	4030007140	S.CERAMIC	C1608 CH 1H 121J-T-A
C1400	4510006850	S.ELECTROLYTIC	ECEV1CA4R7NR (16V 4.7)
C1401	4510005860	S.ELECTROLYTIC	ECEV1HA2R2SR
C1402	4030006850	S.CERAMIC	C1608 JB 1H 471K-T-A
C1403	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1404	4510005860	S.ELECTROLYTIC	ECEV1HA2R2SR
C1405	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1406	4510004440	S.ELECTROLYTIC	ECEV1HA010SR
C1407	4510005860	S.ELECTROLYTIC	ECEV1HA2R2SR
C1408	4510005860	S.ELECTROLYTIC	ECEV1HA2R2SR
C1409	4510005860	S.ELECTROLYTIC	ECEV1HA2R2SR
C1410	4030006870	S.CERAMIC	C1608 JB 1H 222K-T-A
C1411	4030011280	S.CERAMIC	C1608 CH 1H 271J-T-A
C1412	4030006850	S.CERAMIC	C1608 JB 1H 471K-T-A
C1413	4030008470	S.CERAMIC	C1608 JB 1H 272K-T-A
C1414	4030009580	S.CERAMIC	C1608 JB 1H 681K-T-A
C1415	4030007120	S.CERAMIC	C1608 CH 1H 820J-T-A
C1416	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1417	4030010020	S.CERAMIC	C1608 JB 1H 122K-T-A
C1418	4030010040	S.CERAMIC	C1608 JB 1H 561K-T-A
C1419	4030007010	S.CERAMIC	C1608 CH 1H 100D-T-A
C1420	4030012610	S.CERAMIC	C2012 JB 1C 474K-T-A
C1421	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1422	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1423	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1426	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1427	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1428	4510006220	S.ELECTROLYTIC	ECEV1CA101UP
C1429	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1460	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1461	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1462	4340000230	S.MYLAR	ECHU 1H 272JB5
C1463	4340000200	S.MYLAR	ECHU 1H 271JX5
C1464	4340000240	S.MYLAR	ECHU 1C 682JX5
C1465	4340000220	S.MYLAR	ECHU 1H 681JB5
C1466	4340000210	S.MYLAR	ECHU 1H 331JX5
C1467	4340000190	S.MYLAR	ECHU 1H 101JX5
C1468	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1469	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1470	4340000250	S.MYLAR	ECHU 1C 104JX5
C1480	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1481	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1500	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1501	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1502	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1503	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1504	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N

S.=Surface mount

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
C1505	4030006900	S.CERAMIC	C1608 JB 1H 103K-T-A
C1506	4030007020	S.CERAMIC	C1608 CH 1H 120J-T-A
C1507	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C1508	4030007020	S.CERAMIC	C1608 CH 1H 120J-T-A
C1509	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1510	4030006900	S.CERAMIC	C1608 JB 1H 103K-T-A
C1511	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1512	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1560	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1561	4030006900	S.CERAMIC	C1608 JB 1H 103K-T-A
C1580	4030006900	S.CERAMIC	C1608 JB 1H 103K-T-A
C1620	4030007130	S.CERAMIC	C1608 CH 1H 101J-T-A
C1621	4030007130	S.CERAMIC	C1608 CH 1H 101J-T-A
C1622	4030007130	S.CERAMIC	C1608 CH 1H 101J-T-A
C1623	4030007130	S.CERAMIC	C1608 CH 1H 101J-T-A
C1624	4030007130	S.CERAMIC	C1608 CH 1H 101J-T-A
C1700	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1701	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1720	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1760	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1780	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1800	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1801	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1802	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1803	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1804	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1820	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1821	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1822	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1823	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1824	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1825	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1826	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1827	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1840	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1841	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1842	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1844	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1845	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1846	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1860	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1861	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1862	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1880	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1881	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1900	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1901	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1902	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1904	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1906	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1907	4030008920	S.CERAMIC	C1608 JB 1H 473K-T-A
C1908	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C1920	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1921	4030006900	S.CERAMIC	C1608 JB 1H 103K-T-A
C1940	4030006900	S.CERAMIC	C1608 JB 1H 103K-T-A
C1980	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1981	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1982	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1983	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1984	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1985	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C1986	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C2000	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C2020	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C2021	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C2022	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C2040	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C2041	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
RL740	6330001320	RELAY	AHY103
RL781	6330000540	RELAY	OMR-109F
CP200	6910009670	S.CHECK P	HK3-S-T
CP300	6910009670	S.CHECK P	HK3-S-T
CP1460	6910009670	S.CHECK P	HK3-S-T
J100	6510022590	S.CONNECTOR	22FMN-BMTTR-A-TBT
J120	6510022600	S.CONNECTOR	30FMN-BMTTR-A-TBT
J140	6510022590	S.CONNECTOR	22FMN-BMTTR-A-TBT

[MAIN UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
J160	6510022590	S.CONNECTOR	22FMN-BMTTR-A-TBT
J180	6510022590	S.CONNECTOR	22FMN-BMTTR-A-TBT
J250	6510007020	CONNECTOR	TMP-J01X-V6
J400	6510018960	S.CONNECTOR	B2B-PH-SM3-TB
J700	6450001840	CONNECTOR	TCS7568-43-201
J740	6450000140	CONNECTOR	HSJ0807-01-010
J741	6510018960	S.CONNECTOR	B2B-PH-SM3-TB
J760	6450000140	CONNECTOR	HSJ0807-01-010
J761	6510018970	S.CONNECTOR	B4B-PH-SM3-TB
J780	6450000160	CONNECTOR	TCS4470-01-1111
J781	6450000170	CONNECTOR	TCS4480-01-1111
J782	6450001130	CONNECTOR	JPJ2042-01-110
J802	6510018960	S.CONNECTOR	B2B-PH-SM3-TB
J1000	6510021650	CONNECTOR	IMSA-9180B-30B
J1001	6510022810	CONNECTOR	IMSA-9180B-22B
J1920	6510019190	S.CONNECTOR	52365-0891
W120	7030003860	S.JUMPER	ERJ3GE JPW V
W180	7030003860	S.JUMPER	ERJ3GE JPW V
W200	7030003860	S.JUMPER	ERJ3GE JPW V
W270	7030003860	S.JUMPER	ERJ3GE JPW V
W300	7030003860	S.JUMPER	ERJ3GE JPW V
W304	7030003860	S.JUMPER	ERJ3GE JPW V
W331	7030003860	S.JUMPER	ERJ3GE JPW V
W361	7030003860	S.JUMPER	ERJ3GE JPW V
W362	7030003860	S.JUMPER	ERJ3GE JPW V
W380	7030003860	S.JUMPER	ERJ3GE JPW V
W400	7030003860	S.JUMPER	ERJ3GE JPW V
W740	7030003860	S.JUMPER	ERJ3GE JPW V
W760	7030003860	S.JUMPER	ERJ3GE JPW V
W1120	7030003860	S.JUMPER	ERJ3GE JPW V
W1220	7030003860	S.JUMPER	ERJ3GE JPW V
W1240	7030003860	S.JUMPER	ERJ3GE JPW V
W1401	7030003860	S.JUMPER	ERJ3GE JPW V
W1600	7030003860	S.JUMPER	ERJ3GE JPW V [EUR], [FRA], [ITA]
W1601	7030003860	S.JUMPER	ERJ3GE JPW V
W1602	7030003860	S.JUMPER	ERJ3GE JPW V
W1603	7030003860	S.JUMPER	ERJ3GE JPW V [USA], [ESP], [KOR]
W1604	7030003860	S.JUMPER	ERJ3GE JPW V
W1605	7030003860	S.JUMPER	ERJ3GE JPW V [USA], [EUR], [FRA]
W1606	7030003860	S.JUMPER	ERJ3GE JPW V [EUR], [FRA], [ITA], [KOR]
W1608	7030003860	S.JUMPER	ERJ3GE JPW V except [USA]
W1609	7030003860	S.JUMPER	ERJ3GE JPW V [EUR] only
W1610	7030003860	S.JUMPER	ERJ3GE JPW V except [FRA]
W1940	7030003860	S.JUMPER	ERJ3GE JPW V
W1941	7030003860	S.JUMPER	ERJ3GE JPW V
EP1	0910054535	PCB	B 5699E
EP2	0880000890	UNIT BOARD	EX-2432 #01 (DSP UNIT)
EP3	9030694001	TUBE	2.0 (d) L=20 mm
EP101	6910012350	S.BEAD	MMZ1608Y 102BT
EP102	6910012350	S.BEAD	MMZ1608Y 102BT
EP120	6910012350	S.BEAD	MMZ1608Y 102BT
EP760	6910012350	S.BEAD	MMZ1608Y 102BT
EP761	6910012350	S.BEAD	MMZ1608Y 102BT
EP780	6910012350	S.BEAD	MMZ1608Y 102BT
EP781	6910012350	S.BEAD	MMZ1608Y 102BT
EP782	6910012350	S.BEAD	MMZ1608Y 102BT
EP783	6910012350	S.BEAD	MMZ1608Y 102BT
EP784	6910012350	S.BEAD	MMZ1608Y 102BT
EP786	6910012350	S.BEAD	MMZ1608Y 102BT
EP788	6910012350	S.BEAD	MMZ1608Y 102BT
EP790	6910012350	S.BEAD	MMZ1608Y 102BT

S.=Surface mount

[PA UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
IC1	1180000420	S.IC	TA78L05F (TE12R)
IC2	1110002020	IC	TA7805S
IC3	1110002030	IC	TA7808S
IC501	1160000130	S.IC	TD62783AF (TP1)
IC502	1130007700	S.IC	BU4094BCF-T1
Q1	1560001020	S.FET	2SK2973 (MTS101P)
Q2	1530000790	TRANSISTOR	2SC1971
Q5	1530003740	TRANSISTOR	2SC5125
Q6	1530003740	TRANSISTOR	2SC5125
Q7	1540000500	TRANSISTOR	2SD1585K
Q9	1590001150	S.TRANSISTOR	UN9211 (TX)
Q14	1590000680	S.TRANSISTOR	DTC114EUA T106
Q15	1590000680	S.TRANSISTOR	DTC114EUA T106
Q16	1590001330	S.TRANSISTOR	DTA114EUA T106
Q201	1530000880	TRANSISTOR	2SC2694
Q202	1530000880	TRANSISTOR	2SC2694
Q203	1540000500	TRANSISTOR	2SD1585K
Q204	1590000680	S.TRANSISTOR	DTC114EUA T106
Q205	1590001330	S.TRANSISTOR	DTA114EUA T106
Q602	1590000680	S.TRANSISTOR	DTC114EUA T106
Q604	1590001330	S.TRANSISTOR	DTA114EUA T106
Q605	1590000680	S.TRANSISTOR	DTC114EUA T106
D4	1790000700	DIODE	DSA3A1
D5	1790000700	DIODE	DSA3A1
D7	1160000140	S.DIODE	DAP222 TL
D8	1790000700	DIODE	DSA3A1
D11	1160000140	S.DIODE	DAP222 TL
D101	1160000080	S.DIODE	DAP202K T146
D601	1160000140	S.DIODE	DAP222 TL
D602	1720000360	S.DIODE	HSU88TRF
D603	1720000360	S.DIODE	HSU88TRF
D605	1750000450	S.DIODE	1SV265-TL
D620	1790001140	S.ZENER	MA8039-L (TX)
L1	6140003070	COIL	LR-355
L2	6200003260	S.COIL	NL 322522T-101J
L6	2040000490	COIL	EXC-ELDR25C
L7	6140003680	COIL	LR-410 4KBL
L8	2040000490	COIL	EXC-ELDR25C
L10	6140003410	COIL	LR-383
L11	2040000490	COIL	EXC-ELDR25C
L12	2040000490	COIL	EXC-ELDR25C
L13	6140003670	COIL	LR-411
L14	2040000490	COIL	EXC-ELDR25C
L15	2040000490	COIL	EXC-ELDR25C
L16	2040000490	COIL	EXC-ELDR25C
L17	6140000610	COIL	LR-83
L18	6140003510	COIL	LR-393
L19	6140002030	COIL	LR-230 (SK-10M-15Y 120)
L20	6110001730	COIL	LA-262
L21	6200003260	S.COIL	NL 322522T-101J
L22	2040000490	COIL	EXC-ELDR25C
L23	2040000490	COIL	EXC-ELDR25C
L201	6170000070	COIL	LW-9
L202	6110001740	COIL	LA-263
L203	6110001740	COIL	LA-263
L204	6110001360	COIL	LA-179
L205	6170000340	COIL	LW-33
L206	6110002060	COIL	LA-300
L207	2040000490	COIL	EXC-ELDR25C
L208	6110001750	COIL	LA-264
L501	6140002570	COIL	LR-294 (T50-2)
L502	6140002580	COIL	LR-295 (T50-2)
L503	6140001800	COIL	LR-216 (T50-2)
L504	6140001780	COIL	LR-214 (T50-2)
L505	6140001800	COIL	LR-216 (T50-2)
L506	6140001800	COIL	LR-216 (T50-2)
L507	6140002560	COIL	LR-293 (T50-10)
L508	6140002560	COIL	LR-293 (T50-10)
L509	6110002920	COIL	LA-481
L510	6110003580	COIL	LA-551
L511	6140003460	COIL	LR-388
L512	6140003460	COIL	LR-388
L513	6200003260	S.COIL	NL 322522T-101J
L515	6200003260	S.COIL	NL 322522T-101J
L517	6200003260	S.COIL	NL 322522T-101J
L518	6200001830	S.COIL	NL 322522T-100J

[PA UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
L519	6200003260	S.COIL	NL 322522T-101J
L521	6200001830	S.COIL	NL 322522T-100J
L522	6200001830	S.COIL	NL 322522T-100J
L523	6200001830	S.COIL	NL 322522T-100J
L524	6200001830	S.COIL	NL 322522T-100J
L528	6140002560	COIL	LR-293 (T50-10)
L529	6110003570	COIL	LA-550
L530	6110003540	COIL	LA-548 (LA-215A)
L531	6110003550	COIL	LA-547 (LA-214A)
L532	6200001830	S.COIL	NL 322522T-100J
L533	6200001830	S.COIL	NL 322522T-100J
L534	6140003450	COIL	LR-387
L535	6110001780	COIL	LA-267
L601	6110001340	COIL	LA-177
L602	6110001340	COIL	LA-177
L603	6110001330	COIL	LA-176
L604	6200004740	S.COIL	NL 252018T-1R2J
L605	6200004740	S.COIL	NL 252018T-1R2J
R1	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R2	7030003360	S.RESISTOR	ERJ3GEYJ 221 V (220 Ω)
R3	7030006060	S.RESISTOR	ERJ12YJ100U (10 Ω)
R4	7030003400	S.RESISTOR	ERJ3GEYJ 471 V (470 Ω)
R5	7030003390	S.RESISTOR	ERJ3GEYJ 391 V (390 Ω)
R6	7030003360	S.RESISTOR	ERJ3GEYJ 221 V (220 Ω)
R7	7030006210	S.RESISTOR	ERJ12YJ4R7U (4.7 Ω)
R8	7030003380	S.RESISTOR	ERJ3GEYJ 331 V (330 Ω)
R9	7030003400	S.RESISTOR	ERJ3GEYJ 471 V (470 Ω)
R10	7030003480	S.RESISTOR	ERJ3GEYJ 222 V (2.2 kΩ)
R11	7310004740	TRIMMER	EVM-2AGA00 B52 (501)
R12	7030010410	S.RESISTOR	ERJ1TYJ 220U (22 Ω)
R16	7030000020	S.RESISTOR	MCR10EZHJ 1 Ω (010)
R17	7070000511	RESISTOR	ERG1SJ 180 (18 Ω)
R18	7310004710	TRIMMER	EVM-2AGA00 B23 (202)
R19	7030003400	S.RESISTOR	ERJ3GEYJ 471 V (470 Ω)
R20	7030010260	S.RESISTOR	ERJ1TYJ 3R3 U
R21	7030010260	S.RESISTOR	ERJ1TYJ 3R3 U
R23	7030010260	S.RESISTOR	ERJ1TYJ 3R3 U
R24	7030010260	S.RESISTOR	ERJ1TYJ 3R3 U
R26	7030006060	S.RESISTOR	ERJ12YJ100U (10 Ω)
R27	7030006060	S.RESISTOR	ERJ12YJ100U (10 Ω)
R28	7100000640	RESISTOR	5 SI 0.012 Ω (J)
R29	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R31	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R32	7030007630	S.RESISTOR	MCR100JZHJ 0.68 Ω (R68)
R33	7030007630	S.RESISTOR	MCR100JZHJ 0.68 Ω (R68)
R34	7030007630	S.RESISTOR	MCR100JZHJ 0.68 Ω (R68)
R35	7030007630	S.RESISTOR	MCR100JZHJ 0.68 Ω (R68)
R38	7070000251	RESISTOR	ERX2SJ 4R7 (4.7 Ω)
R41	7030010570	S.RESISTOR	RJ1TYJ 4R7U (4.7 Ω)
R42	7030010570	S.RESISTOR	RJ1TYJ 4R7U (4.7 Ω)
R44	7070000681	RESISTOR	ERX3SJ 3R9 (3.9 Ω)
R60	7030010520	S.RESISTOR	ERJ1TYJ 101U (100 Ω)
R61	7030003530	S.RESISTOR	ERJ3GEYJ 562 V (5.6 kΩ)
R62	7030010530	S.RESISTOR	ERJ1TYJ 561U (560 Ω)
R63	7010007360	RESISTOR	PSD1/4 220 Ω
R70	7030010520	S.RESISTOR	ERJ1TYJ 101U (100 Ω)
R71	7030004050	S.RESISTOR	ERJ3GEYJ 1R0 V (1 Ω)
R73	7030004040	S.RESISTOR	ERJ3GEYJ 4R7 V (4.7 Ω)
R74	7030003360	S.RESISTOR	ERJ3GEYJ 221 V (220 Ω)
R101	7030006101	S.RESISTOR	ERA3YED 183V
R103	7030006101	S.RESISTOR	ERA3YED 183V
R104	7030005971	S.RESISTOR	ERA3YKD 683V
R201	7070000381	RESISTOR	ERG2SJ 100 (10 Ω)
R202	7070000381	RESISTOR	ERG2SJ 100 (10 Ω)
R203	7030003390	S.RESISTOR	ERJ3GEYJ 391 V (390 Ω)
R204	7310004710	TRIMMER	EVM-2AGA00 B23 (202)
R205	7030009620	S.RESISTOR	ERJ12YJ120U (12 Ω)
R251	7030006101	S.RESISTOR	ERA3YED 183V
R401	7030003400	S.RESISTOR	ERJ3GEYJ 471 V (470 Ω)
R402	7030003400	S.RESISTOR	ERJ3GEYJ 471 V (470 Ω)
R403	7030003400	S.RESISTOR	ERJ3GEYJ 471 V (470 Ω)
R404	7030003400	S.RESISTOR	ERJ3GEYJ 471 V (470 Ω)
R501	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R502	7010007350	RESISTOR	PSD1/4 4.7 Ω
R503	7030000140	S.RESISTOR	MCR10EZHJ 10 Ω (100)
R601	7030000250	S.RESISTOR	MCR10EZHJ 82 Ω (820)
R602	7030000250	S.RESISTOR	MCR10EZHJ 82 Ω (820)
R603	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R604	7030003530	S.RESISTOR	ERJ3GEYJ 562 V (5.6 kΩ)
R605	7030003360	S.RESISTOR	ERJ3GEYJ 221 V (220 Ω)

S.=Surface mount

[PA UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
R606	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R614	7030000230	S.RESISTOR	MCR10EZHJ 56 Ω (560)
R615	7030000230	S.RESISTOR	MCR10EZHJ 56 Ω (560)
R616	7030000230	S.RESISTOR	MCR10EZHJ 56 Ω (560)
R617	7030000220	S.RESISTOR	MCR10EZHJ 47 Ω (470)
R618	7030000340	S.RESISTOR	MCR10EZHJ 470 Ω (471)
R619	7030006260	S.RESISTOR	ERJ12YJ471U (470 Ω)
R620	7030000260	S.RESISTOR	MCR10EZHJ 100 Ω (101)
R621	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R622	7030000230	S.RESISTOR	MCR10EZHJ 56 Ω (560)
R701	7030003380	S.RESISTOR	ERJ3GEYJ 331 V (330 Ω)
R702	7030003220	S.RESISTOR	ERJ3GEYJ 150 V (15 Ω)
R703	7030003380	S.RESISTOR	ERJ3GEYJ 331 V (330 Ω)
C1	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C2	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C3	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C4	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C5	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C6	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C7	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C8	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C9	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C11	4030008920	S.CERAMIC	C1608 JB 1H 473K-T-A
C12	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C13	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C14	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C15	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C16	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C18	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C19	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C20	4510004590	ELECTROLYTIC	16 MV 470 HC
C24	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C29	4030012620	S.CERAMIC	GRM44-1 CH 102J 500PT
C30	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C31	4030012620	S.CERAMIC	GRM44-1 CH 102J 500PT
C32	4030012620	S.CERAMIC	GRM44-1 CH 102J 500PT
C33	4030012620	S.CERAMIC	GRM44-1 CH 102J 500PT
C35	4030011740	S.CERAMIC	GRM42-2 CH 201J 500PT
C39	4510004600	ELECTROLYTIC	16 MV 1000 HC
C40	4510004600	ELECTROLYTIC	16 MV 1000 HC
C41	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C42	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C43	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C44	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C45	4030005110	S.CERAMIC	C2012 JB 1E 473K-T-A
C46	4510004600	ELECTROLYTIC	16 MV 1000 HC
C47	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C48	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C49	4510004640	S.ELECTROLYTIC	ECEV1CA470SP
C52	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C54	4510004640	S.ELECTROLYTIC	ECEV1CA470SP
C65	4510006220	S.ELECTROLYTIC	ECEV1CA101UP
C66	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C67	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C68	4510006220	S.ELECTROLYTIC	ECEV1CA101UP
C69	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C70	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C71	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C72	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C73	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C74	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C75	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C76	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C77	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C78	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C79	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C80	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C81	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C82	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C83	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C84	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C85	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C86	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C87	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C88	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C89	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C90	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C91	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C92	4510004600	ELECTROLYTIC	16 MV 1000 HC
C95	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N

[PA UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
C98	4030006850	S.CERAMIC	C1608 JB 1H 471K-T-A
C99	4030011240	S.CERAMIC	GRM42-6 CH 470J 500PT
C100	4030011740	S.CERAMIC	GRM42-2 CH 201J 500PT
C102	4030007170	S.CERAMIC	C1608 CH 1H 221J-T-A
C103	4030007170	S.CERAMIC	C1608 CH 1H 221J-T-A
C105	4030016740	S.CERAMIC	GRH111 CH 102J 50PT
C107	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C110	4030011740	S.CERAMIC	GRM42-2 CH 201J 500PT
C111	4030011740	S.CERAMIC	GRM42-2 CH 201J 500PT
C114	4030011740	S.CERAMIC	GRM42-2 CH 201J 500PT
C115	4030011740	S.CERAMIC	GRM42-2 CH 201J 500PT
C116	4030011740	S.CERAMIC	GRM42-2 CH 201J 500PT
C117	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C118	4030012620	S.CERAMIC	GRM44-1 CH 102J 500PT
C119	4030012620	S.CERAMIC	GRM44-1 CH 102J 500PT
C120	4510004640	S.ELECTROLYTIC	ECEV1CA470SP
C201	4030011120	S.CERAMIC	GRM42-6 CH 100D 500PT
C202	4610000230	TRIMMER	CVE50-41
C203	4030011080	S.CERAMIC	GRM42-6 CH 060D 500PT
C208	4030001310	S.MICA	UC342H 2000J-T
C210	4030011120	S.CERAMIC	GRM42-6 CH 100D 500PT
C211	4030001270	S.MICA	UC232H 0470F-T
C212	4030011120	S.CERAMIC	GRM42-6 CH 100D 500PT
C213	4030008920	S.CERAMIC	C1608 JB 1H 473K-T-A
C214	4030007170	S.CERAMIC	C1608 CH 1H 221J-T-A
C215	4030007170	S.CERAMIC	C1608 CH 1H 221J-T-A
C216	4030007170	S.CERAMIC	C1608 CH 1H 221J-T-A
C217	4510004640	S.ELECTROLYTIC	ECEV1CA470SP
C221	4030007170	S.CERAMIC	C1608 CH 1H 221J-T-A
C222	4510004640	S.ELECTROLYTIC	ECEV1CA470SP
C223	4030011550	S.CERAMIC	GRM42-6 CH 680J 500PT
C224	4030011550	S.CERAMIC	GRM42-6 CH 680J 500PT
C225	4030011550	S.CERAMIC	GRM42-6 CH 680J 500PT
C226	4030011550	S.CERAMIC	GRM42-6 CH 680J 500PT
C228	4030011550	S.CERAMIC	GRM42-6 CH 680J 500PT
C229	4030011550	S.CERAMIC	GRM42-6 CH 680J 500PT
C230	4030011550	S.CERAMIC	GRM42-6 CH 680J 500PT
C231	4030011550	S.CERAMIC	GRM42-6 CH 680J 500PT
C233	4030011180	S.CERAMIC	GRM42-6 CH 220J 500PT
C234	4030011290	S.CERAMIC	GRM42-6 CH 240J 500PT
C235	4030011180	S.CERAMIC	GRM42-6 CH 220J 500PT
C237	4030011120	S.CERAMIC	GRM42-6 CH 100D 500PT
C238	4030011040	S.CERAMIC	GRM42-6 CK 020C 500PT
C239	4030011040	S.CERAMIC	GRM42-6 CK 020C 500PT
C241	4030009590	S.CERAMIC	C2012 JF 1C 225Z-T-A
C401	4030007090	S.CERAMIC	C1608 CH 1H 470J-T-A
C402	4030007090	S.CERAMIC	C1608 CH 1H 470J-T-A
C403	4030007090	S.CERAMIC	C1608 CH 1H 470J-T-A
C404	4030007090	S.CERAMIC	C1608 CH 1H 470J-T-A
C502	4010008270	CERAMIC	HM95TJ SL 181J 500V
C503	4010005370	CERAMIC	HM11SJ SL 331J 500V
C505	4010008250	CERAMIC	HM74TJ SL 121J 500V
C507	4010005370	CERAMIC	HM11SJ SL 331J 500V
C508	4010008240	CERAMIC	HM60TJ SL 101J 500V
C510	4010008160	CERAMIC	HM13SJ SL 431J 500V
C512	4010005810	CERAMIC	HM74SJ SL 111J 500V
C514	4010005930	CERAMIC	HM11SJ SL 391J 500V
C515	4010008290	CERAMIC	HM95TJ SL 271J 500V
C516	4010008270	CERAMIC	HM95TJ SL 181J 500V
C517	4010008290	CERAMIC	HM95TJ SL 271J 500V
C518	4010008240	CERAMIC	HM60TJ SL 101J 500V
C520	4010005370	CERAMIC	HM11SJ SL 331J 500V
C521	4010008290	CERAMIC	HM95TJ SL 271J 500V
C522	4010008350	CERAMIC	HM60TJ SL 220J 500V
C523	4010005370	CERAMIC	HM11SJ SL 331J 500V
C524	4010005370	CERAMIC	HM11SJ SL 331J 500V
C525	4010005370	CERAMIC	HM11SJ SL 331J 500V
C528	4010008250	CERAMIC	HM74TJ SL 121J 500V
C530	4010005810	CERAMIC	HM74SJ SL 111J 500V
C531	4010008260	CERAMIC	HM74TJ SL 151J 500V
C532	4010008250	CERAMIC	HM74TJ SL 121J 500V
C533	4010008360	CERAMIC	HM60TJ SL 180J 500V
C534	4010008280	CERAMIC	HM95TJ SL 221J 500V
C535	4010008210	CERAMIC	HM60TJ SL 560J 500V
C536	4010008230	CERAMIC	HM60TJ SL 820J 500V
C537	4010008250	CERAMIC	HM74TJ SL 121J 500V
C538	4010005580	CERAMIC	HM60SJ SL 070D 500V
C539	4010008240	CERAMIC	HM60TJ SL 101J 500V
C540	4010008350	CERAMIC	HM60TJ SL 220J 500V
C541	4010008330	CERAMIC	HM60TJ SL 330J 500V
C542	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C543	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A

S.=Surface mount

[PA UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
C544	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C545	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C546	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C547	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C548	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C549	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C550	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C551	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C552	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C553	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C554	4010008280	CERAMIC	HM95TJ SL 221J 500V
C555	4010005630	CERAMIC	HM60SJ SL 150J 500V
C557	4010008250	CERAMIC	HM74TJ SL 121J 500V
C558	4010008250	CERAMIC	HM74TJ SL 121J 500V
C561	4010008310	CERAMIC	HM60TJ SL 470J 500V
C563	4010008210	CERAMIC	HM60TJ SL 560J 500V
C565	4010008230	CERAMIC	HM60TJ SL 820J 500V
C566	4010005370	CERAMIC	HM11SJ SL 331J 500V
C567	4010008290	CERAMIC	HM95TJ SL 271J 500V
C568	4010008290	CERAMIC	HM95TJ SL 271J 500V
C569	4010008250	CERAMIC	HM74TJ SL 121J 500V
C572	4010005930	CERAMIC	HM11SJ SL 391J 500V
C573	4010005930	CERAMIC	HM11SJ SL 391J 500V
C574	4010007510	CERAMIC	HM17SJ SL 821J 500V
C575	4010007510	CERAMIC	HM17SJ SL 821J 500V
C577	4010008350	CERAMIC	HM60TJ SL 220J 500V
C578	4010008320	CERAMIC	HM60TJ SL 390J 500V
C579	4010008320	CERAMIC	HM60TJ SL 390J 500V
C581	4010008230	CERAMIC	HM60TJ SL 820J 500V
C582	4010008350	CERAMIC	HM60TJ SL 220J 500V
C583	4010005550	CERAMIC	HM60SJ SL 040C 500V
C585	4010008390	CERAMIC	HM60TJ SL 100D 500V
C586	4010008350	CERAMIC	HM60TJ SL 220J 500V
C587	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C588	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C589	4010008330	CERAMIC	HM60TJ SL 330J 500V
C590	4010008340	CERAMIC	HM60TJ SL 270J 500V
C591	4010008330	CERAMIC	HM60TJ SL 330J 500V
C597	4010007650	CERAMIC	HM17SJ SL 102J 500V
C598	4010007650	CERAMIC	HM17SJ SL 102J 500V
C599	4010007650	CERAMIC	HM17SJ SL 102J 500V
C600	4010007490	CERAMIC	HM15SJ SL 561J 500V
C601	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C602	4030011170	S.CERAMIC	GRM42-6 CH 180J 500PT
C604	4030011020	S.CERAMIC	GRM42-6 CK 010C 500PT
C605	4030011210	S.CERAMIC	GRM42-6 CH 330J 500PT
C606	4030011050	S.CERAMIC	GRM42-6 CJ 030C 500PT
C607	4030011190	S.CERAMIC	GRM42-6 CH 270J 500PT
C608	4030011120	S.CERAMIC	GRM42-6 CH 100D 500PT
C609	4030011170	S.CERAMIC	GRM42-6 CH 180J 500PT
C610	4010005790	CERAMIC	HM60SJ YB 102K 500V
C611	4030007170	S.CERAMIC	C1608 CH 1H 221J-T-A
C612	4030007170	S.CERAMIC	C1608 CH 1H 221J-T-A
C613	4030007170	S.CERAMIC	C1608 CH 1H 221J-T-A
C614	4030007170	S.CERAMIC	C1608 CH 1H 221J-T-A
C616	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C618	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C620	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C621	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C622	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C623	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C624	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C625	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C626	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C627	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
RL1	6330001550	RELAY	JV-12-KT
RL2	6330001430	RELAY	NA-12W-K
RL501	6330001510	RELAY	TB1-160
RL502	6330001510	RELAY	TB1-160
RL503	6330001510	RELAY	TB1-160
RL504	6330001510	RELAY	TB1-160
RL505	6330001510	RELAY	TB1-160
RL506	6330001510	RELAY	TB1-160
RL507	6330001510	RELAY	TB1-160
RL508	6330001510	RELAY	TB1-160
RL509	6330001510	RELAY	TB1-160
RL510	6330001510	RELAY	TB1-160
RL511	6330001510	RELAY	TB1-160
RL512	6330001510	RELAY	TB1-160
RL513	6330001330	RELAY	AG 201344

[PA UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
RL514	6330001330	RELAY	AG 201344
RL601	6330001530	RELAY	NR-HD (5V) AE5349
J5	6510020000	S.CONNECTOR	52808-3091
J10	6510003080	CONNECTOR	RT01T-1.0B
J21	6510021530	CONNECTOR	IMSA-9230B-1-04Z024-T
J22	6510021530	CONNECTOR	IMSA-9230B-1-04Z024-T
J23	6510021530	CONNECTOR	IMSA-9230B-1-04Z024-T
J24	6510021530	CONNECTOR	IMSA-9230B-1-04Z024-T
J101	6510021390	CONNECTOR	IMSA-9230B-1-03Z024-T
J102	6510021390	CONNECTOR	IMSA-9230B-1-03Z024-T
J201	6510021390	CONNECTOR	IMSA-9230B-1-03Z024-T
J202	6510021390	CONNECTOR	IMSA-9230B-1-03Z024-T
F1	5210000060	FUSE	FGB 5A
F2	5220000230	HOLDER	S-N5054 #01
F3	5220000230	HOLDER	S-N5054 #01
W1	7030003860	S.JUMPER	ERJ3GE JPW V
W3	7030003860	S.JUMPER	ERJ3GE JPW V
W504	7030003860	S.JUMPER	ERJ3GE JPW V
W601	7120000490	JUMPER	ERD25T0
W602	7120000490	JUMPER	ERD25T0
EP1	0910054294	PCB	B 5700D
EP2	6910000610	BEAD	FSOH050RN01
EP3	6910000610	BEAD	FSOH050RN01
EP6	6910011330	TERMINAL	OT-009 M3
EP7	6910011330	TERMINAL	OT-009 M3
EP201	6910000600	BEAD	FSOH050RN

[DRV BOARD]

REF NO.	ORDER NO.	DESCRIPTION	
Q1	1560001030	S.FET	2SK2975 (MTS103)
Q2	1560001030	S.FET	2SK2975 (MTS103)
R1	7030000020	S.RESISTOR	MCR10EZHJ 1 Ω (010)
R2	7030000020	S.RESISTOR	MCR10EZHJ 1 Ω (010)
R3	7030000020	S.RESISTOR	MCR10EZHJ 1 Ω (010)
R4	7030000020	S.RESISTOR	MCR10EZHJ 1 Ω (010)
R5	7030000260	S.RESISTOR	MCR10EZHJ 100 Ω (101)
R6	7030000260	S.RESISTOR	MCR10EZHJ 100 Ω (101)
R7	7030010440	S.RESISTOR	ERJ1TYJ 680U (68 Ω)
R8	7030010440	S.RESISTOR	ERJ1TYJ 680U (68 Ω)
R11	7030000280	S.RESISTOR	MCR10EZHJ 150 Ω (151)
C1	4030008960	S.CERAMIC	C2012 JB 1C 104K-T-A
C2	4030008960	S.CERAMIC	C2012 JB 1C 104K-T-A
C3	4030011180	S.CERAMIC	GRM42-6 CH 220J 500PT
EP1	0910054252	PCB	B 5703B

S.=Surface mount

[VARISTOR-A BOARD]

REF NO.	ORDER NO.	DESCRIPTION	
D1	1790001760	S.VARISTOR	MA30-(TX)
EP1	6910012350	S.BEAD	MMZ1608Y 102BT
EP2	0910054330	PCB	B 5718

[VARISTOR-B BOARD]

REF NO.	ORDER NO.	DESCRIPTION	
D1	1790001760	S.VARISTOR	MA30-(TX)
R1	7510001100	S.THERMISTOR	NTCCM1608 4LH 104KC
R2	7510001100	S.THERMISTOR	NTCCM1608 4LH 104KC
EP1	6910012350	S.BEAD	MMZ1608Y 102BT
EP2	0910054341	PCB	B 5719A

[VARISOR-C BOARD]

REF NO.	ORDER NO.	DESCRIPTION	
D1	1790001760	S.VARISTOR	MA30-(TX)
EP1	6910012350	S.BEAD	MMZ1608Y 102BT
EP2	0910054350	PCB	B 5720

[VARISOR-D BOARD]

REF NO.	ORDER NO.	DESCRIPTION	
D1	1790001760	S.VARISTOR	MA30-(TX)
R1	7510001100	S.THERMISTOR	NTCCM1608 4LH 104KC
R2	7510001100	S.THERMISTOR	NTCCM1608 4LH 104KC
EP1	6910012350	S.BEAD	MMZ1608Y 102BT
EP2	0910054361	PCB	B 5721A

[TUNER UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
Q1	1590000680	S.TRANSISTOR	DTC114EUA T106
Q2	1590000680	S.TRANSISTOR	DTC114EUA T106
Q3	1590000680	S.TRANSISTOR	DTC114EUA T106
Q4	1590000680	S.TRANSISTOR	DTC114EUA T106
Q5	1590000680	S.TRANSISTOR	DTC114EUA T106
Q6	1590000680	S.TRANSISTOR	DTC114EUA T106
Q7	1590000680	S.TRANSISTOR	DTC114EUA T106
Q8	1590000680	S.TRANSISTOR	DTC114EUA T106
Q9	1590000680	S.TRANSISTOR	DTC114EUA T106
Q10	1590000680	S.TRANSISTOR	DTC114EUA T106
Q11	1590000680	S.TRANSISTOR	DTC114EUA T106
Q12	1590000680	S.TRANSISTOR	DTC114EUA T106
Q13	1590000680	S.TRANSISTOR	DTC114EUA T106
Q14	1590000680	S.TRANSISTOR	DTC114EUA T106
Q15	1590000680	S.TRANSISTOR	DTC114EUA T106
D1	1750000370	S.DIODE	DA221 TL
D2	1750000370	S.DIODE	DA221 TL
D3	1750000370	S.DIODE	DA221 TL
D4	1750000370	S.DIODE	DA221 TL
D5	1750000370	S.DIODE	DA221 TL
D6	1750000370	S.DIODE	DA221 TL
D7	1750000370	S.DIODE	DA221 TL
D8	1750000370	S.DIODE	DA221 TL
D9	1750000370	S.DIODE	DA221 TL
D10	1750000370	S.DIODE	DA221 TL
D11	1750000370	S.DIODE	DA221 TL
D12	1750000370	S.DIODE	DA221 TL
D13	1750000370	S.DIODE	DA221 TL
D14	1750000370	S.DIODE	DA221 TL
D15	1750000370	S.DIODE	DA221 TL
L1	6200003950	S.COIL	HF50ACC 322513-T
L3	6110003600	COIL	LA-555
L4	6110003590	COIL	LA-554
L5	6110003020	COIL	LA-489
L6	6110003030	COIL	LA-490
L7	6110003020	COIL	LA-489
L8	6110003030	COIL	LA-490
L9	6110003480	COIL	LA-536
L11	6110003480	COIL	LA-536
L12	6110003480	COIL	LA-536
L13	6180003290	COIL	BM27-400-6A
L14	6180003290	COIL	BM27-400-6A
L15	6180003290	COIL	BM27-400-6A
L16	6180003290	COIL	BM27-400-6A
L17	6180003290	COIL	BM27-400-6A
L18	6180003290	COIL	BM27-400-6A
L19	6180003290	COIL	BM27-400-6A
L20	6180003290	COIL	BM27-400-6A
C1	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C2	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C3	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C4	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C5	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C6	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C7	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C8	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C11	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C12	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C13	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C14	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C15	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C16	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C17	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C18	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C19	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C20	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C21	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C22	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C23	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C24	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C25	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C26	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C27	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C28	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C29	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C30	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A

S.=Surface mount

[TUNER UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
C31	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C32	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C33	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C34	4010008550	CERAMIC	DE0607 SL 390J 3KV
C35	4010008550	CERAMIC	DE0607 SL 390J 3KV
C36	4010004800	CERAMIC	DE1210 SL 820J 6KV
C37	4010004250	CERAMIC	DE1007 SL 101J 3KV
C38	4010004830	CERAMIC	DE1510 SL 151J 6KV
C39	4010008560	CERAMIC	DE1107 SL 151J 3KV
C40	4010004250	CERAMIC	DE1007 SL 101J 3KV
C41	4010004250	CERAMIC	DE1007 SL 101J 3KV
C42	4010004250	CERAMIC	DE1007 SL 101J 3KV
C43	4010004250	CERAMIC	DE1007 SL 101J 3KV
C44	4620000140	VARIABLE	UV35A 150P
C45	4620000140	VARIABLE	UV35A 150P
C46	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C47	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C48	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C49	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C50	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C51	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C52	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C53	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C55	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C56	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C57	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C58	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C59	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C60	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C61	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
RL1	6330001610	RELAY	NY-12W-K-IE
RL2	6330001610	RELAY	NY-12W-K-IE
RL3	6330001610	RELAY	NY-12W-K-IE
RL4	6330001610	RELAY	NY-12W-K-IE
RL5	6330001520	RELAY	VE-12HM-K
RL6	6330001520	RELAY	VE-12HM-K
RL7	6330001520	RELAY	VE-12HM-K
RL8	6330001520	RELAY	VE-12HM-K
RL9	6330001520	RELAY	VE-12HM-K
RL10	6330001610	RELAY	NY-12W-K-IE
RL11	6330001610	RELAY	NY-12W-K-IE
RL12	6330001610	RELAY	NY-12W-K-IE
RL13	6330001610	RELAY	NY-12W-K-IE
RL14	6330001610	RELAY	NY-12W-K-IE
RL15	6330001610	RELAY	NY-12W-K-IE
J5	6510022590	S.CONNECTOR	22FMN-BMTTR-A-TBT
MF1	2710000460	MOTOR	MP28GA STEPPING MOTOR
MF2	2710000460	MOTOR	MP28GA STEPPING MOTOR
EP1	0910054402	PCB	B 5701B

[CTRL UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
IC1	1110000960	S.IC	NJM4558M-T1
IC2	1120002250	S.IC	TC74ACT32F
IC3	1120002240	S.IC	TC74AC112F
IC4	1110000960	S.IC	NJM4558M-T1
IC5	1140004120	S.IC	M38022M2-138FP
IC6	1140003610	S.IC	X24C04S8-2.7T6
IC9	1110002690	S.IC	NJM2903M-T1
IC10	1130003920	S.IC	TC4S69F (TE85R)
IC13	1180001070	S.IC	TA7805F (TE16L)
IC14	1120002300	S.IC	TC74AC04F
Q5	1560000870	S.FET	2SK515-T1B (X33)
Q12	1590000680	S.TRANSISTOR	DTC114EUA T106
Q14	1590000680	S.TRANSISTOR	DTC114EUA T106
Q16	1590000680	S.TRANSISTOR	DTC114EUA T106
Q21	1590000680	S.TRANSISTOR	DTC114EUA T106
Q23	1590000680	S.TRANSISTOR	DTC114EUA T106
Q24	1590001330	S.TRANSISTOR	DTA114EUA T106
Q25	1530003090	S.TRANSISTOR	2SC4213-B (TE85R)
Q211	1590000680	S.TRANSISTOR	DTC114EUA T106
Q212	1590000680	S.TRANSISTOR	DTC114EUA T106
Q213	1590000680	S.TRANSISTOR	DTC114EUA T106
Q214	1590000680	S.TRANSISTOR	DTC114EUA T106
Q215	1590000680	S.TRANSISTOR	DTC114EUA T106
Q216	1590000680	S.TRANSISTOR	DTC114EUA T106
Q217	1590000680	S.TRANSISTOR	DTC114EUA T106
Q218	1590000680	S.TRANSISTOR	DTC114EUA T106
D1	1790000490	S.DIODE	HSM88AS-TR
D2	1790000490	S.DIODE	HSM88AS-TR
D3	1750000200	S.DIODE	1SS319 (TE85R)
D4	1750000120	S.DIODE	DWA010-TE
D5	1790000690	S.DIODE	HSM88ASR-TR
D6	1790000490	S.DIODE	HSM88AS-TR
D7	1790000490	S.DIODE	HSM88AS-TR
D8	1790000490	S.DIODE	HSM88AS-TR
D9	1790000490	S.DIODE	HSM88AS-TR
D10	1750000120	S.DIODE	DWA010-TE
D11	1730000410	S.ZENER	RD5.1M-T2B2
D12	1730000030	S.ZENER	RD5.6M-T2B2
D13	1710000780	S.DIODE	MA114 (TX)
D15	1790000490	S.DIODE	HSM88AS-TR
D16	1750000370	S.DIODE	DA221 TL
D17	1750000370	S.DIODE	DA221 TL
D18	1750000370	S.DIODE	DA221 TL
D20	1750000370	S.DIODE	DA221 TL
D21	1750000850	S.DIODE	MMBV3700LT1
D22	1750000850	S.DIODE	MMBV3700LT1
D23	1790000490	S.DIODE	HSM88AS-TR
D24	1790000620	S.DIODE	MA77 (TX)
D211	1750000200	S.DIODE	1SS319 (TE85R)
D213	1750000200	S.DIODE	1SS319 (TE85R)
D215	1750000200	S.DIODE	1SS319 (TE85R)
D217	1750000200	S.DIODE	1SS319 (TE85R)
X1	6050009890	S.XTAL	CR-569 (6.144 MHz)
L1	6140003270	COIL	LR-364
L2	6200001830	S.COIL	NL 322522T-100J
L3	6200003260	S.COIL	NL 322522T-101J
L4	6140003270	COIL	LR-364
L5	6180001220	COIL	LAL 04NA 100K
L8	6140003270	COIL	LR-364
L9	6180000450	COIL	RFC L6 222K
L10	6200003260	S.COIL	NL 322522T-101J
L11	6200003260	S.COIL	NL 322522T-101J
L13	6180000990	COIL	LAL 04NA 101K
L22	6140003270	COIL	LR-364
L25	6200003260	S.COIL	NL 322522T-101J
L27	6110001680	COIL	LA-254
L28	6110001640	COIL	LA-247
L29	6200003950	S.COIL	HF50ACC 322513-T
L31	6200003950	S.COIL	HF50ACC 322513-T
L32	6200003950	S.COIL	HF50ACC 322513-T
L35	6110001650	COIL	LA-248

S.=Surface mount

[CTRL UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
R1	7030001040	S.RESISTOR	MCR50JZHJ 18 Ω (180)
R2	7030001040	S.RESISTOR	MCR50JZHJ 18 Ω (180)
R3	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R4	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R5	7030003720	S.RESISTOR	ERJ3GEYJ 224 V (220 kΩ)
R6	7030003720	S.RESISTOR	ERJ3GEYJ 224 V (220 kΩ)
R7	7030003720	S.RESISTOR	ERJ3GEYJ 224 V (220 kΩ)
R8	7030003720	S.RESISTOR	ERJ3GEYJ 224 V (220 kΩ)
R9	7030003800	S.RESISTOR	ERJ3GEYJ 105 V (1 MΩ)
R10	7030003790	S.RESISTOR	ERJ3GEYJ 824 V (820 kΩ)
R13	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R14	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R15	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R16	7030010540	S.RESISTOR	ERJ1TYJ 330U (33 Ω)
R17	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R26	7030003280	S.RESISTOR	ERJ3GEYJ 470 V (47 Ω)
R27	7030003280	S.RESISTOR	ERJ3GEYJ 470 V (47 Ω)
R28	7030003500	S.RESISTOR	ERJ3GEYJ 332 V (3.3 kΩ)
R29	7030003480	S.RESISTOR	ERJ3GEYJ 222 V (2.2 kΩ)
R30	7030003360	S.RESISTOR	ERJ3GEYJ 221 V (220 Ω)
R31	7030003480	S.RESISTOR	ERJ3GEYJ 222 V (2.2 kΩ)
R32	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R33	7030003530	S.RESISTOR	ERJ3GEYJ 562 V (5.6 kΩ)
R34	7030003530	S.RESISTOR	ERJ3GEYJ 562 V (5.6 kΩ)
R35	7030003670	S.RESISTOR	ERJ3GEYJ 823 V (82 kΩ)
R36	7030003820	S.RESISTOR	ERJ3GEYJ 155 V (1.5 MΩ)
R37	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R38	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R39	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R40	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R41	7030010550	S.RESISTOR	ERJ1TYJ 820U (82 Ω)
R42	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R43	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R44	7030003800	S.RESISTOR	ERJ3GEYJ 105 V (1 MΩ)
R45	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R46	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R47	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R48	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R49	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R50	7030003540	S.RESISTOR	ERJ3GEYJ 682 V (6.8 kΩ)
R51	7030003530	S.RESISTOR	ERJ3GEYJ 562 V (5.6 kΩ)
R52	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R53	7030003820	S.RESISTOR	ERJ3GEYJ 155 V (1.5 MΩ)
R54	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R55	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R56	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R57	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R58	7540000130	ABSORBER	2P-50A-301
R59	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R60	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R61	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R62	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R63	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R64	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R65	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R66	7030003650	S.RESISTOR	ERJ3GEYJ 563 V (56 kΩ)
R67	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R69	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R71	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R76	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R83	7030001040	S.RESISTOR	MCR50JZHJ 18 Ω (180)
R84	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R86	7030003720	S.RESISTOR	ERJ3GEYJ 224 V (220 kΩ)
R87	7030003660	S.RESISTOR	ERJ3GEYJ 683 V (68 kΩ)
R88	7030003660	S.RESISTOR	ERJ3GEYJ 683 V (68 kΩ)
R89	7030003840	S.RESISTOR	ERJ3GEYJ 225 V (2.2 MΩ)
R90	7030003720	S.RESISTOR	ERJ3GEYJ 224 V (220 kΩ)
R92	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R93	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R98	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R99	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R100	7030003650	S.RESISTOR	ERJ3GEYJ 563 V (56 kΩ)
R101	7030003650	S.RESISTOR	ERJ3GEYJ 563 V (56 kΩ)
R102	7030003570	S.RESISTOR	ERJ3GEYJ 123 V (12 kΩ)
R103	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R105	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R106	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R107	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R108	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R109	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R110	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R111	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)

[CTRL UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
R112	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R113	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R114	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R115	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R116	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R117	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R118	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R119	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R120	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R121	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R136	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R137	7030003280	S.RESISTOR	ERJ3GEYJ 470 V (47 Ω)
R138	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R139	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R140	7030003280	S.RESISTOR	ERJ3GEYJ 470 V (47 Ω)
R141	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R142	7030003280	S.RESISTOR	ERJ3GEYJ 470 V (47 Ω)
R143	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R144	7030003280	S.RESISTOR	ERJ3GEYJ 470 V (47 Ω)
R145	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R146	7030003280	S.RESISTOR	ERJ3GEYJ 470 V (47 Ω)
R147	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R149	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R150	7030000330	S.RESISTOR	MCR10EZHJ 390 Ω (391)
R151	7030000400	S.RESISTOR	MCR10EZHJ 1.5 kΩ
R152	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R153	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R154	7030003480	S.RESISTOR	ERJ3GEYJ 222 V (2.2 kΩ)
R155	7030003390	S.RESISTOR	ERJ3GEYJ 391 V (390 Ω)
R156	7030000400	S.RESISTOR	MCR10EZHJ 1.5 kΩ
R157	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R158	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R159	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R160	7030000220	S.RESISTOR	MCR10EZHJ 47 Ω (470)
R161	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R211	7030003380	S.RESISTOR	ERJ3GEYJ 331 V (330 Ω)
R212	7030003380	S.RESISTOR	ERJ3GEYJ 331 V (330 Ω)
R213	7030003380	S.RESISTOR	ERJ3GEYJ 331 V (330 Ω)
R214	7030003380	S.RESISTOR	ERJ3GEYJ 331 V (330 Ω)
R215	7030003380	S.RESISTOR	ERJ3GEYJ 331 V (330 Ω)
R216	7030003380	S.RESISTOR	ERJ3GEYJ 331 V (330 Ω)
R217	7030003380	S.RESISTOR	ERJ3GEYJ 331 V (330 Ω)
R218	7030003380	S.RESISTOR	ERJ3GEYJ 331 V (330 Ω)
C1	4010005530	CERAMIC	HM60SJ SL 020C 500V
C2	4030007090	S.CERAMIC	C1608 CH 1H 470J-T-A
C3	4610001260	S.TRIMMER	ECR-JA020 E12W
C4	4010005530	CERAMIC	HM60SJ SL 020C 500V
C5	4030007100	S.CERAMIC	C1608 CH 1H 560J-T-A
C6	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C7	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C8	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C9	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C10	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C11	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C12	4010005540	CERAMIC	HM60SJ SL 030C 500V
C13	4030007070	S.CERAMIC	C1608 CH 1H 330J-T-A
C14	4030007070	S.CERAMIC	C1608 CH 1H 330J-T-A
C15	4030007070	S.CERAMIC	C1608 CH 1H 330J-T-A
C16	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C17	4030007120	S.CERAMIC	C1608 CH 1H 820J-T-A
C20	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C21	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C22	4550003120	S.TANTALUM	TEMSVD2 1A 476M-12L
C23	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C24	4030007170	S.CERAMIC	C1608 CH 1H 221J-T-A
C25	4030007170	S.CERAMIC	C1608 CH 1H 221J-T-A
C26	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C27	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C30	4030007170	S.CERAMIC	C1608 CH 1H 221J-T-A
C31	4030011340	S.CERAMIC	C1608 CH 1H 471J-T-A
C32	4010005530	CERAMIC	HM60SJ SL 020C 500V
C33	4030007110	S.CERAMIC	C1608 CH 1H 680J-T-A
C34	4030007110	S.CERAMIC	C1608 CH 1H 680J-T-A
C35	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C36	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C37	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C38	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C39	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C40	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C43	4030007170	S.CERAMIC	C1608 CH 1H 221J-T-A

S.=Surface mount

[CTRL UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
C44	4030011340	S.CERAMIC	C1608 CH 1H 471J-T-A
C45	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C46	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C47	4030009990	S.CERAMIC	C1608 CH 1H 200J-T-A
C48	4030009990	S.CERAMIC	C1608 CH 1H 200J-T-A
C49	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C50	4510004640	S.ELECTROLYTIC	ECEV1CA470SP
C51	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C52	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C53	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C54	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C55	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C56	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C57	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C58	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C59	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C60	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C62	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C63	4030007040	S.CERAMIC	C1608 CH 1H 180J-T-A
C64	4030007120	S.CERAMIC	C1608 CH 1H 820J-T-A
C65	4030007090	S.CERAMIC	C1608 CH 1H 470J-T-A
C66	4030007120	S.CERAMIC	C1608 CH 1H 820J-T-A
C67	4030007030	S.CERAMIC	C1608 CH 1H 150J-T-A
C69	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C70	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C71	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C72	4510006260	S.ELECTROLYTIC	ECEV1AA471UP
C73	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C74	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C75	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C76	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C77	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C78	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C79	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C80	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C81	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C82	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C83	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C84	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C85	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C86	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C90	4510004440	S.ELECTROLYTIC	ECEV1HA010SR
C91	4510004440	S.ELECTROLYTIC	ECEV1HA010SR
C92	4510004440	S.ELECTROLYTIC	ECEV1HA010SR
C93	4510004440	S.ELECTROLYTIC	ECEV1HA010SR
C94	4510004440	S.ELECTROLYTIC	ECEV1HA010SR
C95	4510004440	S.ELECTROLYTIC	ECEV1HA010SR
C96	4510004440	S.ELECTROLYTIC	ECEV1HA010SR
C97	4510004440	S.ELECTROLYTIC	ECEV1HA010SR
C98	4510006220	S.ELECTROLYTIC	ECEV1CA101UP
C99	4030007010	S.CERAMIC	C1608 CH 1H 100D-T-A
C100	4030007110	S.CERAMIC	C1608 CH 1H 680J-T-A
C101	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C102	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C105	4030007070	S.CERAMIC	C1608 CH 1H 330J-T-A
C107	4010005550	CERAMIC	HM60SJ SL 040C 500V
C109	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C110	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C111	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C112	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C113	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C114	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C116	4030007020	S.CERAMIC	C1608 CH 1H 120J-T-A
C117	4030007100	S.CERAMIC	C1608 CH 1H 560J-T-A
C118	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C203	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C209	4030006900	S.CERAMIC	C1608 JB 1H 103K-T-A
C210	4030006900	S.CERAMIC	C1608 JB 1H 103K-T-A
C211	4010005520	CERAMIC	HM60SJ SL 010C 500V
C212	4030007020	S.CERAMIC	C1608 CH 1H 120J-T-A
C213	4030007050	S.CERAMIC	C1608 CH 1H 220J-T-A
C214	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C215	4030005040	S.CERAMIC	C2012 CH 1H 271J-T-A
C216	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
RL1	6330001460	RELAY	FTR-F1CA012V
RL2	6330001460	RELAY	FTR-F1CA012V
RL3	6330001460	RELAY	FTR-F1CA012V
RL4	6330000470	RELAY	NR-HD (12V) AE5343

[CTRL UNIT]

REF NO.	ORDER NO.	DESCRIPTION	
CP7	6910009670	S.CHECK P	HK3-S-T
J1	6510007020	CONNECTOR	TMP-J01X-V6
J3	6510007020	CONNECTOR	TMP-J01X-V6
J4	6510007020	CONNECTOR	TMP-J01X-V6
J7	6510022590	S.CONNECTOR	22FMN-BMTTR-A-TBT
J8	6510022590	S.CONNECTOR	22FMN-BMTTR-A-TBT
J10	6510003410	CONNECTOR	B05B-EH-S
J11	6510003410	CONNECTOR	B05B-EH-S
J14	6510018960	S.CONNECTOR	B2B-PH-SM3-TB
W3	7120000010	JUMPER	JPW 02A
W4	7030003860	S.JUMPER	ERJ3GE JPW V
W11	7120000490	JUMPER	ERD25T0
W12	7120000490	JUMPER	ERD25T0
EP1	0910054413	PCB	B 5702C
EP2	6910000630	BEAD	FSOH070RN

[FILTER BOARD]

REF NO.	ORDER NO.	DESCRIPTION	
L1	6140003440	COIL	LR-386
L2	6140003440	COIL	LR-386
C1	4030004740	S.CERAMIC	C2012 JB 1H 472K-T-A
C2	4030008960	S.CERAMIC	C2012 JB 1C 104K-T-A
C5	4030004740	S.CERAMIC	C2012 JB 1H 472K-T-A
C6	4030004740	S.CERAMIC	C2012 JB 1H 472K-T-A
C7	4030008960	S.CERAMIC	C2012 JB 1C 104K-T-A
C8	4030008960	S.CERAMIC	C2012 JB 1C 104K-T-A
C9	4030008960	S.CERAMIC	C2012 JB 1C 104K-T-A
C10	4030004740	S.CERAMIC	C2012 JB 1H 472K-T-A
C12	4030008960	S.CERAMIC	C2012 JB 1C 104K-T-A
C13	4030004740	S.CERAMIC	C2012 JB 1H 472K-T-A
C15	4030008960	S.CERAMIC	C2012 JB 1C 104K-T-A
C16	4030004740	S.CERAMIC	C2012 JB 1H 472K-T-A
C18	4030008960	S.CERAMIC	C2012 JB 1C 104K-T-A
C19	4030004740	S.CERAMIC	C2012 JB 1H 472K-T-A
EP1	0910050014	PCB	B 5143D
EP2	6910011330	TERMINAL	OT-009 M3
EP3	6910011330	TERMINAL	OT-009 M3
EP4	6910011330	TERMINAL	OT-009 M3
EP5	6910011330	TERMINAL	OT-009 M3

S.=Surface mount

[DSP UNIT (MAIN UNIT EP2)]

REF NO.	ORDER NO.	DESCRIPTION	
IC1	1130010010	S.IC	TC7WHU04FU
IC3	1130010540	S.IC	SN74AHC74PWR
IC4	1130010540	S.IC	SN74AHC74PWR
IC51	1130010010	S.IC	TC7WHU04FU
IC101	1130010520	S.IC	SN74HCT244APWR
IC102	1110004770	S.IC	BU9480F-E2
IC152	1180002140	S.IC	TK11218BMCL
IC161	1180002020	S.REG	BA033FP-E2
IC171	1180001740	S.IC	TK11250BMCL
IC201	1130010680	S.IC	M29W102BB-70N1
IC202	1130008040	S.IC	TC7SH04FU
IC301	1140009690	S.IC	TMS320VC33PGE120
IC401	1130010550	S.IC	SN74AHC595PWR
IC403	1130010530	S.IC	SN74AHCT374PWR
IC404	1130010530	S.IC	SN74AHCT374PWR
IC405	1130004670	S.IC	BU4021BF-T1
IC406	1130010540	S.IC	SN74AHC74PWR
IC501	1190001610	S.IC	AK4528-VF
IC601	1110005420	S.IC	BA15532F-E2
IC651	1110005420	S.IC	BA15532F-E2
IC701	1110001900	S.IC	μPC4570G2-T1
IC801	1130010560	S.IC	SN74AHC244PWR
Q201	1590001660	S.TRANSISTOR	XP4312(TX)
Q301	1590000430	S.TRANSISTOR	DTC144EUA T106
Q302	1590000430	S.TRANSISTOR	DTC144EUA T106
D901	1790000970	S.DIODE	MA729 (TX)
X1	6050010680	S.XTAL	CR-628 (24.576 MHz)
X51	6050011270	S.XTAL	CR-709 (60.000 MHz)
L1	6200003280	S.COIL	NL 252018T-2R2J
L2	6200003280	S.COIL	NL 252018T-2R2J
L3	6200003280	S.COIL	NL 252018T-2R2J
L51	6200003280	S.COIL	NL 252018T-2R2J
L52	6200001980	S.COIL	NL 252018T-1R0J
L101	6200003280	S.COIL	NL 252018T-2R2J
L102	6200003280	S.COIL	NL 252018T-2R2J
L301	6200003280	S.COIL	NL 252018T-2R2J
L302	6200009840	S.COIL	LQH 3C 2R2M 34
L401	6200003280	S.COIL	NL 252018T-2R2J
L403	6200003280	S.COIL	NL 252018T-2R2J
L404	6200003280	S.COIL	NL 252018T-2R2J
L405	6200003280	S.COIL	NL 252018T-2R2J
L406	6200003280	S.COIL	NL 252018T-2R2J
L501	6200003280	S.COIL	NL 252018T-2R2J
L502	6200003280	S.COIL	NL 252018T-2R2J
L601	6200002040	S.COIL	NL 252018T-101J
L651	6200002040	S.COIL	NL 252018T-101J
L701	6200002040	S.COIL	NL 252018T-101J
L801	6200003280	S.COIL	NL 252018T-2R2J
R1	7030003800	S.RESISTOR	ERJ3GEYJ 105 V (1 MΩ)
R2	7030003400	S.RESISTOR	ERJ3GEYJ 471 V (470 Ω)
R3	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R51	7030003800	S.RESISTOR	ERJ3GEYJ 105 V (1 MΩ)
R52	7030003320	S.RESISTOR	ERJ3GEYJ 101 V (100 Ω)
R151	7030007240	S.RESISTOR	ERJ12YJ680U (68 Ω)
R161	7030008190	S.RESISTOR	ERJ12YJ330U (33 Ω)
R162	7030007510	S.RESISTOR	ERJ12YJ270U (27 Ω)
R171	7030007180	S.RESISTOR	ERJ12YJ150U (15 Ω)
R201	7030003640	S.RESISTOR	ERJ3GEYJ 473 V (47 kΩ)
R303	7030003480	S.RESISTOR	ERJ3GEYJ 222 V (2.2 kΩ)
R304	7030003480	S.RESISTOR	ERJ3GEYJ 222 V (2.2 kΩ)
R305	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R306	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R307	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R308	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R309	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R310	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R311	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R312	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R313	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R317	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R318	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R320	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)

[DSP UNIT (MAIN UNIT EP2)]

REF NO.	ORDER NO.	DESCRIPTION	
R321	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R322	7030003280	S.RESISTOR	ERJ3GEYJ 470 V (47 Ω)
R323	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R324	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R325	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R326	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R327	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R328	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R501	7030004040	S.RESISTOR	ERJ3GEYJ 4R7 V (4.7 Ω)
R601	7030006581	S.RESISTOR	ERA3YED 122V
R602	7030009591	S.RESISTOR	ERA3YED 472V
R603	7030010450	S.RESISTOR	ERA3YED 391V
R604	7030010450	S.RESISTOR	ERA3YED 391V
R605	7030007230	S.RESISTOR	ERA3YED 102V
R606	7030007230	S.RESISTOR	ERA3YED 102V
R607	7030009591	S.RESISTOR	ERA3YED 472V
R608	7030009591	S.RESISTOR	ERA3YED 472V
R609	7030009591	S.RESISTOR	ERA3YED 472V
R610	7030009591	S.RESISTOR	ERA3YED 472V
R611	7030005331	S.RESISTOR	ERA3YED 562V
R651	7030010450	S.RESISTOR	ERA3YED 391V
R652	7030010450	S.RESISTOR	ERA3YED 391V
R653	7030007230	S.RESISTOR	ERA3YED 102V
R654	7030007230	S.RESISTOR	ERA3YED 102V
R655	7030009591	S.RESISTOR	ERA3YED 472V
R656	7030009591	S.RESISTOR	ERA3YED 472V
R657	7030009591	S.RESISTOR	ERA3YED 472V
R658	7030009591	S.RESISTOR	ERA3YED 472V
R659	7030005331	S.RESISTOR	ERA3YED 562V
R701	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R702	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R703	7030003500	S.RESISTOR	ERJ3GEYJ 332 V (3.3 kΩ)
R704	7030003540	S.RESISTOR	ERJ3GEYJ 682 V (6.8 kΩ)
R705	7030003500	S.RESISTOR	ERJ3GEYJ 332 V (3.3 kΩ)
R706	7030003540	S.RESISTOR	ERJ3GEYJ 682 V (6.8 kΩ)
R707	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R708	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R751	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R752	7030003520	S.RESISTOR	ERJ3GEYJ 472 V (4.7 kΩ)
R753	7030003500	S.RESISTOR	ERJ3GEYJ 332 V (3.3 kΩ)
R754	7030003540	S.RESISTOR	ERJ3GEYJ 682 V (6.8 kΩ)
R755	7030003500	S.RESISTOR	ERJ3GEYJ 332 V (3.3 kΩ)
R756	7030003540	S.RESISTOR	ERJ3GEYJ 682 V (6.8 kΩ)
R757	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R758	7030003440	S.RESISTOR	ERJ3GEYJ 102 V (1 kΩ)
R801	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R802	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R803	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R804	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R805	7030003680	S.RESISTOR	ERJ3GEYJ 104 V (100 kΩ)
R901	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R902	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R903	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R904	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R905	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
R906	7030003560	S.RESISTOR	ERJ3GEYJ 103 V (10 kΩ)
C1	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C2	4030007070	S.CERAMIC	C1608 CH 1H 330J-T-A
C3	4030007070	S.CERAMIC	C1608 CH 1H 330J-T-A
C4	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C6	4030007090	S.CERAMIC	C1608 CH 1H 470J-T-A
C7	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C8	4030007010	S.CERAMIC	C1608 CH 1H 100D-T-A
C9	4030006960	S.CERAMIC	C1608 CH 1H 050C-T-A
C51	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C52	4030009920	S.CERAMIC	C1608 CH 1H 050B-T-A
C53	4030009920	S.CERAMIC	C1608 CH 1H 050B-T-A
C54	4030006900	S.CERAMIC	C1608 JB 1H 103K-T-A
C101	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C102	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C103	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C104	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C154	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C155	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C156	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C157	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C158	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C161	4550006620	S.TANTALUM	ECST0JY226R
C162	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C163	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N

S.=Surface mount

[DSP UNIT (MAIN UNIT EP2)]

REF NO.	ORDER NO.	DESCRIPTION	
C164	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C171	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C172	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C173	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C174	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C175	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C201	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C202	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C301	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C302	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C303	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C304	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C305	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C306	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C307	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C308	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C309	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C311	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C312	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C313	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C314	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C315	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C316	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C317	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C318	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C319	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C320	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C321	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C322	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C323	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C324	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C325	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C401	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C403	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C404	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C405	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C406	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C407	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C408	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C504	4510005860	S.ELECTROLYTIC	ECEV1HA2R2SR
C505	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C506	4550006620	S.TANTALUM	ECST0JY226R
C507	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C508	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C509	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C510	4550006620	S.TANTALUM	ECST0JY226R
C511	4030007050	S.CERAMIC	C1608 CH 1H 220J-T-A
C601	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C602	4030009980	S.CERAMIC	C1608 JB 1H 152K-T-A
C603	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C604	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C605	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C606	4510005830	S.ELECTROLYTIC	ECEV1HAN010R
C651	4030009980	S.CERAMIC	C1608 JB 1H 152K-T-A
C652	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C653	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C654	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C655	4510005830	S.ELECTROLYTIC	ECEV1HAN010R
C701	4030011280	S.CERAMIC	C1608 CH 1H 271J-T-A
C702	4030007130	S.CERAMIC	C1608 CH 1H 101J-T-A
C703	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C704	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C705	4030007130	S.CERAMIC	C1608 CH 1H 101J-T-A
C706	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C707	4510006220	S.ELECTROLYTIC	ECEV1CA101UP
C708	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C751	4030011280	S.CERAMIC	C1608 CH 1H 271J-T-A
C752	4030007130	S.CERAMIC	C1608 CH 1H 101J-T-A
C755	4030007130	S.CERAMIC	C1608 CH 1H 101J-T-A
C756	4030011600	S.CERAMIC	C1608 JB 1E 104K-T-N
C757	4510006220	S.ELECTROLYTIC	ECEV1CA101UP
C758	4510004630	S.ELECTROLYTIC	ECEV1CA100SR
C801	4030006880	S.CERAMIC	C1608 JB 1H 472K-T-A
C802	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
C901	4030006860	S.CERAMIC	C1608 JB 1H 102K-T-A
J901	6910013900	CONNECTOR	IMSA-9180S-22A
J902	6910012460	CONNECTOR	IMSA-9180S-30A

[DSP UNIT (MAIN UNIT EP2)]

REF NO.	ORDER NO.	DESCRIPTION	
W1	7030003860	S.JUMPER	ERJ3GE JPW V
W2	7030008240	S.JUMPER	ERJ12YJ0R00U
W3	7030003860	S.JUMPER	ERJ3GE JPW V
W151	7030008240	S.JUMPER	ERJ12YJ0R00U
W152	7030003860	S.JUMPER	ERJ3GE JPW V
W171	7030008240	S.JUMPER	ERJ12YJ0R00U
W201	7030003860	S.JUMPER	ERJ3GE JPW V
W202	7030003860	S.JUMPER	ERJ3GE JPW V
W302	7030003860	S.JUMPER	ERJ3GE JPW V
W303	7030003860	S.JUMPER	ERJ3GE JPW V
W308	7030003860	S.JUMPER	ERJ3GE JPW V
W309	7030003860	S.JUMPER	ERJ3GE JPW V
W310	7030003860	S.JUMPER	ERJ3GE JPW V
W311	7030003860	S.JUMPER	ERJ3GE JPW V
W312	7030003860	S.JUMPER	ERJ3GE JPW V
W501	7030003860	S.JUMPER	ERJ3GE JPW V
W901	7030003860	S.JUMPER	ERJ3GE JPW V
W951	7030003860	S.JUMPER	ERJ3GE JPW V
W952	7030008240	S.JUMPER	ERJ12YJ0R00U
EP1	0910054515	PCB	B 5666E
EP2	6910012350	S.BEAD	MMZ1608Y 102BT

S.=Surface mount

SECTION 7 MECHANICAL PARTS

[FRONT UNIT]

REF. NO.	ORDER NO.	DESCRIPTION		QTY.
EP1	0880000950	Sensor EX-2500 #01		1
EP2	6450001230	Plate HLJ0999-01-480		1
EP3	6450001230	Plate HLJ0999-01-480		1
MP1	8210018280	2072 front panel (A)-1	[7400]	1
	8210018270	2072 front panel (B)-1	[746PRO]	1
MP2	8010017293	2072 sub chassis-3		1
MP3	8310052470	2072 window plate (A)		1
MP4	8930056340	2072 ten key (A)		1
MP5	8930056260	2072 mode key (A)		1
MP6	8930056270	2072 P-key (A)		1
MP7	8930045430	2072 T-A key		1
MP8	8930045440	2072 N-A key		1
MP9	8930045450	2072 S-L key		1
MP10	8930045460	2072 4-key		1
MP11	8610011120	Knob N273 (C)		2
MP12	8610010260	Knob N252		2
MP13	8610010620	Knob N253 (A)		2
MP14	8610010650	Knob N268 assembly		1
MP17	8930027470	1296 brake pad		1
MP19	8930041060	1876 brake plate		1
MP25	8820000770	1296 screw		1
MP26	8810008660	Screw PH BT M3 × 8 NI-ZU		5
MP27	8810008660	Screw PH BT M3 × 8 NI-ZU		2
MP28	8810009180	Screw FH BT M2 × 5 NI-ZU		2
MP29	8810009180	Screw FH BT M2 × 5 NI-ZU		5
MP30	8810009180	Screw FH BT M2 × 5 NI-ZU		1
MP31	8810009180	Screw FH BT M2 × 5 NI-ZU		2
MP32	8810009180	Screw FH BT M2 × 5 NI-ZU		2
MP33	8810009180	Screw FH BT M2 × 5 NI-ZU		2
MP34	8810009180	Screw FH BT M2 × 5 NI-ZU		3
MP35	8810009390	Screw PH BT M3 × 18 NI-ZU		1
MP36	8930007840	Sheet K		4
MP37	8930047080	Sponge (FR)		1
MP38	8930047060	Sponge (FS)		1
MP39	8930056530	Sheet (AA) TC-500TK (15 × 40)		1
MP40	8610011130	Knob N273 (D)		1
MP41	8610010730	Knob N252 (A)		1

[S-LOGIC BOARD]

REF. NO.	ORDER NO.	DESCRIPTION	QTY.
R1	7210002890	Variable resister RV-308	1
R4	7210002890	Variable resister RV-308	1
MP1	8510001081	Shield case (A)-1	1
MP2	8510001101	Shield case (A)-1 cover	1
MP3	8510005980	724 shield case	1
MP4	8510005990	724 shield case cover	1

[PHONE BOARD]

REF. NO.	ORDER NO.	DESCRIPTION	QTY.
J1	6450001890	Connector HLJ5305-01-4090	1
J2	6450001790	Connector HLJ7000-01-3010	1

[MIC BOARD]

REF. NO.	ORDER NO.	DESCRIPTION	QTY.
J1	6510000190	Connector FM214-8SS (P)	1

[PBT BOARD]

REF. NO.	ORDER NO.	DESCRIPTION	QTY.
S1	2250000440	Switch TP90N00E20-22.5F-2494	1
S2	2250000410	Switch TP90D96E20-30F-2178-1	1

[RIT BOARD]

REF. NO.	ORDER NO.	DESCRIPTION	QTY.
S1	2250000340	Switch EVQ-VCJF0324B	1

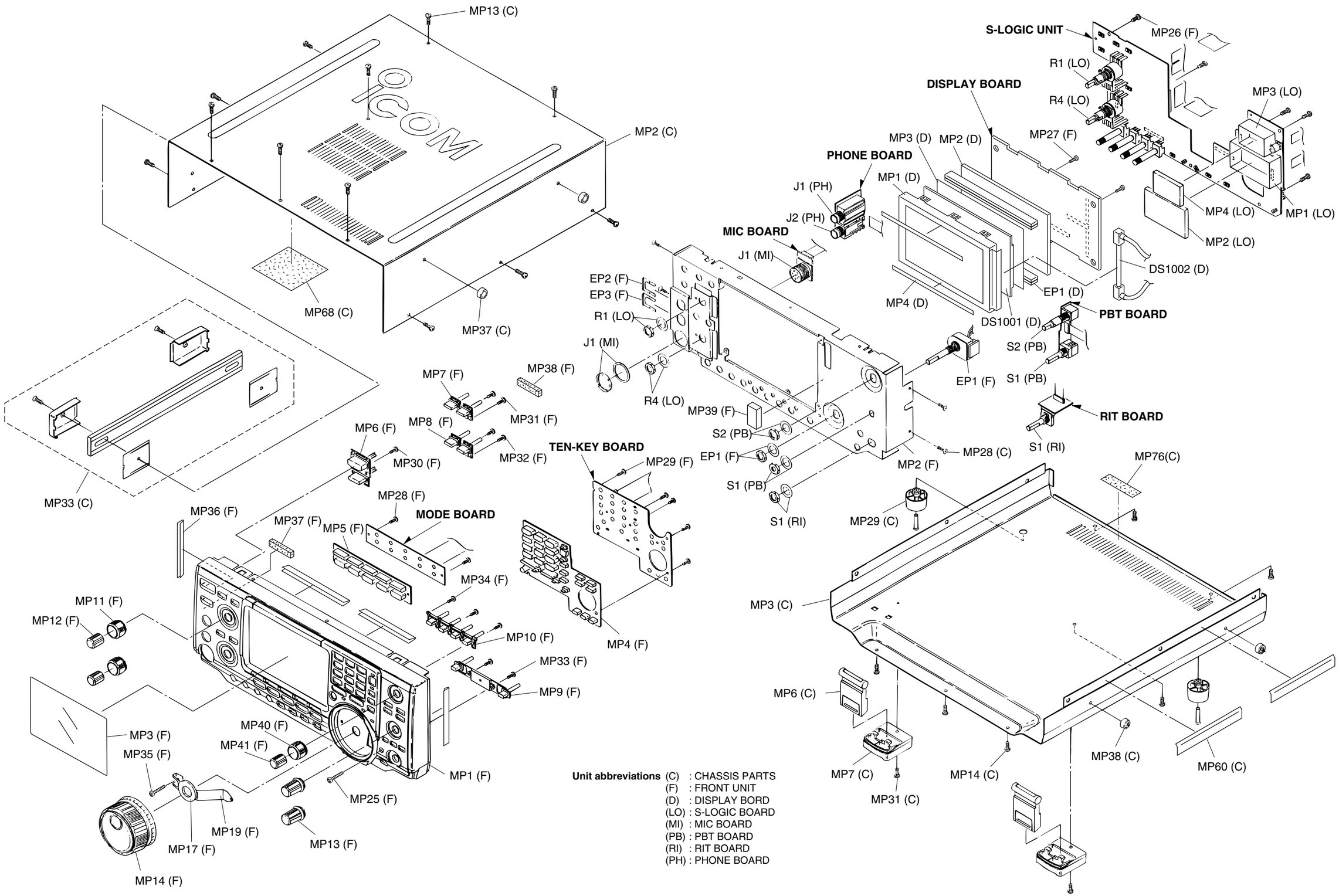
[DISPLAY BOARD]

REF. NO.	ORDER NO.	DESCRIPTION	QTY.
DS1001	5030002150	DLC-83006S4GT	1
DS1002	5080000420	HMB S 3 A1W 70N/AZ ASSY	1
EP1	8930046361	SRCN-2072-SP-N-W-1	2
MP1	8930045491	2072 LCD holder-1	1
MP2	8210015251	2072 reflector-1	1
MP3	8930046520	2072 LCD filter	1
MP4	8930046790	Sheet BT	2

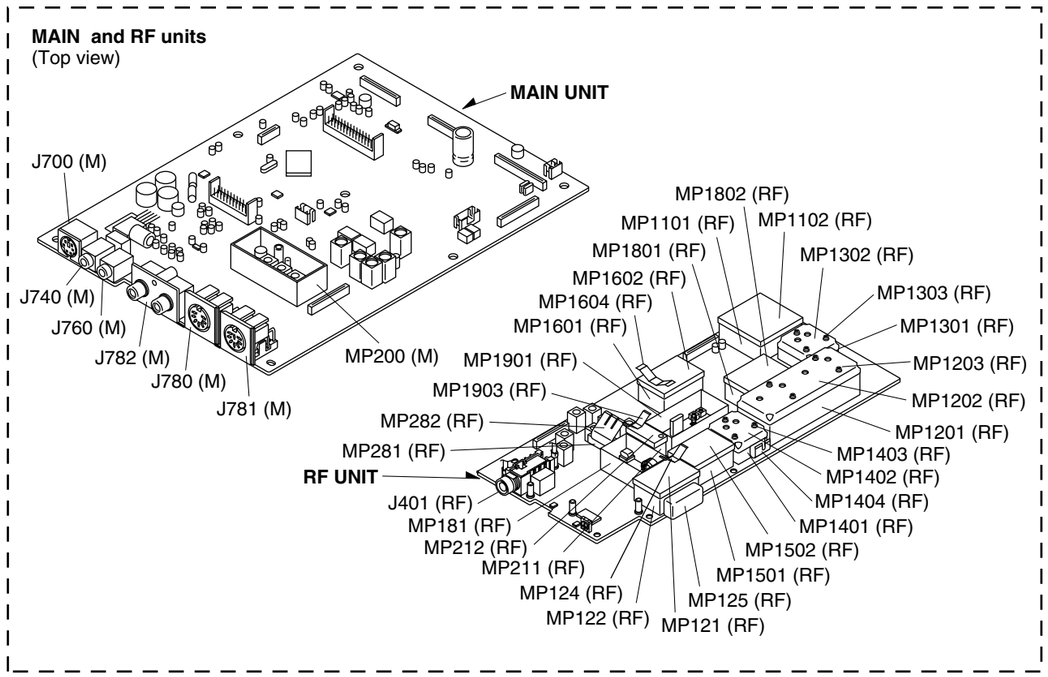
[UNPACKING]

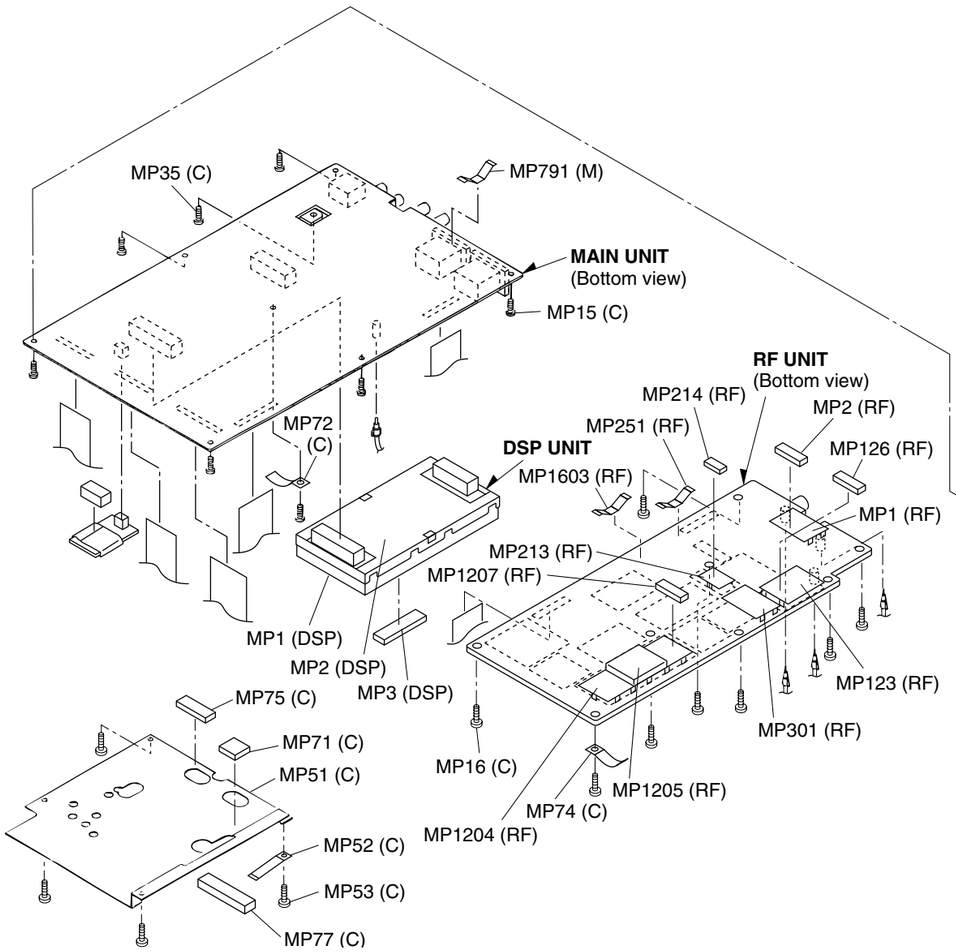
REF. NO.	ORDER NO.	DESCRIPTION	QTY.
F1	5210000090	Fuse FGB 30A	2
F2	5210000060	Fuse FGB 5A	1
W1	8900006490	DC power cable OPC-025 D	1
MC1	7700000540	Hand microphone HM-36	1

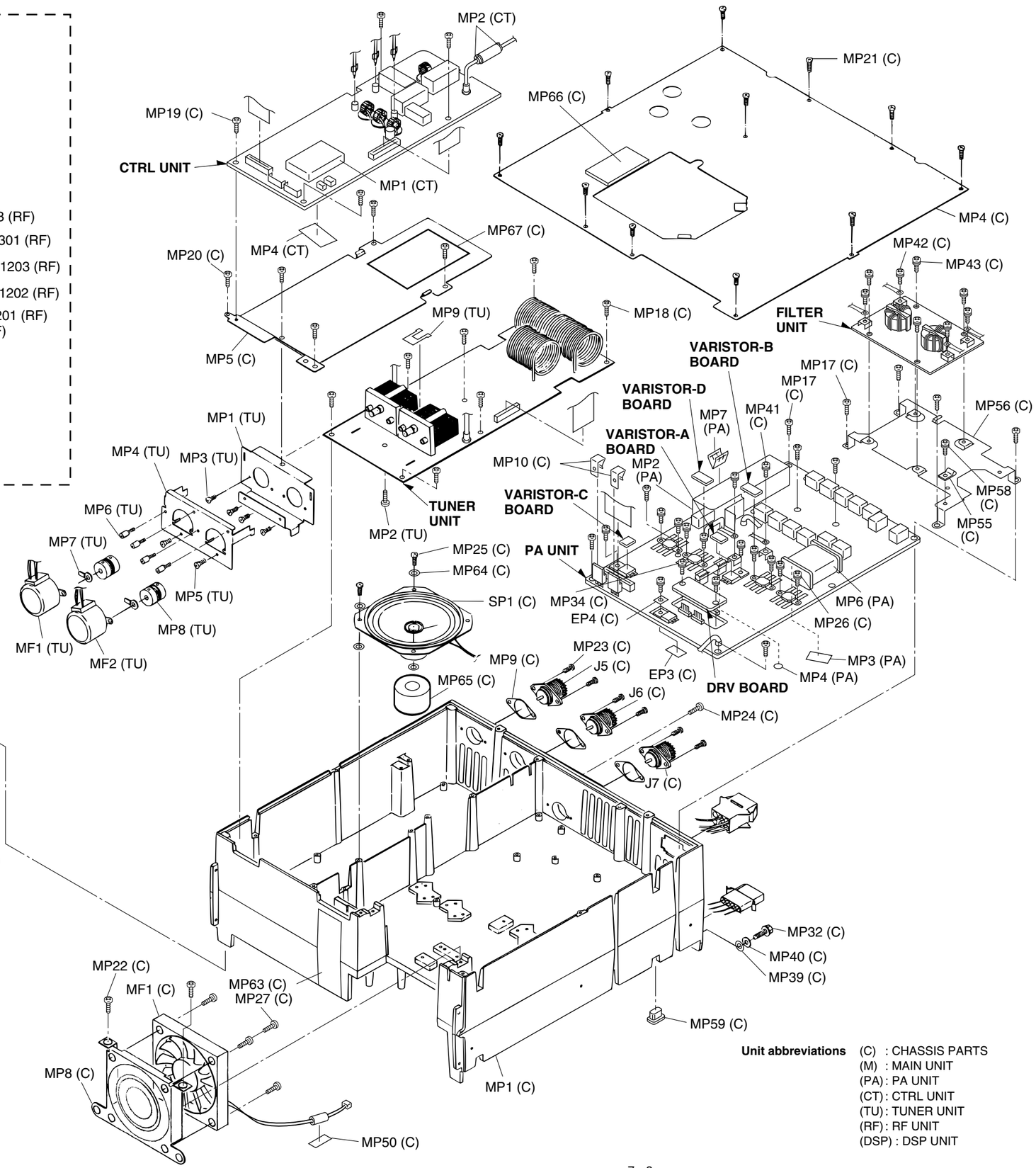
Screw abbreviations BT: Self-tapping PH: Pan head
FH: Flat head NI-ZU: Nickel-zinc



Unit abbreviations
(C) : CHASSIS PARTS
(F) : FRONT UNIT
(D) : DISPLAY BORD
(LO) : S-LOGIC BOARD
(MI) : MIC BOARD
(PB) : PBT BOARD
(RI) : RIT BOARD
(PH) : PHONE BOARD







Unit abbreviations

(C) : CHASSIS PARTS
(M) : MAIN UNIT
(PA) : PA UNIT
(CT) : CTRL UNIT
(TU) : TUNER UNIT
(RF) : RF UNIT
(DSP) : DSP UNIT

[CHASSIS PARTS]

REF. NO.	ORDER NO.	DESCRIPTION		QTY.
J5	6510000370	Connector MR-DS		1
J6	6510000370	Connector MR-DS		1
J7	6510000370	Connector MR-DS		1
EP3	6910000340	Insulation sheet P101 KD		1
EP4	6910000310	B312D insulation washer		1
SP1	2510000760	Speaker SM-77KY0208		1
MF1	2710000630	Fan FBA08T12HC		1
MP1	8010017223	2072 chassis-3		1
MP2	8110006360	2072 T-cover		1
MP3	8110006350	2072 L-cover		1
MP4	8110006370	2072 shield cover		1
MP5	8930045171	2072 A-plate-1		1
MP6	8930041350	1876 main stand		2
MP7	8930041340	1876 sub stand		2
MP8	8930029730	1413 fan holder		1
MP9	8930037001	1691 earth plate-1		3
MP10	8930018520	TR crip (A)		2
MP13	8810005770	Screw BiH M3 × 8 ZK		12
MP14	8810005770	Screw BiH M3 × 8 ZK		6
MP15	8810008660	Screw PH BT M3 × 8 NI-ZU		8
MP16	8810008660	Screw PH BT M3 × 8 NI-ZU		8
MP17	8810008660	Screw PH BT M3 × 8 NI-ZU		10
MP18	8810008660	Screw PH BT M3 × 8 NI-ZU		7
MP19	8810008660	Screw PH BT M3 × 8 NI-ZU		4
MP20	8810008660	Screw PH BT M3 × 8 NI-ZU		4
MP21	8810008660	Screw PH BT M3 × 8 NI-ZU		11
MP22	8810008660	Screw PH BT M3 × 8 NI-ZU		2
MP23	8810008660	Screw PH BT M3 × 8 NI-ZU		6
MP24	8810008660	Screw PH BT M3 × 8 NI-ZU		1
MP25	8810005770	Screw BiH M3 × 8 ZK		2
MP26	8810003170	Setscrew A M3 × 8		11
MP27	8810000420	Screw PH M4 × 18		4
MP28	8810009310	Screw FT BT M3 × 6 NI-ZU		4
MP29	8930042690	Rubber foot (L)		2
MP31	8810008660	Screw BT M3 × 8 NI-ZU		2
MP32	8820000530	Screw M4 × 8 NI		1
MP33	8010018060	Handlel set (A)		1
MP34	8810003170	Setscrew A M3 × 8		2
MP35	8810003170	Setscrew A M3 × 8		1
MP37	8930046120	Rubber foot (M)		2
MP38	8930046120	Rubber foot (M)		2
MP39	8850000430	Spring washer M4 NI		1
MP40	8850000140	FH washer M4 NI BS		1
MP41	8810003160	Setscrew A M3 × 6		2
MP42	8810003160	Setscrew A M3 × 6		4
MP43	8810003160	Setscrew A M3 × 6		4
MP50	8930043800	Double coated tape (S)		1
MP51	8930046641	2072 RF plate-1		1
MP52	8930001170	Earth spring (A)		1
MP53	8810008660	Screw PH BT M3 × 8 NI-ZU		4
MP55	8930015640	Cable Holder		1
MP56	8930046761	2072 filter plate-1	[7400]	1
	8930047290	2072 A-filter plate	[746PRO]	1
MP58	8810003160	Setscrew A M3 × 6		1
MP59	8930046720	2072 BUSH		1
MP60	8930007840	Sheet K		2
MP63	8930047220	Sponge (FT)		1
MP64	8850001710	Sealing washer (R)		4
MP65	8930047100	2072 SP sponge		1
MP66	8930047090	Sponge (FP)		1
MP67	8930047070	Sponge (FQ)		1
MP68	8930047050	Sheet BU		1
MP69	8930047210	2072 EMC spring	[EUR],[FRA]	1
MP71	8930025070	Sponge (CW)		1
MP72	8930004070	Earth spring (C)		1
MP73	8930038820	Alumi sheet (V)		1
MP74	8930001170	Earth spring (A)		1

[CHASSIS PARTS]

REF. NO.	ORDER NO.	DESCRIPTION	QTY.
MP75	8930055980	Shield sponge (F)	1
MP76	8930055980	Shield sponge (F)	1
MP77	8930054520	Shield sponge (E)	1

[RF UNIT]

REF. NO.	ORDER NO.	DESCRIPTION	QTY.
J401	6450001490	Connector HLJ7001-01-3010	1
MP1	8510000210	194 shield plate	1
MP2	8930055980	Shield sponge (F)	1
MP121	8510005980	724 shield case	1
MP122	8510005990	724 shield case cover	1
MP123	8510000180	117 shield plate	1
MP124	8930014140	Earth spring (D)	1
MP125	8930054520	Shield sponge (E)	1
MP126	8930055980	Shield sponge (F)	1
MP181	8510005980	724 sheild case	1
MP211	8510005150	602 sheild case	1
MP212	8510005160	602 sheild case cover	1
MP213	8510002280	VCO shield plate (A)	1
MP214	8930052270	Shield sponge (D)	1
MP251	8930014140	Earth spring (D)	1
MP261	8510013560	2355 U-L plate	1
MP281	8510012400	2177 D/A case	1
MP282	8930057760	2494 RF spring	1
MP301	8510000210	194 shield plate	1
MP1101	8510010760	1876 DDS case	1
MP1102	8510010770	1876 DDS cover	1
MP1103	8510005330	Coil case	1
MP1201	8510011510	2072 VCO case	1
MP1202	8510011520	2072 VCO cover	1
MP1203	8810003960	Setscrew A M2.6 × 5	4
MP1204	8510011710	2072 VCO shield	1
MP1205	8930013520	Sponge (BJ)	1
MP1207	8930055980	Shield sponge (F)	1
MP1301	8510010050	1691 shield case	1
MP1302	8510010060	1691 shield cover	1
MP1303	8810003960	Setscrew A M2.6 × 5	3
MP1401	8510010050	1691 shield case	1
MP1402	8510010060	1691 shield cover	1
MP1403	8810003960	Setscrew A M2.6 × 5	3
MP1404	8930027890	946 earth spring	1
MP1501	8510005980	724 shield case	1
MP1502	8510005990	724 shield case cover	1
MP1601	8510005980	724 shield case	1
MP1602	8510005990	724 shield case cover	1
MP1603	8930014140	Earth spring (D)	1
MP1604	8930014140	Earth spring (D)	1
MP1801	8510005980	724 shield case	1
MP1802	8510005990	724 shield case cover	1
MP1901	8510000230	220 shield case	1
MP1902	8950000180	Cable tie-80	2
MP1903	8930014140	Earth spring (D)	1
MP1905	8950000180	Cable tie-80	2

[MAIN UNIT]

REF. NO.	ORDER NO.	DESCRIPTION	QTY.
J700	6450001840	Connector TCS7568-43-201	1
J740	6450000140	Connector HSJ0807-01-010	1
J760	6450000140	Connector HSJ0807-01-010	1
J780	6450000160	Connector TCS4470-01-1111	1
J781	6450000170	Connector TCS4480-01-1111	1
J782	6450001130	Connector JPJ2042-01-110	1
MP200	8510000230	220 shield case	1
MP791	8930014140	Earth spring (D)	1

[PA UNIT]

REF. NO.	ORDER NO.	DESCRIPTION	QTY.
MP2	8930046570	2072 PA plate	1
MP3	8930047110	Rubber sheet (AP)	1
MP4	8930047120	Rubber sheet (AQ)	1
MP6	8930047230	Emboss tape (J) [EUR],[FRA],[ITR],[ESP]	1
MP7	8930001180	Earth spring	1

[TUNER UNIT]

REF. NO.	ORDER NO.	DESCRIPTION	QTY.
MF1	2710000460	Motor MP28GA	1
MF2	2710000460	Motor MP28GA	1
MP1	8930041090	1876 A-angle	1
MP2	8810008660	Screw PH BT M3 × 8 NI-ZU	1
MP3	8810009060	Screw FH M3 × 6 ZK	4
MP4	8930041110	1876 B-angle	1
MP5	8810009060	Screw FH M3 × 6 ZK	2
MP6	8820000880	1528 screw	4
MP7	8930030111	1414 plate-1	2
MP8	8950003200	UJ6-5 (universal coupling)	2
MP9	8930051580	2178 tunner plate	1

[CTRL UNIT]

REF. NO.	ORDER NO.	DESCRIPTION	QTY.
MP1	8510014440	2494 shield case	1
MP2	8950000180	Cable tie -80	2
MP4	8510005521	VCO shield plate (A)-1	1

[DSP UNIT]

REF. NO.	ORDER NO.	DESCRIPTION	QTY.
MP1	8510014130	2432 DSP case	1
MP2	8510014140	2432 DSP cover	1
MP3	8930057790	Shield sponge (K)	1

Screw abbreviations

BT: Self-tapping
PH: Pan head
BiH: Bind head
NI-ZU: Nickel-zinc
ZK: Black
FT: Self-tapping
FH: Flat head
NI: Nickel
BS: Brass

SECTION 8 SEMI-CONDUCTOR INFORMATION

• TRANSISTORS AND FET'S

2SA1576A T106 R (Symbol: FR)	**2SB1201 S** (Symbol: B1201)	**2SC1971** (Symbol: None)	**2SC2694** (Symbol: None)	**2SC3647 S TD** (Symbol: CC)
2SC4081 T107 R (Symbol: BR)	**2SC4116 GR** (Symbol: LG)	**2SC4213 B** (Symbol: AB)	**2SC4226 T2 R25** (Symbol: R25)	**2SC4403 3 TL** (Symbol: LY3)
2SC4405 3 TL (Symbol: OY3)	**2SC4673 D TD** (Symbol: CO)	**2SD1585 K** (Symbol: None)	**2SD1619 T TD** (Symbol: DB)	**2SD1801 S TL** (Symbol: CE)
2SK210 GR (Symbol: YG)	**2SK508 K52 T2B** (Symbol: K52)	**2SK515 T1B** (Symbol: X33)	**2SK882 GR** (Symbol: TGR)	**2SK1740** (Symbol: IJ)
2SK1829 (Symbol: K1)	**2SK2171 4 TD** (Symbol: KM)	**2SK2973** (Symbol: K1)	**2SK2975** (Symbol: K2975)	**3SK131 T2 MAS** (Symbol: V11)
3SK177 T1B U73 (Symbol: U73)	**DTA114 EE TL** (Symbol: 14)	**DTA114EUA T106** (Symbol: 14)	**DTA144EUA T106** (Symbol: 16)	**DTC114 EE TL** (Symbol: 24)
DTC114EUA T106 (Symbol: 24)	**DTC144 TE** (Symbol: 06)	**UMD3 N TL** (Symbol: D3)	**UN911H** (Symbol: 6P)	**UN9211** (Symbol: 8A)

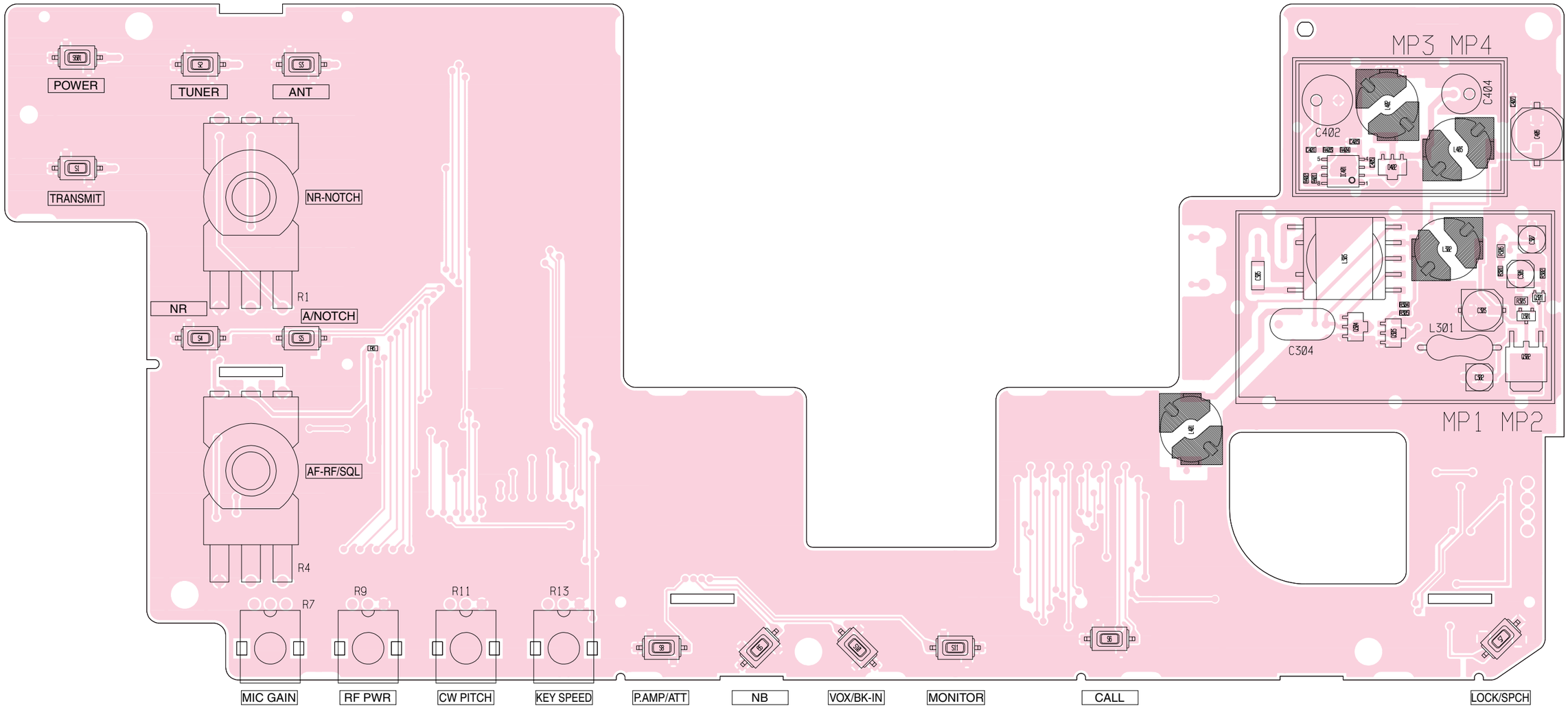
• DIODES

1SS302 (Symbol: C3)	**1SS315** (Symbol: S2)	**1SS319** (Symbol: A4)	**1SS375-TL** (Symbol: FH)	**1SS385** (Symbol: 09)
1SV217 (Symbol: T6)	**1SV237** (Symbol: BB)	**1SV263 TL** (Symbol: JV)	**1SV265 TL** (Symbol: LV)	**1SV271** (Symbol: TG)
1SV308 (Symbol: TX)	**1SV314** (Symbol: V6)	**DA221 TL** (Symbol: K)	**DAN222TL** (Symbol: N)	**DAP202K T146** (Symbol: P)
DAP222 TL (Symbol: P)	**DWA010 TE** (Symbol: W8)	**HSB88WSTR** (Symbol: Silver line)	**HSM88AS TR** (Symbol: C1)	**HSM88ASR TR** (Symbol: C3)
HSU88TRF (Symbol: 9)	**KV1470 TL** (Symbol: F7)	**MA2S111** (Symbol: A) **MA2S728** (Symbol: B)	**MA30-(TX)** (Symbol: 3B)	**MA77** (Symbol: 4B)
MA114 (Symbol: 1E)	**MA338** (Symbol: 6H)	**MA357** (Symbol: 7K)	**MA729** (Symbol: 2B)	**MA8039 L** (Symbol: 3_9) **MA8068 M** (Symbol: 6-8)
MMBV3700LT1 (Symbol: 4R)	**RB706F-40 T106** (Symbol: 3J)	**RD3.0M T2B2** (Symbol: 302) **RD5.1M T2B2** (Symbol: 512) **RD5.6M T2B2** (Symbol: 562)	**SB07-03C** (Symbol: J)	**SB10 05PCP TD** (Symbol: SA)

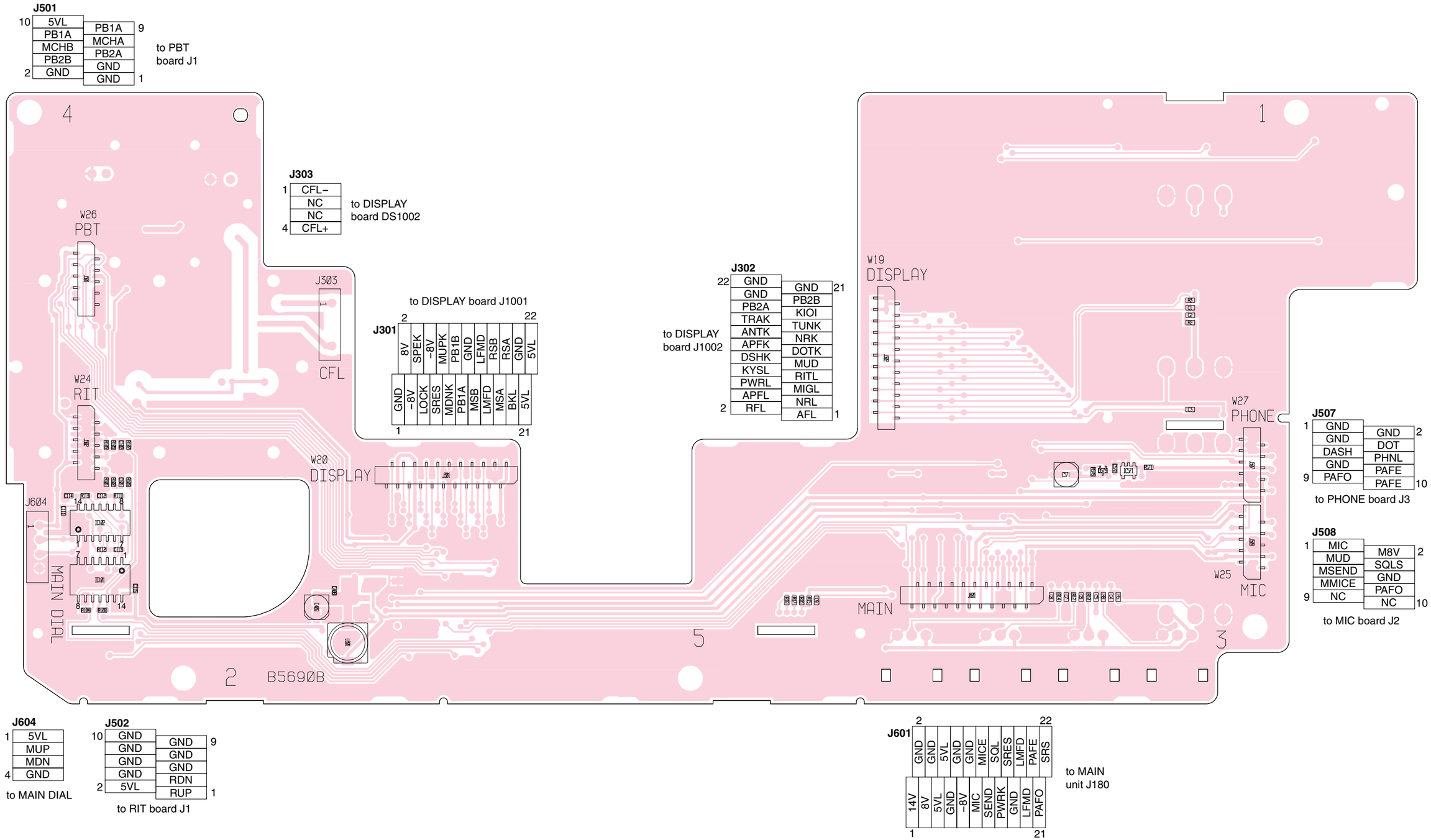
SECTION 9 BOARD LAYOUTS

9-1 S-LOGIC BOARD

• TOP VIEW



• **BOTTOM VIEW (S-LOGIC BOARD)**



J604

1 5VL
MUP
MDN
4 GND

to MAIN DIAL

J502

10 GND
GND
GND
GND
2 5VL
GND 9
GND
GND
RDN
RUP 1

to RIT board J1

J601

2 22

GND GND 5VL GND GND MICE SQL SRES LMFD PAFE SRS

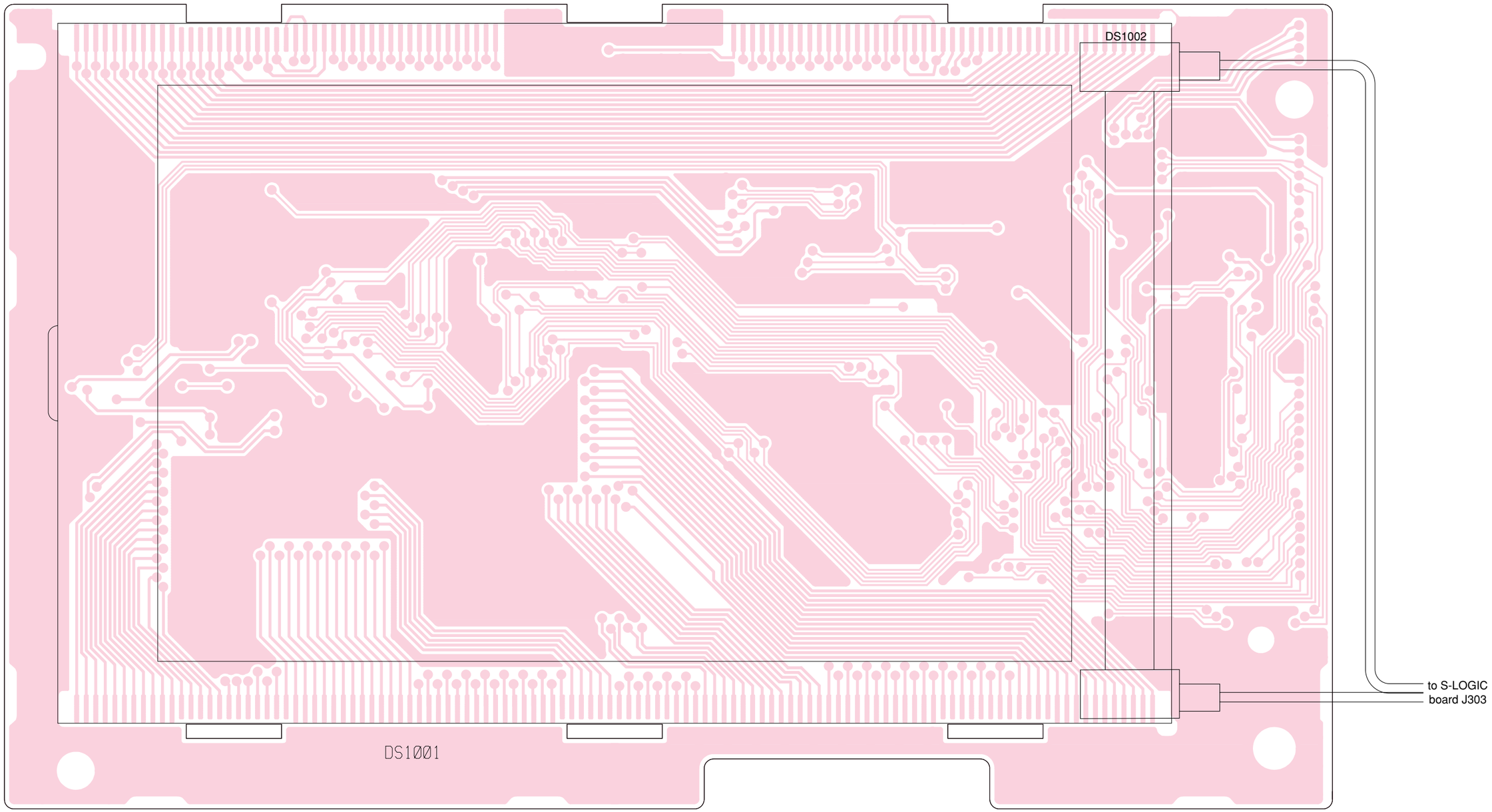
14V 8V 5VL GND –8V MIC SEND PWRK GND LFMD PAFO

1 21

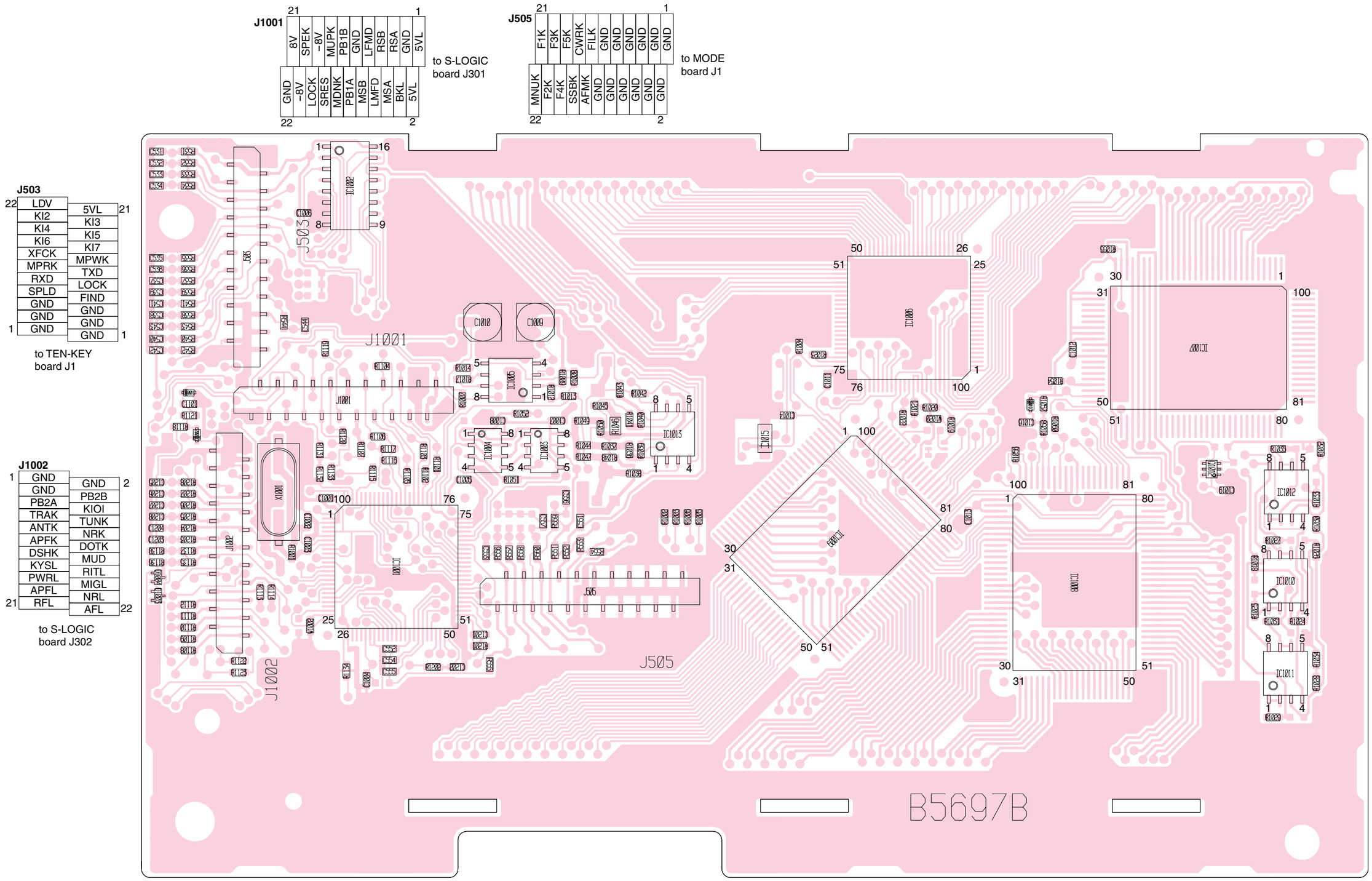
to MAIN unit J180

9-2 DISPLAY BOARD

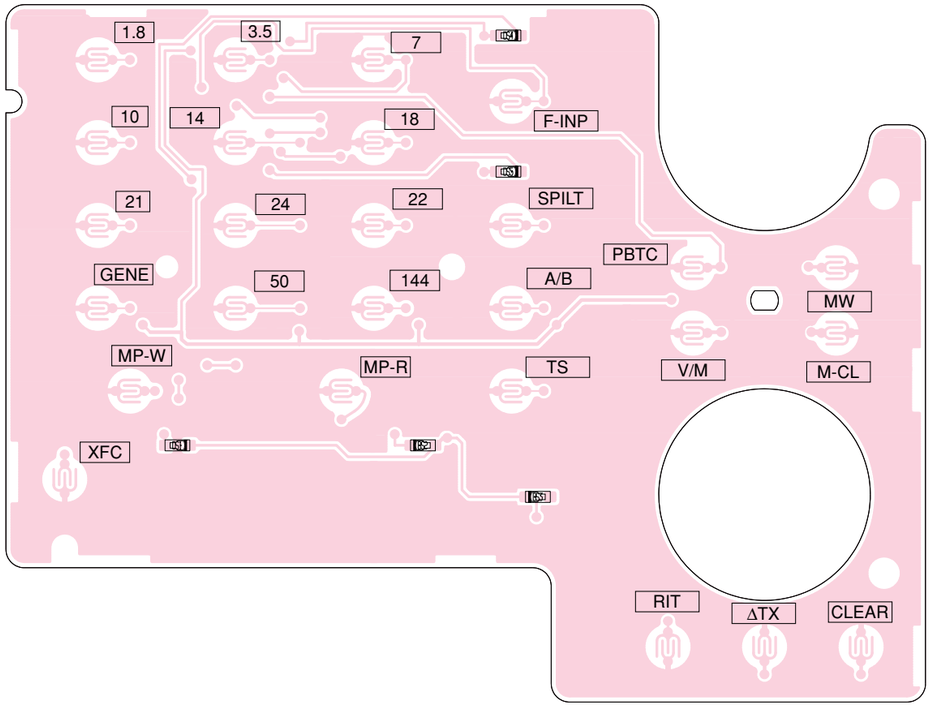
• TOP VIEW



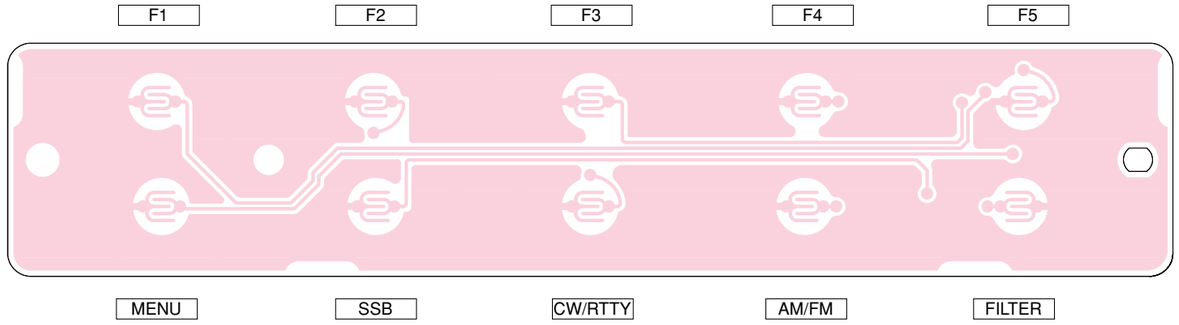
• **BOTTOM VIEW (DISPLAY BOARD)**



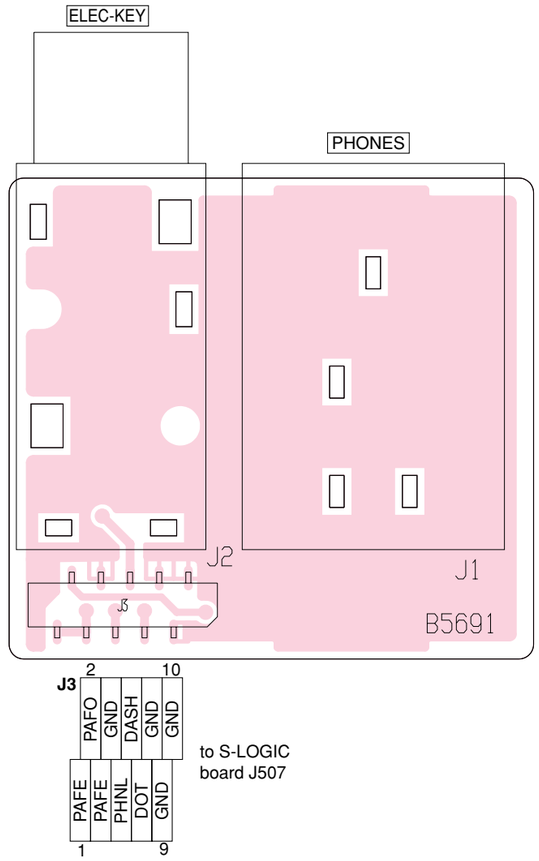
9-3 TEN-KEY BOARD
• TOP VIEW



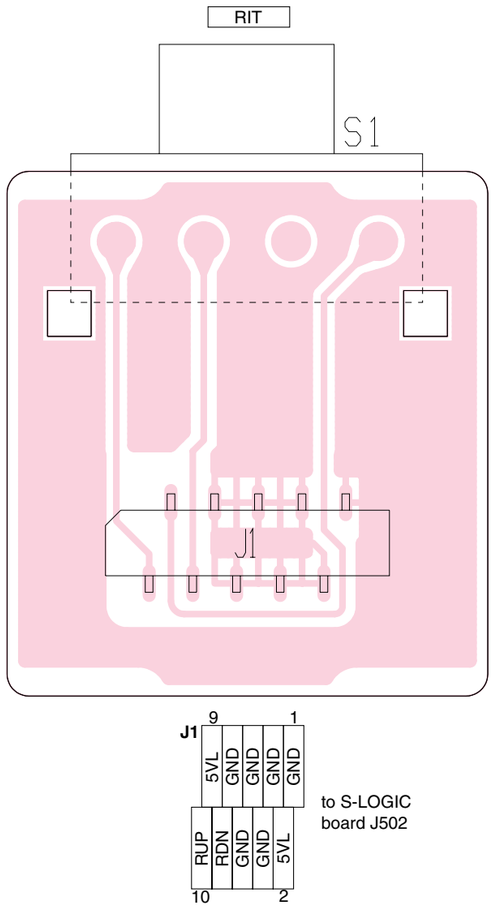
9-4 MODE BOARD
• TOP VIEW



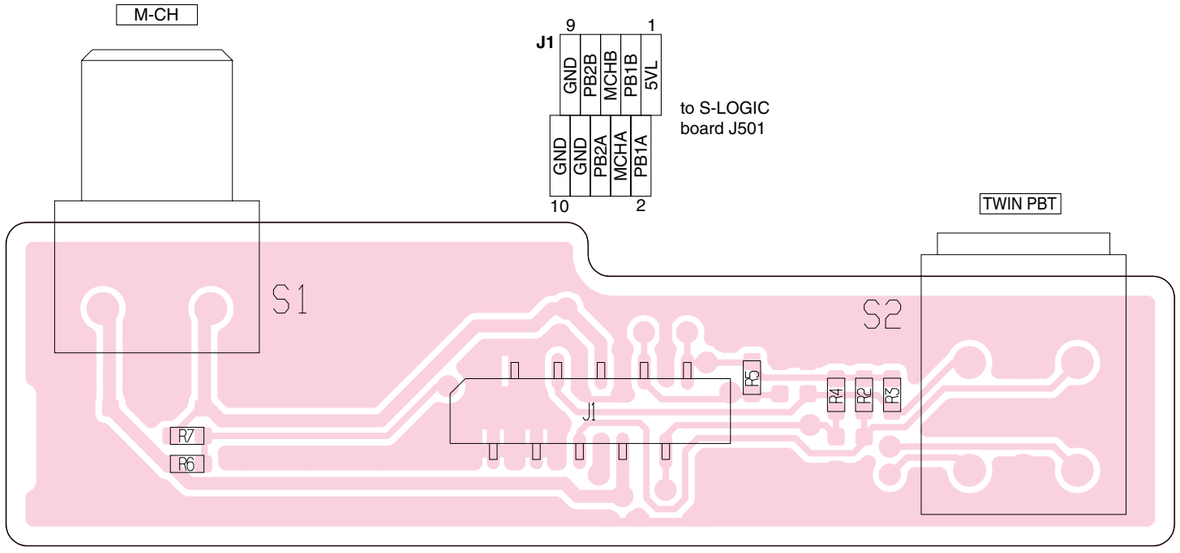
9-5 PHONE BOARD
• TOP VIEW



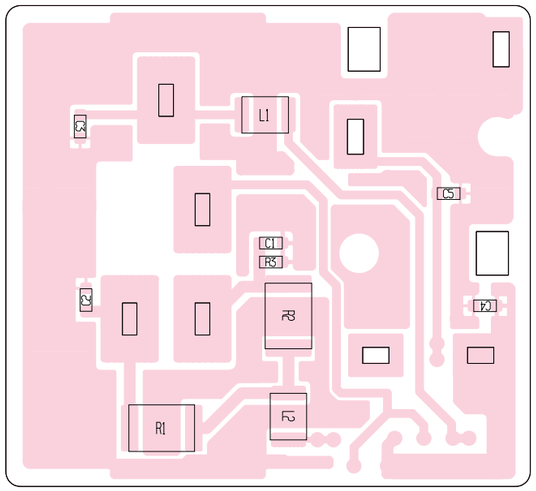
9-6 RIT BOARD



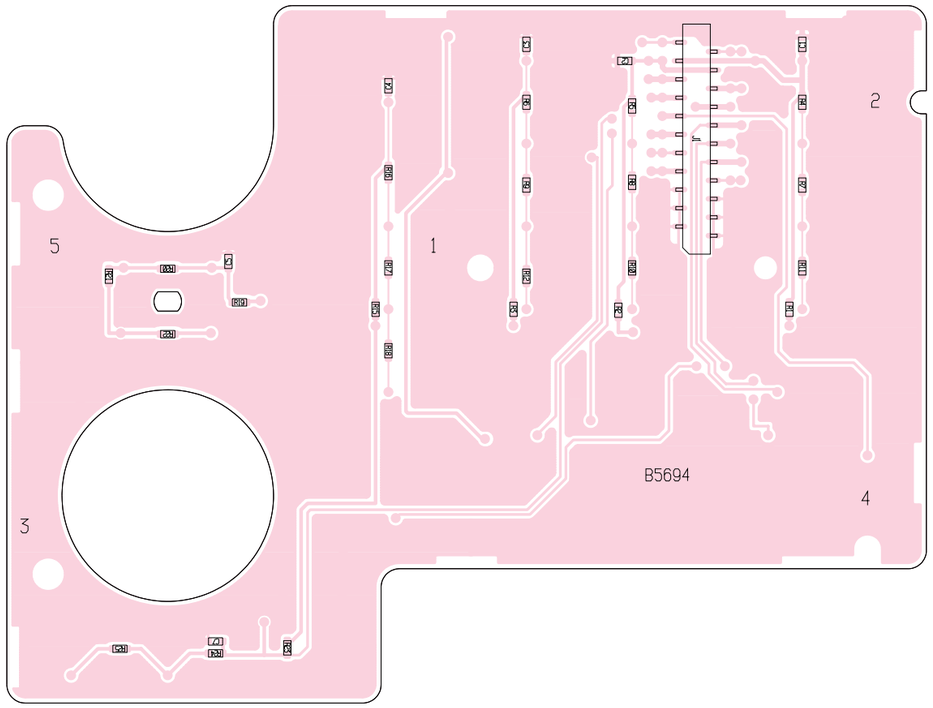
9-7 PBT BOARD

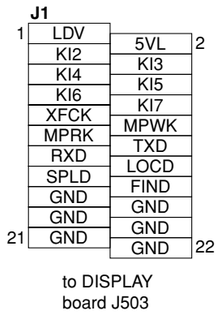


• BOTTOM VIEW (PHONE BOARD)

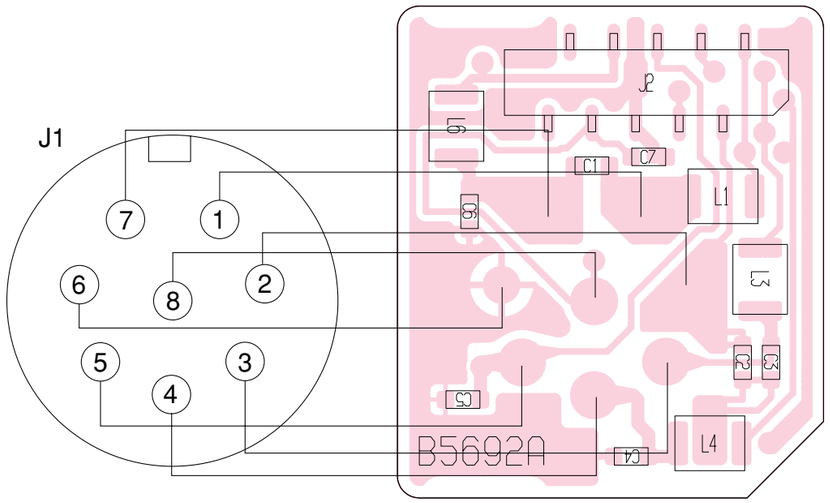


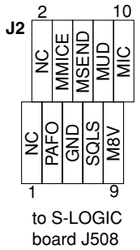
• BOTTOM VIEW (TEN-KEY BOARD)



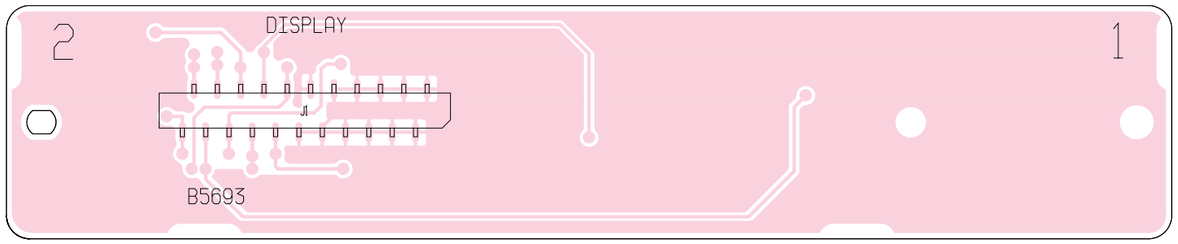


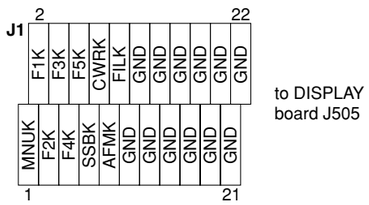
9-8 MIC BOARD





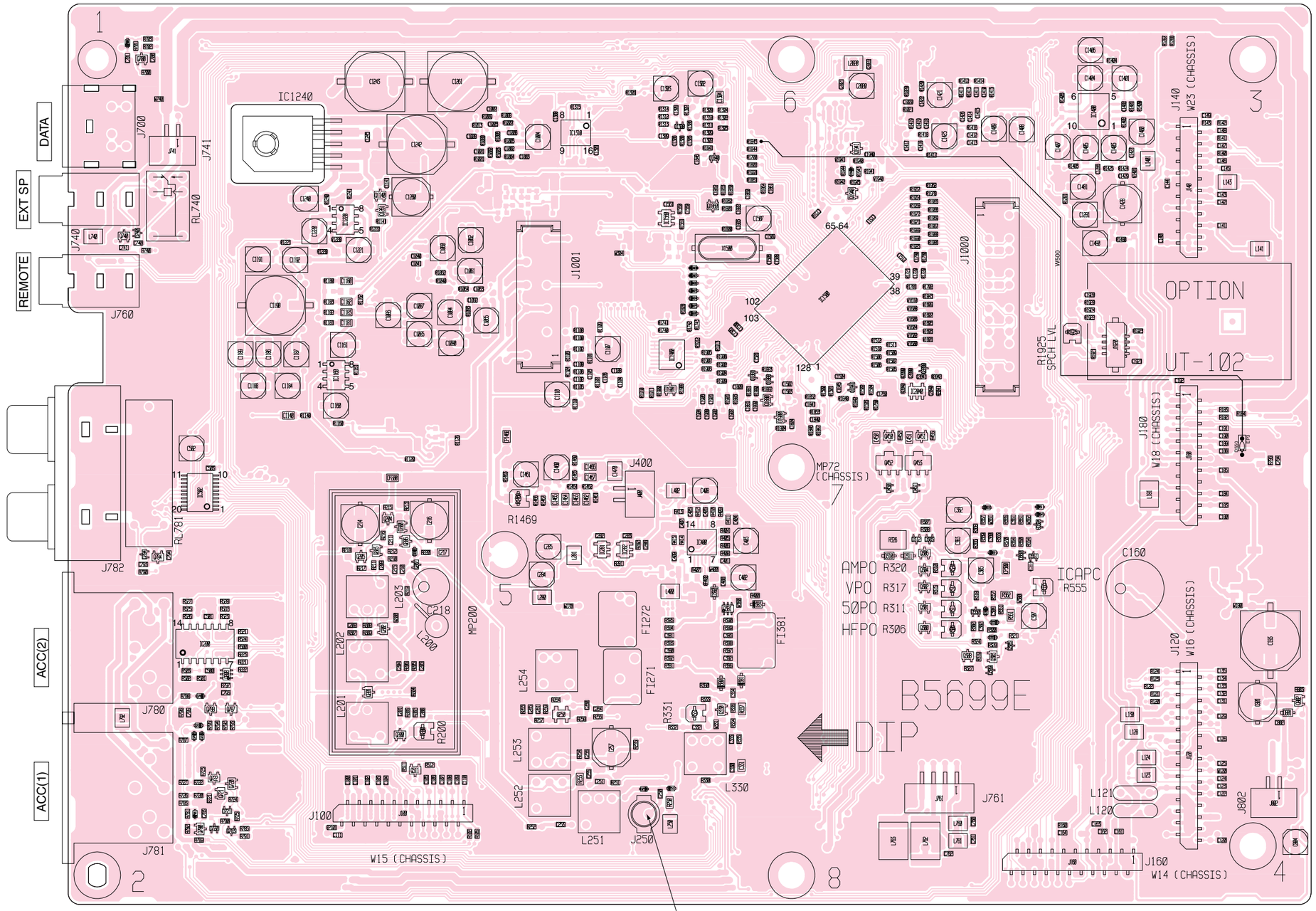
• BOTTOM VIEW (MODE BOARD)





9-9 MAIN UNIT

• TOP VIEW



J741

PAFE	SSP

to CTRL unit J13

J1001

22	GND	DTIF	21
	GND	GND	
	DRAF	GND	
	GND	GND	
	MONI	DAGC	
	GND	GND	
	8V	8V	
	GND	GND	
	GND	DTAF	
	GND	GND	
2	DRIF	GND	1

to DSP unit J901

J400

1	3LO
2	GND

to RF unit J1601

J140

1	CIKY	CIST	2
	GND	CANT	
	GND	CDRS	
	GND	CREF	
	CFOR	GND	
	GND	C−8V	
	GND	C5V	
	C5V	NC	
	GND	CT8V	
	GND	C14V	
21	C14V	C14V	22

to CTRL unit J7

J1000

1	GND	NC	2
	GND	GND	
	DRQW	DWBY	
	DCK	DDTW	
	GND	GND	
	DRQR	DDTR	
	DRBY	DSTR	
	GND	GND	
	CTFL	NSQL	
	TOFF	RTDT	
	VSQL	DCBY	
	NC	NC	
	GND	GND	
	DSKY	DSST	
29	DRES	GND	30

to DSP unit J902

J1920

2	SSTB	MDAT_UT	1
	MCK_UT	SBSY	
	SPCE	5VL	
8	SPCH	GND	7

to optional unit UT-102

J180

1	FSPS	PAFO	2
	PAFE	FLFM	
	FLMF	GND	
	FDRS	FPWK	
	SQL	SEND	
	MICE	MIC	
	GND	−8V	
	GND	GND	
	5VL	5VL	
	GND	8V	
21	GND	14V	22

to S-LOGIC board J601

J120

1	PPWS	PDRS	2
	PFSB	PMDT	
	PMCK	P5V	
	P5V	PH5V	
	THML	P8V	
	P8V	GND	
	PT8V	GND	
	PVRF	FVFR	
	GND	PGND	
	PICL	PICH	
	P14A	P14A	
	P14V	P14V	
	P14V	P14V	
	P14V	P14V	
29	P14V	PHV	30

to PA unit J5

J100

14V	−8V
8V	GND
T8V	GND
R8V	GND
5V	GND
ALC	GND
TNV2	AGC
RTXS	TNV1
DRIV	RSKY
RBST	RDRS
RMCK	RMDT

21 … 1 / 22 … 2

to RF unit J2

J761

EGND	E14V
EST	EKY

4 … 1

to CHASSIS J1

J160

PCK	CON2
PST5	PDAT
PST3	PST4
PST1	PST2
GND	LDRS
GND	UNLC
5V	GND
GND	5V
8V	8V
14V	GND
FCNT	14V

21 … 1 / 22 … 2

to RF unit J1001

J802

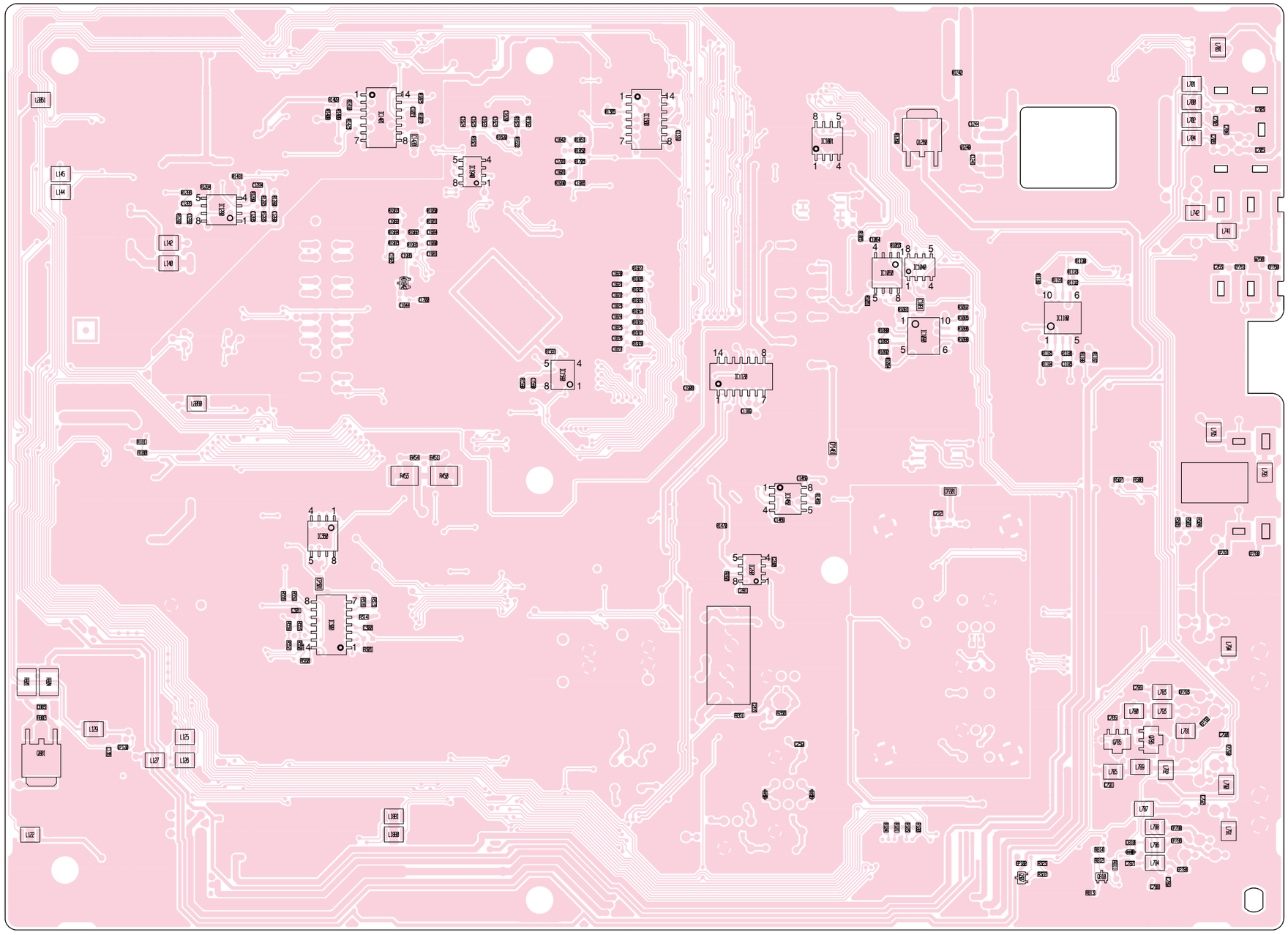
GND	MF+

2 … 1

to CHASSIS MF1

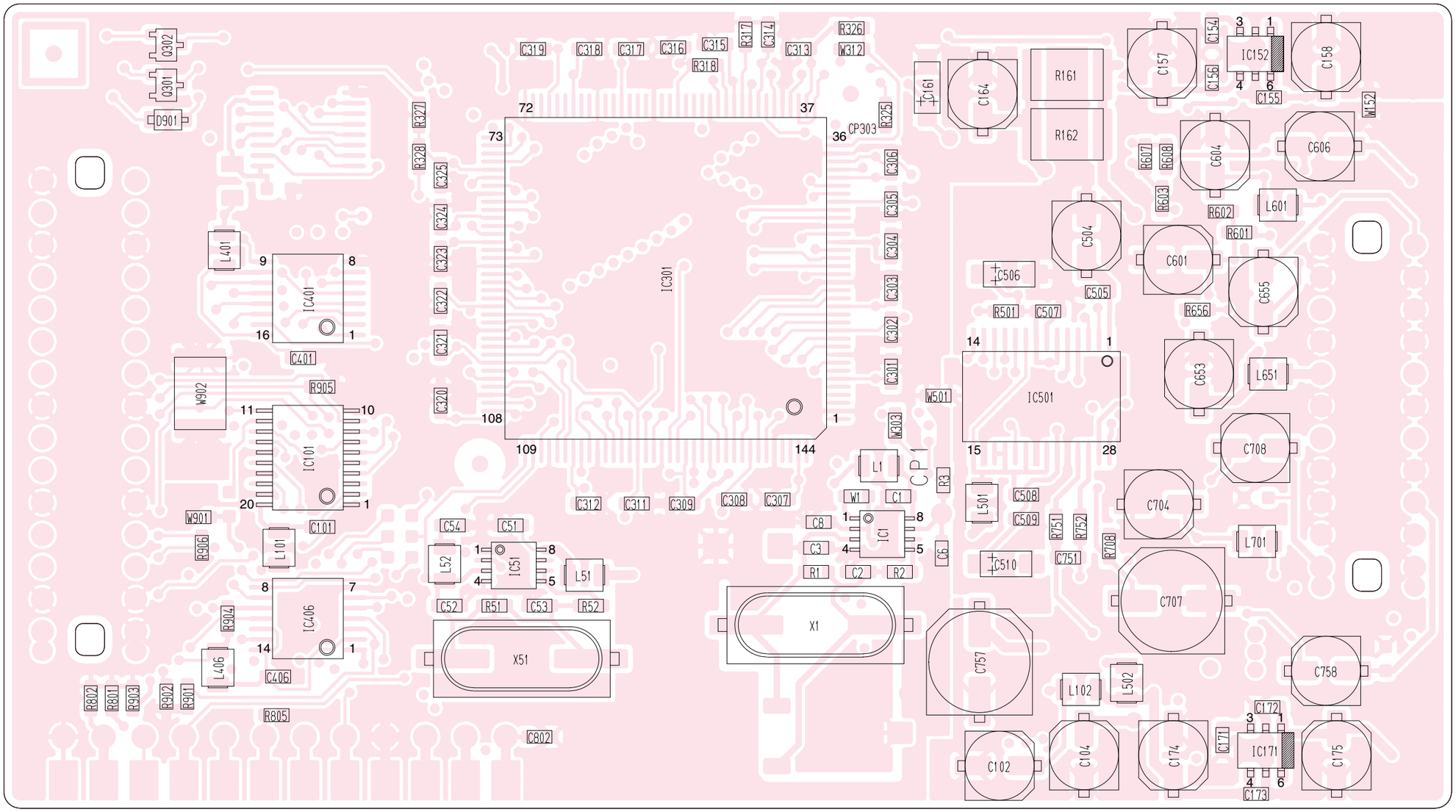
2IF — P261 — from RF unit J261

• **BOTTOM VIEW (MAIN UNIT)**

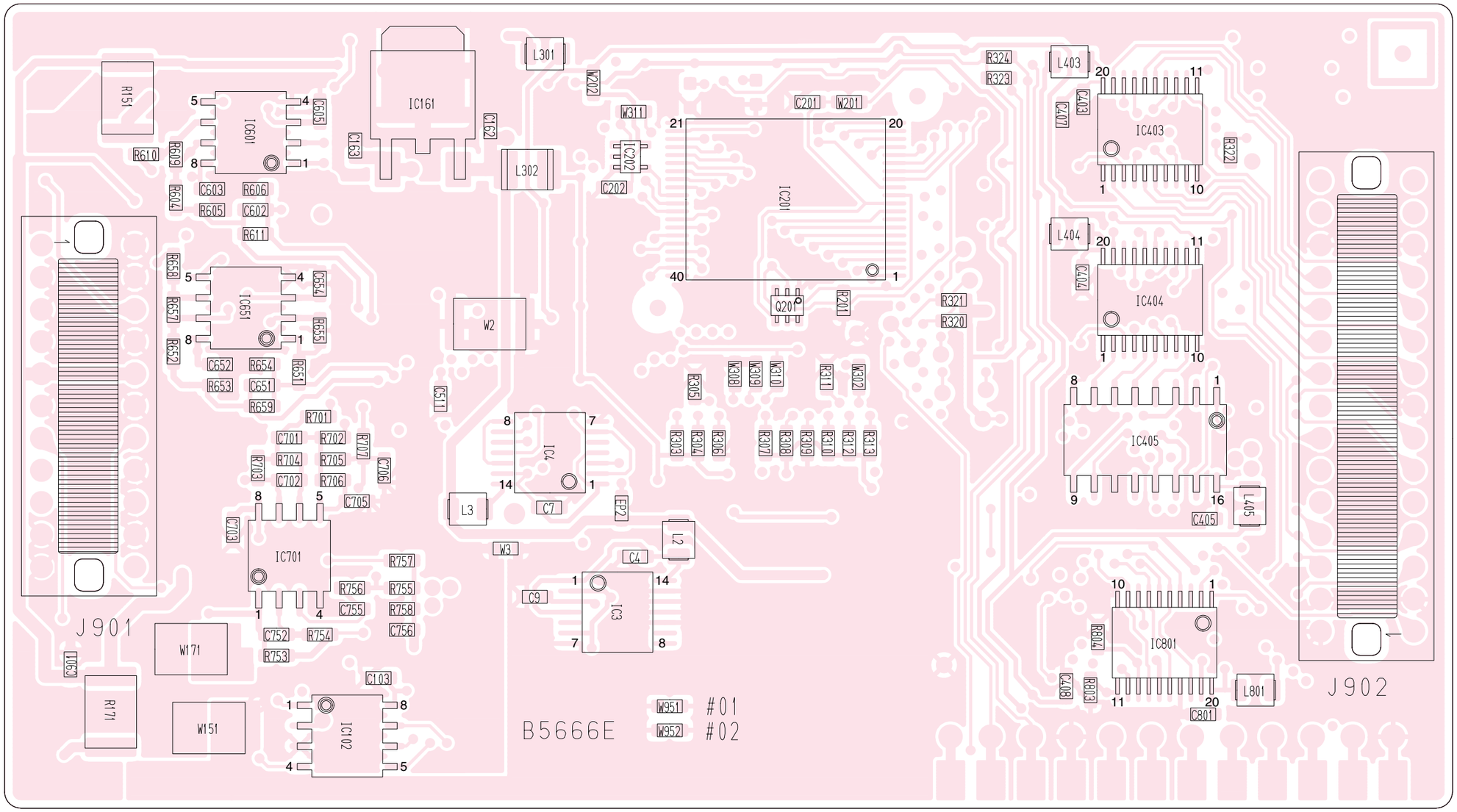


9-10 DSP UNIT

• TOP VIEW



• **BOTTOM VIEW (DSP UNIT)**



MAIN unit J1001		
2	DRIF	GND	1
	GND	GND	
	GND	DTAF	
	GND	GND	
	8V	8V	
	GND	GND	
	MONI	DAGC	
	GND	GND	
	DRAF	GND	
	GND	GND	
22	GND	DTIF	21

J901

1	DSPI1	GND	2
	GND	GND	
	GND	DSPI2	
	GND	GND	
	8V	8V	
	GND	GND	
	AGC2	AGC1	
	GND	GND	
	DSPO1	GND	
	GND	GND	
21	GND	DSPO2	22

to MAIN unit J1001

J902

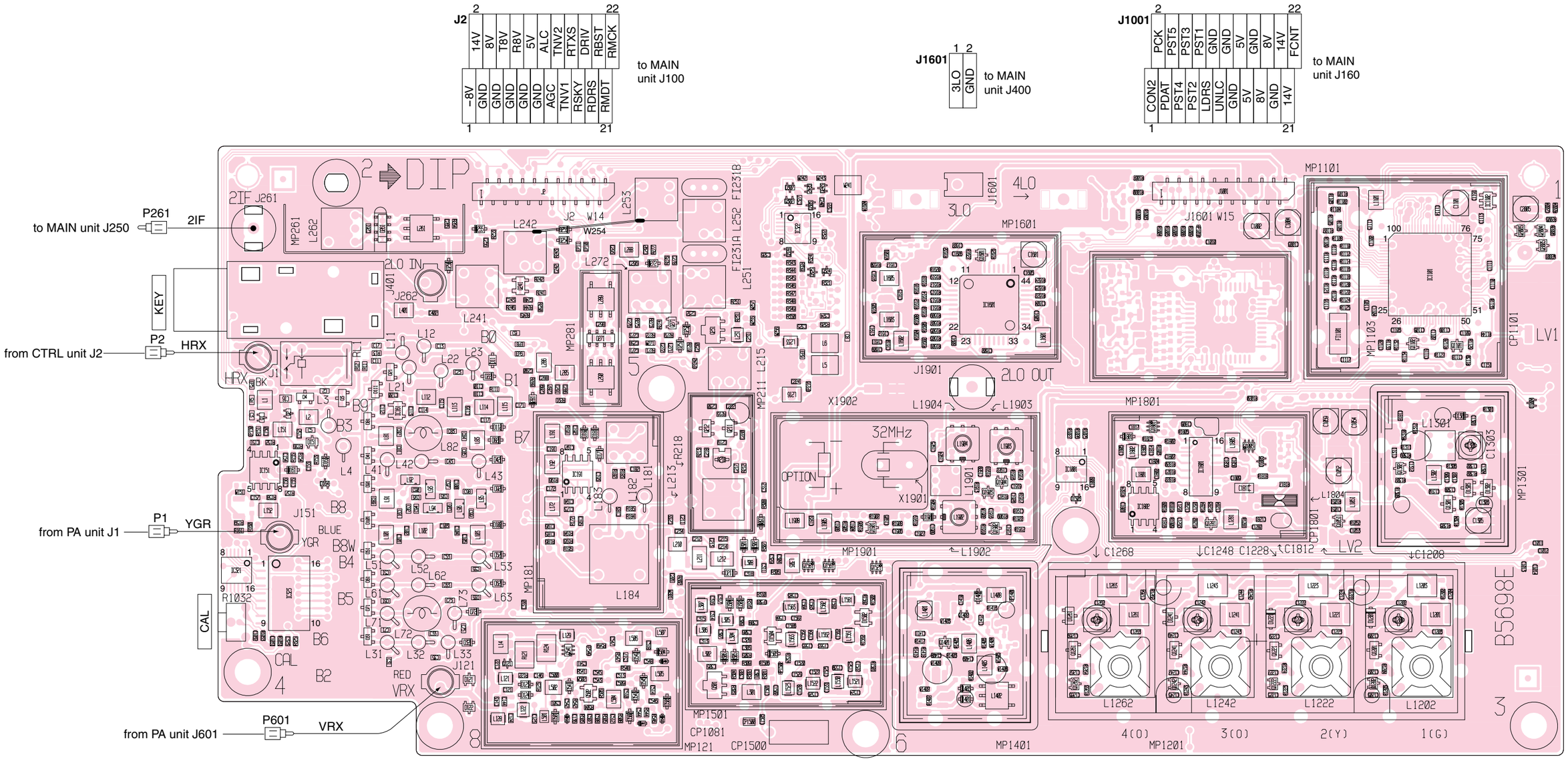
30	DRES	GND1	29
	KEYIN	UNLK	
	GND1	GND1	
	OUT7	OUT8	
	OUT5	OUT6	
	OUT3	OUT4	
	OUT1	OUT2	
	GND1	GND1	
	OBSY	STBO	
	RQO	DO	
	GND1	GND1	
	CK	DI	
	RQI	IBSY	
	GND1	GND1	
2	GND1	192K	1

to MAIN unit J1000

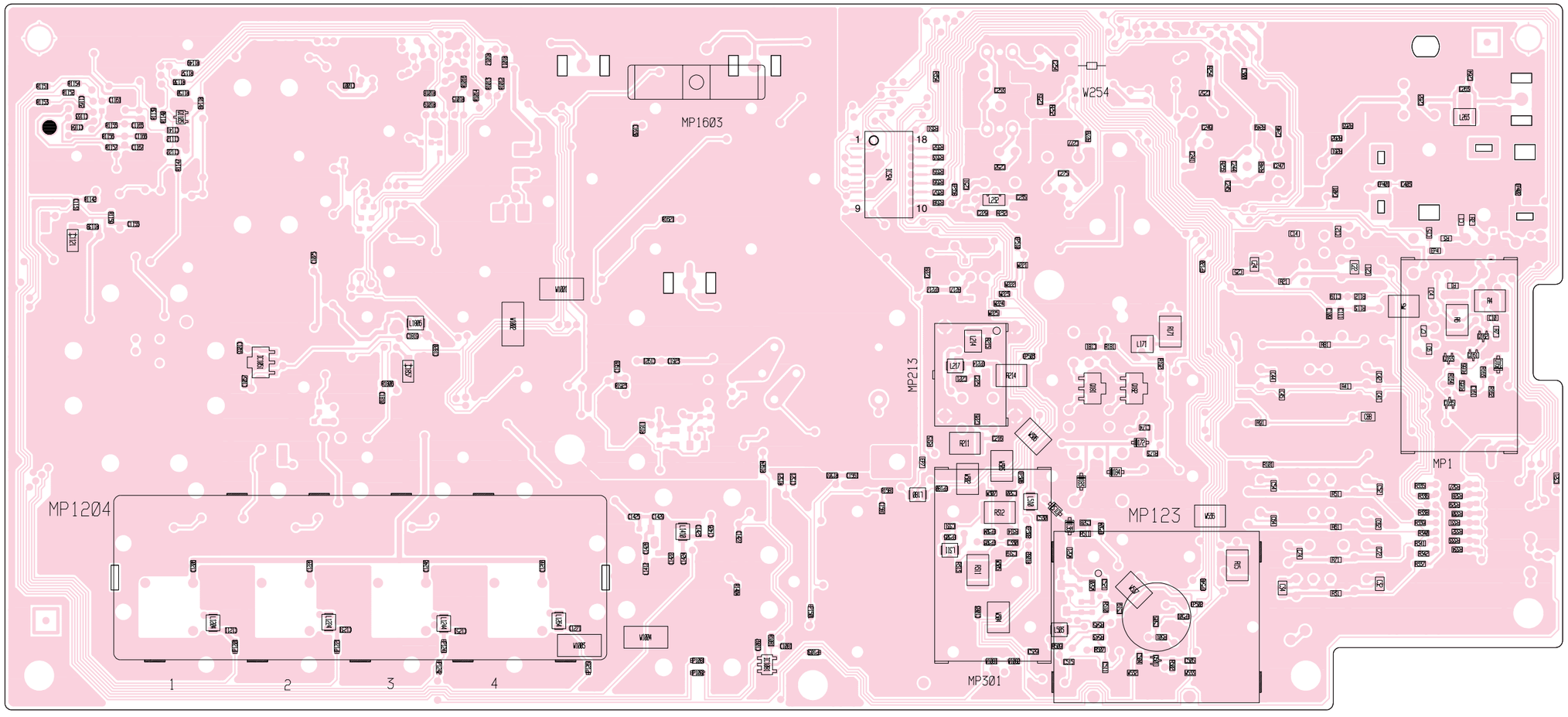
MAIN unit J1000			
29	DRES	GND	30
	DSKY	DSST	
	GND	GND	
	NC	NC	
	VSQL	DCBY	
	TOFF	RTDT	
	CTFL	NSQL	
	GND	GND	
	DRBY	DSTR	
	DRQR	DDTR	
	GND	GND	
	DCK	DDTW	
	DRQW	DWBY	
	GND	GND	
1	GND	NC	2

9-11 RF UNIT

• TOP VIEW

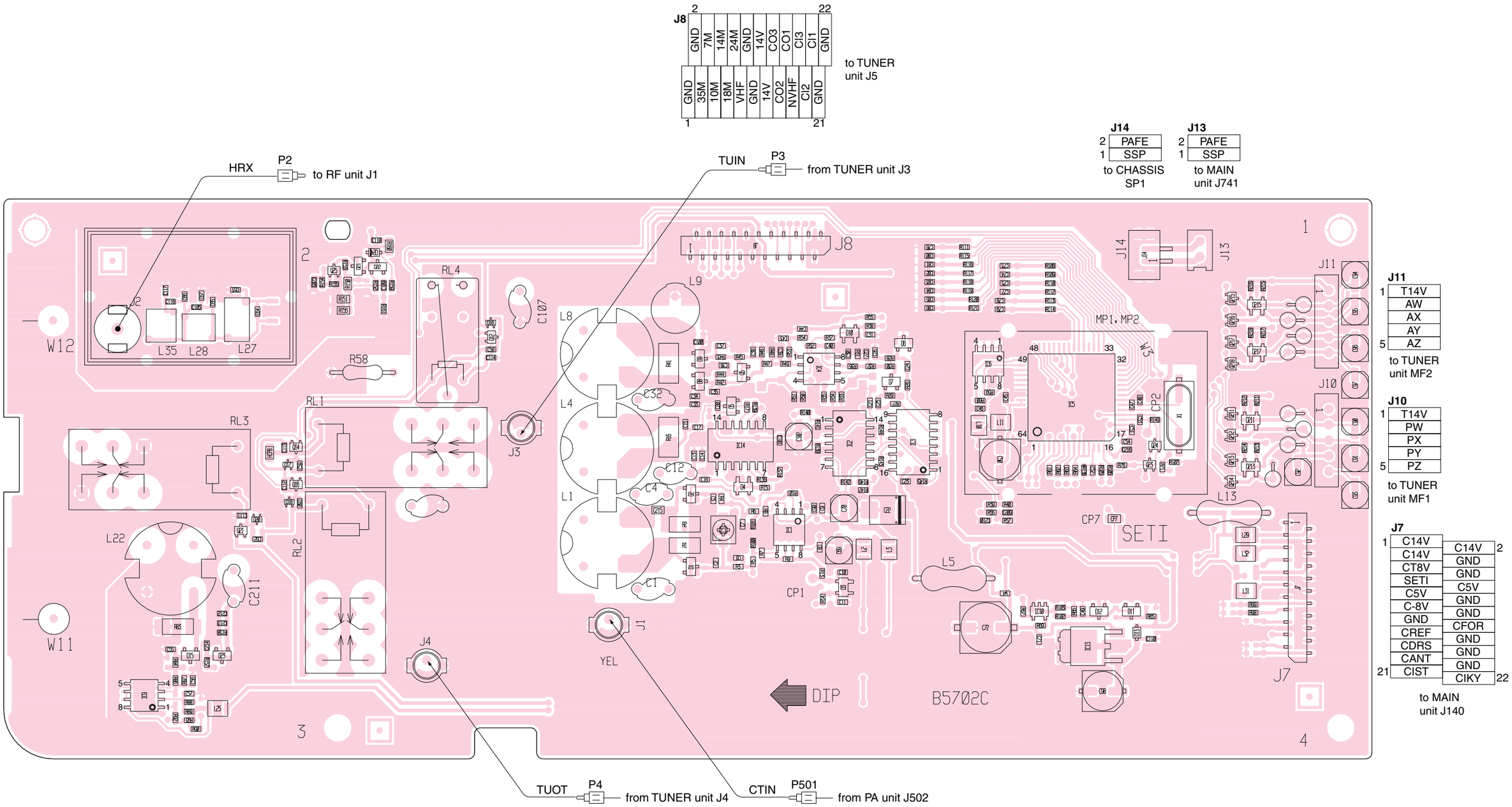


• **BOTTOM VIEW (RF UNIT)**

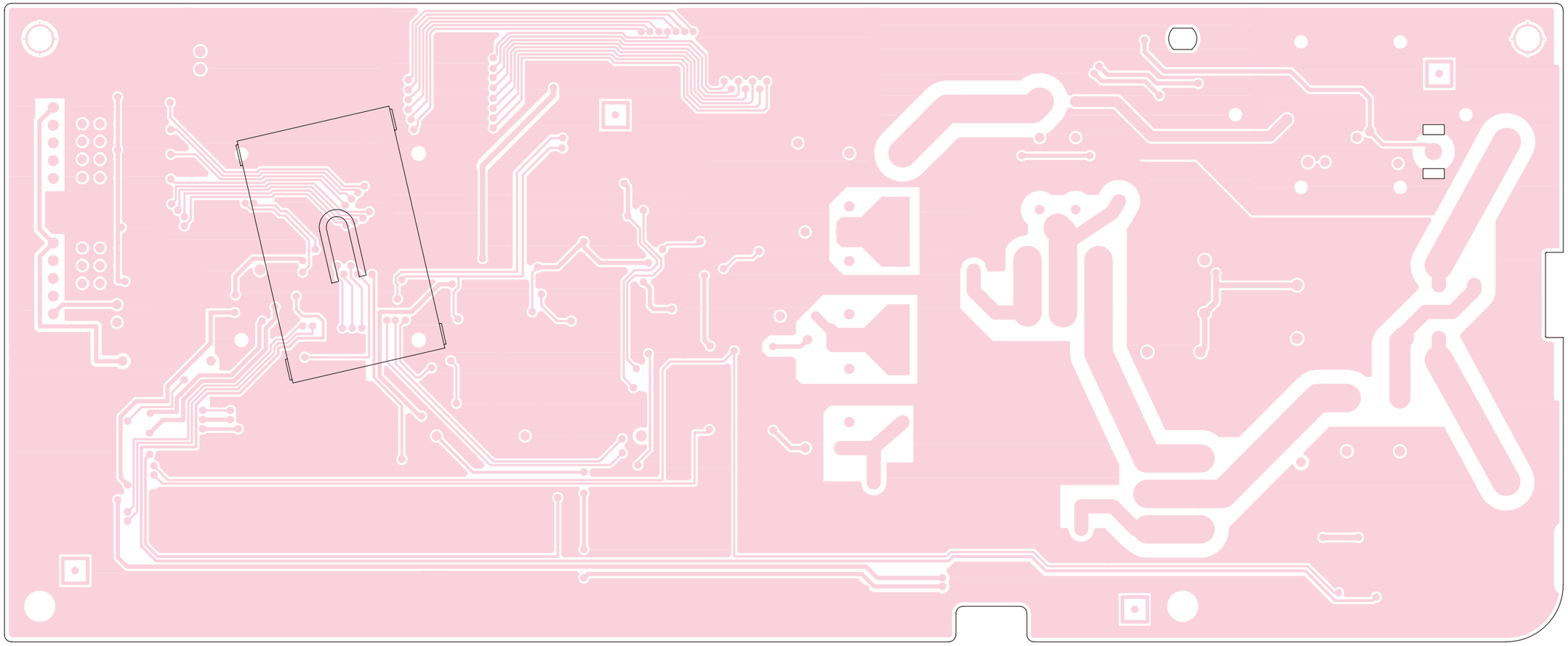


9-12 CTRL UNIT

• TOP VIEW

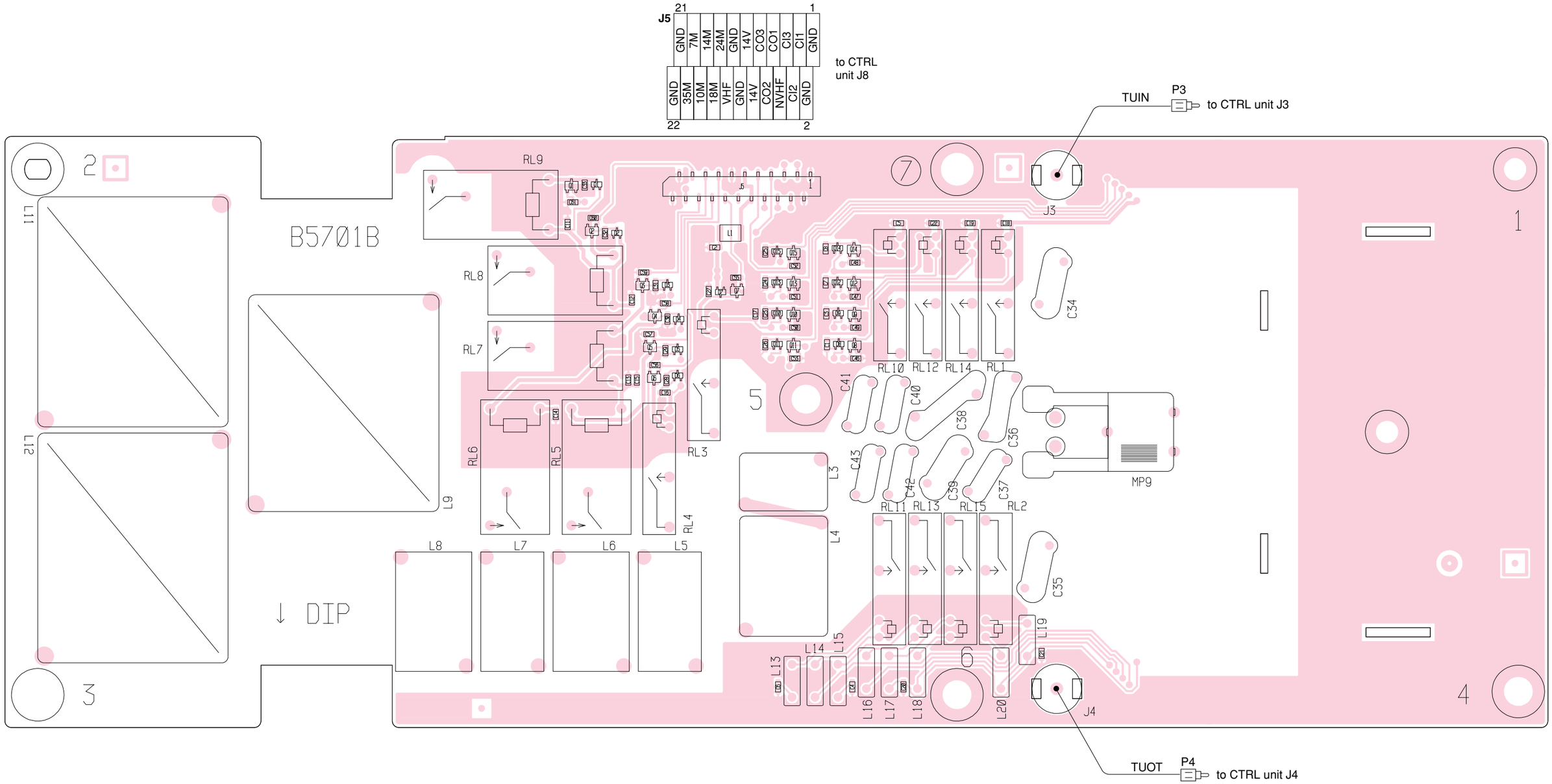


• **BOTTOM VIEW (CTRL UNIT)**

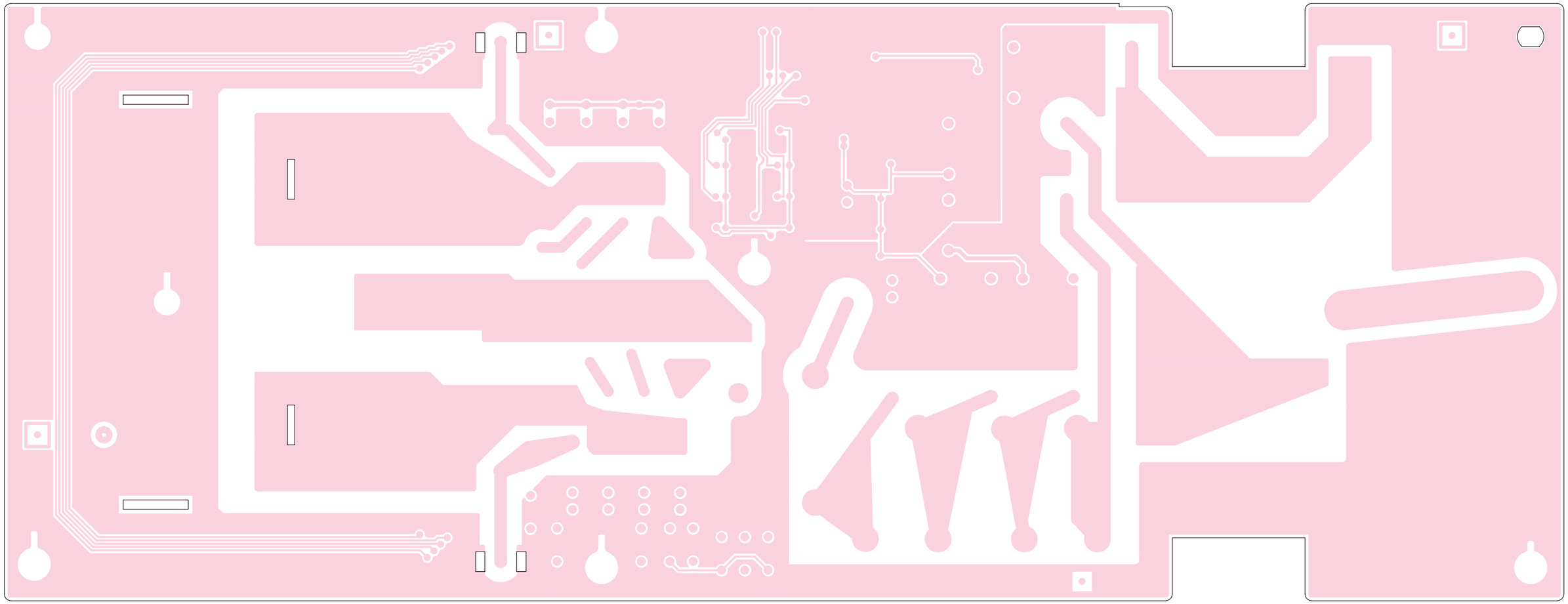


9-13 TUNER UNIT

• TOP VIEW

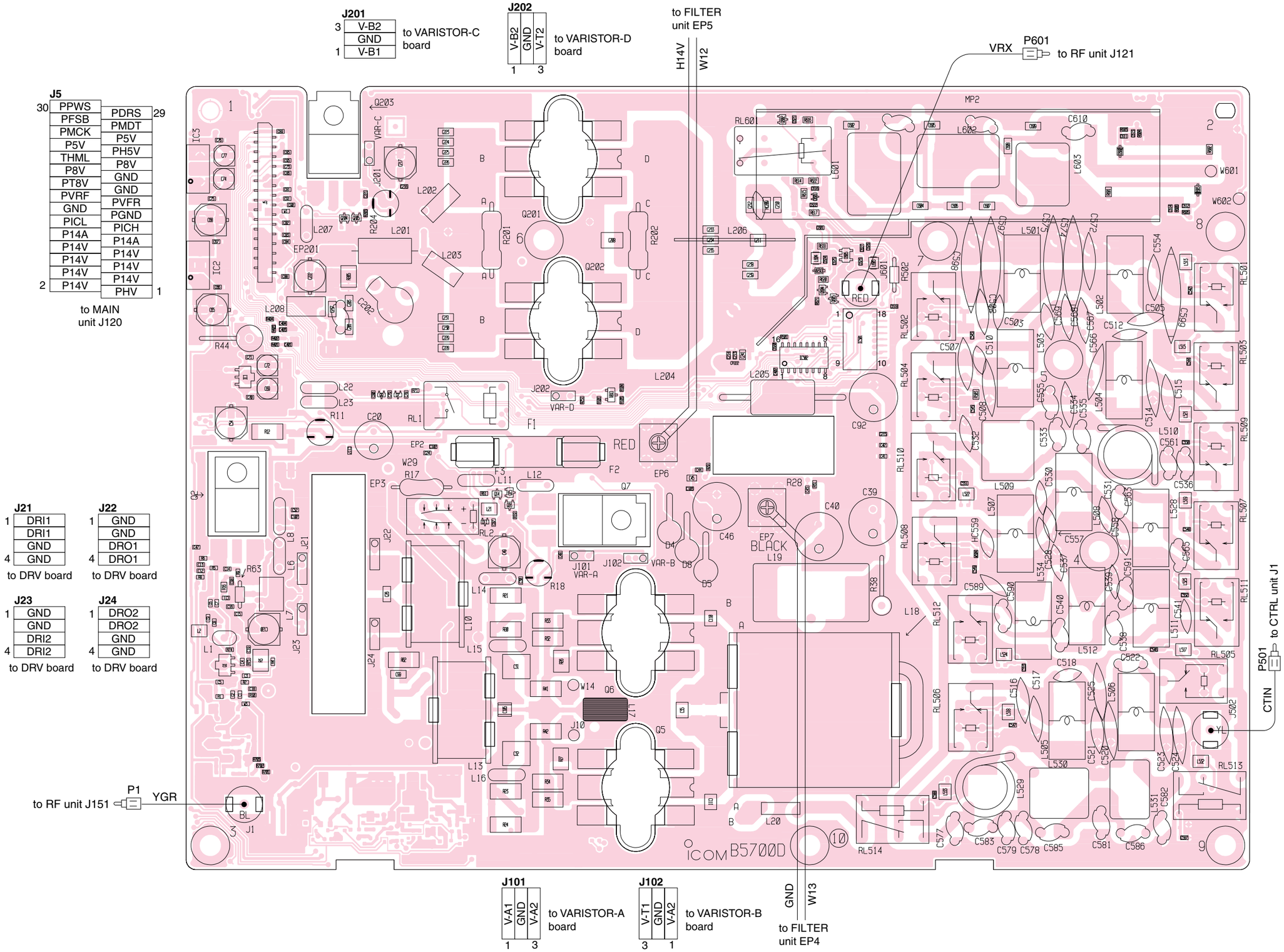


• **BOTTOM VIEW (TUNER UNIT)**

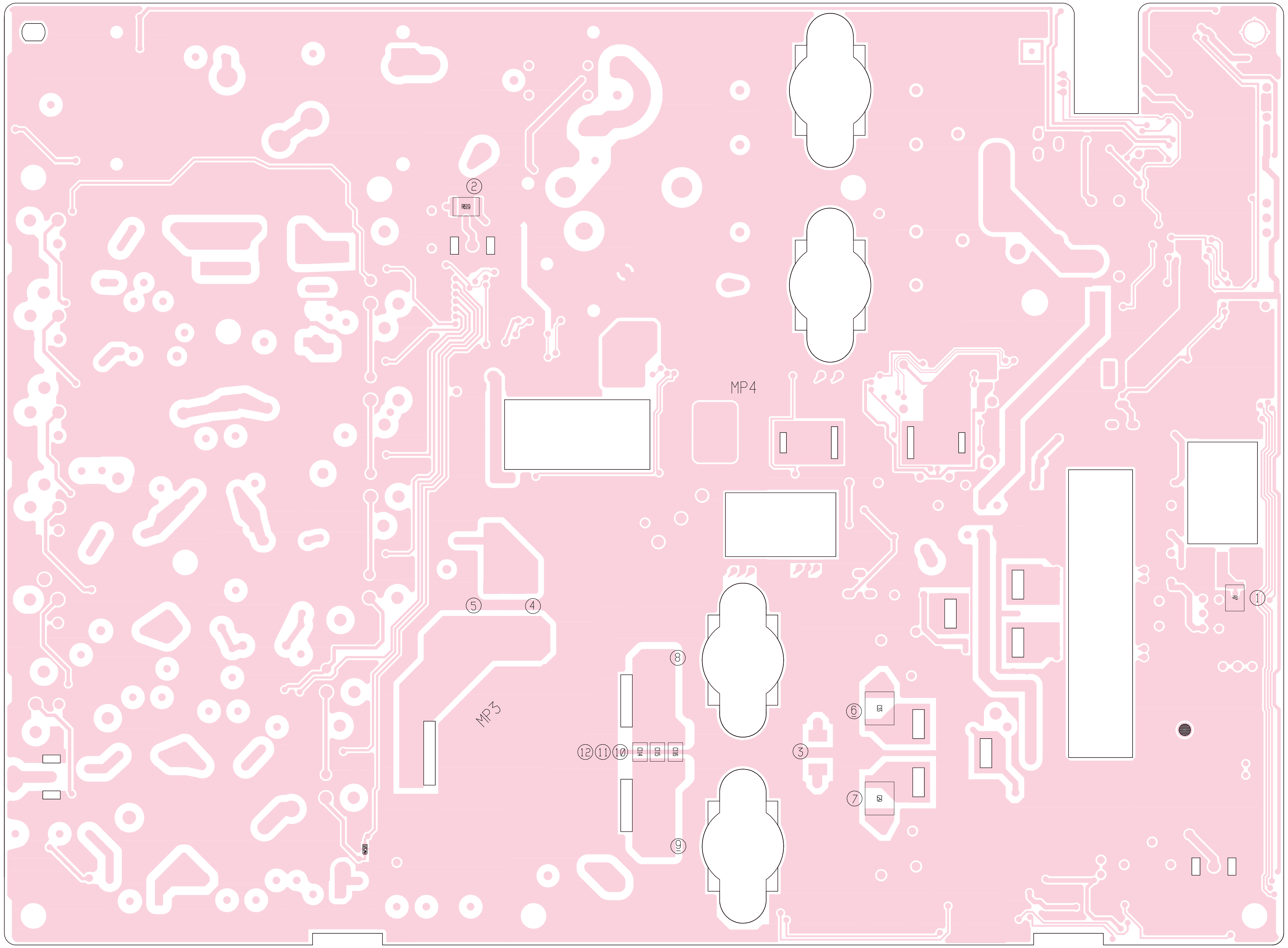


9-14 PA UNIT

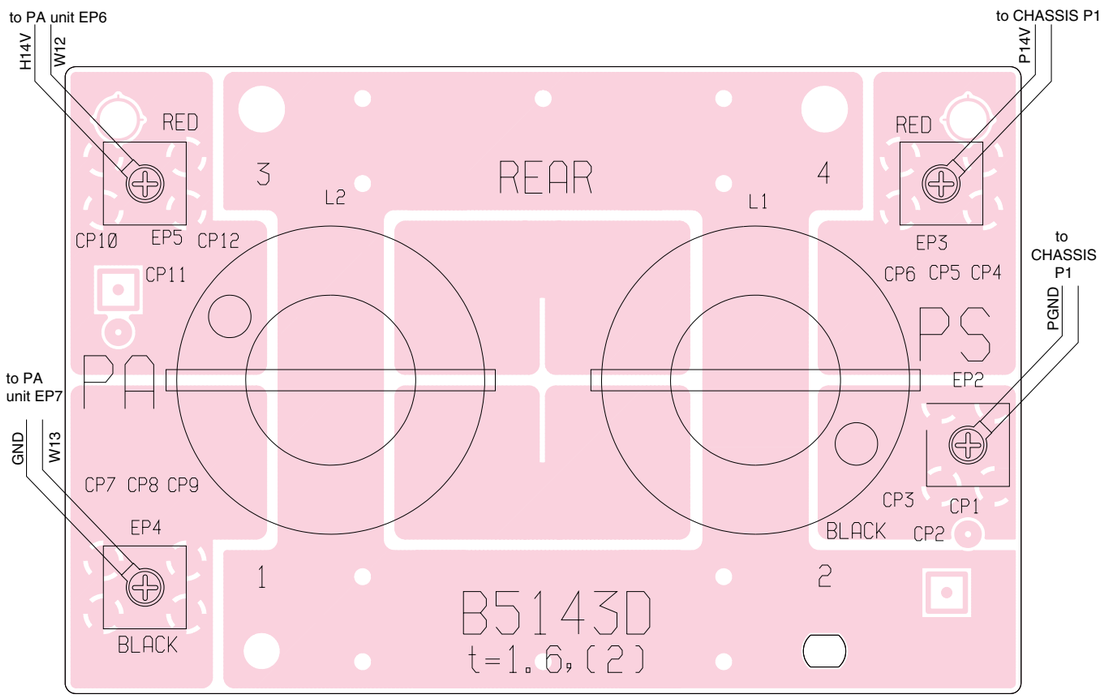
• TOP VIEW



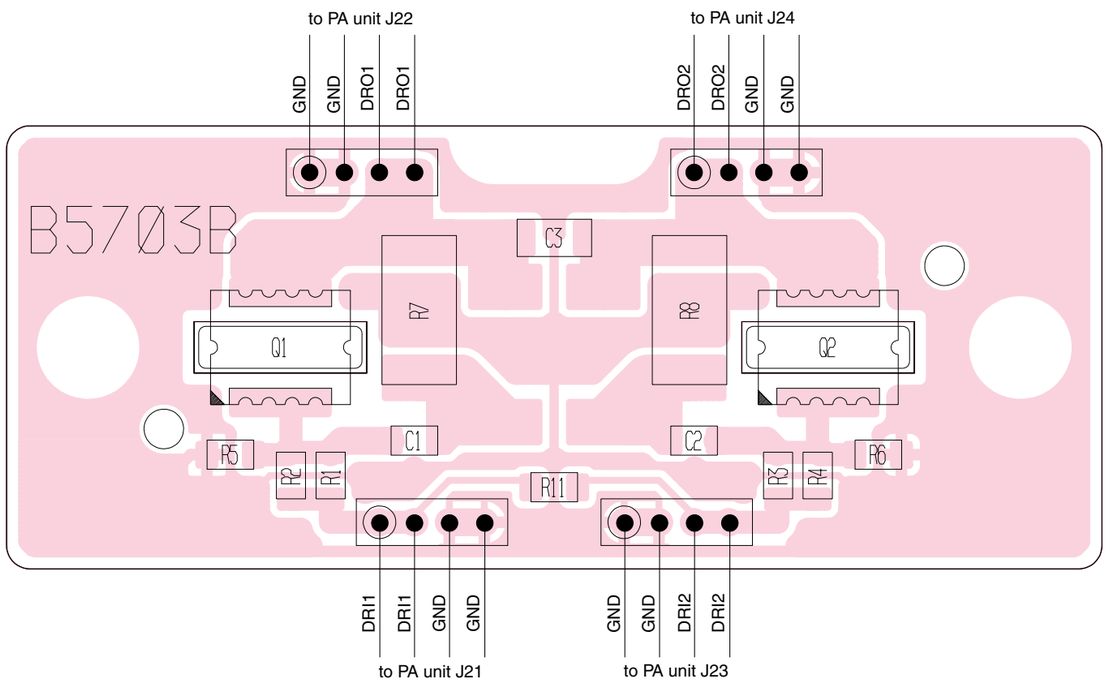
• **BOTTOM VIEW (PA UNIT)**



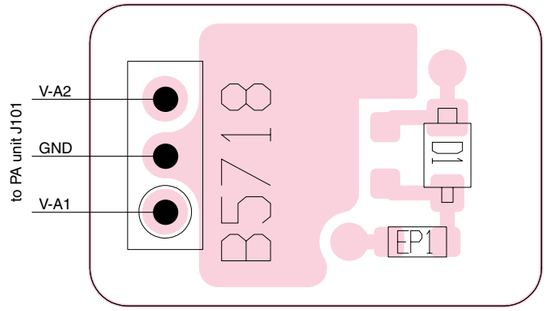
9-15 FILTER UNIT
• TOP VIEW



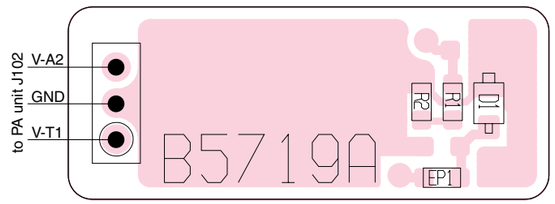
9-16 DRV BOARD
• TOP VIEW



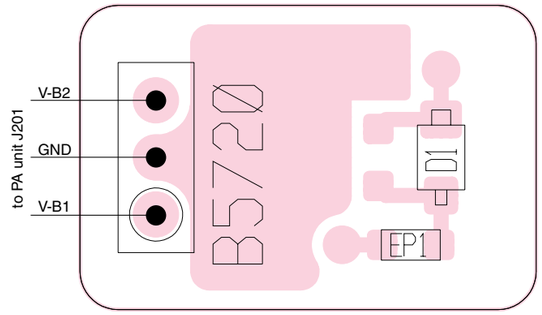
9-17 VARISTOR-A BOARD
• TOP VIEW



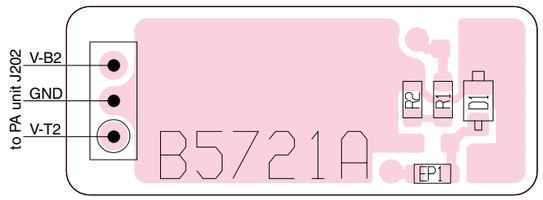
9-18 VARISTOR-B BOARD
• TOP VIEW



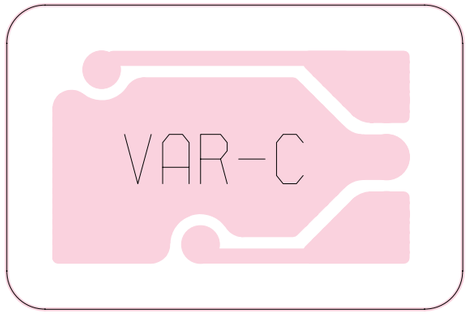
9-19 VARISTOR-C BOARD
• TOP VIEW



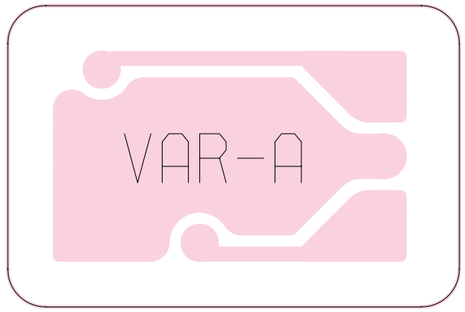
9-20 VARISTOR-D BOARD
• TOP VIEW



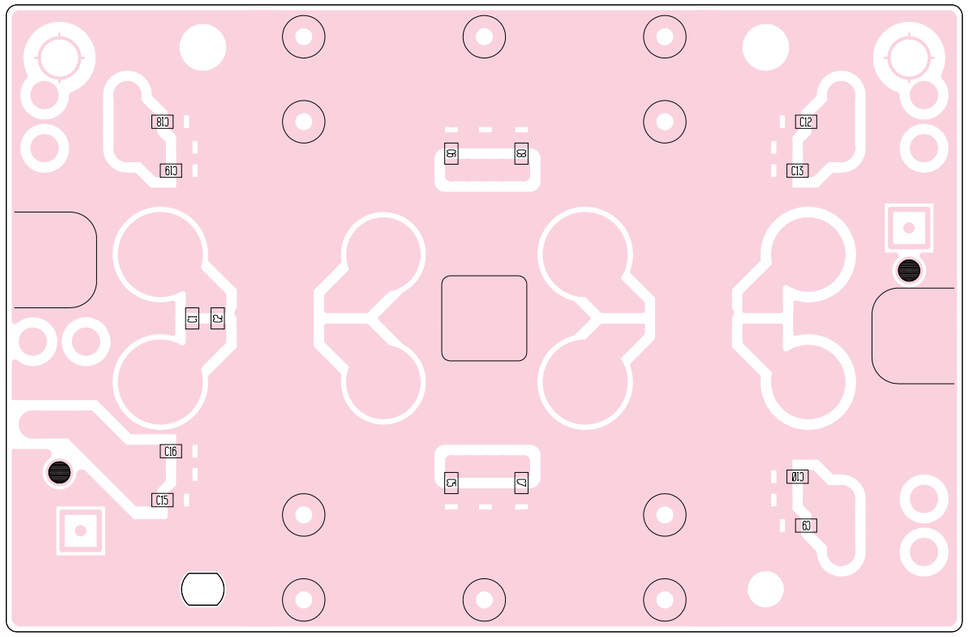
• **BOTTOM VIEW (VARSTOR-C BOARD)**



• **BOTTOM VIEW (VARSTOR-A BOARD)**



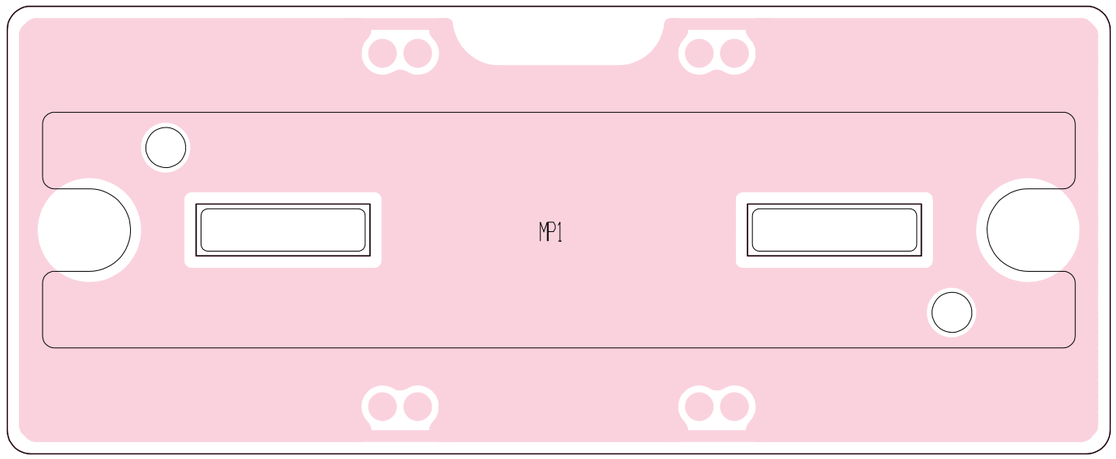
• **BOTTOM VIEW (FILTER UNIT)**



• **BOTTOM VIEW (VARSTOR-D BOARD)**

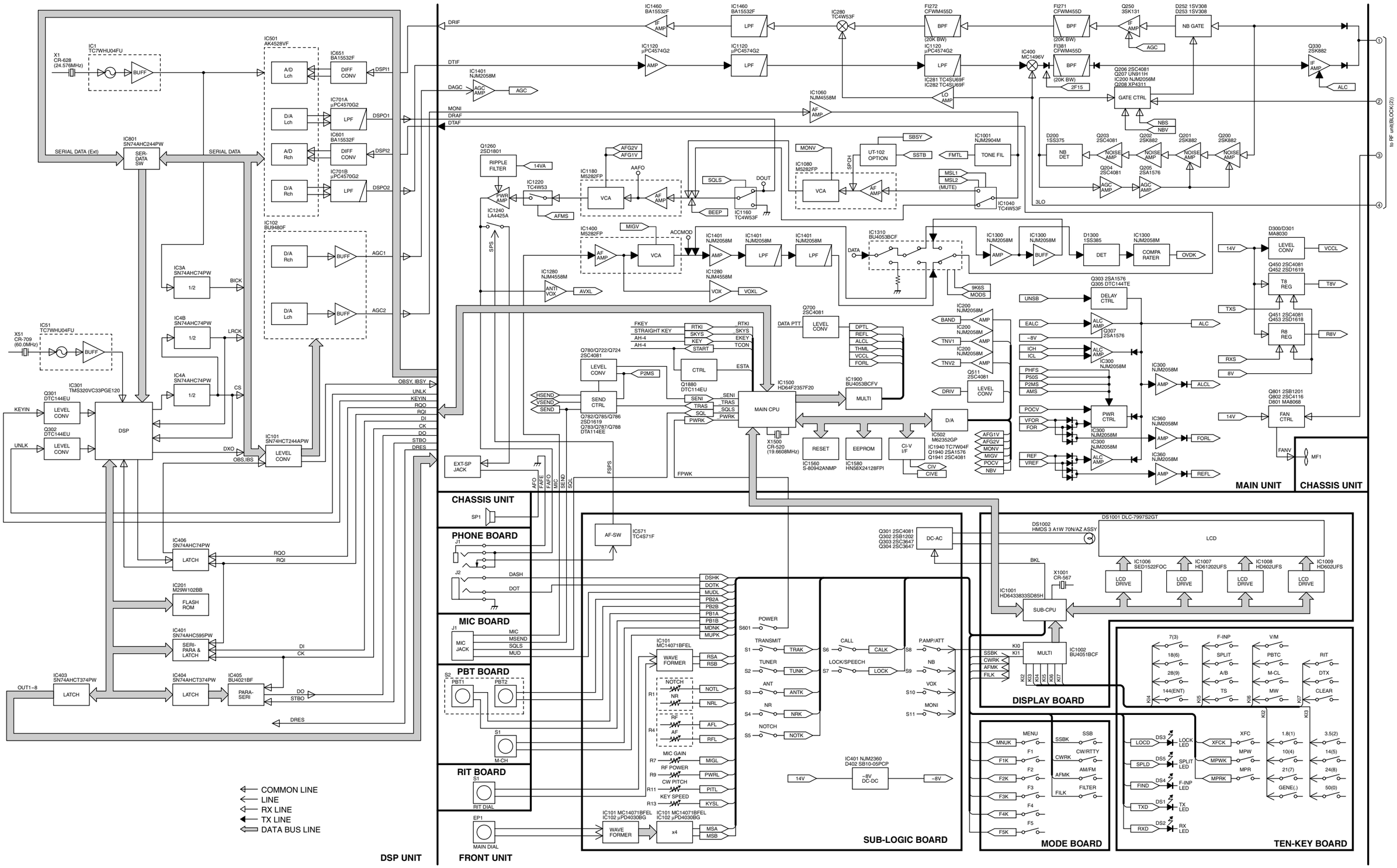
• **BOTTOM VIEW (VARSTOR-B BOARD)**

• **BOTTOM VIEW (DRV BOARD)**

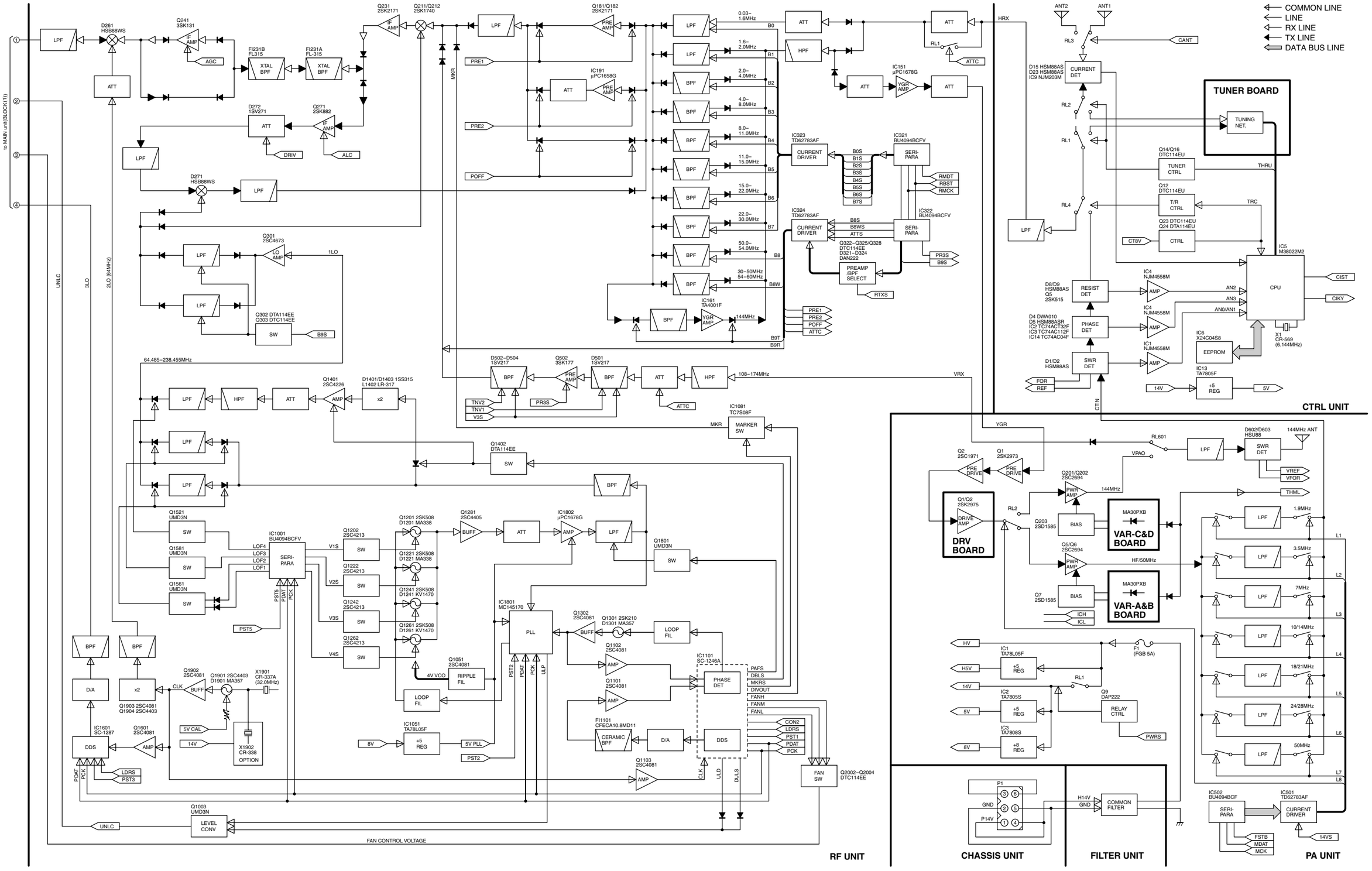


SECTION 10 BLOCK DIAGRAM

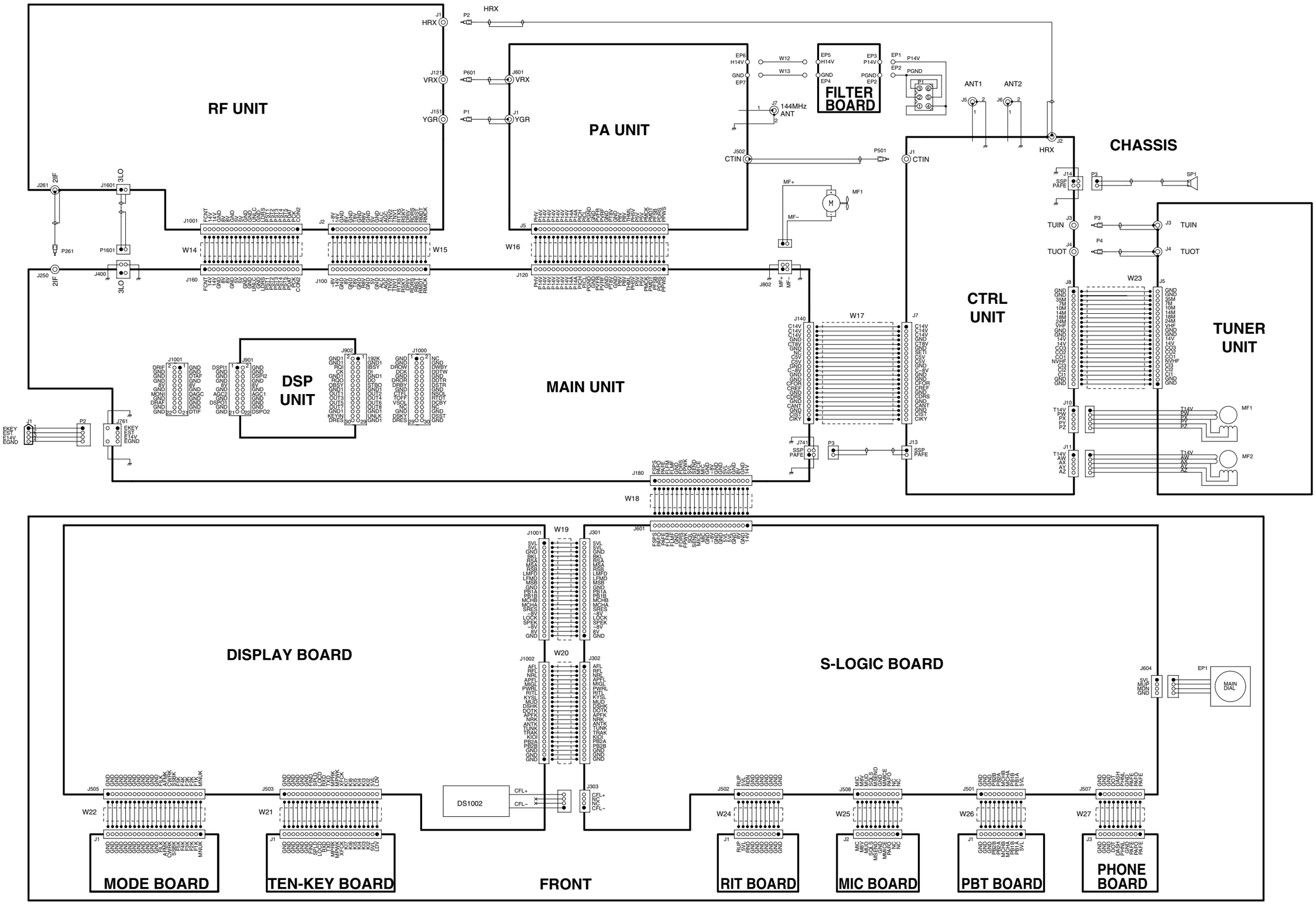
• **BLOCK (1)**



• BLOCK (2)

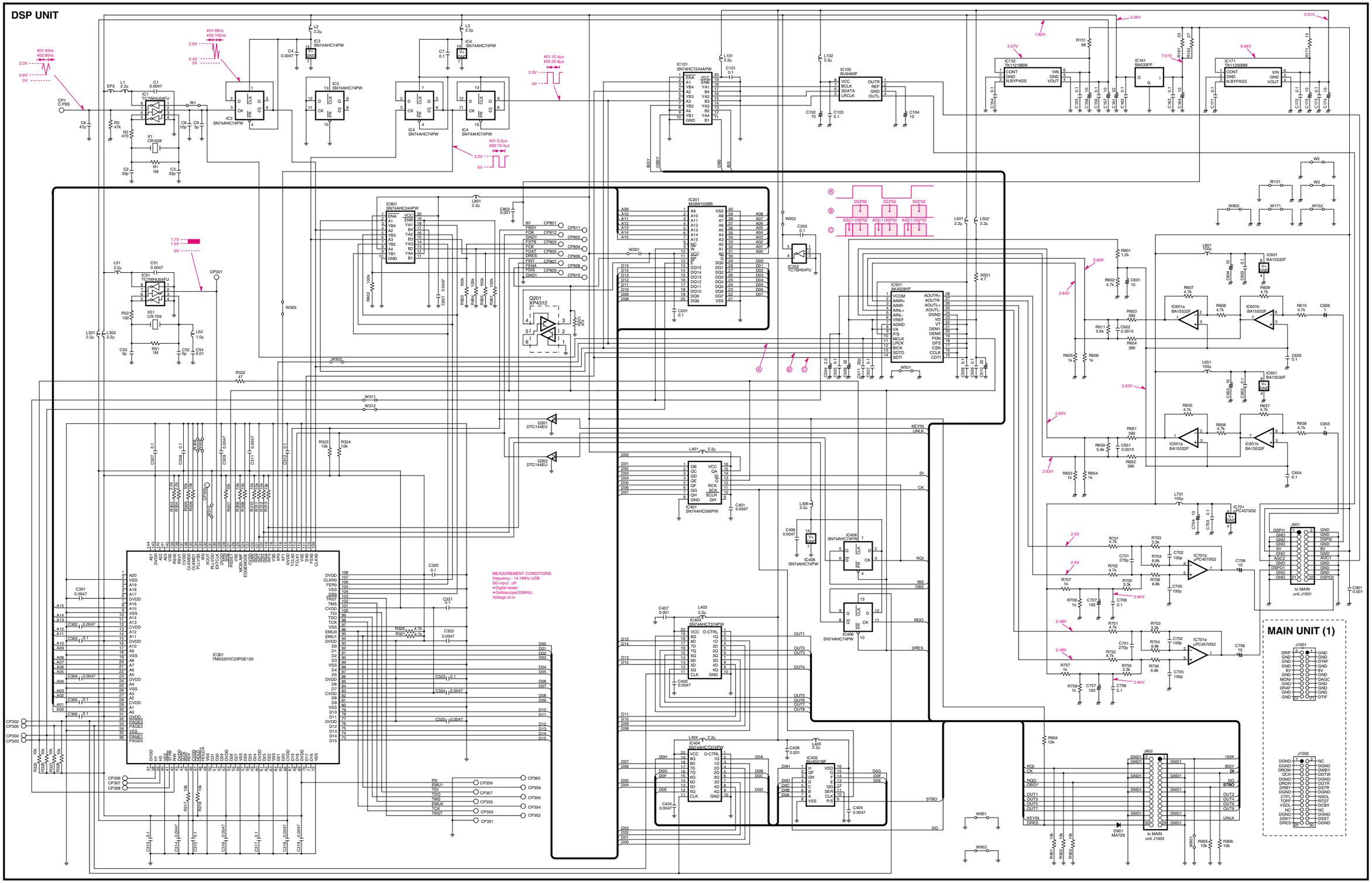

COMMON LINE
LINE
RX LINE
TX LINE
DATA BUS LINE
TUNER BOARD
CTRL UNIT
RF UNIT
CHASSIS UNIT
FILTER UNIT
PA UNIT
DRV BOARD
VAR-C&D BOARD
VAR-A&B BOARD
to MAIN unit(BLOCK(1))
FAN CONTROL VOLTAGE

SECTION 11 WIRING DIAGRAM

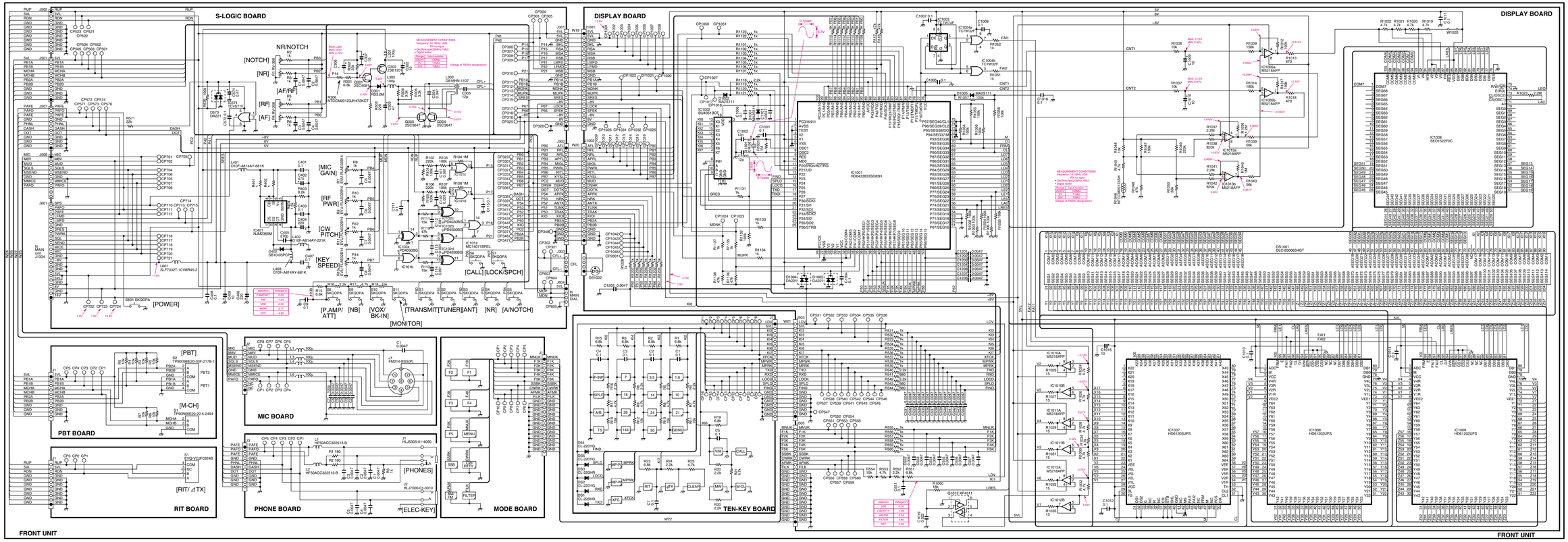


SECTION 12 VOLTAGE DIAGRAM

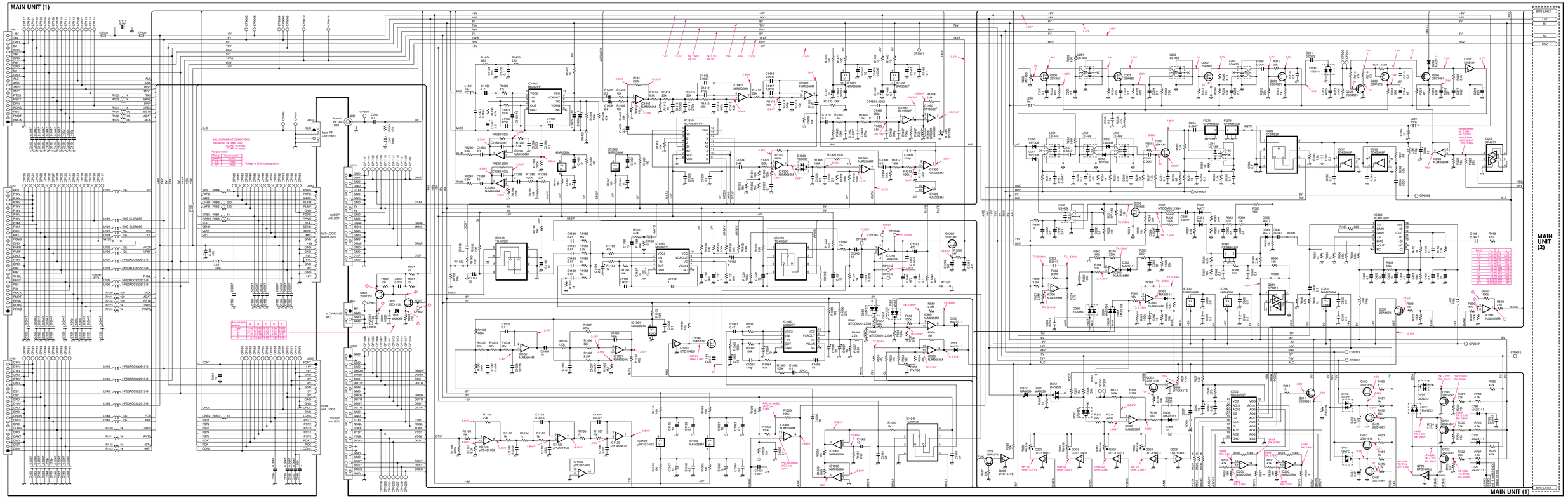
12-1 DSP UNIT



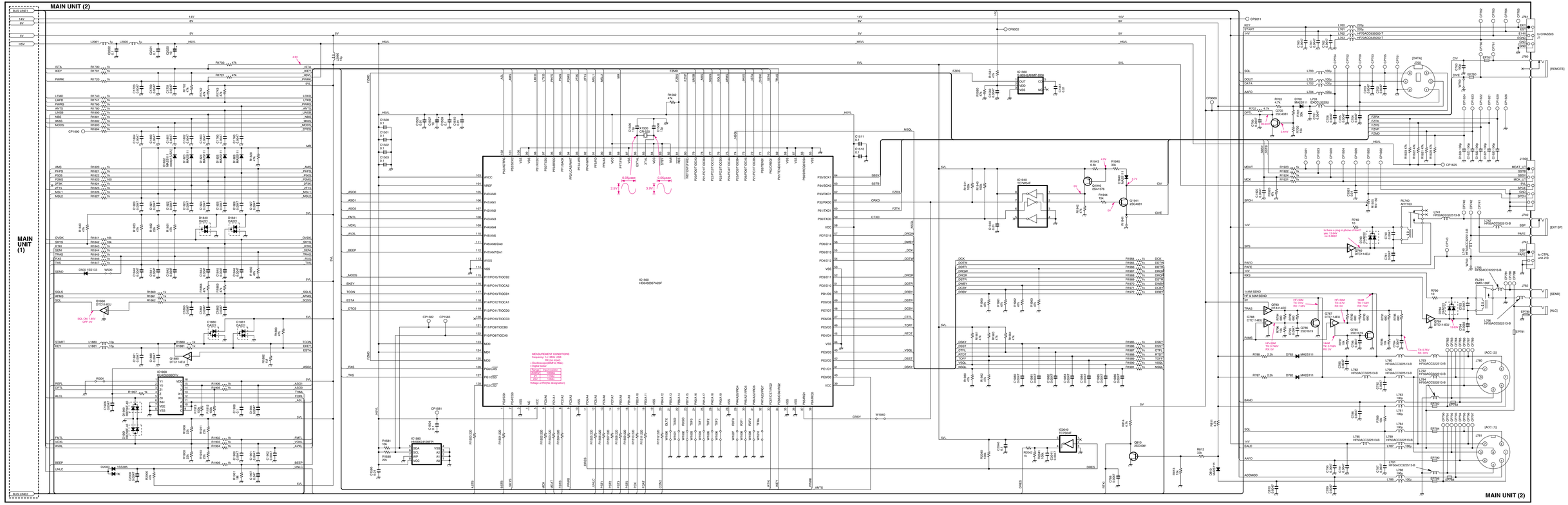
12-2 FRONT UNIT



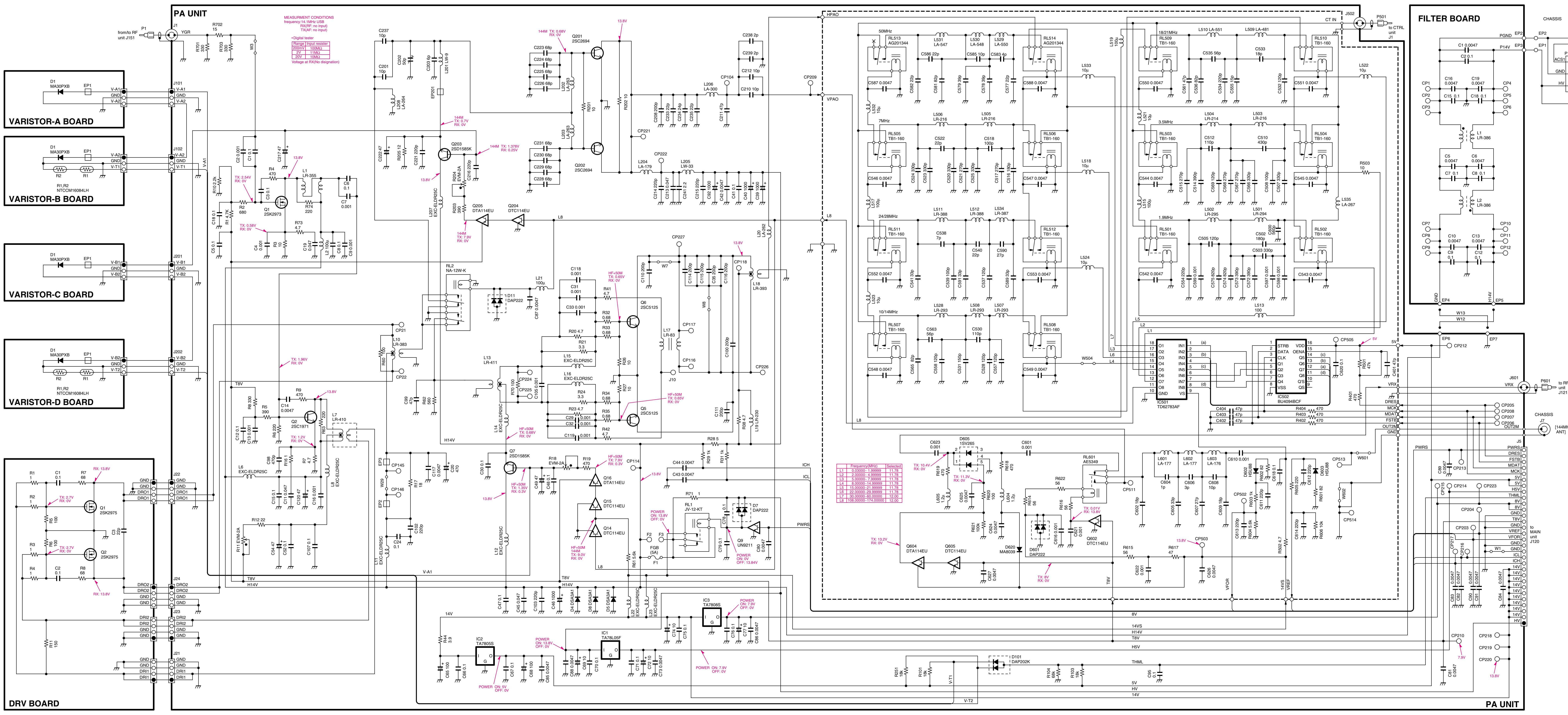
12-3 MAIN UNIT (1)



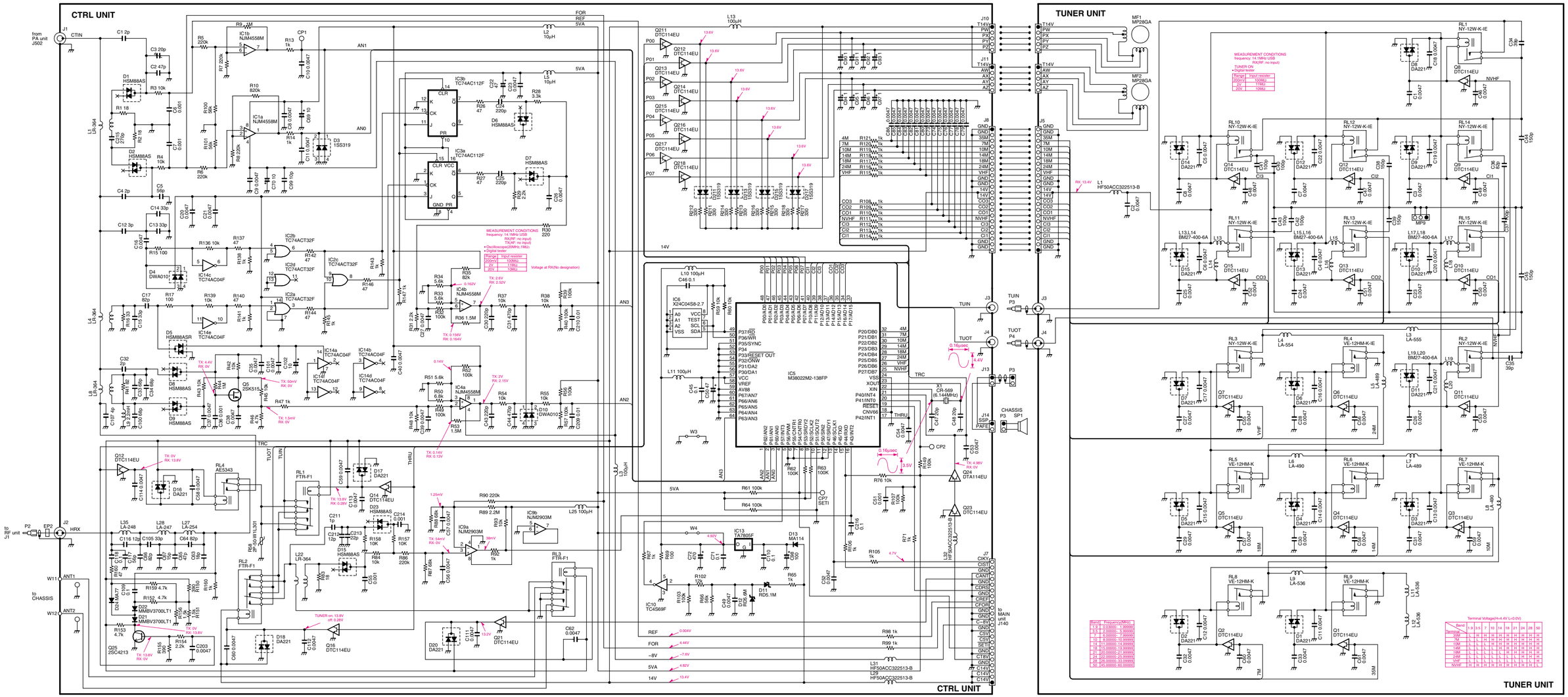
12-4 MAIN UNIT (2)



12-5 PA UNIT, FILTER, DRV AND VARISTOR BOARDS



12-6 CTRL AND TUNER UNITS



RF UNIT
Frequency(MHz) Selected
B0 0.03000–1.59999 12.00
B1 1.60000–1.99999 12.00
B2 2.00000–3.99999 12.00
B3 4.00000–7.99999 12.00
B4 8.00000–10.99999 12.00
B5 11.00000–14.99999 12.00
B6 15.00000–21.99999 12.00
B7 22.00000–29.99999 12.01
B8 50.00000–53.99999 9.81
B8W 54.00000–60.00000 9.80
B9R 108.00000–174.00000 10.54
B9T 144.00000–148.00000 10.55
Fan lotation Setting Voltage(V)
OFF 0.00
L 1.32
M 3.41
H 4.98
MEASUREMENT CONDITIONS
frequency:14.1 MHz USB
RX(RF: no input)
TX(AF: no input)
•Digital tester
Range Input resister
200mV 100MΩ
2V 11MΩ
20V 10MΩ
Voltage at RX(No disignation)

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