

PARTS LIST

[RX-8032VSL]

* All printed circuit boards and its assemblies are not available as service parts.

Area suffix

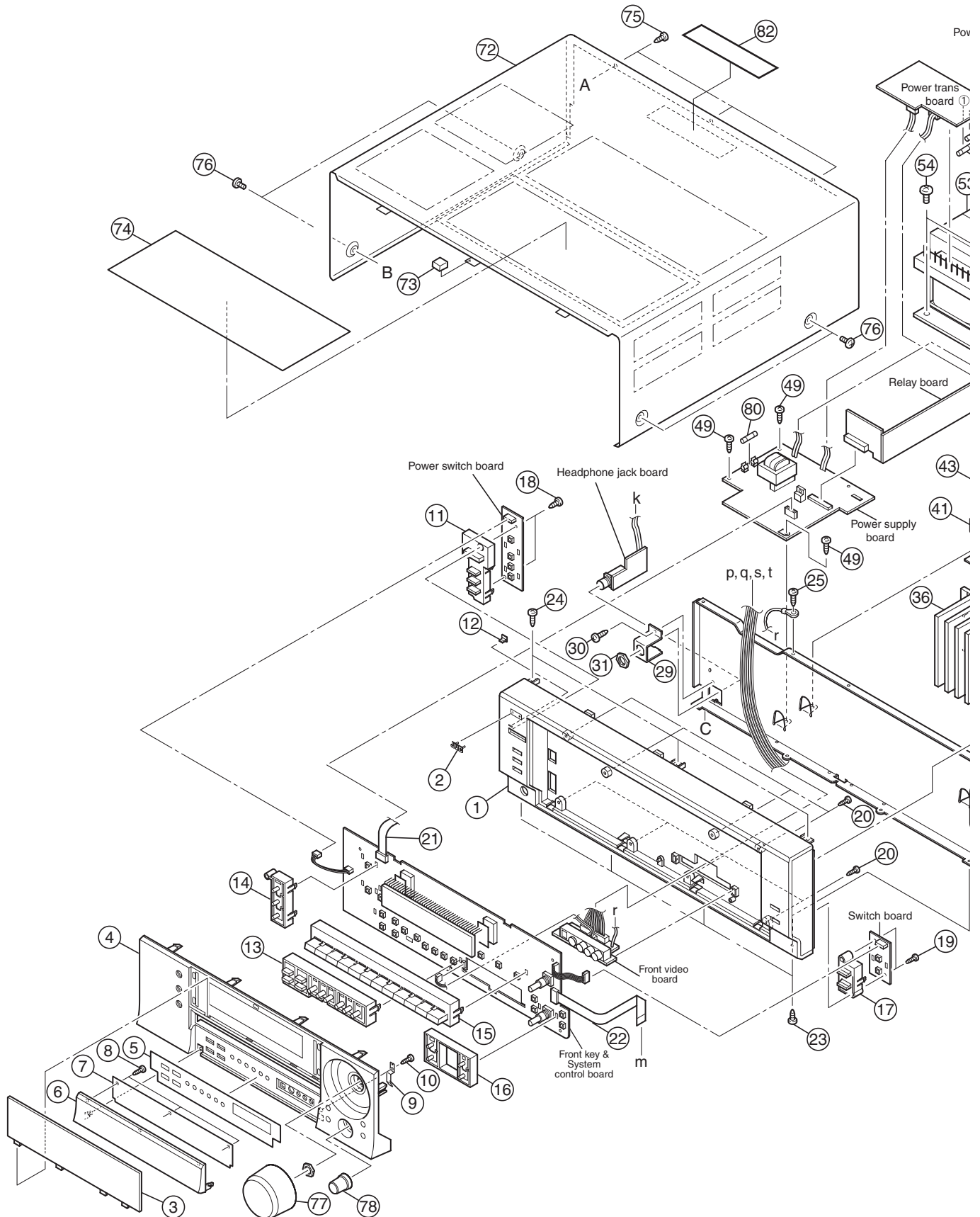
E ----- Continental Europe
EN ----- Northern Europe

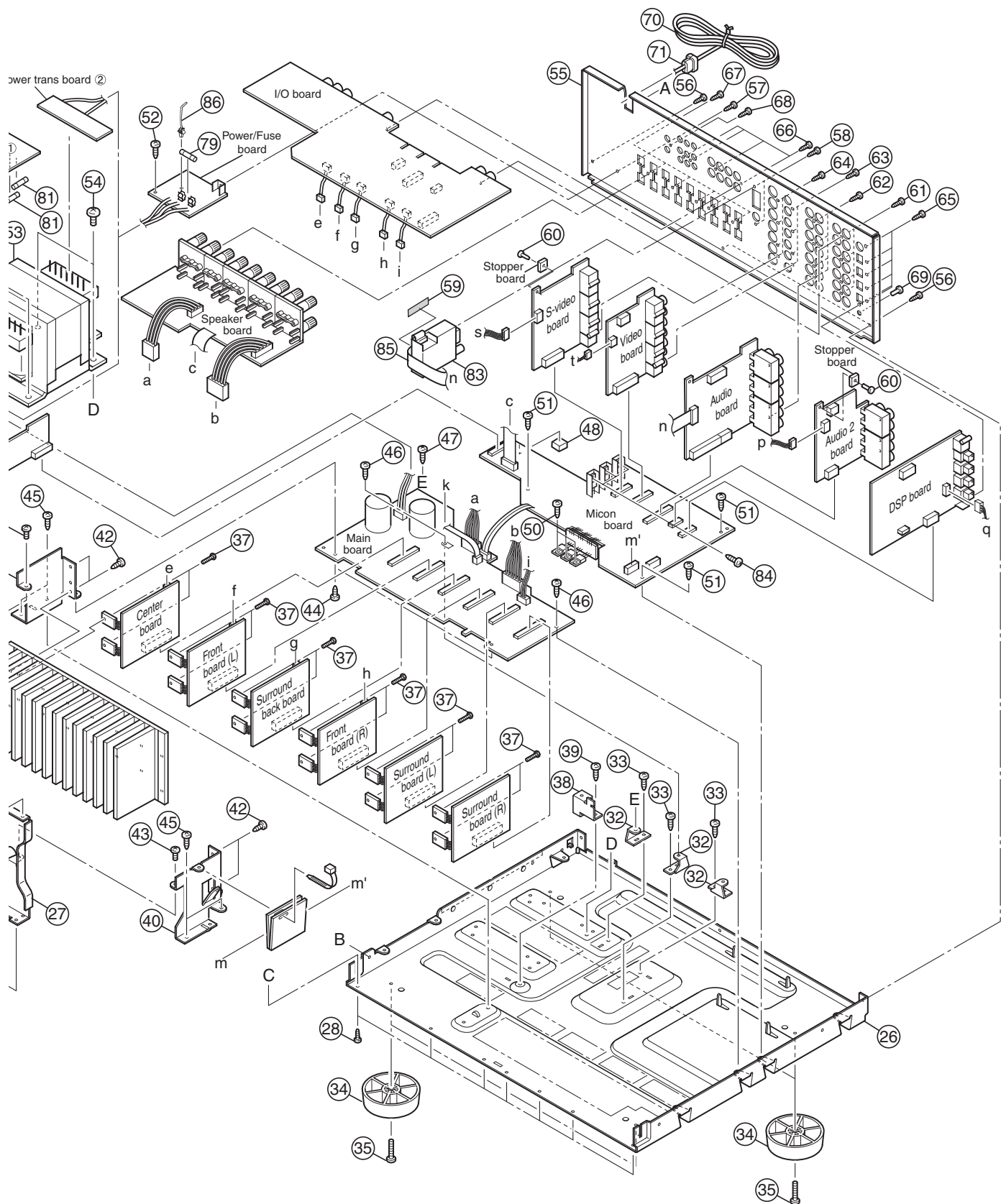
- Contents -

Exploded view of general assembly and parts list (Block No.M1)	3- 2
Electrical parts list (Block No.01~06)	3- 5
Packing materials and accessories parts list (Block No.M3)	3-19

Exploded view of general assembly and parts list

Block No. **M 1 M M**





General assembly

Block No. [M][1][M][M]

△ Symbol No.	Part No.	Part Name	Description	Local
1	LV10469-020A	FRONT PANEL		
2	LV43338-002A	JVC MARK		
3	LV21438-002A	LENS		
4	LV10767-002A	SUB PANEL		
5	LV34032-004A	CONTROL PLATE		
6	LV21437-004A	SEALING DOOR		
7	LV34086-002A	DOOR COVER		
8	QYSPSGU2030N	TAP SCREW	2mm x 3mm(x3)	
9	LV43357-001A	DOOR SPRING		
10	QYSBSF2608Z	TAPPING SCREW	2.6mm x 8mm	
11	LV20939-004A	PUSH BUTTON		
12	LV42096-001A	INDICATOR		
13	LV21442-002A	P.BUTTON(TUNER)		
14	LV21439-002A	P.BUTTON(DSP)		
15	LV21441-002A	P.BUTTON(SOURCE)		
16	LV21443-002A	P.BUTTON(ADJUST)		
17	LV32486-003A	P.BUTTON ASSY		
18	QYSBSF2610Z	SCREW	2.6mm x 10mm(x2)	
19	QYSBSF2610Z	SCREW	2.6mm x 10mm(x2)	
20	QYSBSF2610Z	SCREW	2.6mm x 10mm(x8)	
21	QUQ412-0517CJ	FFC WIRE		
22	QUQ412-0930DJ	FFC WIRE		
23	QYSDSG3006Z	SCREW	3mm x 6mm(x4)	
24	QYSBSG3006Z	TAPPING SCREW	3mm x 6mm(x3)	
25	QYSBSG3006Z	TAPPING SCREW	3mm x 6mm	
26	LV10019-006A	CHASSIS BASE		
27	LV10471-002A	FRONT BRACKET		
28	QYSDSG3006Z	SCREW	3mm x 6mm(x7)	
29	LV42094-003A	H.P BKT		
30	QYSBSG3006Z	TAPPING SCREW	3mm x 6mm	
31	VKZ4150-001	SPECIAL NUT		
32	E68587-223SM	CB BKT	(x3)	
33	QYSBST3006Z	TAPPING SCREW	M3 x 6mm(x3)	
34	QZF6018-003	FOOT	60mm x 18mm(x4)	
35	QYSBST3010Z	TAPPING SCREW	M3 x 10mm(x4)	
36	LV21444-001A	HEAT SINK		
37	QYSBSG3012E	SCREW	3mm x 12mm(x12)	
38	LV42098-001A	C.B BKT		
39	QYSBST3006Z	TAPPING SCREW	M3 x 6mm	
40	LV32433-001A	H.S BRACKET(R)		
41	LV32434-001A	H.S BRACKET(L)		
42	QYSBSG3008Z	TAPPING SCREW	M3 x 8mm(x4)	
43	QYSBST3006Z	TAPPING SCREW	M3 x 6mm(x2)	
44	QYSBSG3006Z	TAPPING SCREW	3mm x 6mm(x2)	
45	QYSBST3006Z	TAPPING SCREW	M3 x 6mm(x4)	
46	QYSBSG3006Z	TAPPING SCREW	3mm x 6mm(x2)	
47	E65923-003	TAPPING SCREW		
48	LV30225-0B2A	SPACER		
49	QYSBSG3006Z	TAPPING SCREW	3mm x 6mm(x3)	
50	QYSBSG3008M	TAPPING SCREW	3mm x 8mm(x3)	
51	QYSBSG3006Z	TAPPING SCREW	3mm x 6mm(x3)	
52	QYSBSG3006Z	TAPPING SCREW	3mm x 6mm	
△ 53	QQT0397-002	POWER TRANSF		
54	QYSDSTL4008Z	ASSY SCREW	M4 x 8mm(x4)	
55	LV10768-010A	REAR PANEL		
56	QYSBSGY3008M	SPECIAL SCREW	3mm x 8mm(x3)	
57	QYSBSGY3008M	SPECIAL SCREW	3mm x 8mm	
58	QYSBST3006M	TAPPING SCREW	M3 x 6mm(x2)	
59	LV30225-011A	SPACER		
60	FMYH4004-001	PLASTIC RIVET	(x2)	
61	QYSBSGY3008M	SPECIAL SCREW	3mm x 8mm(x4)	
62	QYSBSGY3008M	SPECIAL SCREW	3mm x 8mm(x4)	
63	QYSBSGY3008M	SPECIAL SCREW	3mm x 8mm(x4)	
64	QYSBSGY3008M	SPECIAL SCREW	3mm x 8mm(x4)	
65	QYSBSGY3008M	SPECIAL SCREW	3mm x 8mm(x6)	
66	QYSBSGY3008M	SPECIAL SCREW	3mm x 8mm(x4)	
67	QYSBSGY3008M	SPECIAL SCREW	3mm x 8mm(x5)	
68	QYSBSGY3008M	SPECIAL SCREW	3mm x 8mm	
69	E409257-001	GND TERMINAL		
△ 70	QMPK250-205-JV	POWER CORD(EU)	2.05m BLACK	
△ 71	QZW0033-001	STRAIN RELIEF		
72	LV20038-012A/S/	TOP COVER		
73	LV30225-088A	SPACER		
74	LV30077-006A	PROTECT SHEET		

△ Symbol No.	Part No.	Part Name	Description	Local
75	QYSBSGY3008M	SPECIAL SCREW	3mm x 8mm(x3)	
76	E406308-004	SPECIAL SCREW	(x4)	
77	LV43463-002A	VOL KNO ASSY		
78	LV43458-002A	JOG KNOB ASSY		
△ 79	QMF51W2-3R15-J8	FUSE	F 1 3.15A AC250V	
△ 80	QMF51E2-R10-J1	FUSE	F 2 0.1A AC250V	
△ 81	QMF51W2-2R0-J8	FUSE	F61 F62 2A AC250V(x2)	
82	E409396-003	CAUTION LABEL		
83	QAU0278-003	TUNER		
84	QYSBSG3008E	TAPPING SCREW	3mm x 8mm(x3)	
85	QUQ412-1124DJ	FFC WIRE		
86	E307572-001	FASTENER		

Electrical parts list

Main board

Block No. [0][1][0][0]

Symbol No.	Part No.	Part Name	Description	Local	Symbol No.	Part No.	Part Name	Description	Local
Q811	2SD2395/EF/	TRANSTRANSISTOR			C886	QCS31HJ-221Z	C CAPACITOR	220pF 50V J	
Q812	KTC3200/GL/-T	TRANSISTOR			C887	QFVJ1HJ-473Z	MF CAPACITOR	0.047uF 50V J	
Q823	KTC3199/GL/-T	TRANSISTOR			C888	QFVJ1HJ-473Z	MF CAPACITOR	0.047uF 50V J	
Q824	KTC3200/GL/-T	TRANSISTOR			C889	QCS31HJ-221Z	C CAPACITOR	220pF 50V J	
Q825	KTA1268/GL/-T	TRANSISTOR			C890	QCS31HJ-221Z	C CAPACITOR	220pF 50V J	
Q830	KRC109M-T	DIGI TRANSISTOR			C891	QCS31HJ-221Z	C CAPACITOR	220pF 50V J	
Q831	KRC109M-T	DIGI TRANSISTOR			C892	QCS31HJ-221Z	C CAPACITOR	220pF 50V J	
Q832	KRC109M-T	DIGI TRANSISTOR			C893	QCS31HJ-221Z	C CAPACITOR	220pF 50V J	
Q833	KRC109M-T	DIGI TRANSISTOR			C894	QCBB1HK-221Y	C CAPACITOR	220pF 50V K	
Q834	KRC109M-T	DIGI TRANSISTOR			C895	QFVJ1HJ-473Z	MF CAPACITOR	0.047uF 50V J	
Q835	KRC109M-T	DIGI TRANSISTOR			C896	QCS31HJ-221Z	C CAPACITOR	220pF 50V J	
Q836	KRC109M-T	DIGI TRANSISTOR			C897	QCS31HJ-221Z	C CAPACITOR	220pF 50V J	
Q837	KRC109M-T	DIGI TRANSISTOR			C898	QCBB1HK-103Y	C CAPACITOR	0.01uF 50V K	
Q838	KRC109M-T	DIGI TRANSISTOR			C899	QCBB1HK-221Y	C CAPACITOR	220pF 50V K	
Q839	KRC109M-T	DIGI TRANSISTOR			R801	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
△ D801	30DF2-FC	DIODE			R802	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
△ D802	30DF2-FC	DIODE			R811	QRJ146J-120X	UNF C RESISTOR	12Ω 1/4W J	
△ D803	30DF2-FC	DIODE			R812	QRK126J-332X	UNF C RESISTOR	3.3kΩ 1/2W J	
△ D804	30DF2-FC	DIODE			R813	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J	
D811	MTZJ22C-T2	Z.DIODE I.M.			R814	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
D816	MTZJ18C-T2	Z DIODE			R815	QRJ146J-120X	UNF C RESISTOR	12Ω 1/4W J	
D825	1SS133-T2	DIODE			R816	QRL027J-332	OMF RESISTOR	3.3kΩ 2W J	
D831	1SS133-T2	DIODE			R823	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
D832	1SS133-T2	DIODE			R824	QRE141J-134Y	C RESISTOR	130kΩ 1/4W J	
D841	MTZJ5.1C-T2	Z DIODE			R825	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
D842	1SS133-T2	DIODE			R826	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
D843	1SS133-T2	DIODE			R831	QRZ9005-330X	FUSI RESISTOR	33Ω	
D844	1SS133-T2	DIODE			R832	QRZ9005-330X	FUSI RESISTOR	33Ω	
D845	1SS133-T2	DIODE			R833	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J	
D846	1SS133-T2	DIODE			R834	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J	
D847	1SS133-T2	DIODE			R837	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J	
D848	1SS133-T2	DIODE			R838	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J	
D851	1SS133-T2	DIODE			R841	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
D852	1SS133-T2	DIODE			R842	QRE141J-823Y	C RESISTOR	82kΩ 1/4W J	
D853	1SS133-T2	DIODE			R843	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
D871	1SS133-T2	DIODE			R844	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
C454	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R845	QRE141J-823Y	C RESISTOR	82kΩ 1/4W J	
C801	QFZ9076-104Z	MM CAPACITOR	0.1uF		R846	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
C802	QFZ9076-104Z	MM CAPACITOR	0.1uF		R851	QRZ9005-120X	FUSI RESISTOR	12Ω	
C805	QFZ9076-104Z	MM CAPACITOR	0.1uF		R852	QRZ9005-330X	FUSI RESISTOR	33Ω	
C807	QEZ0588-688	E CAPACITOR	6800uF		R854	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
C808	QEZ0588-688	E CAPACITOR	6800uF		R855	QRJ146J-392X	UNF C RESISTOR	3.9kΩ 1/4W J	
C811	QCF31HZ-472Z	C CAPACITOR	4700pF 50V Z		R856	QRE141J-223Y	C RESISTOR	22kΩ 1/4W J	
C816	QETN1EM-476Z	E CAPACITOR	47uF 25V M		R857	QRE141J-682Y	C RESISTOR	6.8kΩ 1/4W J	
C823	QETN1CM-476Z	E CAPACITOR	47uF 16V M		R858	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
C824	QETN1EM-106Z	E CAPACITOR	10uF 25V M		R859	QRE141J-223Y	C RESISTOR	22kΩ 1/4W J	
C833	QDVB1EZ-223Y	C CAPACITOR	0.022uF 25V Z		R860	QRE141J-682Y	C RESISTOR	6.8kΩ 1/4W J	
C834	QDVB1EZ-223Y	C CAPACITOR	0.022uF 25V Z		R861	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
C835	QFLC1HJ-223Z	M CAPACITOR	0.022uF 50V J		R862	QRE141J-223Y	C RESISTOR	22kΩ 1/4W J	
C836	QFLC1HJ-223Z	M CAPACITOR	0.022uF 50V J		R863	QRE141J-682Y	C RESISTOR	6.8kΩ 1/4W J	
C837	QFLC1HJ-223Z	M CAPACITOR	0.022uF 50V J		R864	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
C838	QFLC1HJ-223Z	M CAPACITOR	0.022uF 50V J		R865	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
C839	QDVB1EZ-223Y	C CAPACITOR	0.022uF 25V Z		R866	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
C840	QDVB1EZ-223Y	C CAPACITOR	0.022uF 25V Z		R867	QRE141J-223Y	C RESISTOR	22kΩ 1/4W J	
C841	QCS31HJ-221Z	C CAPACITOR	220pF 50V J		R868	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
C842	QCS31HJ-221Z	C CAPACITOR	220pF 50V J		R869	QRE141J-682Y	C RESISTOR	6.8kΩ 1/4W J	
C843	QCS31HJ-221Z	C CAPACITOR	220pF 50V J		R870	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
C844	QCS31HJ-221Z	C CAPACITOR	220pF 50V J		R871	QRZ9005-330X	FUSI RESISTOR	33Ω	
C845	QCS31HJ-221Z	C CAPACITOR	220pF 50V J		R885	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J	
C846	QCS31HJ-221Z	C CAPACITOR	220pF 50V J		R886	QRZ9005-120X	FUSI RESISTOR	12Ω	
C847	QCS31HJ-221Z	C CAPACITOR	220pF 50V J		R887	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J	
C848	QCS31HJ-221Z	C CAPACITOR	220pF 50V J		R888	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J	
C850	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R889	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J	
C851	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		L843	QQLZ005-R45	COIL	0.45uH	
C852	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		L844	QQLZ005-R45	COIL	0.45uH	
C853	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		L845	QQLZ005-R45	COIL	0.45uH	
C881	QDGB1HK-102Y	C CAPACITOR	1000pF 50V K		L846	QQLZ005-R45	COIL	0.45uH	
C883	QDGB1HK-102Y	C CAPACITOR	1000pF 50V K		CN72	QGB2510K1-06	CONNECTOR	B-B (1-6)	
C884	QDGB1HK-102Y	C CAPACITOR	1000pF 50V K		CN82	QGB2510K1-06	CONNECTOR	B-B (1-6)	
C885	QFVJ1HJ-473Z	MF CAPACITOR	0.047uF 50V J		CN701	QGB2510J1-12	CONNECTOR	B-B (1-12)	
					CN702	QGB2510J1-12	CONNECTOR	B-B (1-12)	

△ Symbol No.	Part No.	Part Name	Description	Local
CN703	QGB2510J1-10	CONNECTOR	B-B (1-10)	
CN704	QGB2510J1-10	CONNECTOR	B-B (1-10)	
CN705	QGB2510J1-12	CONNECTOR	B-B (1-12)	
CN706	QGB2510J1-12	CONNECTOR	B-B (1-12)	
CN723	QGA2501C1-04	CONNECTOR	W-B (1-4)	
CN801	QJK012-032403	SKT WIRE ASSY		
CN813	QGA3901C1-06	CONNECTOR	W-B (1-6)	
CN814	QGA3901C1-07	CONNECTOR	W-B (1-7)	
CN823	QJK015-063001	C-B WIRE ASSY		
CN824	QJK015-073202	SKT WIRE ASSY		
CN831	QGD2501C1-04Z	CONNECTOR	(1-4)	
CN881	QGD2501C1-03Z	CONNECTOR	(1-3)	
EP801	QNZ0136-001Z	EARTH PLATE		
FW931	QUM217-08DGZ4	PARA RIBON WIRE		
RY831	QSK0109-001	RELAY		
RY832	QSK0109-001	RELAY		
RY851	QSK0149-001	RELAY		
RY852	QSK0109-001	RELAY		
RY853	QSK0149-001	RELAY		
RY871	QSK0109-001	RELAY		
ST831	QNB0130-001	SPK TERMINAL		
ST851	QNB0128-001	SPK TERMINAL		
ST852	QNB0129-001	SPK TERMINAL		

Front board

Block No. [0][2][0][0]

△ Symbol No.	Part No.	Part Name	Description	Local
PW402	QUB131-18PPDM	CONNECTOR		
IC201	BA7625	IC		
IC241	BA7626	IC		
IC242	BA7625	IC		
IC301	NJM4580D-D	IC		
IC302	TC9164AF-X	IC		
IC303	HA17558AF-X	IC		
IC371	TC9163AF-X	IC		
IC372	SAA6588	IC(RDS)		
IC400	MN101C35DMF	IC		
IC402	BU2092F-X	IC		
IC404	GP1UM281XK	IR DETECT UNIT	38kHz	
Q200	KTA1267/YG/-T	TRANSISTOR		
Q201	KTA1267/YG/-T	TRANSISTOR		
Q204	KTA1267/YG/-T	TRANSISTOR		
Q240	KTA1267/YG/-T	TRANSISTOR		
Q241	KTA1267/YG/-T	TRANSISTOR		
Q242	KTA1267/YG/-T	TRANSISTOR		
Q243	KTA1267/YG/-T	TRANSISTOR		
Q244	KTA1267/YG/-T	TRANSISTOR		
Q254	KTA1267/YG/-T	TRANSISTOR		
Q301	2SC3576-JVC-T	TRANSISTOR		
Q302	2SC3576-JVC-T	TRANSISTOR		
Q303	KRA104S-X	DIGI TRANSISTOR		
Q402	UN2215-X	TRANSISTOR		
Q403	KRC109S-X	TRANSISTOR		
Q404	KRC107S-X	DIGI TRANSISTOR		
Q407	KRC107S-X	DIGI TRANSISTOR		
Q408	KRC107S-X	DIGI TRANSISTOR		
Q410	UN2114-X	TRANSISTOR		
Q411	UN2114-X	TRANSISTOR		
Q413	UN2114-X	TRANSISTOR		
D405	1SS133-T2	DIODE		
D410	SLR-343VC/NPQ-T	LED		
D411	SLR-343VC/NPQ-T	LED		
D412	SLR-343VC/NPQ-T	LED		
D413	SLR-343VC/NPQ-T	LED		
D414	SLR-343VC/NPQ-T	LED		
D415	SLR-343VC/NPQ-T	LED		
D416	SLR-343VC/NPQ-T	LED		
D417	SLR-343VC/NPQ-T	LED		
D418	SLR-343VC/NPQ-T	LED		

△ Symbol No.	Part No.	Part Name	Description	Local
D419	SLR-343VC/NPQ-T	LED		
D420	SLR-343VC/NPQ-T	LED		
D421	SLR-343VC/NPQ-T	LED		
D480	SLR-343VC/NPQ-T	LED		
D490	SLR-343VC/NPQ-T	LED		
D491	SLR-343VC/NPQ-T	LED		
C201	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C202	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C203	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C204	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C205	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C206	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C207	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C208	QETN1CM-476Z	E CAPACITOR	47uF 16V M	
C209	QCF31HZ-103Z	C CAPACITOR	0.01uF 50V Z	
C210	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C211	QETN1CM-476Z	E CAPACITOR	47uF 16V M	
C212	QCF31HZ-103Z	C CAPACITOR	0.01uF 50V Z	
C226	NCS31HJ-470X	C CAPACITOR	47pF 50V J	
C227	NCS31HJ-470X	C CAPACITOR	47pF 50V J	
C228	NCS31HJ-470X	C CAPACITOR	47pF 50V J	
C241	QDX31EM-473Z	C CAPACITOR	0.047uF 25V M	
C242	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C243	QCF31HZ-103Z	C CAPACITOR	0.01uF 50V Z	
C244	QDX31EM-473Z	C CAPACITOR	0.047uF 25V M	
C245	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C246	QDX31EM-473Z	C CAPACITOR	0.047uF 25V M	
C247	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C248	QETN1CM-476Z	E CAPACITOR	47uF 16V M	
C249	QDX31EM-473Z	C CAPACITOR	0.047uF 25V M	
C250	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C251	QDX31EM-473Z	C CAPACITOR	0.047uF 25V M	
C252	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C253	NCS31HJ-100X	C CAPACITOR	10pF 50V J	
C254	QDX31EM-473Z	C CAPACITOR	0.047uF 25V M	
C255	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C256	QCF31HZ-103Z	C CAPACITOR	0.01uF 50V Z	
C257	QETN1CM-476Z	E CAPACITOR	47uF 16V M	
C258	QCF31HZ-103Z	C CAPACITOR	0.01uF 50V Z	
C259	QETN1CM-476Z	E CAPACITOR	47uF 16V M	
C268	NCS31HJ-470X	C CAPACITOR	47pF 50V J	
C269	NCS31HJ-470X	C CAPACITOR	47pF 50V J	
C270	NCS31HJ-470X	C CAPACITOR	47pF 50V J	
C271	NCS31HJ-470X	C CAPACITOR	47pF 50V J	
C272	QDX31EM-473Z	C CAPACITOR	0.047uF 25V M	
C273	QDX31EM-473Z	C CAPACITOR	0.047uF 25V M	
C274	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C275	NCS31HJ-470X	C CAPACITOR	47pF 50V J	
C276	NCS31HJ-470X	C CAPACITOR	47pF 50V J	
C277	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C280	NCS31HJ-470X	C CAPACITOR	47pF 50V J	
C281	NCS31HJ-470X	C CAPACITOR	47pF 50V J	
C282	NCS31HJ-470X	C CAPACITOR	47pF 50V J	
C283	NCS31HJ-470X	C CAPACITOR	47pF 50V J	
C284	NCS31HJ-470X	C CAPACITOR	47pF 50V J	
C285	NCS31HJ-470X	C CAPACITOR	47pF 50V J	
C286	NCS31HJ-470X	C CAPACITOR	47pF 50V J	
C287	NCS31HJ-470X	C CAPACITOR	47pF 50V J	
C301	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C302	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C303	NCS31HJ-101X	C CAPACITOR	100pF 50V J	
C304	NCS31HJ-101X	C CAPACITOR	100pF 50V J	
C305	QFLC1HJ-182Z	M CAPACITOR	1800pF 50V J	
C306	QFLC1HJ-182Z	M CAPACITOR	1800pF 50V J	
C307	QFLC1HJ-682Z	M CAPACITOR	6800pF 50V J	
C308	QFLC1HJ-682Z	M CAPACITOR	6800pF 50V J	
C309	NCS31HJ-101X	C CAPACITOR	100pF 50V J	
C310	NCS31HJ-101X	C CAPACITOR	100pF 50V J	
C311	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C312	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C313	QETN1AM-107Z	E CAPACITOR	100uF 10V M	
C314	QETN1AM-107Z	E CAPACITOR	100uF 10V M	
C315	QETN1CM-476Z	E CAPACITOR	47uF 16V M	
C316	QETN1CM-476Z	E CAPACITOR	47uF 16V M	
C317	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C318	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C323	NCB31HK-221X	C CAPACITOR	220pF 50V K	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
C324	NCB31HK-221X	C CAPACITOR	220pF 50V K		R214	NRSA63J-621X	MG RESISTOR	620Ω 1/16W J	
C325	NCB31HK-221X	C CAPACITOR	220pF 50V K		R215	NRSA63J-621X	MG RESISTOR	620Ω 1/16W J	
C326	NCB31HK-221X	C CAPACITOR	220pF 50V K		R218	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
C327	NCB31HK-221X	C CAPACITOR	220pF 50V K		R219	NRSA63J-621X	MG RESISTOR	620Ω 1/16W J	
C328	NCB31HK-221X	C CAPACITOR	220pF 50V K		R221	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
C329	NCB31HK-221X	C CAPACITOR	220pF 50V K		R225	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
C330	NCB31HK-221X	C CAPACITOR	220pF 50V K		R226	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
C331	NCB31HK-221X	C CAPACITOR	220pF 50V K		R240	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C332	NCB31HK-221X	C CAPACITOR	220pF 50V K		R241	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C335	QETN1EM-226Z	E CAPACITOR	22uF 25V M		R242	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C336	QETN1EM-226Z	E CAPACITOR	22uF 25V M		R243	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C339	NCB31HK-561X	C CAPACITOR	560pF 50V K		R244	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C341	QETN1CM-106Z	E CAPACITOR	10uF 16V M		R245	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C342	QETN1CM-106Z	E CAPACITOR	10uF 16V M		R246	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C343	QETN1CM-106Z	E CAPACITOR	10uF 16V M		R247	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C344	QETN1CM-106Z	E CAPACITOR	10uF 16V M		R248	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
C351	QFLC1HJ-562Z	M CAPACITOR	5600pF 50V J		R249	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
C352	QFLC1HJ-562Z	M CAPACITOR	5600pF 50V J		R250	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
C371	NCB31HK-221X	C CAPACITOR	220pF 50V K		R251	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
C372	NCB31HK-221X	C CAPACITOR	220pF 50V K		R252	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
C373	NCB31HK-221X	C CAPACITOR	220pF 50V K		R253	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
C374	NCB31HK-221X	C CAPACITOR	220pF 50V K		R254	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
C375	NCB31HK-331X	C CAPACITOR	330pF 50V K		R255	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
C376	NCB31HK-331X	C CAPACITOR	330pF 50V K		R259	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
C377	NCB31HK-221X	C CAPACITOR	220pF 50V K		R266	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C378	NCB31HK-221X	C CAPACITOR	220pF 50V K		R267	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
C379	NCB31HK-331X	C CAPACITOR	330pF 50V K		R268	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C380	NCB31HK-331X	C CAPACITOR	330pF 50V K		R269	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
C381	NCB31HK-221X	C CAPACITOR	220pF 50V K		R271	QRJ146J-3R3X	UNF C RESISTOR	3.3Ω 1/4W J	
C382	NCB31HK-221X	C CAPACITOR	220pF 50V K		R272	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C385	QETN1EM-226Z	E CAPACITOR	22uF 25V M		R273	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
C386	QETN1EM-226Z	E CAPACITOR	22uF 25V M		R274	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C389	NCB31HK-561X	C CAPACITOR	560pF 50V K		R275	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C391	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R276	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C392	NCS31HJ-470X	C CAPACITOR	47pF 50V J		R280	NRSA63J-301X	MG RESISTOR	300Ω 1/16W J	
C393	NCS31HJ-470X	C CAPACITOR	47pF 50V J		R284	NRSA63J-301X	MG RESISTOR	300Ω 1/16W J	
C394	QDX31EM-473Z	C CAPACITOR	0.047uF 25V M		R301	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C395	QETN1CM-106Z	E CAPACITOR	10uF 16V M		R302	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C396	NCB31HK-561X	C CAPACITOR	560pF 50V K		R303	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
C397	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M		R304	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
C398	NCS31HJ-331X	C CAPACITOR	330pF 50V J		R305	NRSA63J-621X	MG RESISTOR	620Ω 1/16W J	
C399	QETN1CM-226Z	E CAPACITOR	22uF 16V M		R306	NRSA63J-621X	MG RESISTOR	620Ω 1/16W J	
C400	QEK1HM-475Z	E CAPACITOR	4.7uF 50V M		R307	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	
C401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R308	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	
C402	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R309	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
C403	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R310	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
C404	NCB31EK-223X	C CAPACITOR	0.022uF 25V K		R311	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C406	NCB31HK-331X	C CAPACITOR	330pF 50V K		R312	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C407	QCZ0202-155Z	C CAPACITOR	1.5uF 25V Z		R315	QRJ146J-331X	UNF C RESISTOR	330Ω 1/4W J	
C408	NCB31EK-223X	C CAPACITOR	0.022uF 25V K		R316	QRJ146J-331X	UNF C RESISTOR	330Ω 1/4W J	
C409	QEK1HM-475Z	E CAPACITOR	4.7uF 50V M		R317	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
C410	QEK1HM-475Z	E CAPACITOR	4.7uF 50V M		R318	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
C411	NCB21AK-225X	C CAPACITOR	2.2uF 10V K		R323	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
C412	QEKJ0JM-107Z	E CAPACITOR	100uF 6.3V M		R324	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
C413	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R325	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
C414	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R326	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
C420	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R327	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
C421	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R328	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
C422	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R329	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
C423	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R330	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
C424	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R335	QRZ9005-680X	F RESISTOR	68Ω	
C425	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R336	QRZ9005-680X	F RESISTOR	68Ω	
C427	NCF31AZ-105X	C CAPACITOR	1uF 10V Z		R341	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R200	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J		R342	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R201	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J		R343	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R202	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J		R344	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R203	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J		R345	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R204	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J		R346	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R205	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J		R351	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R206	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J		R352	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J		R371	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R208	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J		R372	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R209	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R373	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R210	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J		R374	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R211	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R375	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R212	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J		R376	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R213	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R377	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
					R378	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
R379	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R480	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R380	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R481	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R381	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R482	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R382	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R483	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R385	QRZ9005-680X	F RESISTOR	68Ω		R484	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R386	QRZ9005-680X	F RESISTOR	68Ω		R485	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R387	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J		BK400	LV42092-001A	FL HOLDER(R)		
R388	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		BK401	LV42093-001A	FL HOLDER(L)		
R389	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		CN200	QGB2510K1-12	CONNECTOR	B-B (1-12)	
R390	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		CN204	QGB1214K1-10S	CONNECTOR	B-B (1-10)	
R391	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J		CN206	QGA2501F1-02	CONNECTOR	W-B (1-2)	
R392	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		CN240	QGB2510K1-10	CONNECTOR	B-B (1-10)	
R393	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J		CN244	QGA2501F1-04	CONNECTOR	W-B (1-4)	
R394	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		CN311	QGB2510K1-04	CONNECTOR	B-B (1-4)	
R395	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		CN313	QGB2510K1-18	CONNECTOR	B-B (1-18)	
R396	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		CN314	QGF1205F1-11	CONNECTOR	FFC/FPC (1-11)	
R397	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		CN315	QGB2510K1-04	CONNECTOR	B-B (1-4)	
R398	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		CN351	QGB1214K1-06S	CONNECTOR	B-B (1-6)	
R400	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		CN371	QGB1214K1-18S	CONNECTOR	B-B (1-18)	
R401	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		CN410	QGF1205F1-09	CONNECTOR	FFC/FPC (1-9)	
R402	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		CN412	QGF1205F1-05	CONNECTOR	FFC/FPC (1-5)	
R403	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		CN414	QGA2501C1-02	CONNECTOR	W-B (1-2)	
R404	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		CN415	QGA2501F1-03	CONNECTOR	W-B (1-3)	
R405	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		CN420	QJK025-031301	C-B WIRE ASSY		
R406	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J		CN422	QJK025-041201	SIN ID C-B WIRE		
R407	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		CN430	QGA2501C1-03	CONNECTOR	W-B (1-3)	
R408	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J		CN432	QGA2501C1-04	CONNECTOR	W-B (1-4)	
R409	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		DI400	QLF0113-001	FL TUBE		
R410	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		FL351	QQR0590-001	FILTER		
R411	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		FL352	QQR0590-001	FILTER		
R412	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J		FS400	E3400-444	FELT SPACER		
R413	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		FS401	E3400-444	FELT SPACER		
R414	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J		J201	QNN0011-001	PIN JACK		
R415	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		J202	QNN0011-001	PIN JACK		
R416	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		J203	QNN0011-001	PIN JACK		
R417	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		J204	QNN0017-002	PIN JACK		
R418	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J		J241	QND0108-001	S-CONNECTOR		
R419	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		J242	QND0098-001	DIN CONNECTOR		
R420	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		J243	QND0098-001	DIN CONNECTOR		
R421	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		J244	QND0107-001	S JACK		
R422	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J		J301	QNN0018-002	PIN JACK		
R423	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		J302	QNN0546-001	PIN JACK		
R424	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J		J371	QNN0018-002	PIN JACK		
R425	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		J372	QNN0018-002	PIN JACK		
R426	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		J373	QNN0546-001	PIN JACK		
R427	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		JS400	QSW1017-001	JOG VOLUME		
R428	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J		JS401	QSW1015-001	ROTARY ENCODER		
R429	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		S400	QSW0683-001Z	PUSH SW		
R430	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J		S401	QSW0683-001Z	PUSH SW		
R431	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J		S402	QSW0683-001Z	PUSH SW		
R432	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		S403	QSW0683-001Z	PUSH SW		
R433	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		S404	QSW0683-001Z	PUSH SW		
R434	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		S405	QSW0683-001Z	PUSH SW		
R438	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		S406	QSW0683-001Z	PUSH SW		
R439	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		S407	QSW0683-001Z	PUSH SW		
R440	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		S408	QSW0683-001Z	PUSH SW		
R445	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		S409	QSW0683-001Z	PUSH SW		
R446	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		S410	QSW0683-001Z	PUSH SW		
R447	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		S411	QSW0683-001Z	PUSH SW		
R448	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		S412	QSW0683-001Z	PUSH SW		
R449	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		S413	QSW0683-001Z	PUSH SW		
R450	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		S414	QSW0683-001Z	PUSH SW		
R451	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		S415	QSW0683-001Z	PUSH SW		
R453	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		S416	QSW0683-001Z	PUSH SW		
R454	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		S417	QSW0683-001Z	PUSH SW		
R455	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		S418	QSW0683-001Z	PUSH SW		
R456	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		S419	QSW0683-001Z	PUSH SW		
R457	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		S420	QSW0683-001Z	PUSH SW		
R459	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		S421	QSW0683-001Z	PUSH SW		
R460	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		S422	QSW0683-001Z	PUSH SW		
R461	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		S423	QSW0683-001Z	PUSH SW		
R462	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		S424	QSW0683-001Z	PUSH SW		
R463	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		S425	QSW0683-001Z	PUSH SW		
R464	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		S426	QSW0683-001Z	PUSH SW		
R465	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J		S427	QSW0683-001Z	PUSH SW		
R466	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J		S429	QSW0683-001Z	PUSH SW		
R468	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		S430	QSW0683-001Z	PUSH SW		
R479	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J						

△ Symbol No.	Part No.	Part Name	Description	Local
S431	QSW0683-001Z	PUSH SW		
S480	QSW0683-001Z	PUSH SW		
S481	QSW0683-001Z	PUSH SW		
S482	QSW0683-001Z	PUSH SW		
S483	QSW0683-001Z	PUSH SW		
X301	QAX0263-001Z	CRYSTAL	4.332MHz	
X400	QAX0246-001Z	C RESONATOR	8.00MHz	

Micon board

Block No. [0][3][0][0]

△ Symbol No.	Part No.	Part Name	Description	Local
PW12	QUB111-16PPPP	WIRE		
PW16	QUB116-16PPPP	PIN WIRE		
PW18	QUB112-28PPPP	SIN TWIST WIRE		
PW19	QUB111-28PPPP	SIN TWIST WIRE		
PW30	QUB116-28PPPP	SIN TWIST WIRE		
PW60	QUB111-28PPPP	SIN TWIST WIRE		
IC901	MN101C49GMG	IC(MCU)		
IC903	IC-PST9139-T	IC		
Q52	KTD863/Y/-T	TRANSISTOR		
Q53	KRC105M-T	DIGI TRANSISTOR		
Q71	KTA1046/Y/	TRANSISTOR		
Q74	KTC3200/GL/-T	TRANSISTOR		
Q901	KRC107M-T	TRANSISTOR		
Q903	KRC105M-T	DIGI TRANSISTOR		
Q904	KRC105M-T	DIGI TRANSISTOR		
Q905	KRC105M-T	DIGI TRANSISTOR		
Q906	KRC105M-T	DIGI TRANSISTOR		
Q907	KRC105M-T	DIGI TRANSISTOR		
Q908	KRC105M-T	DIGI TRANSISTOR		
△ Q921	2SD2395/EF/	TRANTRANSISTOR		
△ Q931	2SD2395/EF/	TRANTRANSISTOR		
△ Q941	2SD2395/EF/	TRANTRANSISTOR		
Q951	2SD2395/EF/	TRANTRANSISTOR		
Q961	KTA1046/Y/	TRANSISTOR		
Q971	2SD2395/EF/	TRANTRANSISTOR		
△ D51	11ES2-T4	DIODE		
△ D52	11ES2-T4	DIODE		
△ D53	11ES2-T4	DIODE		
△ D54	11ES2-T4	DIODE		
D56	MTZJ6.2B-T2	Z DIODE		
D57	1SS133-T2	DIODE		
△ D61	10E2-FD	DIODE		
△ D62	11ES2-T4	DIODE		
△ D63	10E2-FD	DIODE		
△ D64	11ES2-T4	DIODE		
D71	11ES2-T4	DIODE		
D72	11ES2-T4	DIODE		
D73	11ES2-T4	DIODE		
D74	MTZJ36C-T2	Z DIODE		
D75	MTZJ8.2C-T2	Z DIODE		
D900	11ES2-T4	DIODE		
D901	11ES2-T4	DIODE		
D902	11ES2-T4	DIODE		
D904	1SS133-T2	DIODE		
D921	MTZJ5.6C-T2	Z DIODE		
D931	MTZJ6.2C-T2	Z DIODE		
D941	MTZJ13C-T2	Z DIODE		
D951	MTZJ13C-T2	Z DIODE		
D955	1SS133-T2	DIODE		
D956	1SS133-T2	DIODE		
D961	MTZJ13C-T2	Z DIODE		
D971	MTZJ10C-T2	Z DIODE		
D975	1SS133-T2	DIODE		
D976	1SS133-T2	DIODE		
D977	1SS133-T2	DIODE		
D978	1SS133-T2	DIODE		
D979	1SS133-T2	DIODE		

△ Symbol No.	Part No.	Part Name	Description	Local
△ C1	QCZ9104-472	C CAPACITOR	4700pF	
C51	QFLC2AJ-472Z	M CAPACITOR	4700pF 100V J	
C52	QETM1EM-108	E CAPACITOR	1000uF 25V M	
C54	QETN1CM-477Z	E CAPACITOR	470uF 16V M	
C55	QCF31HZ-472Z	C CAPACITOR	4700pF 50V Z	
C61	QFN32AJ-104Z	M CAPACITOR	0.1uF 100V J	
C62	QFN32AJ-104Z	M CAPACITOR	0.1uF 100V J	
C63	QFN32AJ-104Z	M CAPACITOR	0.1uF 100V J	
C65	QETM1VM-338	E CAPACITOR	3300uF 35V M	
C66	QETM1VM-108	E CAPACITOR	1000uF 35V M	
C68	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J	
C69	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J	
C70	QETN1HM-227Z	E CAPACITOR	220uF 50V M	
C71	QETN1JM-107Z	E CAPACITOR	100uF 63V M	
C72	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C73	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C74	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C81	QFZ9076-104Z	MM CAPACITOR	0.1uF	
C91	QCBB1HK-471Y	C CAPACITOR	470pF 50V K	
C92	QCBB1HK-471Y	C CAPACITOR	470pF 50V K	
C901	QETN0JM-107Z	E CAPACITOR	100uF 6.3V M	
C902	QCZ0202-155Z	C CAPACITOR	1.5uF 25V Z	
C903	QETN0JM-228Z	E CAPACITOR	2200uF 6.3V M	
C904	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C905	QDVB1EZ-223Y	C CAPACITOR	0.022uF 25V Z	
C921	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C922	QCF31HZ-472Z	C CAPACITOR	4700pF 50V Z	
C931	QETN1CM-477Z	E CAPACITOR	470uF 16V M	
C932	QCF31HZ-472Z	C CAPACITOR	4700pF 50V Z	
C941	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C942	QCF31HZ-472Z	C CAPACITOR	4700pF 50V Z	
C951	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C952	QCF31HZ-472Z	C CAPACITOR	4700pF 50V Z	
C961	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C962	QCF31HZ-472Z	C CAPACITOR	4700pF 50V Z	
C971	QETN1EM-337Z	E CAPACITOR	330uF 25V M	
C972	QCF31HZ-472Z	C CAPACITOR	4700pF 50V Z	
C975	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C981	QCBB1HK-331Y	C CAPACITOR	330pF 50V K	
C982	QCBB1HK-331Y	C CAPACITOR	330pF 50V K	
C983	QCBB1HK-331Y	C CAPACITOR	330pF 50V K	
C984	QCBB1HK-331Y	C CAPACITOR	330pF 50V K	
C985	QCBB1HK-103Y	C CAPACITOR	0.01uF 50V K	
C993	QCBB1HK-101Y	C CAPACITOR	100pF 50V K	
C994	QCBB1HK-271Y	C CAPACITOR	270pF 50V K	
△ R53	QRJ146J-6R8X	UNF C RESISTOR	6.8Ω 1/4W J	
R54	QRE141J-821Y	C RESISTOR	820Ω 1/4W J	
R61	QRJ146J-8R2X	UNF C RESISTOR	8.2Ω 1/4W J	
R72	QRJ146J-332X	UNF C RESISTOR	3.3kΩ 1/4W J	
R73	QRE141J-223Y	C RESISTOR	22kΩ 1/4W J	
R74	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
R91	QRL027J-471	OMF RESISTOR	470Ω 2W J	
R92	QRL027J-471	OMF RESISTOR	470Ω 2W J	
R903	QRE141J-331Y	C RESISTOR	330Ω 1/4W J	
R904	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
R910	QRE141J-223Y	C RESISTOR	22kΩ 1/4W J	
R911	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
R913	QRT027J-3R9	MF RESISTOR	3.9Ω 2W J	
R914	QRL027J-160	OMF RESISTOR	16Ω 2W J	
R915	QRT027J-3R9	MF RESISTOR	3.9Ω 2W J	
R916	QRL027J-100	OMF RESISTOR	10Ω 2W J	
R918	QRL027J-100	OMF RESISTOR	10Ω 2W J	
R921	QRK126J-120X	UNF C RESISTOR	12Ω 1/2W J	
R923	QRJ146J-272X	UNF C RESISTOR	2.7kΩ 1/4W J	
R924	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R925	QRE141J-221Y	C RESISTOR	220Ω 1/4W J	
R926	QRE141J-221Y	C RESISTOR	220Ω 1/4W J	
R927	QRE141J-221Y	C RESISTOR	220Ω 1/4W J	
R928	QRE141J-221Y	C RESISTOR	220Ω 1/4W J	
R929	QRE141J-221Y	C RESISTOR	220Ω 1/4W J	
R930	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R931	QRL027J-100	OMF RESISTOR	10Ω 2W J	
R933	QRJ146J-272X	UNF C RESISTOR	2.7kΩ 1/4W J	
R934	QRE141J-221Y	C RESISTOR	220Ω 1/4W J	
R935	QRE141J-221Y	C RESISTOR	220Ω 1/4W J	
R936	QRE141J-221Y	C RESISTOR	220Ω 1/4W J	
R937	QRE141J-221Y	C RESISTOR	220Ω 1/4W J	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
R938	QRE141J-221Y	C RESISTOR	220Ω 1/4W J		FW831	QUM134-08DGZ4	PARA RIBON WIRE		
R939	QRE141J-221Y	C RESISTOR	220Ω 1/4W J		FW881	QUM213-44DGZ4	PARA RIBON WIRE		
R940	QRJ146J-3R3X	UNF C RESISTOR	3.3kΩ 1/4W J		HL901	VYH7237-002	IC HOLDER		
R943	QRJ146J-222X	UNF C RESISTOR	2.2kΩ 1/4W J		HS951	E70306-001	HEAT SINK		
R944	QRE141J-221Y	C RESISTOR	220Ω 1/4W J		HS961	E70306-001	HEAT SINK		
R945	QRE141J-221Y	C RESISTOR	220Ω 1/4W J		HS971	E70306-001	HEAT SINK		
R946	QRE141J-221Y	C RESISTOR	220Ω 1/4W J		J91	QNS0022-001	JACK		
R953	QRJ146J-222X	UNF C RESISTOR	2.2kΩ 1/4W J		△ RY1	QSK0098-001	RELAY		
R954	QRE141J-221Y	C RESISTOR	220Ω 1/4W J		TA1	QNZ0079-001Z	TAB		
R955	QRE141J-221Y	C RESISTOR	220Ω 1/4W J		TA2	QNZ0079-001Z	TAB		
R956	QRE141J-221Y	C RESISTOR	220Ω 1/4W J		△ TH71	QAD0095-4R7Z	P THERMISTOR	4.7Ω M	
R957	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J		X901	QAX0246-001Z	C RESONATOR	8.00MHz	
R958	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J						
R959	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J						
R960	QRE141J-221Y	C RESISTOR	220Ω 1/4W J						
R961	QRZ9005-220X	FUSI RESISTOR	22Ω						
R962	QRZ9005-220X	FUSI RESISTOR	22Ω						
R963	QRJ146J-222X	UNF C RESISTOR	2.2kΩ 1/4W J						
R965	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J						
R966	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J						
R967	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J						
R968	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J						
R969	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J						
R971	QRJ146J-120X	UNF C RESISTOR	12Ω 1/4W J						
R973	QRJ146J-332X	UNF C RESISTOR	3.3kΩ 1/4W J						
R975	QRJ146J-220X	UNF C RESISTOR	22Ω 1/4W J						
R976	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J						
R977	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J						
R978	QRE141J-133Y	C RESISTOR	13kΩ 1/4W J						
R979	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J						
R980	QRE141J-221Y	C RESISTOR	220Ω 1/4W J						
R981	QRE141J-221Y	C RESISTOR	220Ω 1/4W J						
R982	QRE141J-221Y	C RESISTOR	220Ω 1/4W J						
R983	QRE141J-221Y	C RESISTOR	220Ω 1/4W J						
R984	QRE141J-221Y	C RESISTOR	220Ω 1/4W J						
R985	QRE141J-221Y	C RESISTOR	220Ω 1/4W J						
R987	QRE141J-221Y	C RESISTOR	220Ω 1/4W J						
R993	QRE141J-622Y	C RESISTOR	6.2kΩ 1/4W J						
R994	QRE141J-512Y	C RESISTOR	5.1kΩ 1/4W J						
R995	QRE141J-133Y	C RESISTOR	13kΩ 1/4W J						
R996	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J						
R997	QRE141J-153Y	C RESISTOR	15kΩ 1/4W J						
R998	QRE141J-562Y	C RESISTOR	5.6kΩ 1/4W J						
R999	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J						
△ T2	QQT0281-002	POWER TRANSF							
CN55	QGD2501C1-05Z	CONNECTOR	(1-5)						
CN71	QGB2510J1-06	CONNECTOR	B-B (1-6)						
CN72	QGB2510K1-06	CONNECTOR	B-B (1-6)						
CN81	QGB2510J1-06	CONNECTOR	B-B (1-6)						
CN82	QGB2510K1-06	CONNECTOR	B-B (1-6)						
CN101	QGB2510J1-04	CONNECTOR	B-B (1-4)						
CN201	QGB2510J1-12	CONNECTOR	B-B (1-12)						
CN241	QGB2510J1-10	CONNECTOR	B-B (1-10)						
CN301	QGB2510J1-04	CONNECTOR	B-B (1-4)						
CN303	QGB2510J1-18	CONNECTOR	B-B (1-18)						
CN334	QGF1205C1-06	CONNECTOR	FFC/FPC (1-6)						
CN400	QGF1205C1-09	CONNECTOR	FFC/FPC (1-9)						
CN402	QGF1205C1-05	CONNECTOR	FFC/FPC (1-5)						
CN601	QGB2510J1-07	CONNECTOR	B-B (1-7)						
CN811	QGA3901F2-03	CONNECTOR	W-B (1-3)						
CN931	QGD2501C1-04Z	CONNECTOR	(1-4)						
CN932	QGD2501C1-03Z	CONNECTOR	(1-3)						
EP1	E409182-001SM	GRAND TERMINAL							
EP51	QNZ0136-001Z	EARTH PLATE							
EP91	E406523-001SM	GND BKT							
EP901	QNZ0136-001Z	EARTH PLATE							
EP902	QNZ0136-001Z	EARTH PLATE							
FC1	QNG0020-001Z	FUSE CLIP							
FC2	QNG0020-001Z	FUSE CLIP							
FC3	QNG0020-001Z	FUSE CLIP							
FC4	QNG0020-001Z	FUSE CLIP							
FC61	QNG0020-001Z	FUSE CLIP							
FC62	QNG0020-001Z	FUSE CLIP							
FC63	QNG0020-001Z	FUSE CLIP							
FC64	QNG0020-001Z	FUSE CLIP							
FW51	QUM215-10DGZ4	PARA RIBON WIRE							

Power board

Block No. [0][4][0][0]

△ Symbol No.	Part No.	Part Name	Description	Local
Q701	2SC2240-BL/AB/T	TRANSISTOR		
Q702	2SC2240-BL/AB/T	TRANSISTOR		
Q703	2SC2240-BL/AB/T	TRANSISTOR		
Q704	2SC2240-BL/AB/T	TRANSISTOR		
Q705	KTA1268/GL-T	TRANSISTOR		
Q706	KTA1268/GL-T	TRANSISTOR		
Q707	KTA1268/GL-T	TRANSISTOR		
Q708	KTA1268/GL-T	TRANSISTOR		
Q709	KTA1268/GL-T	TRANSISTOR		
Q710	KTA1268/GL-T	TRANSISTOR		
Q711	KTC3200/GL-T	TRANSISTOR		
Q712	KTC3200/GL-T	TRANSISTOR		
△ Q761	2SD2390/PY/-F6	TRANSISTOR		
△ Q762	2SD2390/PY/-F6	TRANSISTOR		
△ Q763	2SB1560/PY/-F6	TRANSISTOR		
△ Q764	2SB1560/PY/-F6	TRANSISTOR		
Q771	KTC3200/GL-T	TRANSISTOR		
Q772	KTC3200/GL-T	TRANSISTOR		
Q773	KTA1268/GL-T	TRANSISTOR		
Q774	KTA1268/GL-T	TRANSISTOR		
Q781	2SD637/QR/	TRANSISTOR		
Q782	2SD637/QR/	TRANSISTOR		
Q791	KTA1268/GL-T	TRANSISTOR		
Q792	KTA1268/GL-T	TRANSISTOR		
Q1701	2SC2240-BL/AB/T	TRANSISTOR		
Q1702	2SC2240-BL/AB/T	TRANSISTOR		
Q1703	KTA1268/GL-T	TRANSISTOR		
Q1731	2SD637/QR/	TRANSISTOR		
△ Q1751	2SD2390/PY/-F6	TRANSISTOR		
△ Q1752	2SB1560/PY/-F6	TRANSISTOR		
Q1771	KTC3200/GL-T	TRANSISTOR		
Q1772	KTA1268/GL-T	TRANSISTOR		
Q1791	KTA1268/GL-T	TRANSISTOR		
Q1801	2SC2240-BL/AB/T	TRANSISTOR		
Q1802	2SC2240-BL/AB/T	TRANSISTOR		
Q1803	2SC2240-BL/AB/T	TRANSISTOR		
Q1804	2SC2240-BL/AB/T	TRANSISTOR		
Q1805	KTA1268/GL-T	TRANSISTOR		
Q1806	KTA1268/GL-T	TRANSISTOR		
Q1831	2SD637/QR/	TRANSISTOR		
Q1832	2SD637/QR/	TRANSISTOR		
△ Q1851	2SD2390/PY/-F6	TRANSISTOR		
△ Q1852	2SD2390/PY/-F6	TRANSISTOR		
△ Q1853	2SB1560/PY/-F6	TRANSISTOR		
△ Q1854	2SB1560/PY/-F6	TRANSISTOR		
Q1871	KTC3200/GL-T	TRANSISTOR		
Q1872	KTC3200/GL-T	TRANSISTOR		
Q1873	KTA1268/GL-T	TRANSISTOR		
Q1874	KTA1268/GL-T	TRANSISTOR		
Q1891	KTA1268/GL-T	TRANSISTOR		
Q1892	KTA1268/GL-T	TRANSISTOR		
Q1901	2SC2240-BL/AB/T	TRANSISTOR		
Q1902	2SC2240-BL/AB/T	TRANSISTOR		
Q1903	KTA1268/GL-T	TRANSISTOR		
Q1931	2SD637/QR/	TRANSISTOR		
△ Q1951	2SD2390/PY/-F6	TRANSISTOR		

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
△ Q1952	2SB1560/PY-F6	TRANSISTOR			C1752	QCS32HJ-470Z	C CAPACITOR	47pF 500V J	
Q1971	KTC3200/GL-T	TRANSISTOR			C1761	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J	
Q1972	KTA1268/GL-T	TRANSISTOR			C1762	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J	
Q1991	KTA1268/GL-T	TRANSISTOR			C1791	QCF31HZ-223Z	C CAPACITOR	0.022uF 50V Z	
D701	1SS133-T2	DIODE			C1801	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
D702	1SS133-T2	DIODE			C1802	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
D703	1SS133-T2	DIODE			C1803	QCS31HJ-101Z	C CAPACITOR	100pF 50V J	
D704	1SS133-T2	DIODE			C1804	QCS31HJ-101Z	C CAPACITOR	100pF 50V J	
D771	1SS133-T2	DIODE			C1805	QCS31HJ-221Z	C CAPACITOR	220pF 50V J	
D772	1SS133-T2	DIODE			C1806	QCS31HJ-221Z	C CAPACITOR	220pF 50V J	
D773	1SS133-T2	DIODE			C1807	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
D774	1SS133-T2	DIODE			C1808	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
D791	1SS133-T2	DIODE			C1809	QCS31HJ-5R0Z	C CAPACITOR	5pF 50V J	
D792	1SS133-T2	DIODE			C1810	QCS31HJ-5R0Z	C CAPACITOR	5pF 50V J	
D1701	1SS133-T2	DIODE			C1811	QCS32HJ-330Z	C CAPACITOR	33pF 500V J	
D1771	1SS133-T2	DIODE			C1812	QCS32HJ-330Z	C CAPACITOR	33pF 500V J	
D1772	1SS133-T2	DIODE			C1813	QFLC1HJ-103Z	M CAPACITOR	0.01uF 50V J	
D1791	1SS133-T2	DIODE			C1814	QFLC1HJ-103Z	M CAPACITOR	0.01uF 50V J	
D1801	1SS133-T2	DIODE			C1815	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
D1802	1SS133-T2	DIODE			C1816	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
D1871	1SS133-T2	DIODE			C1817	QETN1HM-476Z	E CAPACITOR	47uF 50V M	
D1872	1SS133-T2	DIODE			C1818	QETN1HM-476Z	E CAPACITOR	47uF 50V M	
D1873	1SS133-T2	DIODE			C1841	QETN2AM-476Z	E CAPACITOR	47uF 100V M	
D1874	1SS133-T2	DIODE			C1842	QETN2AM-476Z	E CAPACITOR	47uF 100V M	
D1891	1SS133-T2	DIODE			C1843	QETN2AM-476Z	E CAPACITOR	47uF 100V M	
D1892	1SS133-T2	DIODE			C1844	QETN2AM-476Z	E CAPACITOR	47uF 100V M	
D1901	1SS133-T2	DIODE			C1851	QCS32HJ-470Z	C CAPACITOR	47pF 500V J	
D1971	1SS133-T2	DIODE			C1852	QCS32HJ-470Z	C CAPACITOR	47pF 500V J	
D1992	1SS133-T2	DIODE			C1853	QCS32HJ-470Z	C CAPACITOR	47pF 500V J	
D1993	1SS133-T2	DIODE			C1854	QCS32HJ-470Z	C CAPACITOR	47pF 500V J	
C701	QTE1V06-106Z	E CAPACITOR	10uF 35V		C1861	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J	
C702	QTE1V06-106Z	E CAPACITOR	10uF 35V		C1862	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J	
C703	QCS31HJ-101Z	C CAPACITOR	100pF 50V J		C1863	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J	
C704	QCS31HJ-101Z	C CAPACITOR	100pF 50V J		C1864	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J	
C705	QCS31HJ-101Z	C CAPACITOR	100pF 50V J		C1891	QCF31HZ-223Z	C CAPACITOR	0.022uF 50V Z	
C706	QCS31HJ-101Z	C CAPACITOR	100pF 50V J		C1892	QCF31HZ-223Z	C CAPACITOR	0.022uF 50V Z	
C707	QETN1CM-107Z	E CAPACITOR	100uF 16V M		C1901	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C708	QETN1CM-107Z	E CAPACITOR	100uF 16V M		C1902	QCS31HJ-101Z	C CAPACITOR	100pF 50V J	
C709	QCS31HJ-100Z	C CAPACITOR	10pF 50V J		C1903	QCS31HJ-101Z	C CAPACITOR	100pF 50V J	
C710	QCS31HJ-100Z	C CAPACITOR	10pF 50V J		C1904	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C711	QFLC1HJ-103Z	M CAPACITOR	0.01uF 50V J		C1905	QCS31HJ-5R0Z	C CAPACITOR	5pF 50V J	
C712	QFLC1HJ-103Z	M CAPACITOR	0.01uF 50V J		C1911	QCS32HJ-330Z	C CAPACITOR	33pF 500V J	
C713	QCS31HJ-680Z	C CAPACITOR	68pF 50V J		C1912	QFLC1HJ-103Z	M CAPACITOR	0.01uF 50V J	
C714	QCS31HJ-680Z	C CAPACITOR	68pF 50V J		C1913	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C715	QCS31HJ-680Z	C CAPACITOR	68pF 50V J		C1915	QETN1HM-476Z	E CAPACITOR	47uF 50V M	
C716	QCS31HJ-680Z	C CAPACITOR	68pF 50V J		C1941	QETN2AM-476Z	E CAPACITOR	47uF 100V M	
C717	QCS32HJ-220Z	C CAPACITOR	22pF 500V J		C1943	QETN2AM-476Z	E CAPACITOR	47uF 100V M	
C718	QCS32HJ-220Z	C CAPACITOR	22pF 500V J		C1951	QCS32HJ-470Z	C CAPACITOR	47pF 500V J	
C719	QFLC1HJ-472Z	M CAPACITOR	4700pF 50V J		C1952	QCS32HJ-470Z	C CAPACITOR	47pF 500V J	
C720	QFLC1HJ-472Z	M CAPACITOR	4700pF 50V J		C1961	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J	
C741	QETN2AM-476Z	E CAPACITOR	47uF 100V M		C1962	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J	
C742	QETN2AM-476Z	E CAPACITOR	47uF 100V M		C1991	QCF31HZ-223Z	C CAPACITOR	0.022uF 50V Z	
C745	QETN2AM-476Z	E CAPACITOR	47uF 100V M		R701	QRE141J-222Y	C RESISTOR	2.2kΩ 1/4W J	
C746	QETN2AM-476Z	E CAPACITOR	47uF 100V M		R702	QRE141J-222Y	C RESISTOR	2.2kΩ 1/4W J	
C751	QCS32HJ-470Z	C CAPACITOR	47pF 500V J		R703	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
C752	QCS32HJ-470Z	C CAPACITOR	47pF 500V J		R704	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
C753	QCS32HJ-470Z	C CAPACITOR	47pF 500V J		R705	QRE141J-202Y	C RESISTOR	2kΩ 1/4W J	
C754	QCS32HJ-470Z	C CAPACITOR	47pF 500V J		R706	QRE141J-202Y	C RESISTOR	2kΩ 1/4W J	
C791	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J		R707	QRE141J-202Y	C RESISTOR	2kΩ 1/4W J	
C792	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J		R708	QRE141J-202Y	C RESISTOR	2kΩ 1/4W J	
C793	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J		R709	QRE141J-912Y	C RESISTOR	9.1kΩ 1/4W J	
C794	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J		R710	QRE141J-912Y	C RESISTOR	9.1kΩ 1/4W J	
C795	QCF31HZ-223Z	C CAPACITOR	0.022uF 50V Z		R711	QRE141J-621Y	C RESISTOR	620Ω 1/4W J	
C796	QCF31HZ-223Z	C CAPACITOR	0.022uF 50V Z		R712	QRE141J-621Y	C RESISTOR	620Ω 1/4W J	
C1701	QETN1HM-105Z	E CAPACITOR	1uF 50V M		R715	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
C1702	QCS31HJ-101Z	C CAPACITOR	100pF 50V J		R716	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
C1703	QCS31HJ-221Z	C CAPACITOR	220pF 50V J		R717	QRJ146J-562X	UNF C RESISTOR	5.6kΩ 1/4W J	
C1704	QETN1CM-107Z	E CAPACITOR	100uF 16V M		R718	QRJ146J-562X	UNF C RESISTOR	5.6kΩ 1/4W J	
C1705	QCS31HJ-5R0Z	C CAPACITOR	5pF 50V J		R719	QRK126J-103X	UNF C RESISTOR	10kΩ 1/2W J	
C1711	QCS32HJ-330Z	C CAPACITOR	33pF 500V J		R720	QRK126J-103X	UNF C RESISTOR	10kΩ 1/2W J	
C1712	QFLC1HJ-103Z	M CAPACITOR	0.01uF 50V J		R721	QRJ146J-151X	UNF C RESISTOR	150Ω 1/4W J	
C1713	QETN1CM-107Z	E CAPACITOR	100uF 16V M		R722	QRJ146J-151X	UNF C RESISTOR	150Ω 1/4W J	
C1715	QETN1HM-476Z	E CAPACITOR	47uF 50V M		R723	QRE141J-391Y	C RESISTOR	390Ω 1/4W J	
C1741	QETN2AM-476Z	E CAPACITOR	47uF 100V M		R724	QRE141J-391Y	C RESISTOR	390Ω 1/4W J	
C1743	QETN2AM-476Z	E CAPACITOR	47uF 100V M		R725	QRE141J-152Y	C RESISTOR	1.5kΩ 1/4W J	
C1751	QCS32HJ-470Z	C CAPACITOR	47pF 500V J		R726	QRE141J-152Y	C RESISTOR	1.5kΩ 1/4W J	
					R727	QRE141J-333Y	C RESISTOR	33kΩ 1/4W J	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
R728	QRE141J-333Y	C RESISTOR	33kΩ	1/4W J	R1823	QRE141J-332Y	C RESISTOR	3.3kΩ	1/4W J
R729	QRE141J-391Y	C RESISTOR	390Ω	1/4W J	R1824	QRE141J-332Y	C RESISTOR	3.3kΩ	1/4W J
R730	QRE141J-391Y	C RESISTOR	390Ω	1/4W J	R1825	QRE141J-332Y	C RESISTOR	3.3kΩ	1/4W J
R731	QRE141J-391Y	C RESISTOR	390Ω	1/4W J	R1826	QRE141J-332Y	C RESISTOR	3.3kΩ	1/4W J
R732	QRE141J-391Y	C RESISTOR	390Ω	1/4W J	R1827	QRE141J-332Y	C RESISTOR	3.3kΩ	1/4W J
R733	QRE141J-221Y	C RESISTOR	220Ω	1/4W J	R1828	QRE141J-332Y	C RESISTOR	3.3kΩ	1/4W J
R734	QRE141J-221Y	C RESISTOR	220Ω	1/4W J	R1829	QRE141J-332Y	C RESISTOR	3.3kΩ	1/4W J
R761	QRJ146J-100X	UNF C RESISTOR	10Ω	1/4W J	R1830	QRE141J-332Y	C RESISTOR	3.3kΩ	1/4W J
R762	QRJ146J-100X	UNF C RESISTOR	10Ω	1/4W J	R1831	QRE141J-911Y	C RESISTOR	910Ω	1/4W J
R763	QRJ146J-100X	UNF C RESISTOR	10Ω	1/4W J	R1832	QRE141J-911Y	C RESISTOR	910Ω	1/4W J
R764	QRJ146J-100X	UNF C RESISTOR	10Ω	1/4W J	R1833	QRE141J-391Y	C RESISTOR	390Ω	1/4W J
R771	QRE141J-391Y	C RESISTOR	390Ω	1/4W J	R1834	QRE141J-391Y	C RESISTOR	390Ω	1/4W J
R772	QRE141J-391Y	C RESISTOR	390Ω	1/4W J	R1835	QRE141J-271Y	C RESISTOR	270Ω	1/4W J
R773	QRE141J-391Y	C RESISTOR	390Ω	1/4W J	R1836	QRE141J-271Y	C RESISTOR	270Ω	1/4W J
R774	QRE141J-391Y	C RESISTOR	390Ω	1/4W J	R1841	QRJ146J-221X	UNF C RESISTOR	220Ω	1/4W J
R775	QRE141J-201Y	C RESISTOR	200Ω	1/4W J	R1842	QRJ146J-221X	UNF C RESISTOR	220Ω	1/4W J
R776	QRE141J-201Y	C RESISTOR	200Ω	1/4W J	R1851	QRJ146J-100X	UNF C RESISTOR	10Ω	1/4W J
R777	QRE141J-201Y	C RESISTOR	200Ω	1/4W J	R1852	QRJ146J-100X	UNF C RESISTOR	10Ω	1/4W J
R778	QRE141J-201Y	C RESISTOR	200Ω	1/4W J	R1853	QRJ146J-100X	UNF C RESISTOR	10Ω	1/4W J
R779	QRZ0218-R22	EMIT RESISTOR	0.22Ω		R1854	QRJ146J-100X	UNF C RESISTOR	10Ω	1/4W J
R780	QRZ0218-R22	EMIT RESISTOR	0.22Ω		R1855	QRZ0218-R22	EMIT RESISTOR	0.22Ω	
R781	QRE141J-391Y	C RESISTOR	390Ω	1/4W J	R1856	QRZ0218-R22	EMIT RESISTOR	0.22Ω	
R782	QRE141J-391Y	C RESISTOR	390Ω	1/4W J	R1861	QRJ125J-330	UNF C RESISTOR	33Ω	1/2W J
R783	QRE141J-621Y	C RESISTOR	620Ω	1/4W J	R1862	QRJ125J-330	UNF C RESISTOR	33Ω	1/2W J
R784	QRE141J-621Y	C RESISTOR	620Ω	1/4W J	R1863	QRL027J-100	OMF RESISTOR	10Ω	2W J
R787	QRE141J-473Y	C RESISTOR	47kΩ	1/4W J	R1864	QRL027J-100	OMF RESISTOR	10Ω	2W J
R788	QRE141J-473Y	C RESISTOR	47kΩ	1/4W J	R1871	QRE141J-391Y	C RESISTOR	390Ω	1/4W J
R789	QRE141J-271Y	C RESISTOR	270Ω	1/4W J	R1872	QRE141J-391Y	C RESISTOR	390Ω	1/4W J
R790	QRE141J-271Y	C RESISTOR	270Ω	1/4W J	R1873	QRE141J-391Y	C RESISTOR	390Ω	1/4W J
R791	QRJ125J-330	UNF C RESISTOR	33Ω	1/2W J	R1874	QRE141J-391Y	C RESISTOR	390Ω	1/4W J
R792	QRJ125J-330	UNF C RESISTOR	33Ω	1/2W J	R1875	QRE141J-201Y	C RESISTOR	200Ω	1/4W J
R793	QRL027J-100	OMF RESISTOR	10Ω	2W J	R1876	QRE141J-201Y	C RESISTOR	200Ω	1/4W J
R794	QRL027J-100	OMF RESISTOR	10Ω	2W J	R1877	QRE141J-201Y	C RESISTOR	200Ω	1/4W J
R795	QRE141J-102Y	C RESISTOR	1kΩ	1/4W J	R1878	QRE141J-201Y	C RESISTOR	200Ω	1/4W J
R796	QRE141J-102Y	C RESISTOR	1kΩ	1/4W J	R1891	QRE141J-102Y	C RESISTOR	1kΩ	1/4W J
R797	QRE141J-153Y	C RESISTOR	15kΩ	1/4W J	R1892	QRE141J-102Y	C RESISTOR	1kΩ	1/4W J
R798	QRE141J-153Y	C RESISTOR	15kΩ	1/4W J	R1893	QRE141J-183Y	C RESISTOR	18kΩ	1/4W J
R1701	QRE141J-222Y	C RESISTOR	2.2kΩ	1/4W J	R1894	QRE141J-183Y	C RESISTOR	18kΩ	1/4W J
R1702	QRE141J-683Y	C RESISTOR	68kΩ	1/4W J	R1895	QRE141J-473Y	C RESISTOR	47kΩ	1/4W J
R1703	QRE141J-202Y	C RESISTOR	2kΩ	1/4W J	R1896	QRE141J-473Y	C RESISTOR	47kΩ	1/4W J
R1705	QRE141J-123Y	C RESISTOR	12kΩ	1/4W J	R1901	QRE141J-222Y	C RESISTOR	2.2kΩ	1/4W J
R1711	QRE141J-331Y	C RESISTOR	330Ω	1/4W J	R1902	QRE141J-683Y	C RESISTOR	68kΩ	1/4W J
R1712	QRE141J-563Y	C RESISTOR	56kΩ	1/4W J	R1903	QRE141J-202Y	C RESISTOR	2kΩ	1/4W J
R1721	QRJ146J-221X	UNF C RESISTOR	220Ω	1/4W J	R1905	QRE141J-123Y	C RESISTOR	12kΩ	1/4W J
R1722	QRE141J-332Y	C RESISTOR	3.3kΩ	1/4W J	R1911	QRE141J-331Y	C RESISTOR	330Ω	1/4W J
R1723	QRE141J-332Y	C RESISTOR	3.3kΩ	1/4W J	R1912	QRE141J-563Y	C RESISTOR	56kΩ	1/4W J
R1724	QRE141J-332Y	C RESISTOR	3.3kΩ	1/4W J	R1921	QRJ146J-221X	UNF C RESISTOR	220Ω	1/4W J
R1725	QRE141J-332Y	C RESISTOR	3.3kΩ	1/4W J	R1922	QRE141J-332Y	C RESISTOR	3.3kΩ	1/4W J
R1731	QRE141J-911Y	C RESISTOR	910Ω	1/4W J	R1923	QRE141J-332Y	C RESISTOR	3.3kΩ	1/4W J
R1732	QRE141J-391Y	C RESISTOR	390Ω	1/4W J	R1924	QRE141J-332Y	C RESISTOR	3.3kΩ	1/4W J
R1733	QRE141J-271Y	C RESISTOR	270Ω	1/4W J	R1925	QRE141J-332Y	C RESISTOR	3.3kΩ	1/4W J
R1741	QRJ146J-221X	UNF C RESISTOR	220Ω	1/4W J	R1931	QRE141J-911Y	C RESISTOR	910Ω	1/4W J
R1751	QRJ146J-100X	UNF C RESISTOR	10Ω	1/4W J	R1932	QRE141J-391Y	C RESISTOR	390Ω	1/4W J
R1752	QRJ146J-100X	UNF C RESISTOR	10Ω	1/4W J	R1933	QRE141J-271Y	C RESISTOR	270Ω	1/4W J
R1753	QRZ0218-R22	EMIT RESISTOR	0.22Ω		R1941	QRJ146J-221X	UNF C RESISTOR	220Ω	1/4W J
R1761	QRJ125J-330	UNF C RESISTOR	33Ω	1/2W J	R1951	QRJ146J-100X	UNF C RESISTOR	10Ω	1/4W J
R1762	QRL027J-100	OMF RESISTOR	10Ω	2W J	R1952	QRJ146J-100X	UNF C RESISTOR	10Ω	1/4W J
R1771	QRE141J-391Y	C RESISTOR	390Ω	1/4W J	R1953	QRZ0218-R22	EMIT RESISTOR	0.22Ω	
R1772	QRE141J-391Y	C RESISTOR	390Ω	1/4W J	R1961	QRJ125J-330	UNF C RESISTOR	33Ω	1/2W J
R1773	QRE141J-201Y	C RESISTOR	200Ω	1/4W J	R1962	QRL027J-100	OMF RESISTOR	10Ω	2W J
R1774	QRE141J-201Y	C RESISTOR	200Ω	1/4W J	R1971	QRE141J-391Y	C RESISTOR	390Ω	1/4W J
R1791	QRE141J-102Y	C RESISTOR	1kΩ	1/4W J	R1972	QRE141J-391Y	C RESISTOR	390Ω	1/4W J
R1793	QRE141J-183Y	C RESISTOR	18kΩ	1/4W J	R1973	QRE141J-201Y	C RESISTOR	200Ω	1/4W J
R1795	QRE141J-473Y	C RESISTOR	47kΩ	1/4W J	R1991	QRE141J-102Y	C RESISTOR	1kΩ	1/4W J
R1801	QRE141J-222Y	C RESISTOR	2.2kΩ	1/4W J	R1993	QRE141J-183Y	C RESISTOR	18kΩ	1/4W J
R1802	QRE141J-222Y	C RESISTOR	2.2kΩ	1/4W J	R1994	QRE141J-201Y	C RESISTOR	200Ω	1/4W J
R1803	QRE141J-683Y	C RESISTOR	68kΩ	1/4W J	R1995	QRE141J-473Y	C RESISTOR	47kΩ	1/4W J
R1804	QRE141J-683Y	C RESISTOR	68kΩ	1/4W J	VR787	QVP0008-501Z	TRIM RESISTOR	500Ω	
R1805	QRE141J-202Y	C RESISTOR	2kΩ	1/4W J	VR788	QVP0008-501Z	TRIM RESISTOR	500Ω	
R1806	QRE141J-202Y	C RESISTOR	2kΩ	1/4W J					
R1809	QRE141J-123Y	C RESISTOR	12kΩ	1/4W J	L791	QQLZ003-1R0	COIL	1uH	
R1810	QRE141J-123Y	C RESISTOR	12kΩ	1/4W J	L792	QQLZ003-1R0	COIL	1uH	
R1811	QRE141J-331Y	C RESISTOR	330Ω	1/4W J	L1761	QQLZ005-R45	COIL	0.45uH	
R1812	QRE141J-331Y	C RESISTOR	330Ω	1/4W J	L1861	QQLZ005-R45	COIL	0.45uH	
R1813	QRE141J-563Y	C RESISTOR	56kΩ	1/4W J	L1862	QQLZ005-R45	COIL	0.45uH	
R1814	QRE141J-563Y	C RESISTOR	56kΩ	1/4W J	L1961	QQLZ005-R45	COIL	0.45uH	
R1821	QRJ146J-221X	UNF C RESISTOR	220Ω	1/4W J					
R1822	QRJ146J-221X	UNF C RESISTOR	220Ω	1/4W J	CN711	QGB2510K1-12	CONNECTOR	B-B (1-12)	

△ Symbol No.	Part No.	Part Name	Description	Local
CN712	QGB2510K1-12	CONNECTOR	B-B (1-12)	
CN713	QGB2510K1-10	CONNECTOR	B-B (1-10)	
CN714	QGA2501F1-02	CONNECTOR	W-B (1-2)	
CN715	QGB2510K1-12	CONNECTOR	B-B (1-12)	
CN716	QGB2510K1-12	CONNECTOR	B-B (1-12)	
CN717	QGA2001F1-03	CONNECTOR	W-B (1-3)	
CN718	QGB2510K1-10	CONNECTOR	B-B (1-10)	
CN719	QGA2501F1-03	CONNECTOR	W-B (1-3)	
CN722	QGA2001F1-02	CONNECTOR	W-B (1-2)	
TH731	QAD0012-202	THERMISTOR	2kΩ L	
TH783	QAD0012-202	THERMISTOR	2kΩ L	
TH784	QAD0012-202	THERMISTOR	2kΩ L	
TH831	QAD0012-202	THERMISTOR	2kΩ L	
TH832	QAD0012-202	THERMISTOR	2kΩ L	
TH901	QAD0012-202	THERMISTOR	2kΩ L	

△ Symbol No.	Part No.	Part Name	Description	Local
C333	NCS31HJ-681X	C CAPACITOR	680pF 50V J	
C334	NCS31HJ-681X	C CAPACITOR	680pF 50V J	
C361	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C362	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C363	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C364	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C430	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C431	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	
C460	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C461	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C462	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C463	NCS31HJ-470X	C CAPACITOR	47pF 50V J	
C464	NCS31HJ-470X	C CAPACITOR	47pF 50V J	
C465	NCS31HJ-470X	C CAPACITOR	47pF 50V J	
C466	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1301	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C1302	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C1303	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C1309	QENC1HM-106Z	BP E CAPACITOR	10uF 50V M	
C1310	QETN1CM-226Z	E CAPACITOR	22uF 16V M	
C1311	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1312	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1313	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1314	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1315	QER61HM-224Z	E CAPACITOR	0.22uF 50V M	
C1316	QER61HM-224Z	E CAPACITOR	0.22uF 50V M	
C1319	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C1321	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1322	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1323	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1324	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1325	QER61HM-224Z	E CAPACITOR	0.22uF 50V M	
C1326	QER61HM-224Z	E CAPACITOR	0.22uF 50V M	
C1329	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C1331	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1332	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1333	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1334	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1339	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C1341	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1343	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1344	QETN1CM-226Z	E CAPACITOR	22uF 16V M	
C1349	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C1350	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C1360	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	
C1361	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C1362	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C1363	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1364	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1365	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1366	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1367	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	
C1373	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C1374	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1375	QETN1EM-226Z	E CAPACITOR	22uF 25V M	
C1376	QETN1CM-226Z	E CAPACITOR	22uF 16V M	
C1377	QETN1EM-226Z	E CAPACITOR	22uF 25V M	
C1379	QETN1EM-226Z	E CAPACITOR	22uF 25V M	
C1381	NCS31HJ-470X	C CAPACITOR	47pF 50V J	
C1382	NCS31HJ-470X	C CAPACITOR	47pF 50V J	
C1383	NCS31HJ-470X	C CAPACITOR	47pF 50V J	
C1384	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C1385	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1386	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1387	NCS31HJ-470X	C CAPACITOR	47pF 50V J	
C1388	NCS31HJ-470X	C CAPACITOR	47pF 50V J	
C1389	NCS31HJ-470X	C CAPACITOR	47pF 50V J	
C1390	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C1391	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1392	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1393	NCS31HJ-101X	C CAPACITOR	100pF 50V J	
C1394	NCS31HJ-101X	C CAPACITOR	100pF 50V J	
C1395	NCS31HJ-101X	C CAPACITOR	100pF 50V J	
C1396	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C1397	QETN1AM-107Z	E CAPACITOR	100uF 10V M	
C1398	QETN1AM-107Z	E CAPACITOR	100uF 10V M	
C1411	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1412	QETN1HM-106Z	E CAPACITOR	10uF 50V M	

Input board

Block No. [0][5][0][0]

△ Symbol No.	Part No.	Part Name	Description	Local
PW401	QUB130-24PPDM	SIN TWIST WIRE		
IC304	HA17558AF-X	IC		
IC380	TC9162AF-X	IC		
IC381	TC9459F-X	IC		
IC382	TC9459F-X	IC		
IC383	TC9459F-X	IC		
IC384	TC9459F-X	IC		
IC386	HA17558AF-X	IC		
IC389	MM74HC4053SJ-X	IC		
IC390	NJM2580M-X	IC		
IC396	HA17558AF-X	IC		
IC397	HA17558AF-X	IC		
IC398	HA17558AF-X	IC		
IC399	HA17558AF-X	IC		
Q1310	KRA104S-X	DIGI TRANSISTOR		
Q1313	2SC3576-JVC-T	TRANSISTOR		
Q1314	2SC3576-JVC-T	TRANSISTOR		
Q1324	2SC3576-JVC-T	TRANSISTOR		
Q1333	2SC3576-JVC-T	TRANSISTOR		
Q1334	2SC3576-JVC-T	TRANSISTOR		
Q1421	2SC3576-JVC-T	TRANSISTOR		
Q1422	2SC3576-JVC-T	TRANSISTOR		
Q1428	KRC107S-X	DIGI TRANSISTOR		
Q1429	KRA104S-X	DIGI TRANSISTOR		
Q1441	2SC3576-JVC-T	TRANSISTOR		
Q1442	2SC3576-JVC-T	TRANSISTOR		
Q1445	2SC3576-JVC-T	TRANSISTOR		
Q1447	KRA104S-X	DIGI TRANSISTOR		
Q1448	KRC107S-X	DIGI TRANSISTOR		
Q1449	KRA104S-X	DIGI TRANSISTOR		
Q1461	2SC3576-JVC-T	TRANSISTOR		
Q1462	2SC3576-JVC-T	TRANSISTOR		
Q1468	KRC107S-X	DIGI TRANSISTOR		
Q1469	KRA104S-X	DIGI TRANSISTOR		
Q1481	2SC3576-JVC-T	TRANSISTOR		
Q1482	2SC3576-JVC-T	TRANSISTOR		
Q1488	KRC107S-X	DIGI TRANSISTOR		
Q1489	KRA104S-X	DIGI TRANSISTOR		
Q1490	KRA104S-X	DIGI TRANSISTOR		
Q1491	2SC3576-JVC-T	TRANSISTOR		
Q1492	2SC3576-JVC-T	TRANSISTOR		
D1428	1SS355-X	SI DIODE		
D1429	1SS355-X	SI DIODE		
D1448	1SS355-X	SI DIODE		
D1449	1SS355-X	SI DIODE		
D1468	1SS355-X	SI DIODE		
D1469	1SS355-X	SI DIODE		
D1488	1SS355-X	SI DIODE		
D1489	1SS355-X	SI DIODE		

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
C1413	QETN1HM-106Z	E CAPACITOR	10uF 50V M		R1364	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C1414	QETN1HM-106Z	E CAPACITOR	10uF 50V M		R1365	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C1428	QETN1CM-226Z	E CAPACITOR	22uF 16V M		R1366	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C1431	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R1367	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C1432	QETN1HM-106Z	E CAPACITOR	10uF 50V M		R1368	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C1433	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R1369	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C1434	QETN1HM-106Z	E CAPACITOR	10uF 50V M		R1370	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C1439	QETN1EM-476Z	E CAPACITOR	47uF 25V M		R1373	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
C1440	QETN1EM-476Z	E CAPACITOR	47uF 25V M		R1385	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C1448	QETN1CM-226Z	E CAPACITOR	22uF 16V M		R1386	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C1451	QETN1HM-106Z	E CAPACITOR	10uF 50V M		R1387	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C1452	QETN1HM-106Z	E CAPACITOR	10uF 50V M		R1388	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C1453	QETN1HM-106Z	E CAPACITOR	10uF 50V M		R1389	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C1454	QETN1HM-106Z	E CAPACITOR	10uF 50V M		R1390	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C1468	QETN1CM-226Z	E CAPACITOR	22uF 16V M		R1391	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C1471	QETN1HM-106Z	E CAPACITOR	10uF 50V M		R1392	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C1473	QETN1HM-106Z	E CAPACITOR	10uF 50V M		R1393	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C1474	QETN1HM-106Z	E CAPACITOR	10uF 50V M		R1394	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
C1488	QETN1CM-226Z	E CAPACITOR	22uF 16V M		R1395	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
C1491	NCB31HK-331X	C CAPACITOR	330pF 50V K		R1396	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
C1492	NCB31HK-331X	C CAPACITOR	330pF 50V K		R1411	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C1493	NCB31HK-331X	C CAPACITOR	330pF 50V K		R1412	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C1494	NCB31HK-331X	C CAPACITOR	330pF 50V K		R1413	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
C1495	NCB31HK-331X	C CAPACITOR	330pF 50V K		R1414	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
C1496	NCB31HK-331X	C CAPACITOR	330pF 50V K		R1415	NRSA63J-512X	MG RESISTOR	5.1kΩ 1/16W J	
C1497	NCB31HK-331X	C CAPACITOR	330pF 50V K		R1416	NRSA63J-512X	MG RESISTOR	5.1kΩ 1/16W J	
C1498	NCB31HK-331X	C CAPACITOR	330pF 50V K		R1417	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C1499	QCZ0202-155Z	C CAPACITOR	1.5uF 25V Z		R1418	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R333	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R1421	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R334	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R1422	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R361	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R1423	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R362	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R1424	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R363	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R1428	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R364	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R1429	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R365	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R1431	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R366	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R1432	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R470	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J		R1433	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R471	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J		R1434	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R472	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J		R1435	NRSA63J-912X	MG RESISTOR	9.1kΩ 1/16W J	
R473	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R1436	NRSA63J-512X	MG RESISTOR	5.1kΩ 1/16W J	
R474	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R1437	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R492	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		R1438	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R495	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R1439	QRZ9005-680X	F RESISTOR	68Ω	
R1301	QRZ9005-680X	F RESISTOR	68Ω		R1440	QRZ9005-680X	F RESISTOR	68Ω	
R1302	QRZ9005-680X	F RESISTOR	68Ω		R1441	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1303	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		R1442	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1304	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		R1443	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1305	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R1444	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1306	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R1445	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1307	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J		R1446	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1308	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J		R1447	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R1309	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J		R1448	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1310	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R1449	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R1311	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R1451	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1312	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R1452	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1313	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R1453	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1314	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R1454	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1315	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R1455	NRSA63J-512X	MG RESISTOR	5.1kΩ 1/16W J	
R1316	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R1456	NRSA63J-512X	MG RESISTOR	5.1kΩ 1/16W J	
R1321	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R1457	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1322	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R1458	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1324	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R1461	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1326	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R1462	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1331	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R1463	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1332	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R1464	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1333	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R1468	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1334	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R1469	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R1335	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R1471	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1336	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R1472	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J	
R1341	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R1473	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1342	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R1474	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1343	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J		R1475	NRSA63J-512X	MG RESISTOR	5.1kΩ 1/16W J	
R1350	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R1476	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1351	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		R1477	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1361	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R1478	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1362	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J		R1481	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1363	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R1482	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
					R1483	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
R1484	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		Q2202	2SD2114K/VW/-X	TRANSISTOR		
R1486	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J		Q2273	2SC2412K/RS/-X	TRANSISTOR		
R1487	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		Q2274	2SC2412K/RS/-X	TRANSISTOR		
R1488	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		Q2301	2SD2114K/VW/-X	TRANSISTOR		
R1489	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J		Q2302	2SD2114K/VW/-X	TRANSISTOR		
R1490	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		Q2363	2SD2114K/VW/-X	TRANSISTOR		

CN205	QGB1214J1-10S	CONNECTOR	B-B (1-10)		Q2375	2SC2412K/RS/-X	TRANSISTOR		
CN361	QGB1214J1-06S	CONNECTOR	B-B (1-6)		Q2376	2SC2412K/RS/-X	TRANSISTOR		
CN381	QGB1214J1-18S	CONNECTOR	B-B (1-18)		Q2401	2SD2114K/VW/-X	TRANSISTOR		
CN406	WJP0048-001A	E-SH C WIRE C-B			Q2431	2SC2412K/RS/-X	TRANSISTOR		
CN413	QJK025-020801	SIN CR C-B WIRE			Q2801	2SD2114K/VW/-X	TRANSISTOR		
CN501	QGB1214J1-14S	CONNECTOR	B-B (1-14)						
CN731	QJP002-021901	SHI CR C-B WIRE			C571	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
CN732	QJP001-031701	SHI CR C-B WIRE			C572	NEA70GM-107X	E CAPACITOR	100uF 4V M	
CN733	QJP017-021701	SHI CR C-B WIRE			C573	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
CN734	WJP0047-001A	E-SH C WIRE C-B			C577	NCS31HJ-101X	C CAPACITOR	100pF 50V J	
CN735	QJP007-031301	CONNECTOR			C579	NCS31HJ-101X	C CAPACITOR	100pF 50V J	
J400	QNZ0647-001	JACK UNIT			C581	NEA71CM-106X	E CAPACITOR	10uF 16V M	
J1350	QNS0089-001	3.5 JACK			C582	NEA71CM-106X	E CAPACITOR	10uF 16V M	
J1360	QNN0548-001	4PIN JACK ASSY			C583	NEA70JM-476X	E CAPACITOR	47uF 6.3V M	
J1380	QNN0391-001	PIN JACK			C584	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
J1490	QNN0549-001	PIN JACK			C587	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
J1491	QNN0485-001	PIN JACK			C588	NEA70JM-227X	E CAPACITOR	220uF 6.3V M	

DSP board

Block No. [0][6][0][0]

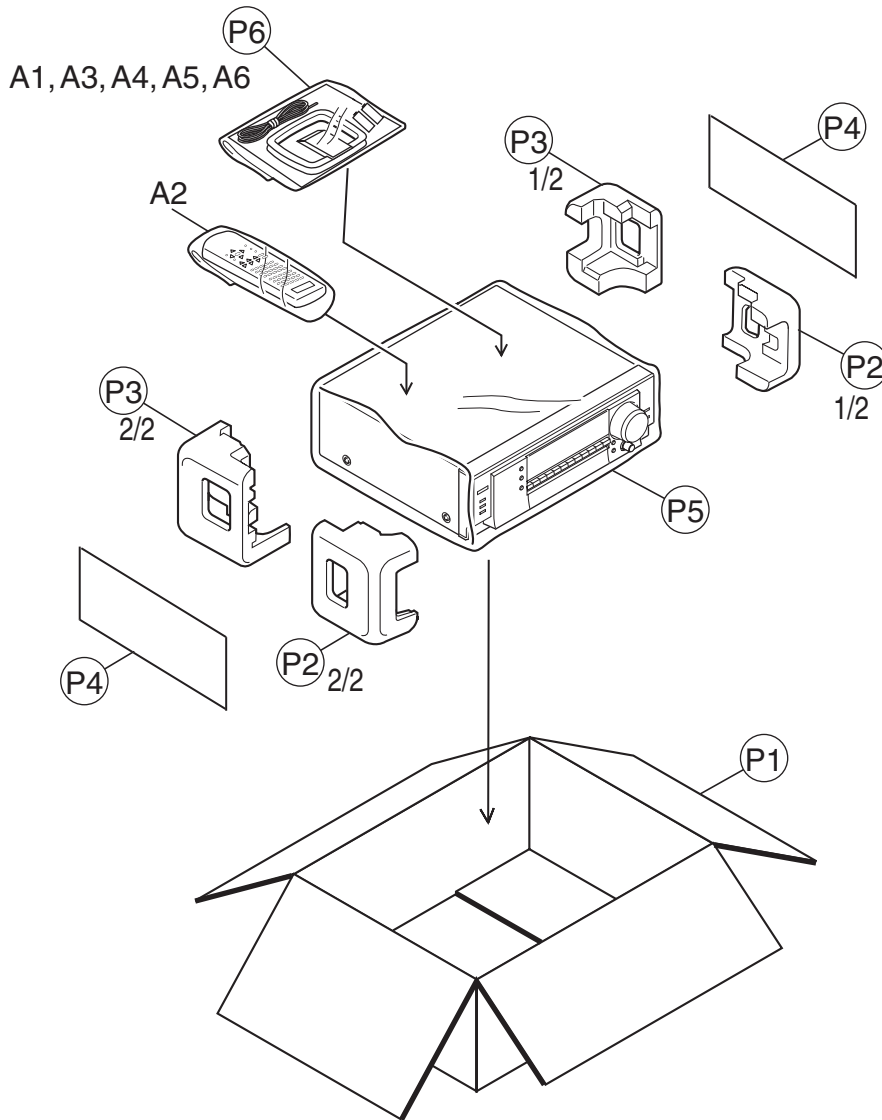
△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
IC501	DSPD56367PV150	IC			C2001	NEA71EM-475X	E CAPACITOR	4.7uF 25V M	
IC502	NC7SU04P5-X	IC(DIGITAL)			C2002	NEA71EM-475X	E CAPACITOR	4.7uF 25V M	
IC503	NC7S04P5-X	IC(DIGITAL)			C2003	NCB31HK-122X	C CAPACITOR	1200pF 50V K	
IC505	PQ070XZ1HZ-X	IC			C2004	NCB31HK-122X	C CAPACITOR	1200pF 50V K	
IC506	MM1563DF-X	IC	3.3V Regulator		C2005	NCS31HK-121X	C CAPACITOR	120pF 50V K	
IC507	PQ20VZ11-X	IC			C2006	NCS31HK-121X	C CAPACITOR	120pF 50V K	
IC511	39VF0207CWHR01	IC			C2007	NCS31HJ-391X	C CAPACITOR	390pF 50V J	
IC512	IC63LV102410K-X	IC			C2008	NCS31HJ-391X	C CAPACITOR	390pF 50V J	
IC513	IC63LV102410K-X	IC			C2009	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
IC514	IC63LV102410K-X	IC			C2010	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
IC520	HA17558AF-X	IC			C2013	NCS31HJ-330X	C CAPACITOR	33pF 50V J	
IC521	HA17558AF-X	IC			C2014	NCS31HJ-330X	C CAPACITOR	33pF 50V J	
IC522	HA17558AF-X	IC			C2018	NEA70JM-476X	E CAPACITOR	47uF 6.3V M	
IC523	HA17558AF-X	IC			C2019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
IC524	HA17558AF-X	IC			C2020	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
IC525	HA17558AF-X	IC			C2021	NCB31HK-221X	C CAPACITOR	220pF 50V K	
IC526	HA17558AF-X	IC			C2022	NCB31HK-221X	C CAPACITOR	220pF 50V K	
IC527	NJM2121M-X	IC			C2101	NCB31HK-561X	C CAPACITOR	560pF 50V K	
IC528	HA17558AF-X	IC			C2107	NEA71EM-475X	E CAPACITOR	4.7uF 25V M	
IC529	HA17558AF-X	IC			C2127	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
IC530	HA17558AF-X	IC			C2128	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
IC541	JCV8009-W	IC			C2130	NEA71HM-475X	E CAPACITOR	4.7uF 50V M	
IC551	AK4112BVF-X	IC(MICRO C ROM)			C2131	NCB31CK-823X	C CAPACITOR	0.082uF 16V K	
IC552	NC7WZ241K8-X	IC			C2132	NFV41HJ-333X	C CAPACITOR	0.033uF 50V J	
IC561	MN35505-X	IC			C2152	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
IC571	AK4527BVQP	IC			C2153	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
IC572	NC7WZ125K8-X	IC			C2154	NCB31CK-823X	C CAPACITOR	0.082uF 16V K	
IC573	NC7SZ74K8-X	IC			C2155	NFV41HJ-333X	C CAPACITOR	0.033uF 50V J	
IC581	UPD784215AGC196	IC			C2181	NCS31HJ-330X	C CAPACITOR	33pF 50V J	
IC582	NC7ST32P5-X	IC(DIGITAL)			C2182	NEA71EM-475X	E CAPACITOR	4.7uF 25V M	
IC583	MM1563DF-X	IC	3.3V Regulator		C2201	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
Q570	DTC114YE-X	TRANSISTOR			C2202	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
Q572	DTC114YE-X	TRANSISTOR			C2207	NEA71HM-475X	E CAPACITOR	4.7uF 50V M	
Q2101	2SD2114K/VW/-X	TRANSISTOR			C2208	NEA71HM-475X	E CAPACITOR	4.7uF 50V M	
Q2131	2SD2114K/VW/-X	TRANSISTOR			C2211	NCB31HK-331X	C CAPACITOR	330pF 50V K	
Q2151	DTA114YE-X	TRANSISTOR			C2212	NCB31HK-331X	C CAPACITOR	330pF 50V K	
Q2152	DTC114YE-X	TRANSISTOR			C2213	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q2154	DTA114YE-X	TRANSISTOR			C2214	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q2155	DTA114YE-X	TRANSISTOR			C2215	NCB31HK-272X	C CAPACITOR	2700pF 50V K	
Q2156	DTA114YE-X	TRANSISTOR			C2216	NCB31HK-272X	C CAPACITOR	2700pF 50V K	
Q2157	DTA114YE-X	TRANSISTOR			C2230	NEA71HM-475X	E CAPACITOR	4.7uF 50V M	
Q2158	DTA114YE-X	TRANSISTOR			C2237	NCS31HJ-330X	C CAPACITOR	33pF 50V J	
Q2201	2SD2114K/VW/-X	TRANSISTOR			C2238	NCS31HJ-330X	C CAPACITOR	33pF 50V J	
					C2241	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
					C2242	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
					C2243	NCS31HJ-181X	C CAPACITOR	180pF 50V J	
					C2244	NCS31HJ-181X	C CAPACITOR	180pF 50V J	
					C2245	NCB31CK-683X	C CAPACITOR	0.068uF 16V K	
					C2246	NCB31CK-683X	C CAPACITOR	0.068uF 16V K	
					C2247	NCB31HK-182X	C CAPACITOR	1800pF 50V K	
					C2248	NCB31HK-182X	C CAPACITOR	1800pF 50V K	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
C2251	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C2538	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2252	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C2539	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2255	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C2540	NCS31HJ-471X	C CAPACITOR	470pF 50V J	
C2256	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C2560	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2261	NEA71CM-106X	E CAPACITOR	10uF 16V M		C2561	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2262	NCF21CZ-155X	C CAPACITOR	1.5uF 16V Z		C2562	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2263	NEA71CM-106X	E CAPACITOR	10uF 16V M		C2563	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2264	NCF21CZ-155X	C CAPACITOR	1.5uF 16V Z		C2564	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2265	NEA71CM-106X	E CAPACITOR	10uF 16V M		C2565	NCS31HJ-101X	C CAPACITOR	100pF 50V J	
C2266	NCF21CZ-155X	C CAPACITOR	1.5uF 16V Z		C2568	NEA71HM-105X	E CAPACITOR	1uF 50V M	
C2267	NCF21CZ-155X	C CAPACITOR	1.5uF 16V Z		C2571	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2268	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C2572	NEA70GM-107X	E CAPACITOR	100uF 4V M	
C2269	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C2573	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2270	NCB31AK-224X	C CAPACITOR	0.22uF 10V K		C2574	NEA70GM-107X	E CAPACITOR	100uF 4V M	
C2271	NEA71EM-475X	E CAPACITOR	4.7uF 25V M		C2575	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2272	NEA71EM-475X	E CAPACITOR	4.7uF 25V M		C2576	NEA70GM-107X	E CAPACITOR	100uF 4V M	
C2281	NEA71EM-475X	E CAPACITOR	4.7uF 25V M		C2605	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C2282	NEA71EM-475X	E CAPACITOR	4.7uF 25V M		C2606	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C2283	NCS31HJ-330X	C CAPACITOR	33pF 50V J		C2607	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C2284	NCS31HJ-330X	C CAPACITOR	33pF 50V J		C2608	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C2291	NEA71CM-106X	E CAPACITOR	10uF 16V M		C2609	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C2292	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C2701	NCS31HJ-100X	C CAPACITOR	10pF 50V J	
C2301	NCB31HK-561X	C CAPACITOR	560pF 50V K		C2702	NCS31HJ-100X	C CAPACITOR	10pF 50V J	
C2302	NCB31HK-561X	C CAPACITOR	560pF 50V K		C2703	NEA71HM-225X	E CAPACITOR	2.2uF 50V M	
C2307	NEA71HM-225X	E CAPACITOR	2.2uF 50V M		C2704	NEA71CM-106X	E CAPACITOR	10uF 16V M	
C2308	NEA71HM-225X	E CAPACITOR	2.2uF 50V M		C2705	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2351	NEA71HM-105X	E CAPACITOR	1uF 50V M		C2706	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2352	NEA71HM-105X	E CAPACITOR	1uF 50V M		C2707	NEA71CM-106X	E CAPACITOR	10uF 16V M	
C2353	NCS31HJ-330X	C CAPACITOR	33pF 50V J		C2708	NEA71CM-106X	E CAPACITOR	10uF 16V M	
C2354	NCS31HJ-330X	C CAPACITOR	33pF 50V J		C2709	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2355	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C2710	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2356	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C2711	NEA71CM-106X	E CAPACITOR	10uF 16V M	
C2357	NEA71HM-225X	E CAPACITOR	2.2uF 50V M		C2712	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2358	NEA71HM-225X	E CAPACITOR	2.2uF 50V M		C2713	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2359	NCS31HJ-821X	C CAPACITOR	820pF 50V J		C2714	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2360	NCS31HJ-821X	C CAPACITOR	820pF 50V J		C2715	NCS31HJ-101X	C CAPACITOR	100pF 50V J	
C2401	NCB31HK-561X	C CAPACITOR	560pF 50V K		C2801	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C2407	NEA71HM-225X	E CAPACITOR	2.2uF 50V M		C2807	NEA71HM-225X	E CAPACITOR	2.2uF 50V M	
C2431	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C2853	NCS31HJ-330X	C CAPACITOR	33pF 50V J	
C2432	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C2855	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2433	NCS31HJ-330X	C CAPACITOR	33pF 50V J		C2856	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2434	NEA71HM-225X	E CAPACITOR	2.2uF 50V M		C2857	NEA71HM-225X	E CAPACITOR	2.2uF 50V M	
C2435	NCS31HJ-821X	C CAPACITOR	820pF 50V J		C2859	NCS31HJ-821X	C CAPACITOR	820pF 50V J	
C2481	NEA70JM-476X	E CAPACITOR	47uF 6.3V M						
C2501	NCB31HK-123X	C CAPACITOR	0.012uF 50V K		R570	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C2502	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R573	NRSA63J-432X	MG RESISTOR	4.3kΩ 1/16W J	
C2503	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R574	NRSA63J-432X	MG RESISTOR	4.3kΩ 1/16W J	
C2504	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R575	NRSA63J-432X	MG RESISTOR	4.3kΩ 1/16W J	
C2505	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R576	NRSA63J-432X	MG RESISTOR	4.3kΩ 1/16W J	
C2506	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R577	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
C2507	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R578	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
C2508	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R579	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
C2509	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R580	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
C2510	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R582	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C2511	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R585	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C2512	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R586	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C2513	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R587	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C2514	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R588	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C2515	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R2001	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C2516	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R2002	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C2517	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R2003	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C2518	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R2004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C2519	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R2005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C2520	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R2006	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C2521	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R2007	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C2522	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R2008	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C2523	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R2009	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C2524	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R2010	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C2525	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R2011	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
C2529	NEA70GM-107X	E CAPACITOR	100uF 4V M		R2012	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
C2530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R2013	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
C2531	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R2014	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
C2532	NEA70GM-107X	E CAPACITOR	100uF 4V M		R2017	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C2533	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R2018	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C2534	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R2021	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
C2535	NEA70GM-107X	E CAPACITOR	100uF 4V M		R2022	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
C2536	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R2023	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
C2537	NEA70GM-107X	E CAPACITOR	100uF 4V M		R2024	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
R2536	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		J564	QNN0347-001	SURROUND JACK		
R2560	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		K2261	NQR0007-003X	FERRITE BEADS		
R2561	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		K2262	NQR0007-003X	FERRITE BEADS		
R2562	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		K2263	NQR0007-003X	FERRITE BEADS		
R2563	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		K2264	NQR0007-003X	FERRITE BEADS		
R2564	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		K2606	NQR0269-004X	FERRITE BEADS		
R2565	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J		LC505	NQR0450-001X	EMI FILTER	0.022uF 50V M	
R2568	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		LC506	NQR0450-001X	EMI FILTER	0.022uF 50V M	
R2571	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		LC507	NQR0450-001X	EMI FILTER	0.022uF 50V M	
R2572	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		UN560	GP1FA351TZ	OPT TRANSMITTER		
R2573	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		UN561	GP1FA351RZ	OPT RECEIVER		
R2574	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		UN562	GP1FA351RZ	OPT RECEIVER		
R2575	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		UN563	GP1FA351RZ	OPT RECEIVER		
R2576	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		X581	NAX0275-001X	C OSCILLATOR	6.144MHz	
R2577	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		X2501	NAX0308-001X	C RESONATOR	12.500MHz	
R2578	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		X2701	NAX0435-001X	CRYSTAL	24.576MHz	
R2579	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2580	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2582	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2583	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2584	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2585	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2586	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2587	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2588	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2589	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2590	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2591	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2592	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J						
R2593	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J						
R2594	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2597	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J						
R2599	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J						
R2611	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J						
R2612	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J						
R2613	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J						
R2614	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J						
R2615	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J						
R2616	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J						
R2620	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J						
R2621	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J						
R2622	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J						
R2623	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J						
R2624	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J						
R2625	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J						
R2626	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J						
R2627	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J						
R2628	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J						
R2629	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J						
R2630	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J						
R2631	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J						
R2632	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J						
R2633	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J						
R2634	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J						
R2635	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J						
R2636	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J						
R2701	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J						
R2702	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2703	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2704	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2705	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J						
R2706	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2711	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2712	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2713	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2801	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J						
R2805	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J						
R2807	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J						
R2857	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J						
R2859	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J						
R2861	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J						
R2863	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J						
CN581	QGB1214K1-14S	CONNECTOR	B-B (1-14)						
CN587	QGB2510K1-07	CONNECTOR	B-B (1-7)						
CN588	QGF1205C1-06	CONNECTOR	FFC/FPC (1-6)						
CN599	QGA2501C1-03	CONNECTOR	W-B (1-3)						
EP561	E409182-001SM	GRAND TERMINAL							

Packing materials and accessories parts list

Block No. M 3 M M



Packing and accessories

Block No. M 3 M M

△ Symbol No.	Part No.	Part Name	Description	Local
A 1	LVT1007-007A	INST BOOK	GER FRE DUT	8032V SLE
A 1	LVT1007-008A	INST BOOK	GER FRE SPA ITA	8032V SLEN
A 2	RM-SRX8032R	REMOCON		
A 3	-----	BATTERY	(x2)	
A 4	EWP503-001C	ANT.WIRE		
A 5	QAL0014-001	AM LOOP ANT		
A 6	BT-54013-6	WARRANTY CARD		
P 1	LV21473-003A	CARTON BOX		
P 2	LV20947-001A	PACKING PAD(F)		
P 3	LV20948-002A	PACKING PAD(R)		
P 4	LV32034-004A	SHEET	(x2)	
P 5	QPC06507015P	POLY BAG	65cm x 70cm	
P 6	QPA02503505P	POLY BAG	25cm x 35cm	

JVC

SCHEMATIC DIAGRAMS

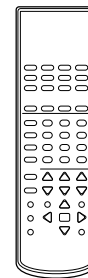
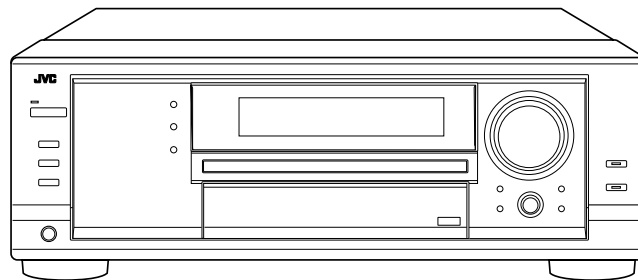
AUDIO/VIDEO CONTROL RECEIVER

RX-8032VSL

CD-ROM No.SML200310

Area suffix

E-----Continental Europe
EN-----Northern Europe



(For RX-8032VSL)



(For RX-8032VSL)

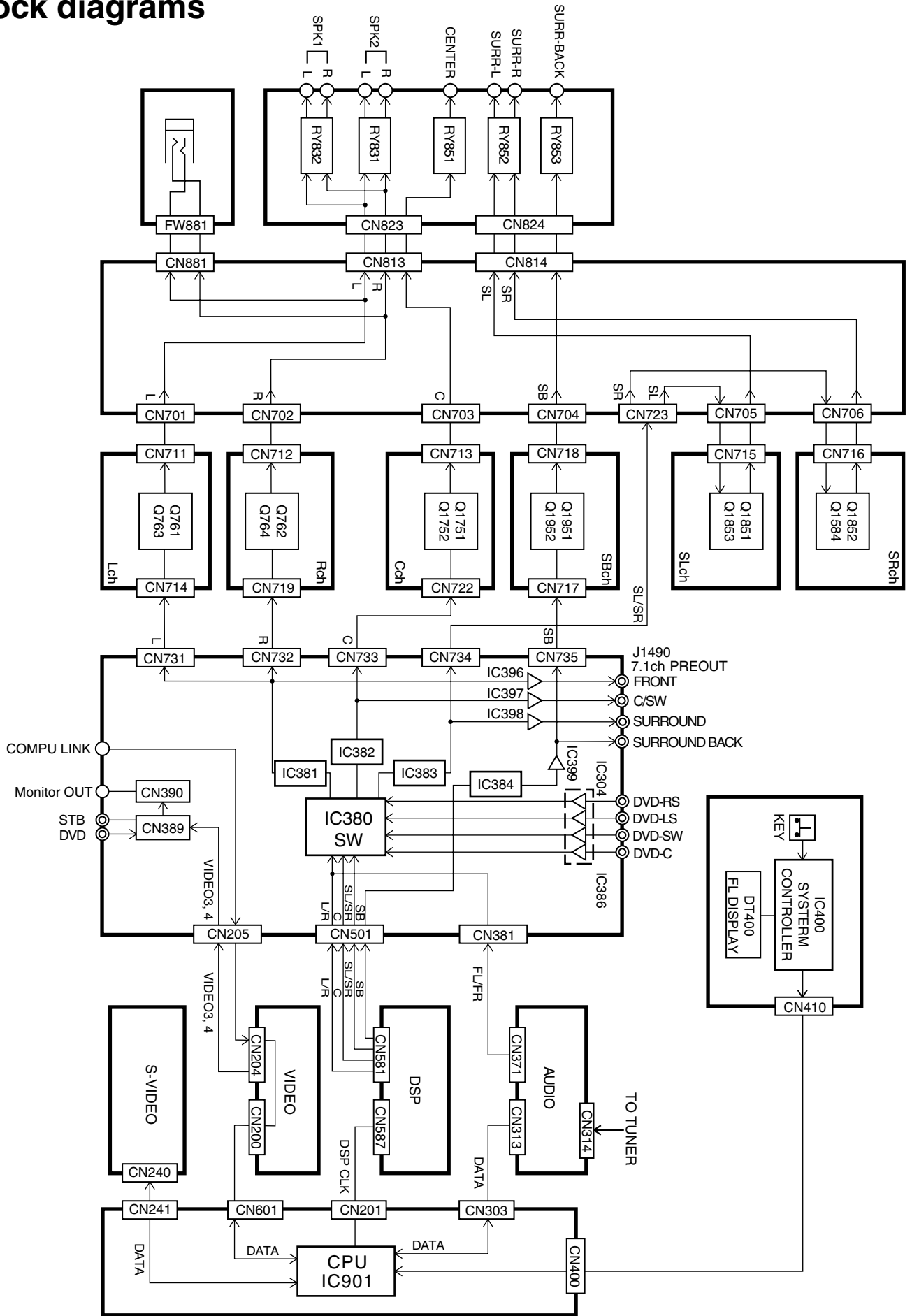
Contents

Block diagrams-----	2-1
Standard schematic diagrams -----	2-3
Printed circuit boards -----	2-13 to 18

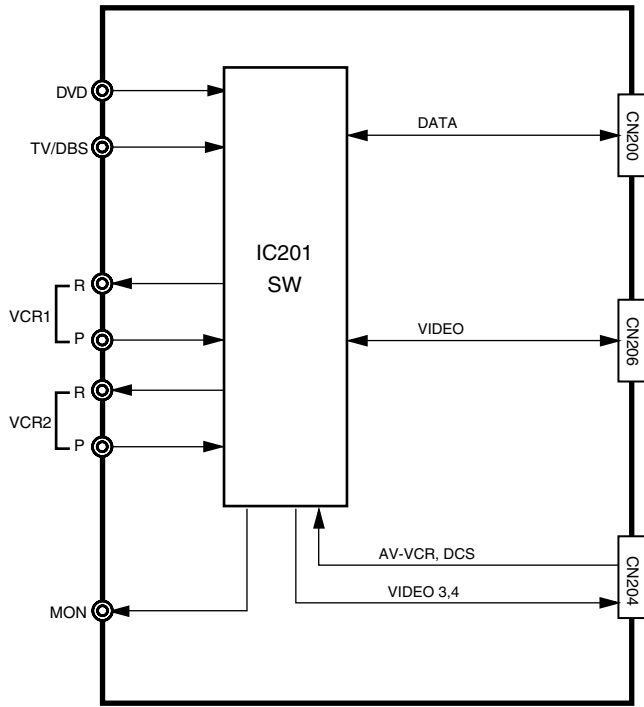
In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor (■), diode (⬤) and ICP (●) or identified by the "⚠" mark nearby are critical for safety.

(This regulation does not correspond to J and C version.)

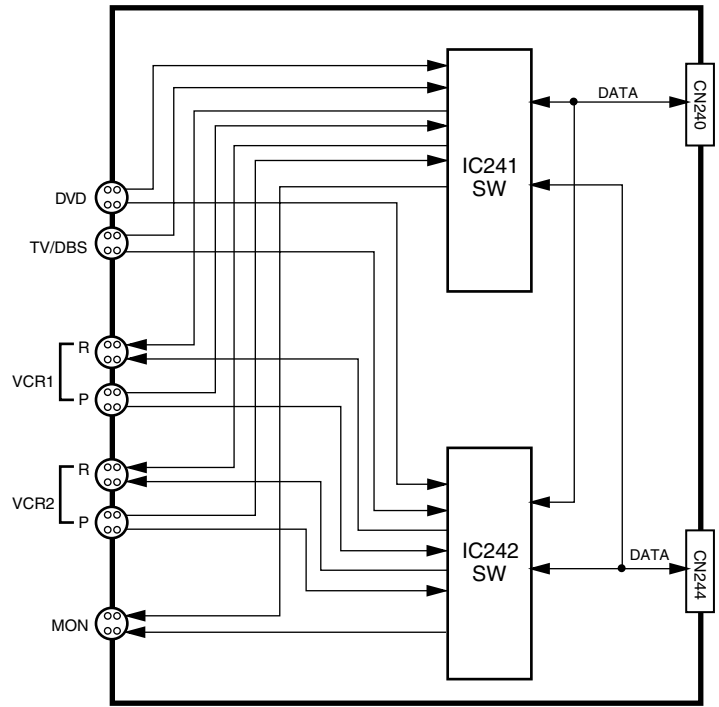
Block diagrams



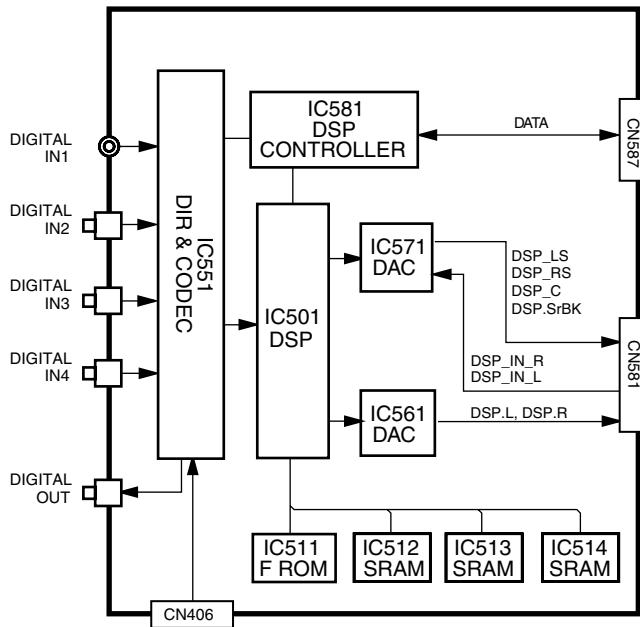
Video section



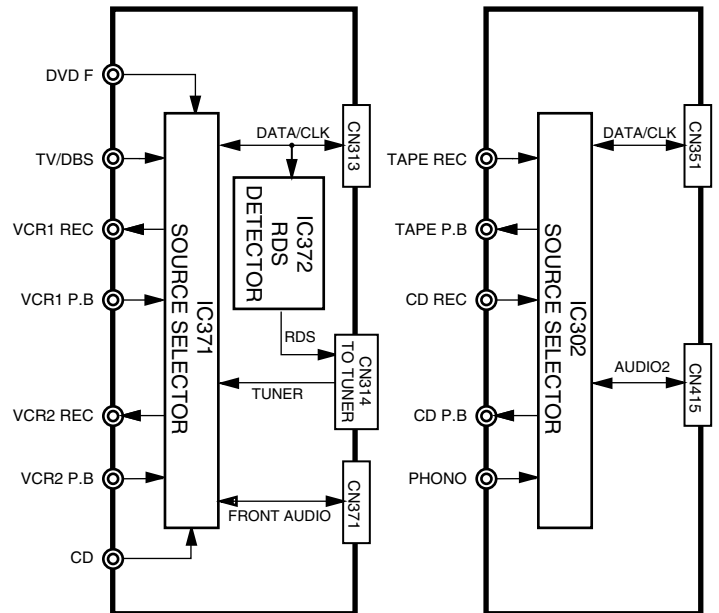
S-Video section



DSP section

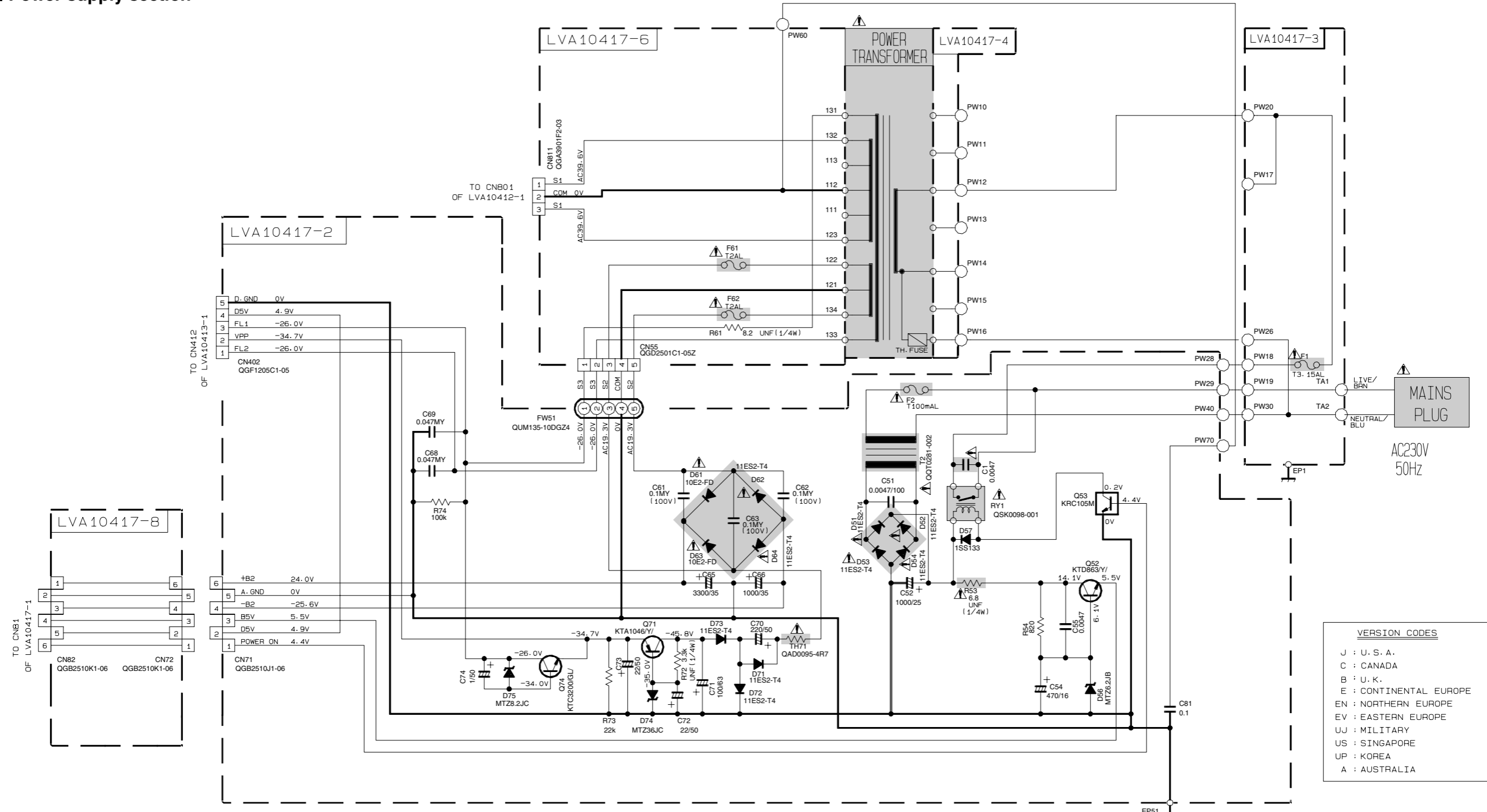


Audio signal input section



Standard schematic diagrams

Power supply section



VERSION CODES

J : U. S. A.
 C : CANADA
 B : U. K.
 E : CONTINENTAL EUROPE
 EN : NORTHERN EUROPE
 EV : EASTERN EUROPE
 UJ : MILITARY
 US : SINGAPORE
 UP : KOREA
 A : AUSTRALIA

Parts are safety assurance parts.
When replacing those parts make sure to use the specified one.

REF	QTY	U/V	U/V	U	U	U/V
F1	1	QGA9901F2-03				
F2	1	QGA9901F2-03				
F3	1	QGA9901F2-03				
F4	1	QGA9901F2-03				
F5	1	QGA9901F2-03				
F6	1	QGA9901F2-03				
F7	1	QGA9901F2-03				
F8	1	QGA9901F2-03				
F9	1	QGA9901F2-03				
F10	1	QGA9901F2-03				
F11	1	QGA9901F2-03				
F12	1	QGA9901F2-03				
F13	1	QGA9901F2-03				
F14	1	QGA9901F2-03				
F15	1	QGA9901F2-03				
F16	1	QGA9901F2-03				
F17	1	QGA9901F2-03				
F18	1	QGA9901F2-03				
F19	1	QGA9901F2-03				
F20	1	QGA9901F2-03				
F21	1	QGA9901F2-03				
F22	1	QGA9901F2-03				
F23	1	QGA9901F2-03				
F24	1	QGA9901F2-03				
F25	1	QGA9901F2-03				
F26	1	QGA9901F2-03				
F27	1	QGA9901F2-03				
F28	1	QGA9901F2-03				
F29	1	QGA9901F2-03				
F30	1	QGA9901F2-03				

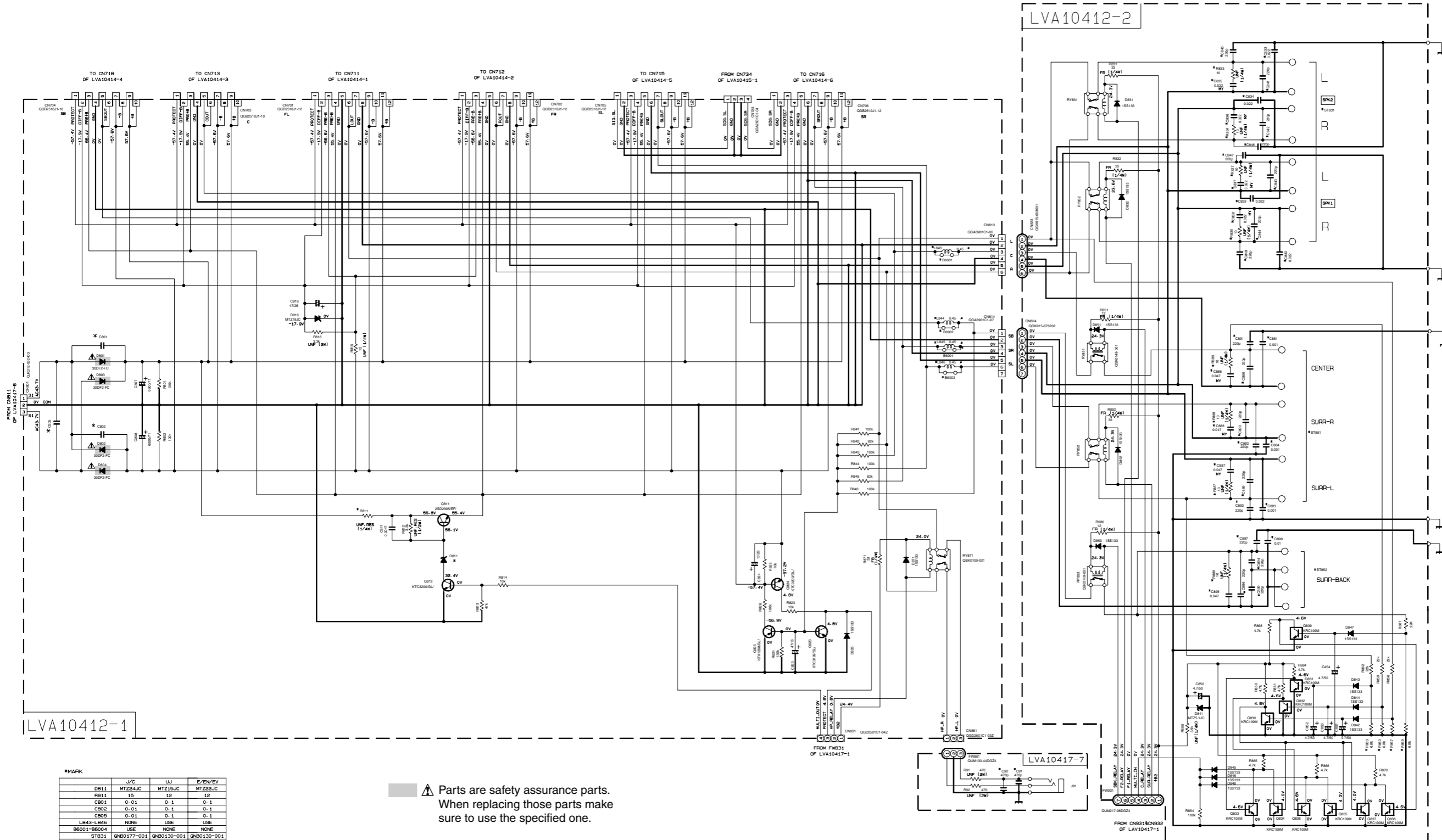
NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL. CONDITION — COLD START. POWER ON. FM. SURROUND OFF. VOL 30

2. UNLESS OTHERWISE SPECIFIED.
 ALL RESISTORS ARE 1/6W ±5% CARBON RESISTOR.
 ALL CAPACITORS ARE 50V CERAMIC CAPACITOR.
 ALL RESISTANCE VALUES ARE IN OHM (Ω).
 ALL CAPACITANCE VALUES ARE IN UF (pF).
 ALL E. CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(UF)/RATED VOLTAGE(V).

SHEET NUMBER	CIRCUIT DESCRIPTION
1/10	POWER SUPPLY
2/10	MAIN & SPEAKER TERMINAL
3/10	AUDIO AMP (FRONT CHANNEL)
4/10	AUDIO AMP (CENTER, SURR, S-BACK CHANNEL)
5/10	AUDIO SIGNAL INPUT
6/10	VIDEO/S-VIDEO SIGNAL INPUT
7/10	I/O
8/10	FRONT KEY/SYSTEM CONTROL
9/10	MICON
10/10	DSP

■ Main & Speaker terminal section

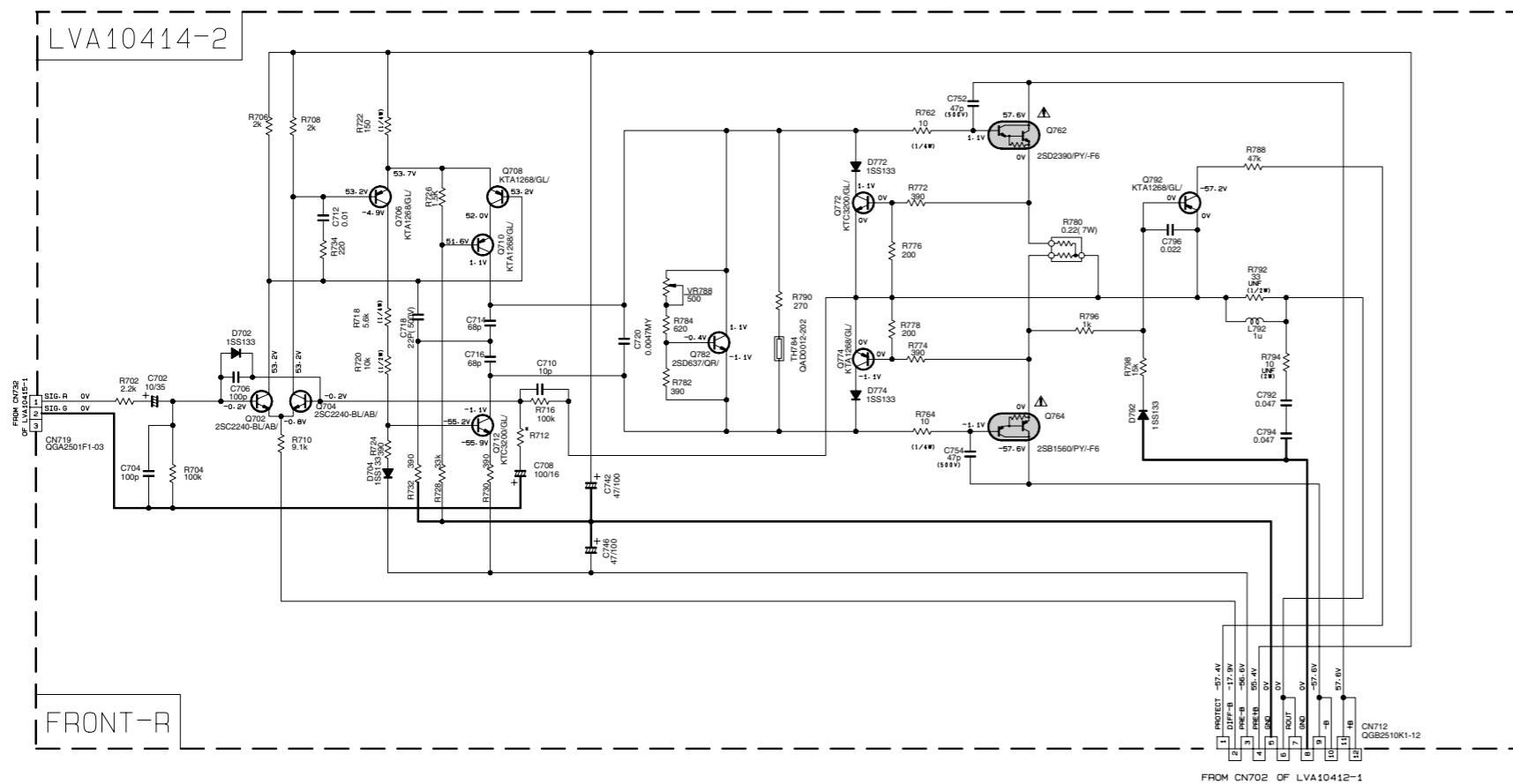
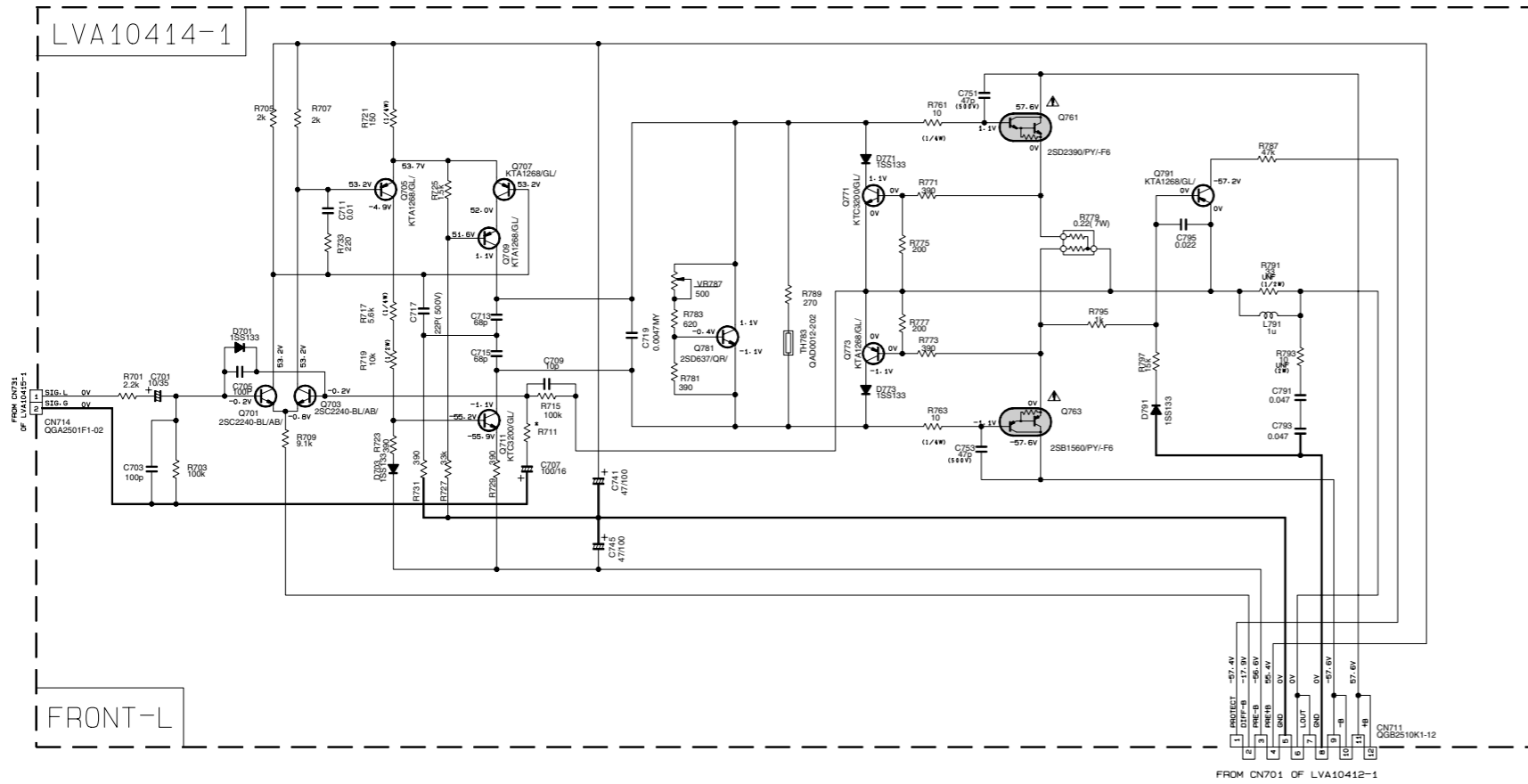


MARK

J/C	UJ	E/EN/EV
DB11	MTZ24JC	MTZ15JC
DB12	12	12
CB01	0.01	0.1
CB02	0.01	0.1
CB05	0.01	0.1
LB43-LB46	NONE	USE
86001-86004	USE	NONE
ST831	QNB0177-001	QNB0130-001
ST851	QNB0109-001	QNB0128-001
ST852	QNB0108-001	QNB0129-001
RB33-RB34	NONE	USE
RB37-RB38	NONE	USE
RB57	6.8k	10k
RB59	USE	NONE
RB60-RB63	USE	NONE
RB85	NONE	USE
RB87-RB89	NONE	USE
CB33-CB48	NONE	USE
CB81	NONE	USE
CB83-CB83	NONE	USE
CB95-CB96	NONE	USE
CB94-CB99	NONE	USE
CB91-CB2	NONE	USE

⚠ Parts are safety assurance parts. When replacing those parts make sure to use the specified one.

■ Audio amp. section (1/2)

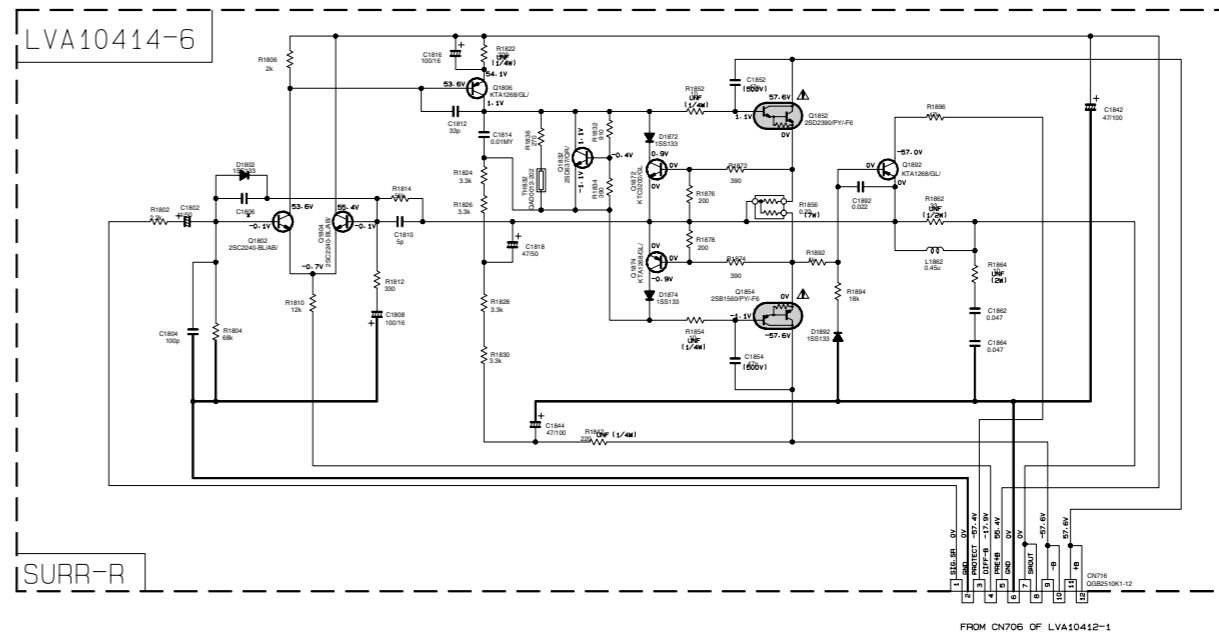
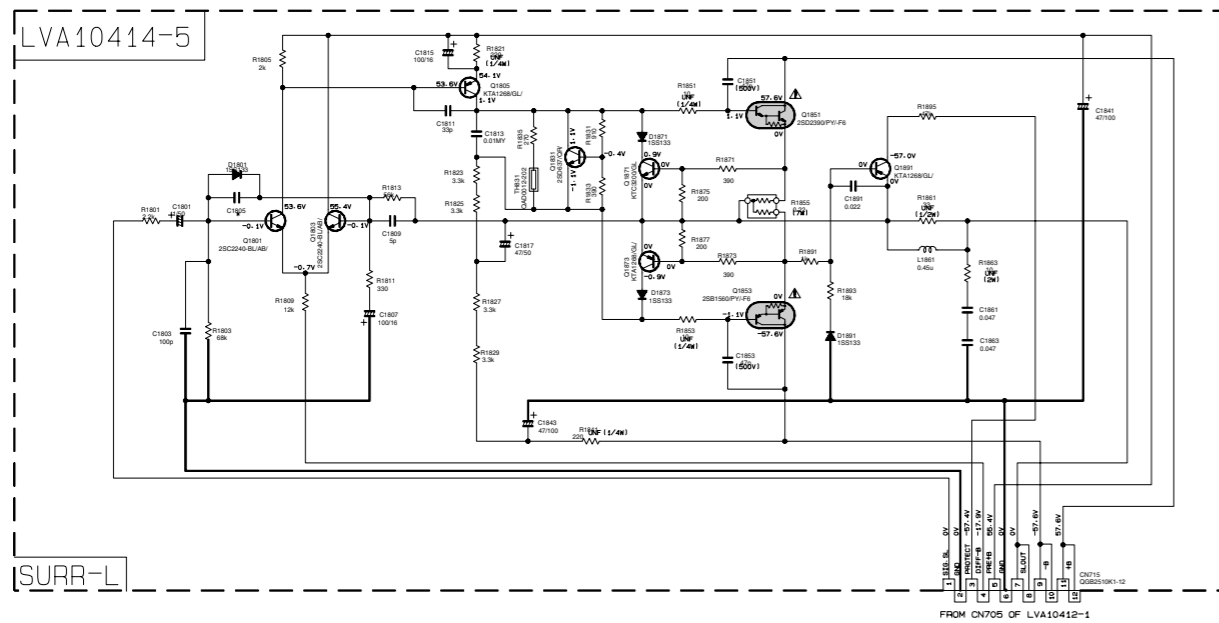
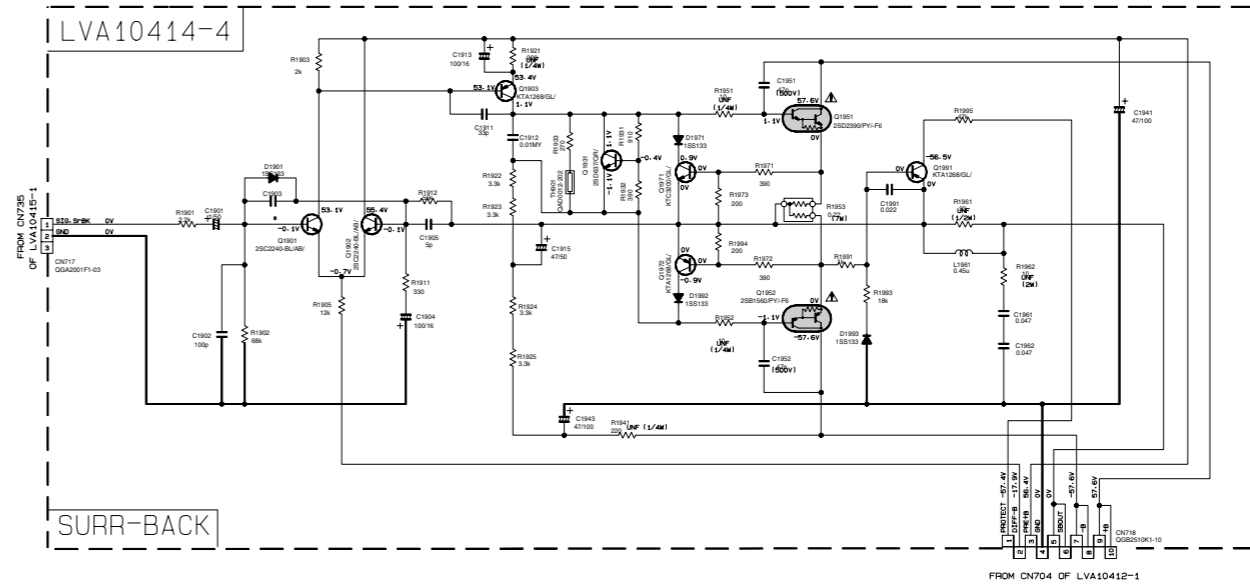
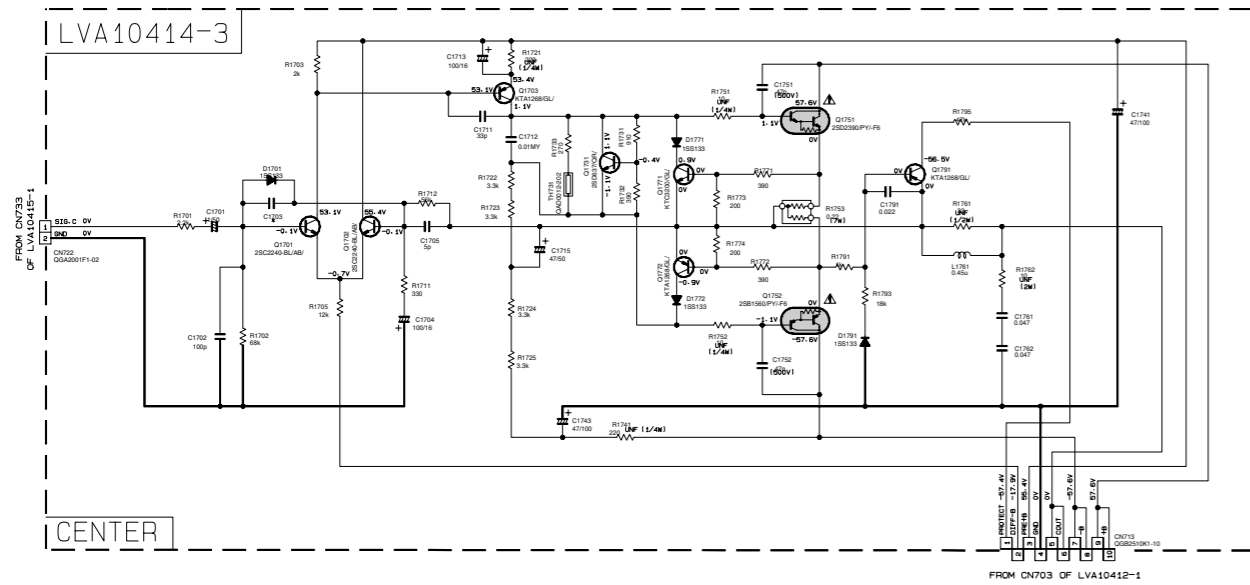


▲ Parts are safety assurance parts.
When replacing those parts make
sure to use the specified one.

* MARK

	J/C	EXCEPT J/C
R711, R712	560	620

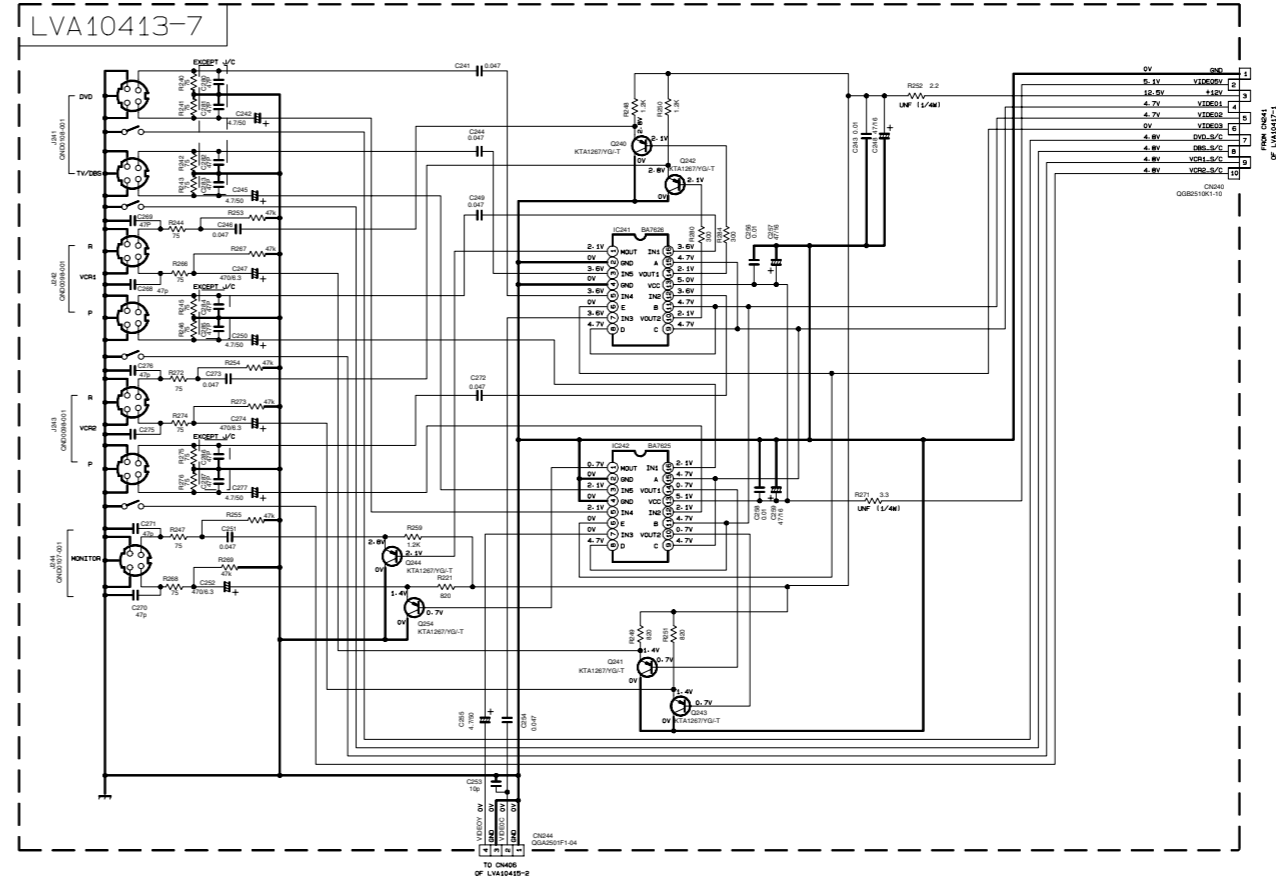
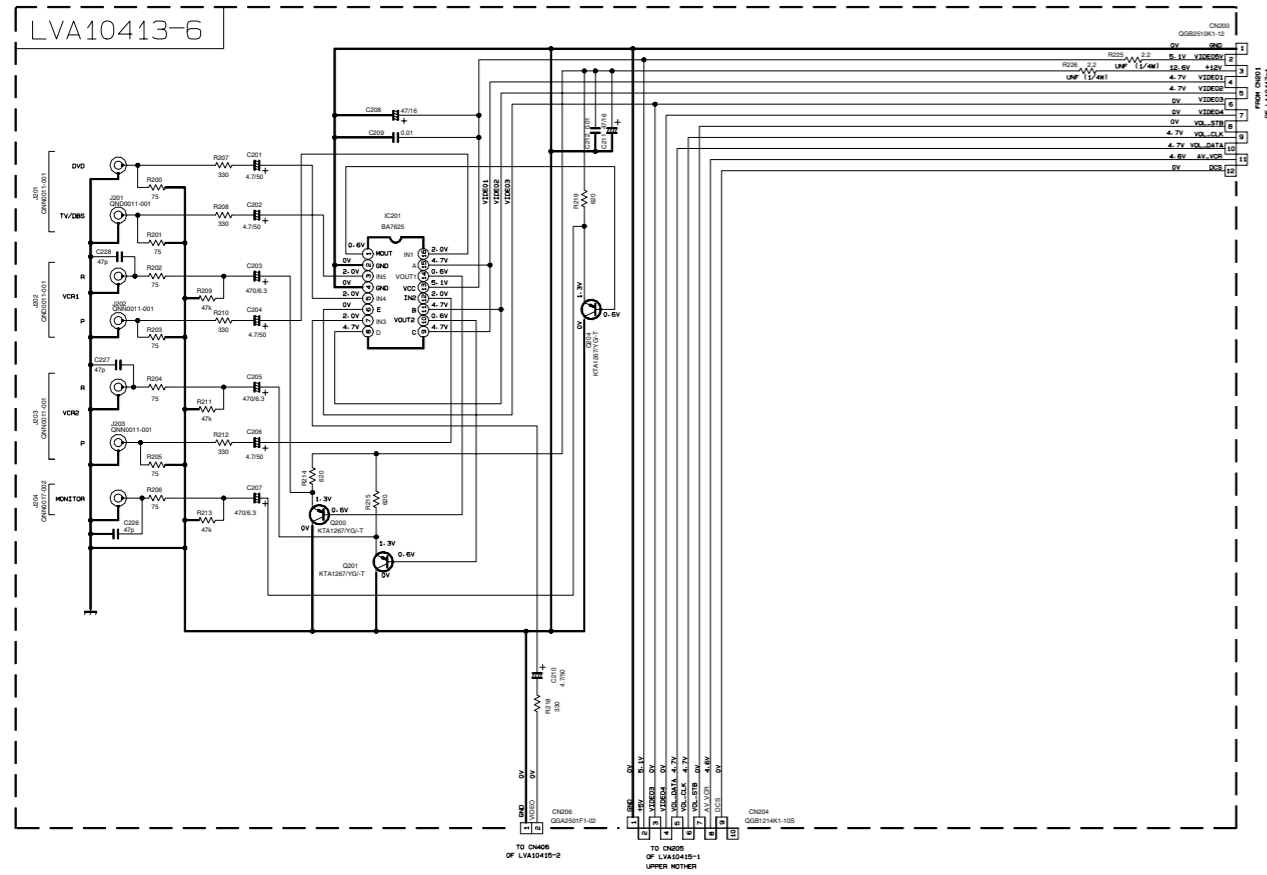
■ Audio amp. section (2/2)



▲ Parts are safety assurance parts.
When replacing those parts make
sure to use the specified one.

*MARK	J/C	EXCEPT J/C
C1703-C1805-C1806	100p	220p

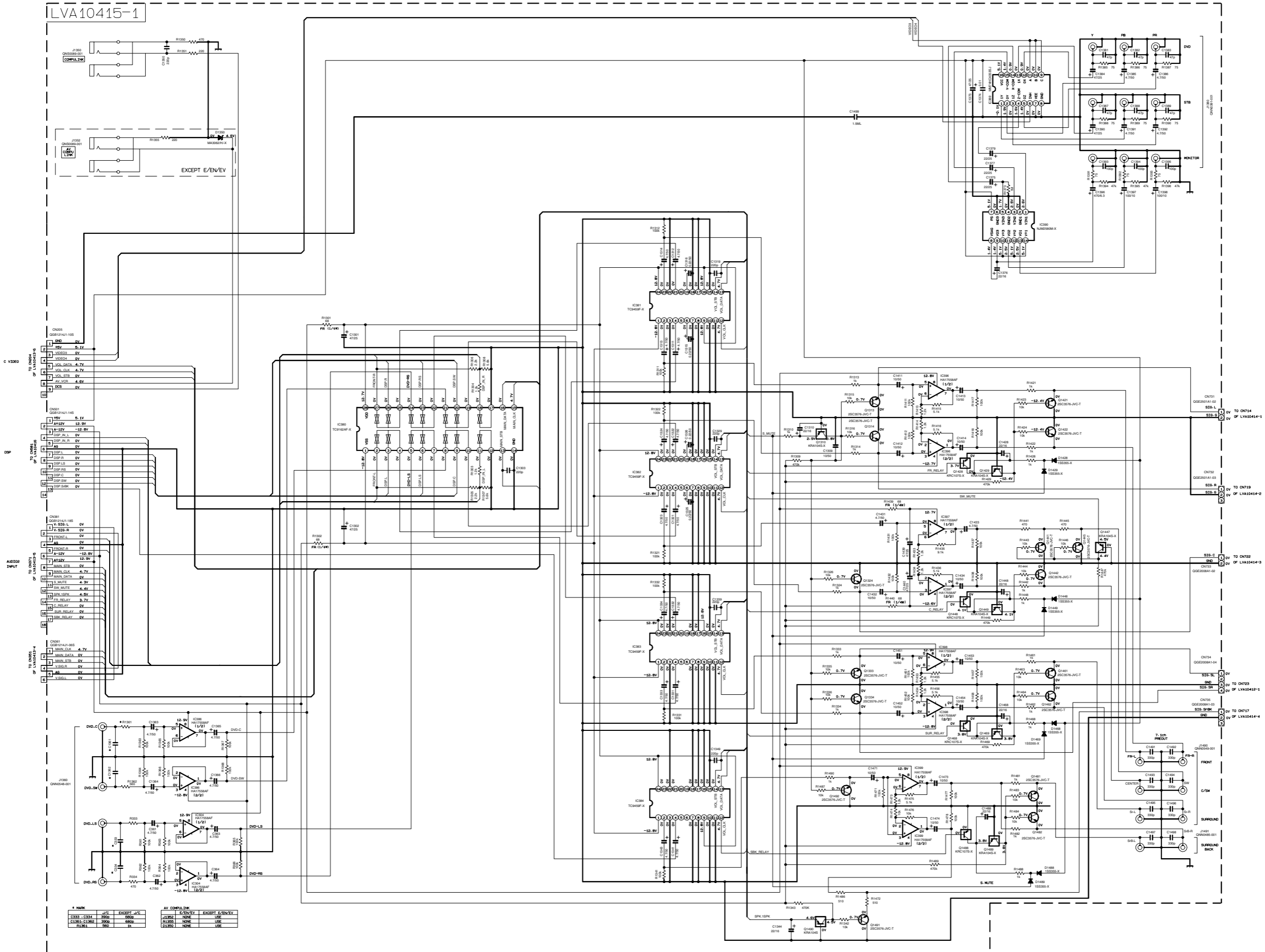
Video & S-video signal input section



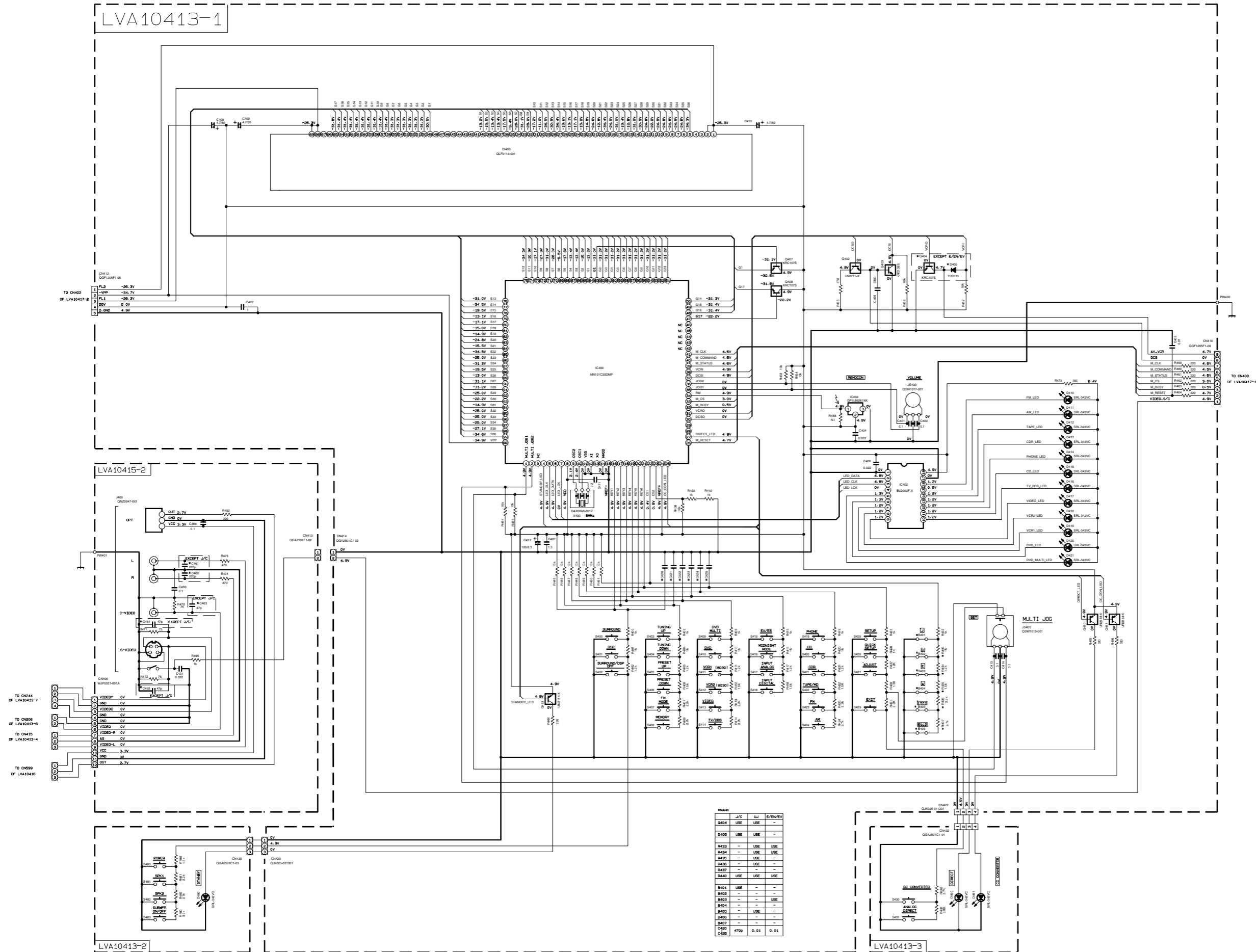
	J/C	EXCEPT J/C
CR80-CB7	NONE	USE

I/O section

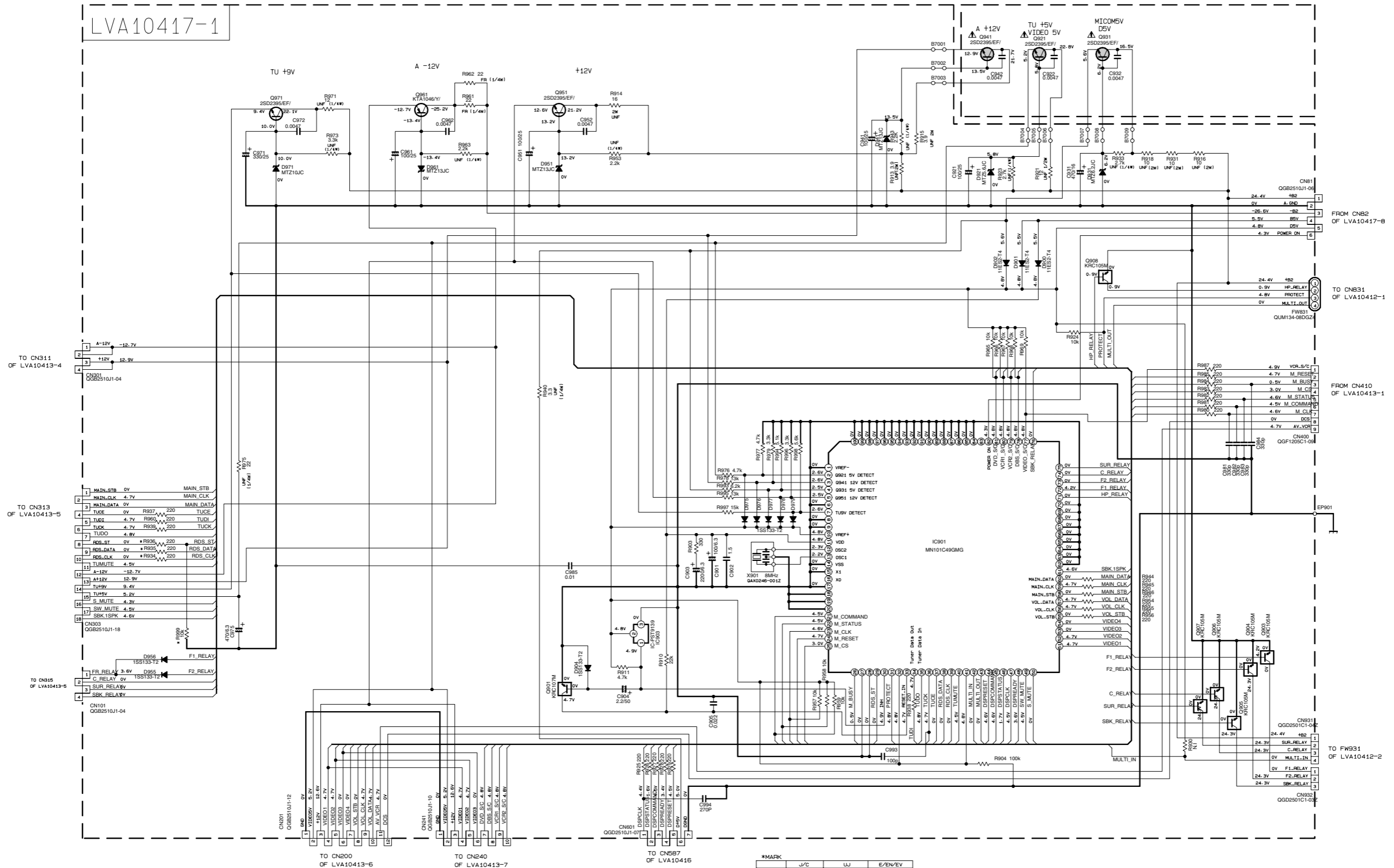
LVA10415-1



■ Front key & System control section



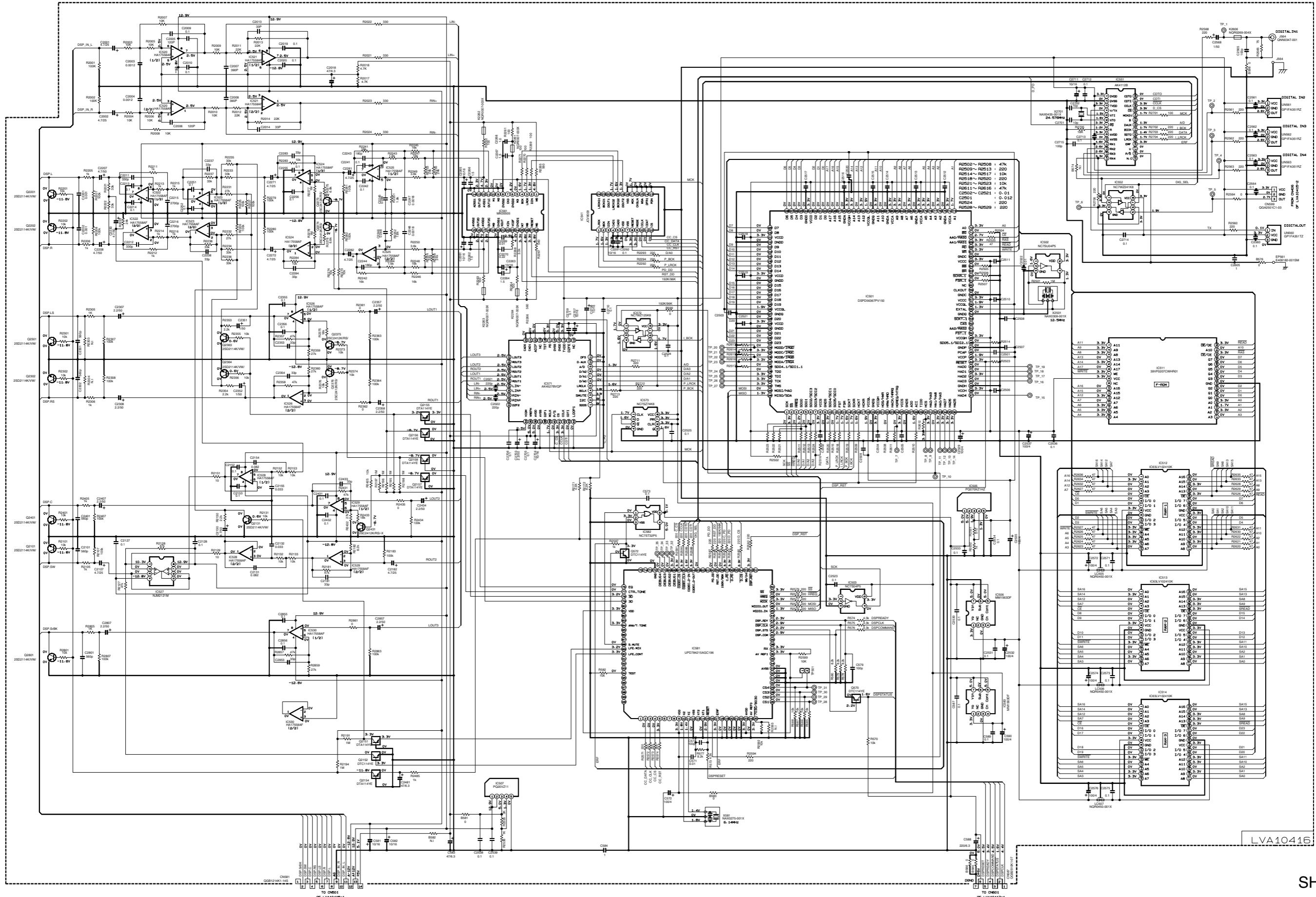
■ Micon section



*MARK	J/C	UJ	E/EN/EV
R999	USE	USE	NONE
R994	NONE	NONE	USE
R925	NONE	NONE	USE
R936	NONE	NONE	USE

⚠ Parts are safety assurance parts. When replacing those parts make sure to use the specified one.

DSP section

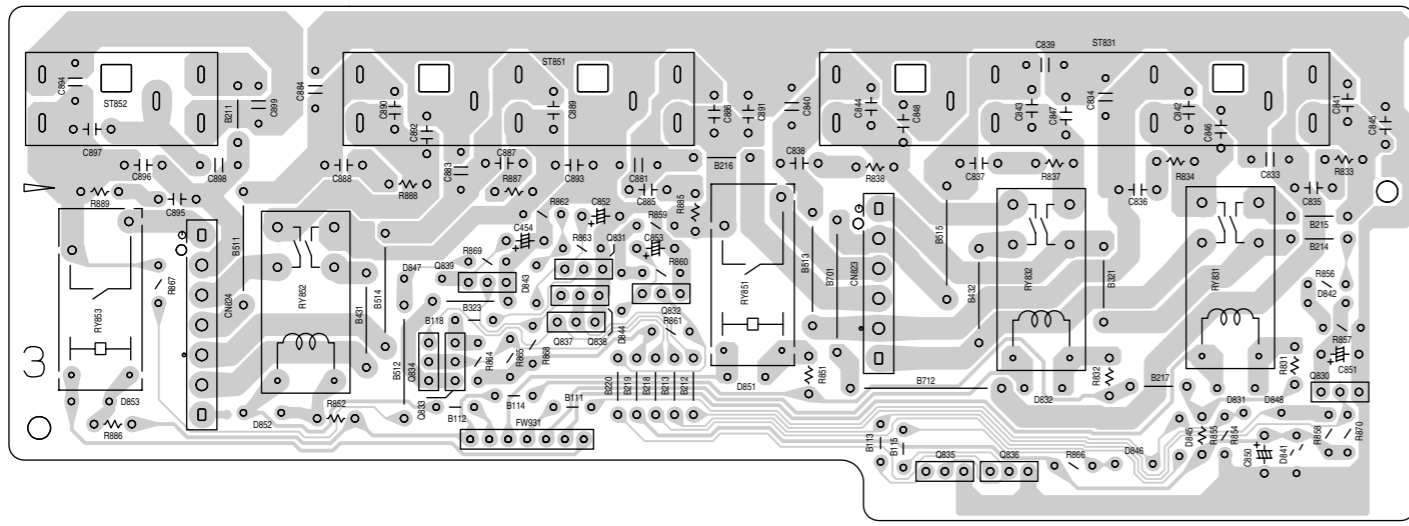


LVA10416

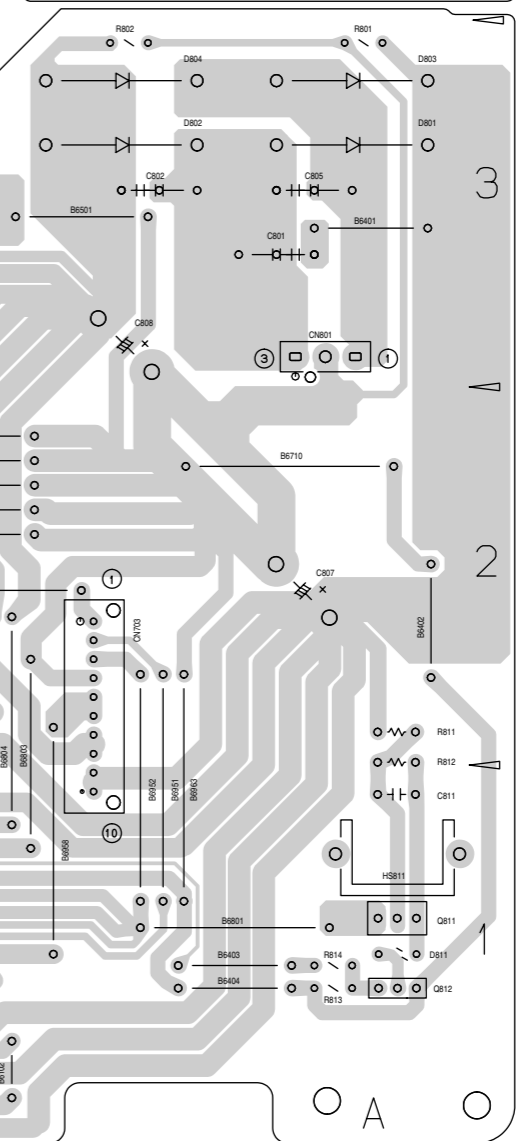
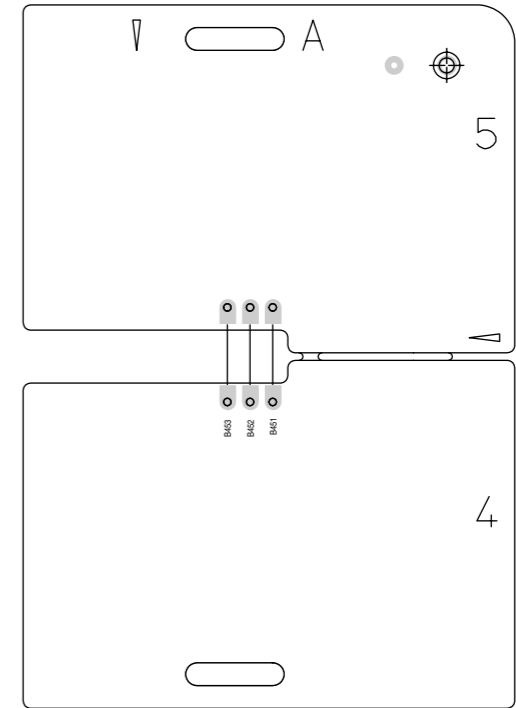
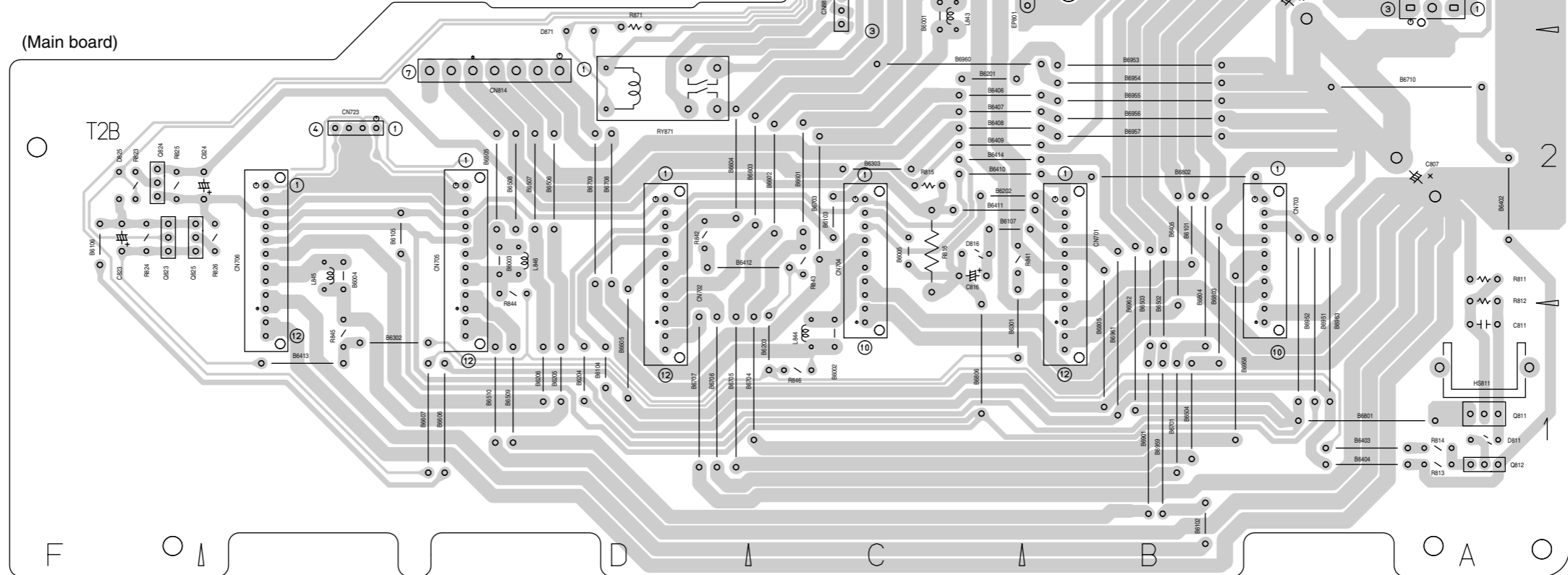
Printed circuit boards

■ Main board

(Speaker board)

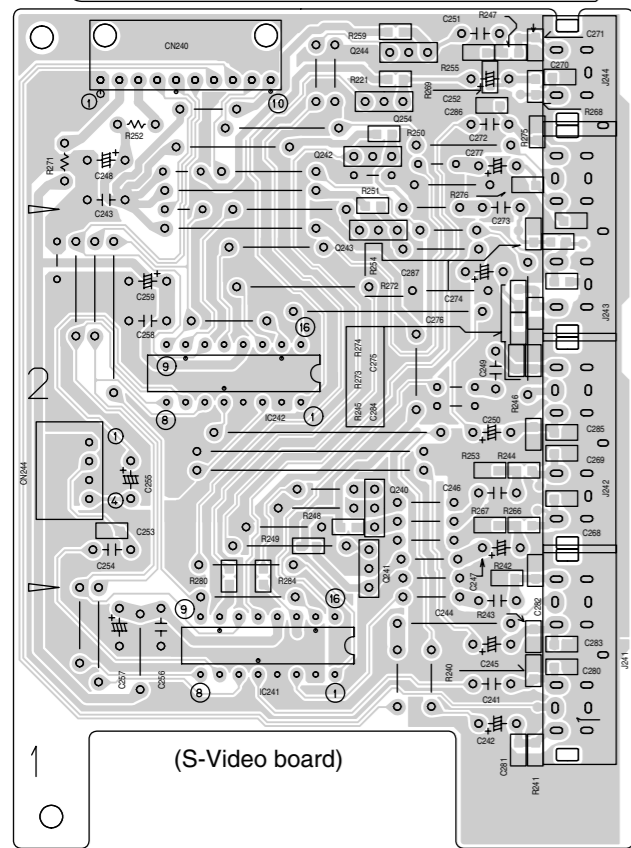
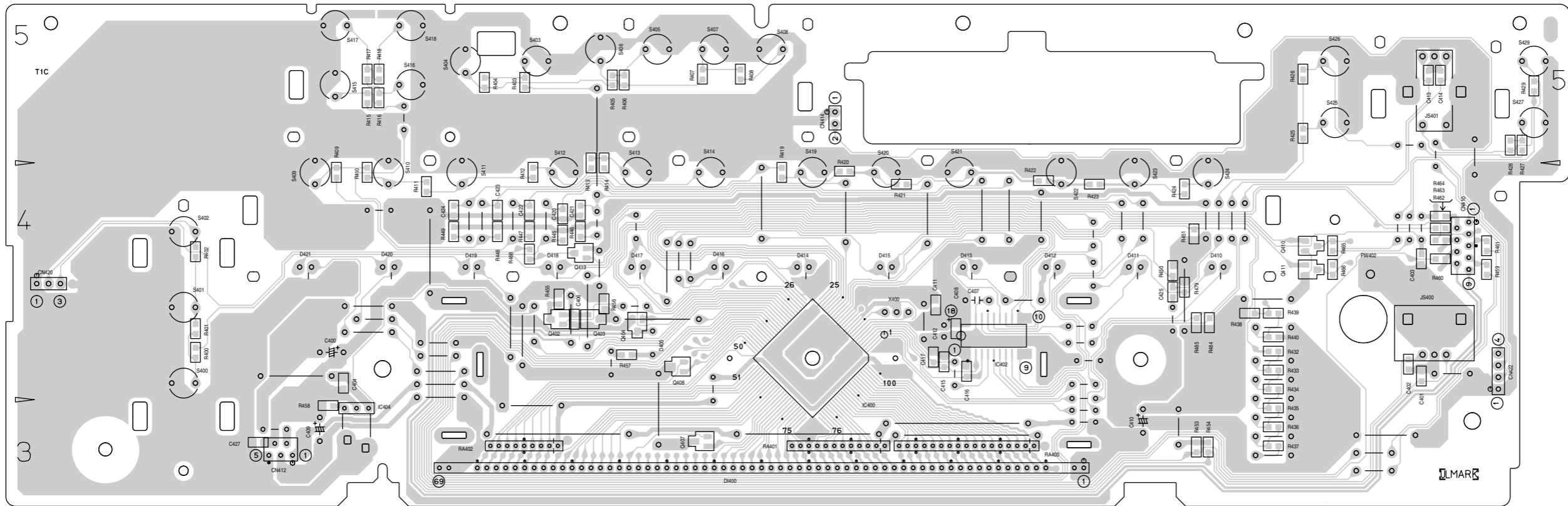


(Main board)

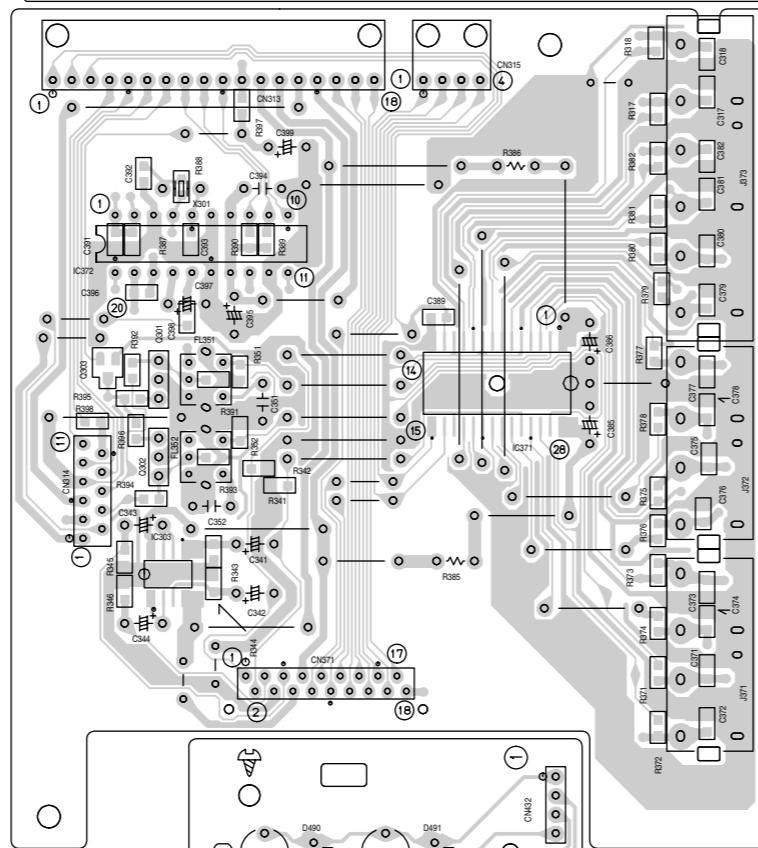


■ Front board

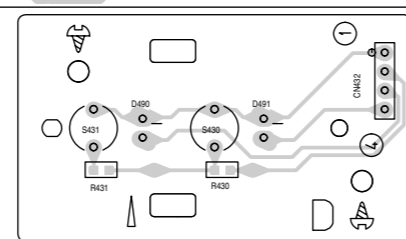
(Front key & System control board)



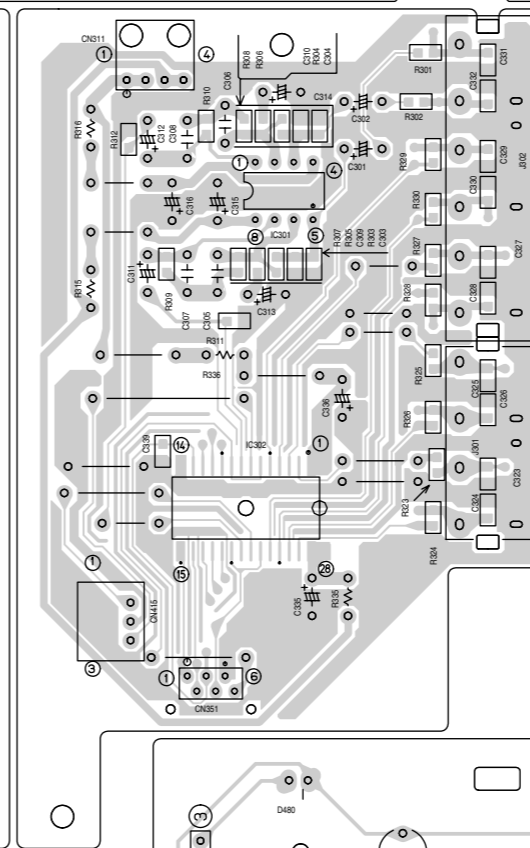
(S-Video board)



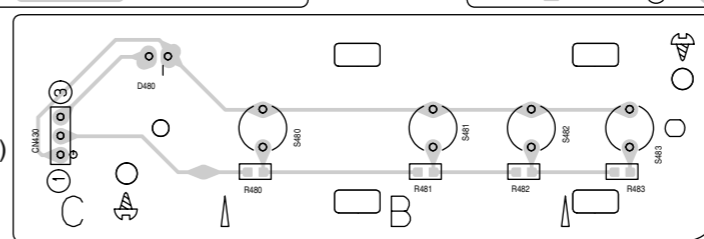
(Audio board)



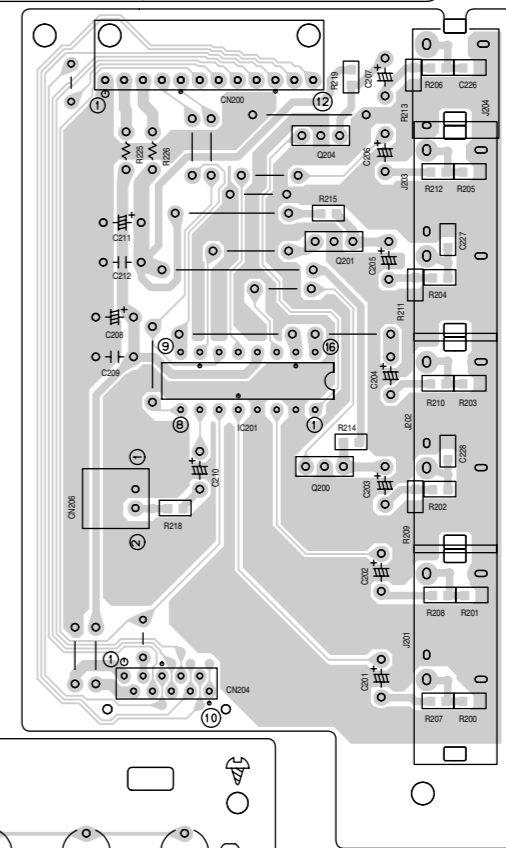
(Switch board)



(Audio2 board)

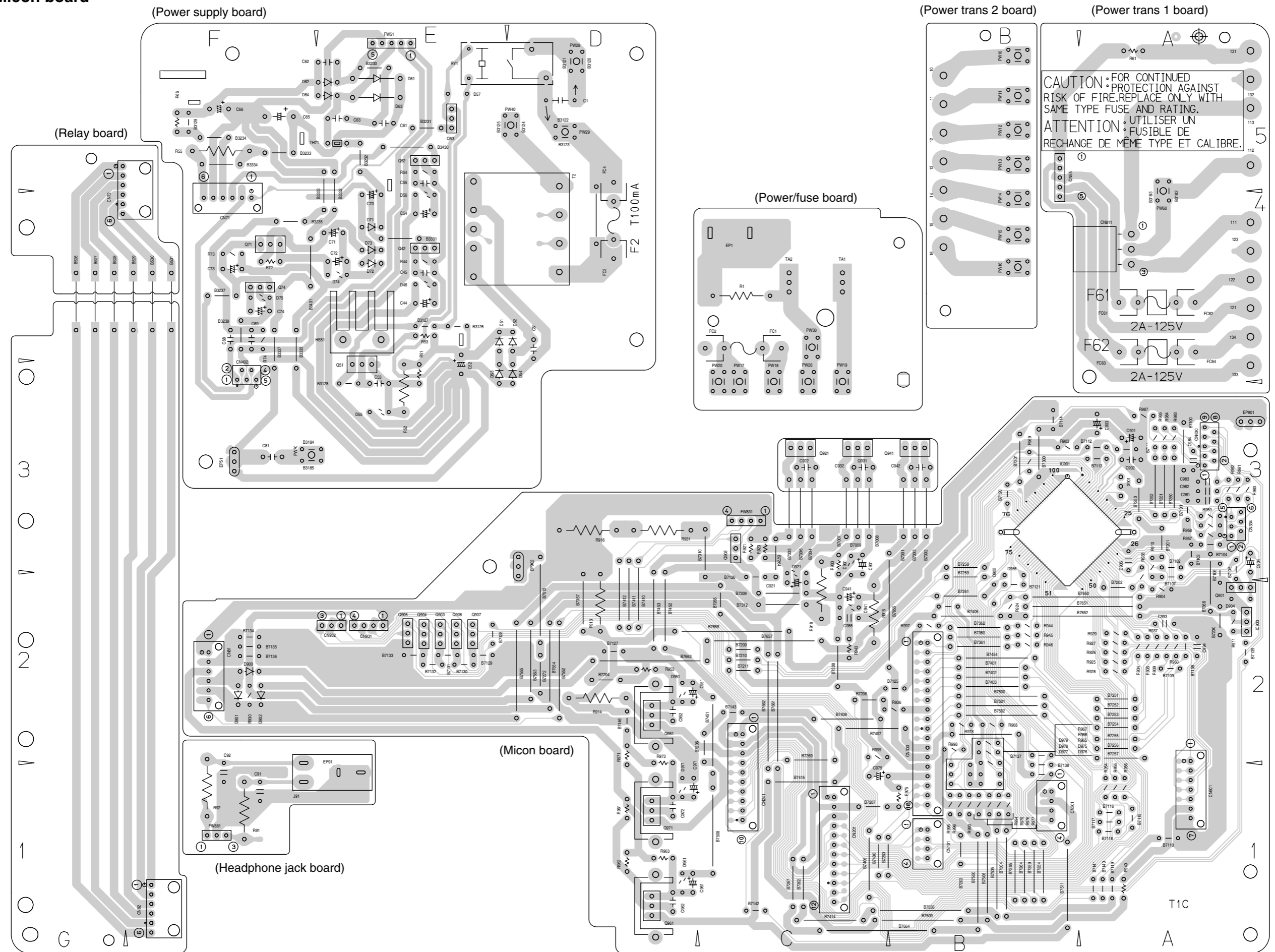


(Power switch board)



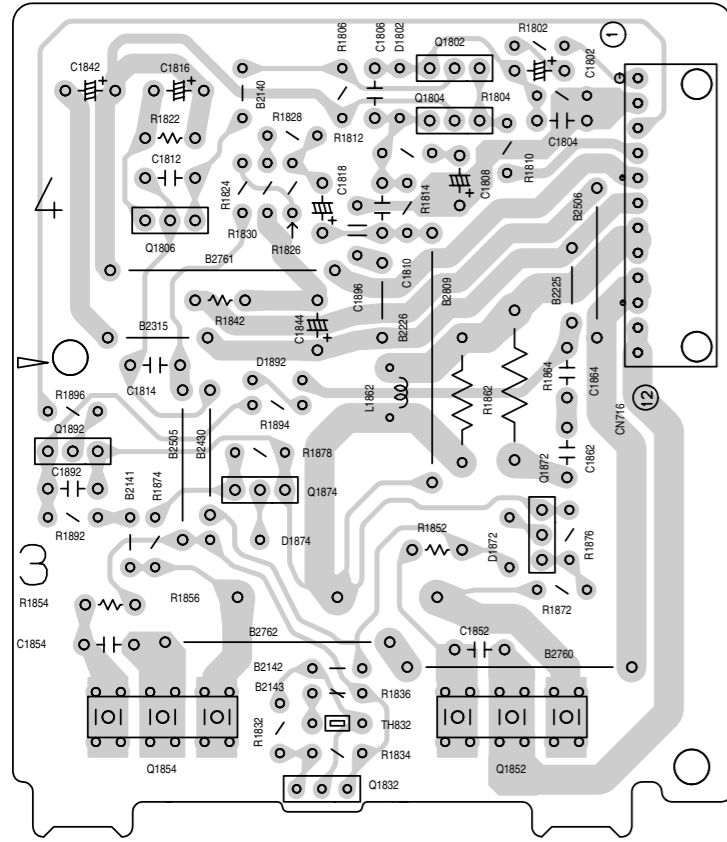
(Video board)

■ Micon board

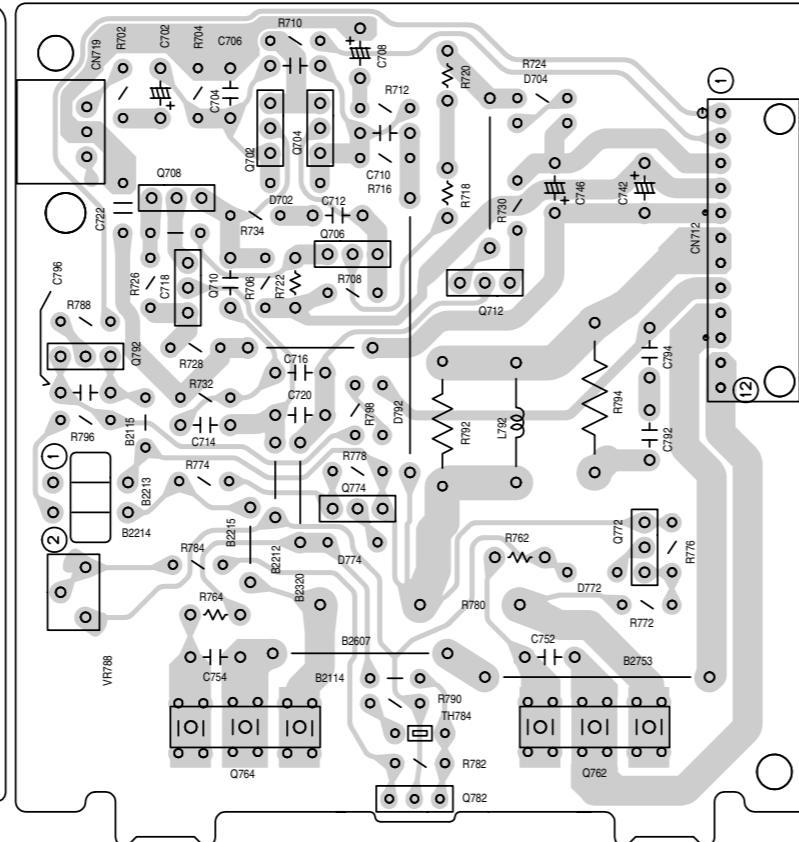


■ Power board

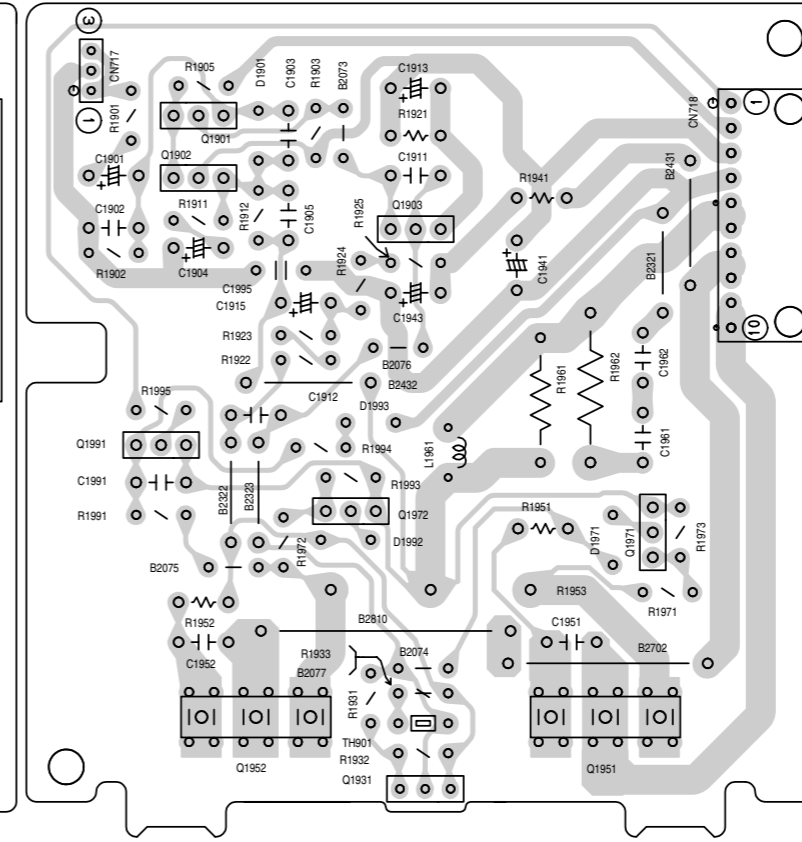
(Surround board [R])



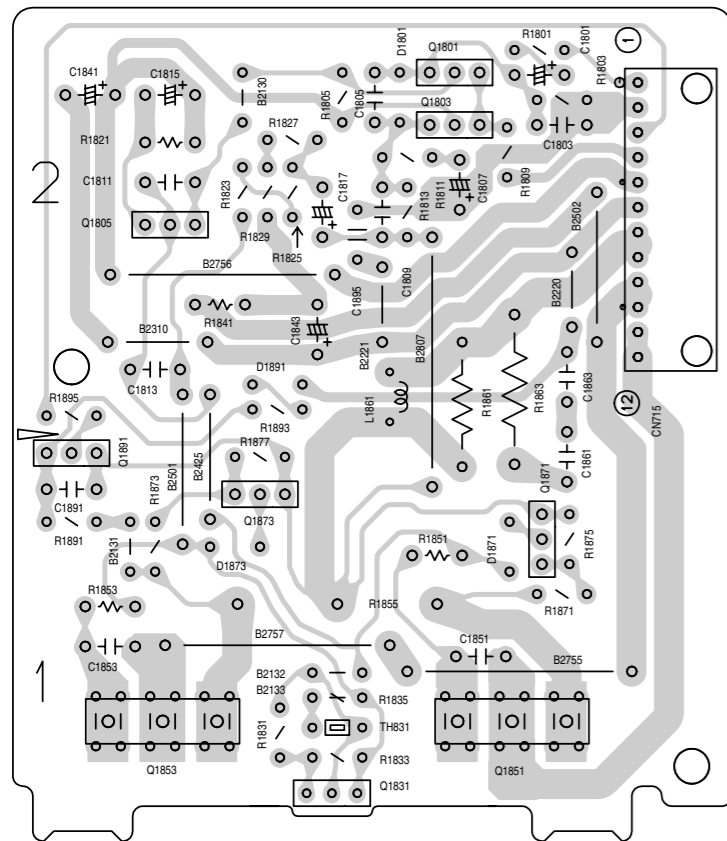
(Front board [L])



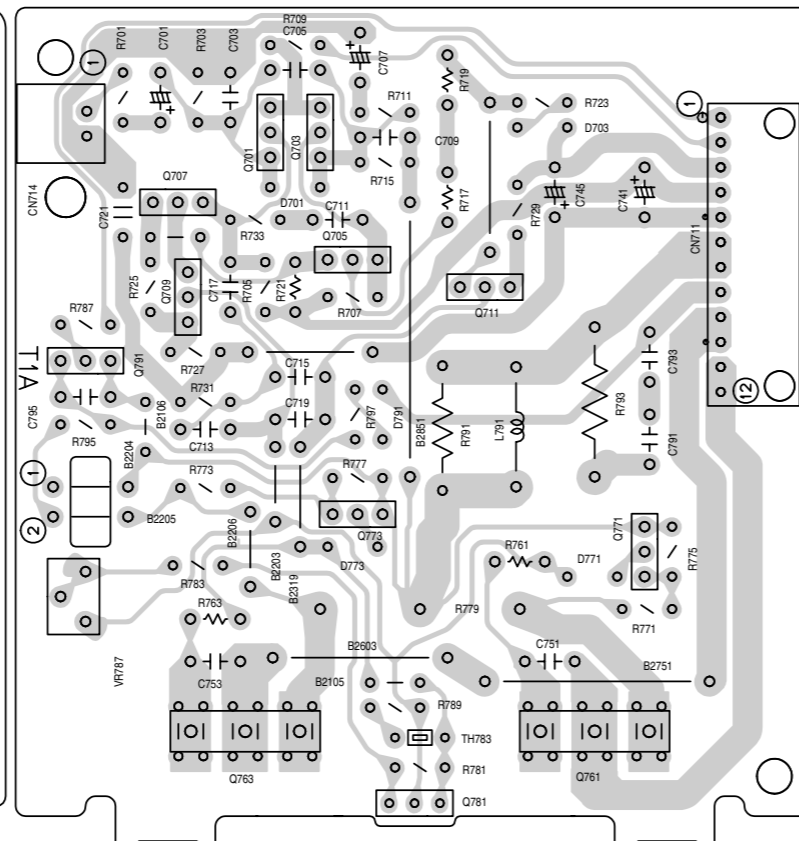
(Surround back board)



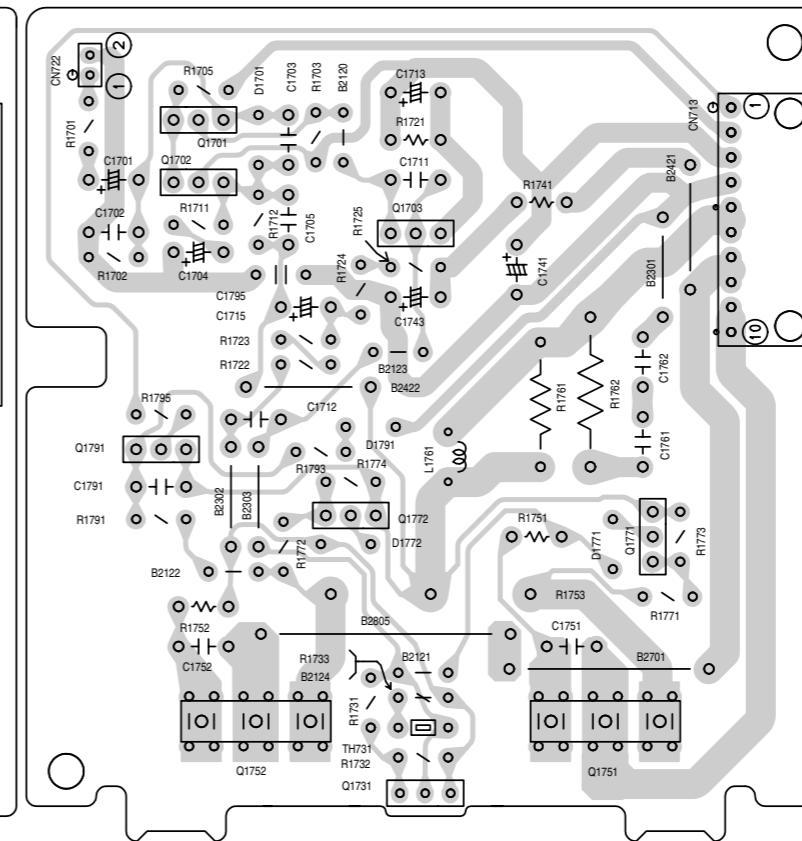
(Surround board [L])



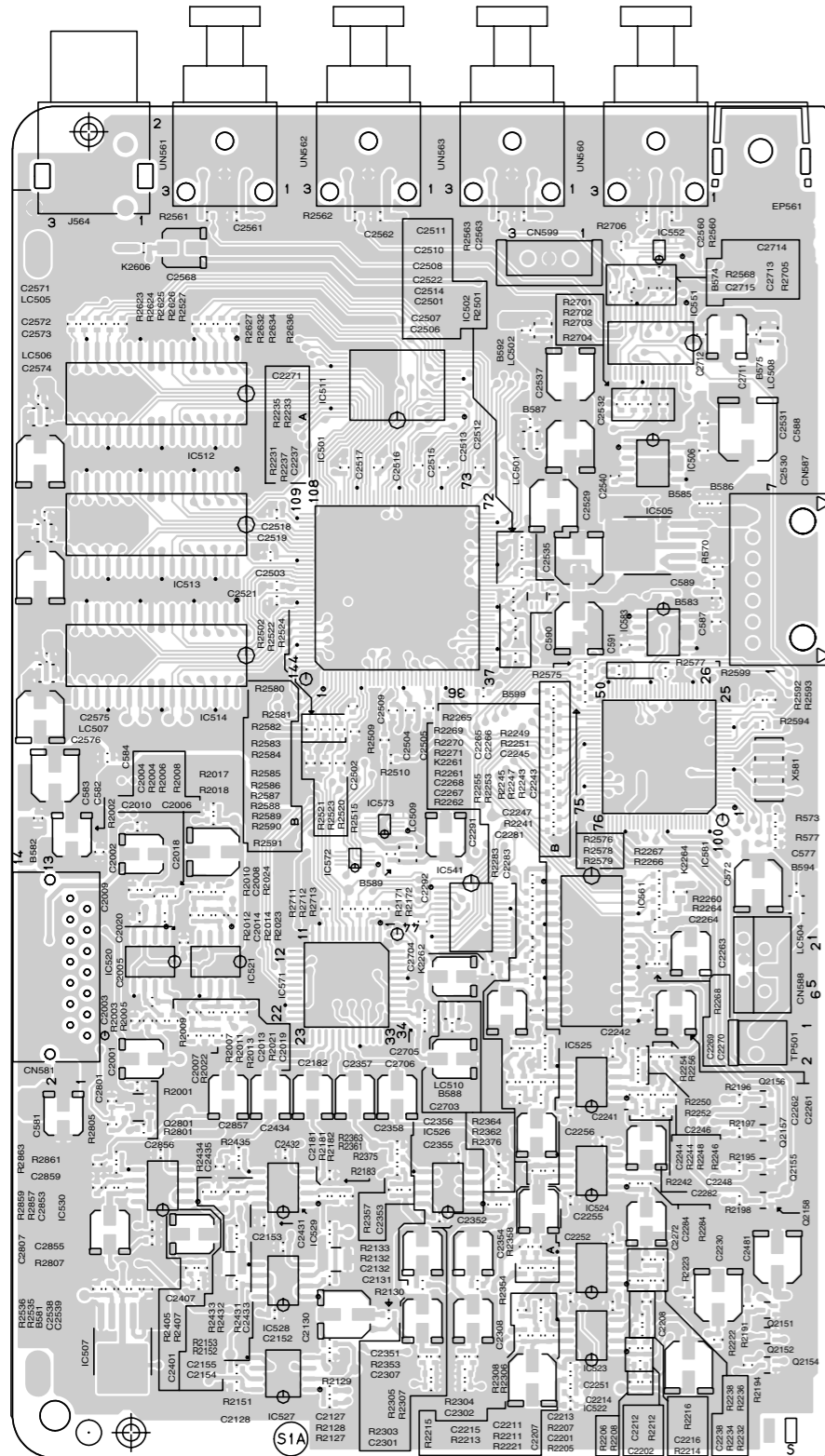
(Front board [R])



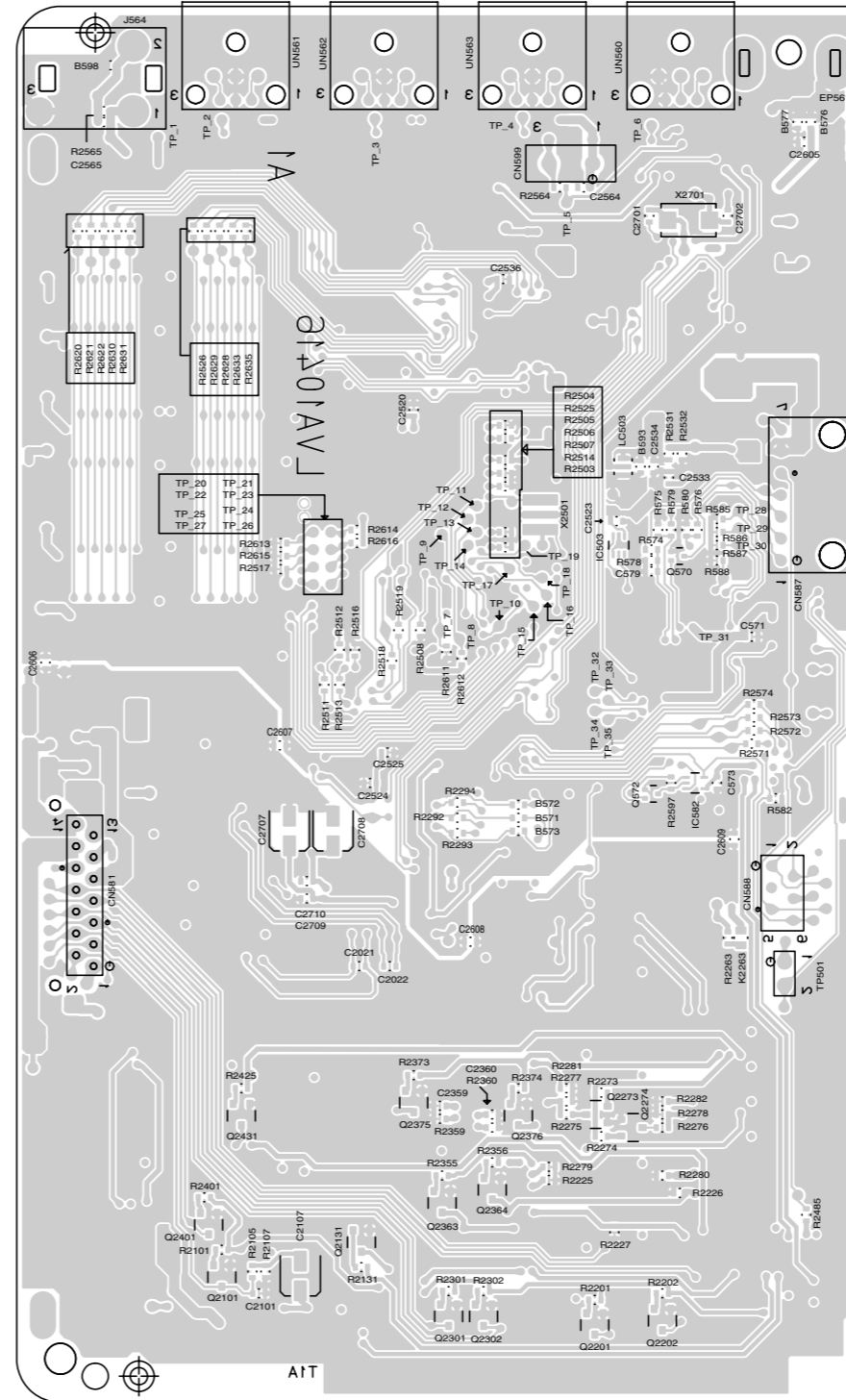
(Center board)



Forward side



Reverse side



< MEMO >

JVC

VICTOR COMPANY OF JAPAN, LIMITED

AV & MULTIMEDIA COMPANY AUDIO/VIDEO SYSTEMS CATEGORY 10-1, 1chome, Ohwatari-machi, Maebashi-city, 371-8543, Japan

(No.MB037SCH)



Printed in Japan
WPC

JVC

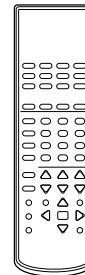
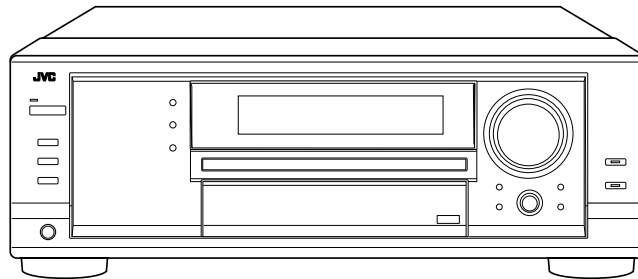
SERVICE MANUAL

AUDIO/VIDEO CONTROL RECEIVER

RX-8032VSL

Area suffix

E-----Continental Europe
EN-----Northern Europe



(For RX-8032VSL)



(For RX-8032VSL)

TABLE OF CONTENTS

1	PRECAUTION.....	1-2
2	SPECIFIC SERVICE INSTRUCTIONS.....	1-3
3	DISASSEMBLY	1-4
4	ADJUSTMENT	1-12
5	TROUBLESHOOTING	1-13

SECTION 1 PRECAUTION

1.1 Safety Precautions

- (1) This design of this product contains special hardware and many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Services should be performed by qualified personnel only.
- (2) Alterations of the design or circuitry of the product should not be made. Any design alterations of the product should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.
- (3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the Parts List of Service Manual. Electrical components having such features are identified by shading on the schematics and by (Δ) on the Parts List in the Service Manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement parts shown in the Parts List of Service Manual may create shock, fire, or other hazards.
- (4) The leads in the products are routed and dressed with ties, clamps, tubings, barriers and the like to be separated from live parts, high temperature parts, moving parts and/or sharp edges for the prevention of electric shock and fire hazard. When service is required, the original lead routing and dress should be observed, and it should be confirmed that they have been returned to normal, after reassembling.

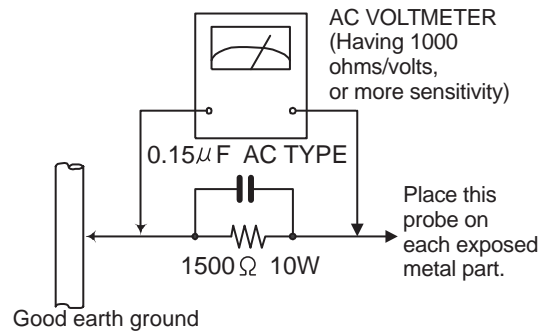
(5) Leakage shock hazard testing

After reassembling the product, always perform an isolation check on the exposed metal parts of the product (antenna terminals, knobs, metal cabinet, screw heads, headphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock. Do not use a line isolation transformer during this check.

- Plug the AC line cord directly into the AC outlet. Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground. Any leakage current must not exceed 0.5mA AC (r.m.s.).
- Alternate check method
Plug the AC line cord directly into the AC outlet. Use an AC voltmeter having, 1,000 Ω per volt or more sensitivity in the following manner. Connect a 1,500 Ω 10W resistor paralleled by a 0.15 μ F AC-type capacitor between an exposed metal part and a known good earth ground. Measure the AC voltage across the resistor with the AC

voltmeter.

Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Voltage measured any must not exceed 0.75 V AC (r.m.s.). This corresponds to 0.5 mA AC (r.m.s.).



1.2 Warning

- (1) This equipment has been designed and manufactured to meet international safety standards.
- (2) It is the legal responsibility of the repairer to ensure that these safety standards are maintained.
- (3) Repairs must be made in accordance with the relevant safety standards.
- (4) It is essential that safety critical components are replaced by approved parts.
- (5) If mains voltage selector is provided, check setting for local voltage.

1.3 Caution

Burrs formed during molding may be left over on some parts of the chassis.

Therefore, pay attention to such burrs in the case of pre-forming repair of this system.

1.4 Critical parts for safety

In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor (■), diode (■) and ICP (●) or identified by the " Δ " mark nearby are critical for safety. When replacing them, be sure to use the parts of the same type and rating as specified by the manufacturer. (This regulation does not Except the J and C version)

SECTION 2
SPECIFIC SERVICE INSTRUCTIONS

This service manual does not describe SPECIFIC SERVICE INSTRUCTIONS.

SECTION 3 DISASSEMBLY

3.1 Removing the top cover (See Fig.1)

- (1) From the both sides of the main body, remove the four screws **A** attaching the top cover.
- (2) From the back side of the main body, remove the three screws **B** attaching the top cover.
- (3) Remove the top cover in the direction of the arrow 2 while extending the lower sections of the top cover in the direction of the arrow 1.

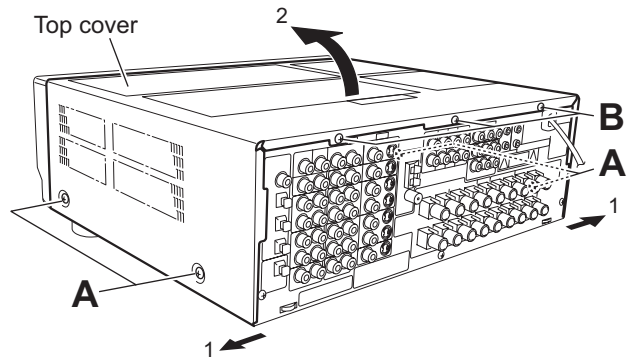


Fig.1

3.2 Removing the rear panel (See Fig.2)

- Prior to performing the following procedures, remove the top cover.
- (1) From the back side of the main body, remove the strain relief from the rear panel in the direction of the arrow.
- (2) Remove the thirty-three screws **C**, two screws **D** and three screws **E** attaching the rear panel.

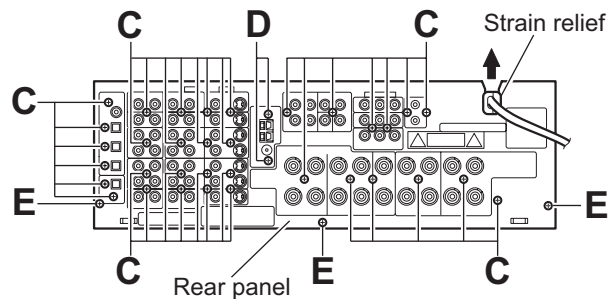


Fig.2

3.3 Removing the I/O board (See Fig.3)

- Prior to performing the following procedures, remove the top cover and rear panel.
- (1) From the top side of the main body, remove the two plastic rivets in the direction of the arrow 1. and remove the stopper boards in the direction of the arrow 2.
- (2) Remove the tie bands bundling the wires.
- (3) Disconnect the wire from the connector [CN722](#) on the center board.
- (4) Disconnect the wire from the connector [CN714](#) on the front board (L).
- (5) Disconnect the wire from the connector [CN717](#) on the surround back board.
- (6) Disconnect the wire from the connector [CN719](#) on the front board (R).
- (7) Disconnect the wire from the connector [CN723](#) on the main board.
- (8) Disconnect the connectors ([CN205](#), [CN361](#), [CN381](#), [CN501](#)) on the I/O board in an upward direction.

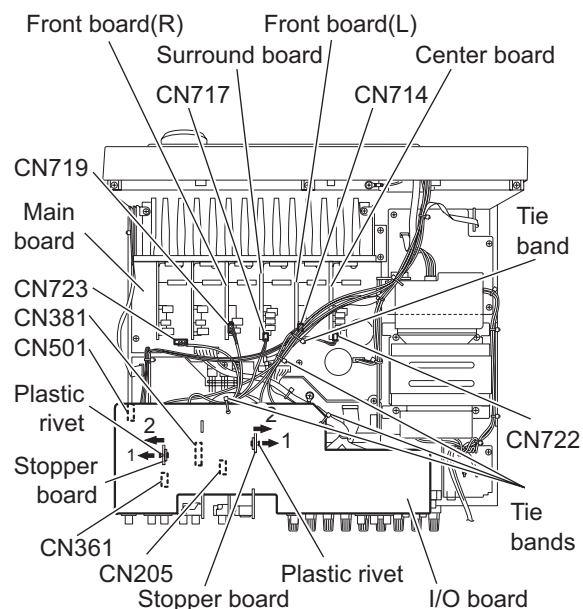


Fig.3

3.4 Removing the front panel assembly (See Fig.4 and Fig.5)

- Prior to performing the following procedures, remove the top cover, rear panel and I/O board.
- (1) From the top side of the main body, remove the tie bands bundling the wires. (See Fig.4)
- (2) Disconnect the wire from the connector [CN599](#) on the DSP board. (See Fig.4)
- (3) Disconnect the wire from the connector [CN415](#) on the Audio2 board. (See Fig.4)
- (4) Disconnect the wire from the connector [CN206](#) on the Video board. (See Fig.4)
- (5) Disconnect the wire from the connector [CN244](#) on the S-Video board. (See Fig.4)
- (6) Disconnect the card wire from connector [CN402](#) on the power supply board. (See Fig.4)
- (7) Disconnect the card wire from connector [CN400](#) on the micon board. (See Fig.4)
- (8) Remove the tie band and wire protection board fixing the card wire. (See Fig.4)
- (9) Remove the three screws **F** and screw **G** attaching the front panel assembly. (See Fig.4)

Reference:

When attaching the screw **G**, attach the earth wire with it.

- (10) From the bottom side of the main body, remove the four screws **H** attaching the front panel assembly. (See Fig.5)
- (11) Remove the front panel assembly in the direction of the arrow. (See Fig.5)

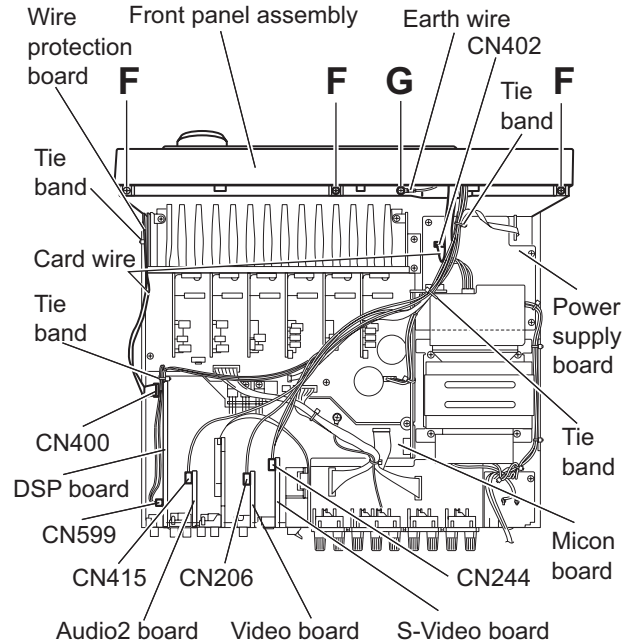


Fig.4

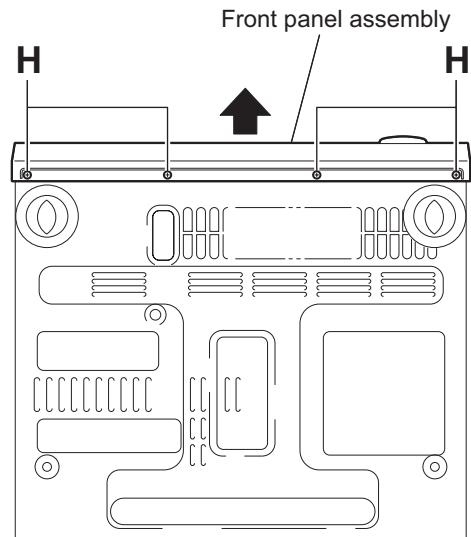


Fig.5

3.5 Removing the tuner, DSP board, Audio board, Audio2 board, Video board and S-Video board (See Fig.6)

- Prior to performing the following procedures, remove the top cover, rear panel and I/O board.
 - (1) From the top side of the main body, remove the tie band bundling the wire.
 - (2) Disconnect the card wire from connector [CN314](#) on the Audio board, and take out the tuner.
 - (3) Disconnect the wire from the connector [CN599](#) on the DSP board.
 - (4) Disconnect the DSP board from the connector [CN601](#) on the micon board.
 - (5) Disconnect the wire from the connector [CN415](#) on the Audio2 board.
 - (6) Disconnect the Audio2 board from the connector [CN301](#) on the micon board.
 - (7) Disconnect the Audio board from the connectors ([CN101](#), [CN303](#)) on the micon board.
 - (8) Disconnect the wire from the connector [CN206](#) on the Video board.
 - (9) Disconnect the Video board from the connector [CN201](#) on the micon board.
 - (10) Disconnect the wire from the connector [CN244](#) on the S-Video board.
 - (11) Disconnect the S-Video board from the connector [CN241](#) on the micon board.

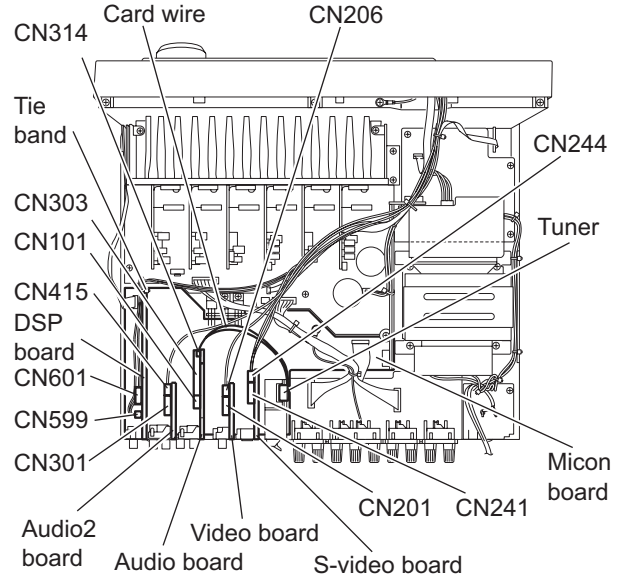


Fig.6

3.6 Removing the micon board (See Fig.7)

- Prior to performing the following procedures, remove the top cover, rear panel, I/O board, tuner, DSP board, Audio board, Audio2 board, Video board and S-Video board.
 - (1) From the top side of the main body, disconnect the card wire from the connector [CN400](#) on the micon board.
 - (2) Disconnect the relay board from the connector [CN81](#) on the micon board.
 - (3) Disconnect the parallel wire from the connectors [CN931](#) and [CN932](#) on the micon board.
 - (4) Disconnect the parallel wire from the connector [CN831](#) on the main board.
 - (5) Remove the three screws **J** attaching the micon board.

Reference:

When attaching the screw **J**, attach the earth wire with it.

- (6) Remove the three screws **K** attaching the transistors ([Q921](#), [Q931](#), [Q941](#)) to the chassis base.
- (7) Loosen the screw **L** attaching the micon board.

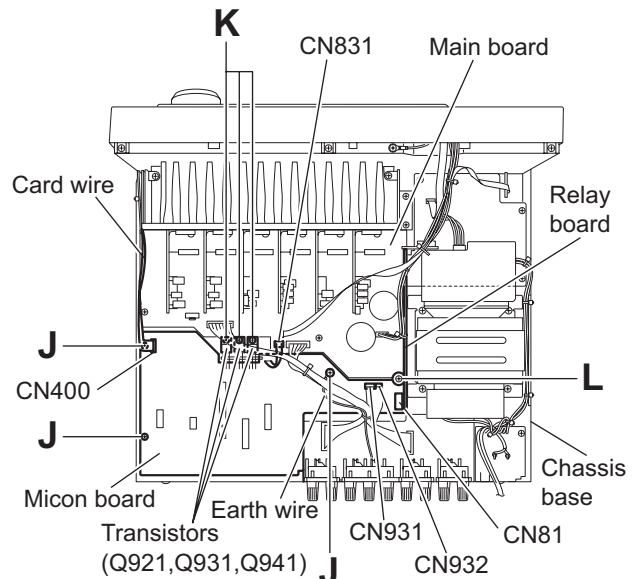


Fig.7

3.7 Removing the speaker board (See Fig.8)

- Prior to performing the following procedures, remove the top cover, rear panel.
 - (1) From the top side of the main body, remove the tie band bundling the wires.
 - (2) Disconnect the wires from the connectors (CN813, CN814) on the main board.
 - (3) Disconnect the parallel wire from the connectors (CN931, CN932) on the micon board.
 - (4) Remove the screw **J** attaching the micon board.
 - (5) Take out the speaker board in the direction of the arrow.

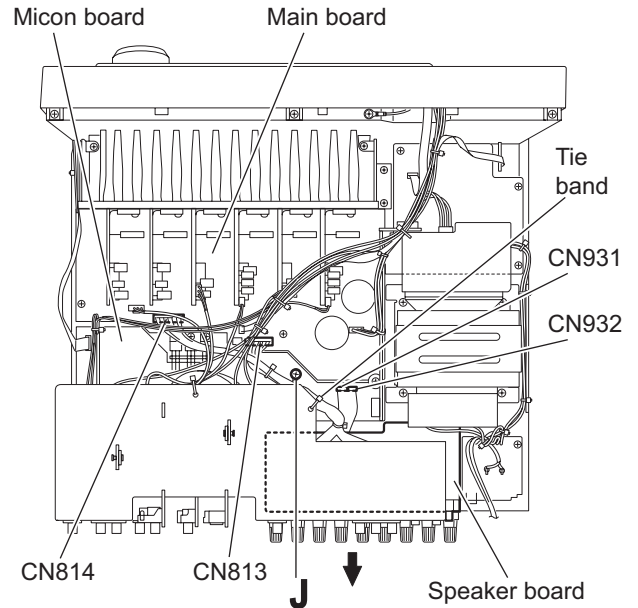


Fig.8

3.8 Removing the main board (See Fig.9)

- Prior to performing the following procedures, remove the top cover.
 - (1) From the top side of the main body, remove the tie bands bundling the card wire and wires.
 - (2) Remove the tie band and wire protection board bundling the card wire.
 - (3) Disconnect the wire from the connector CN811 on the power transformer board 1.
 - (4) Disconnect the relay board from the connector (CN71, CN81) on the power supply board and micon board.
 - (5) Disconnect the parallel wire from the connectors (CN831, CN881) on the main board.
 - (6) Disconnect the wire from the connectors (CN723, CN813, CN814) on the main board.
 - (7) Disconnect the wire from the connector CN722 on the center board.
 - (8) Disconnect the wire from the connector CN714 on the front board (L).
 - (9) Disconnect the wire from the connector CN717 on the surround back board.
 - (10) Disconnect the wire from the connector CN719 on the front board (R).
 - (11) Remove the screw **L**, six screws **M** and two screws **N** attaching the main board.
 - (12) Take out the main board.

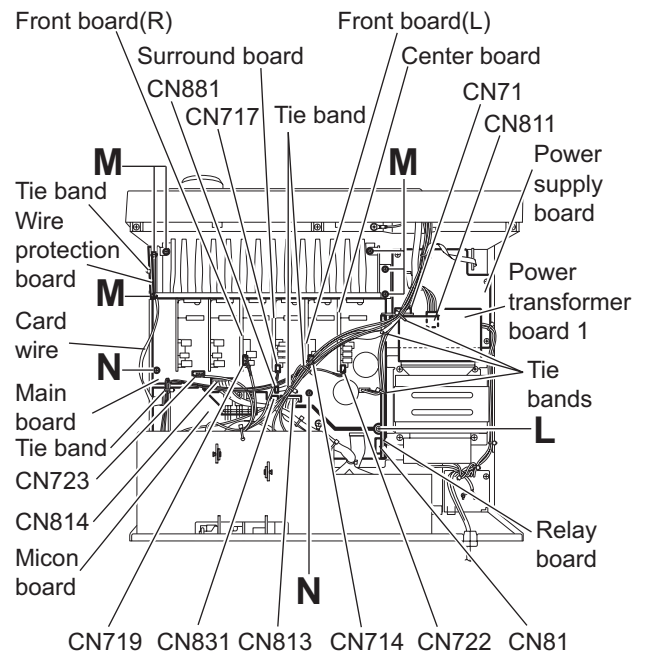


Fig.9

3.9 Removing the heat sink (See Fig.10 and 11)

- Prior to performing the following procedures, remove the top cover and main board.
 - (1) From the reverse side of the main board, remove the two screws **P** attaching the main board to the heat sink. (See Fig.10)
 - (2) Disconnect the connector (CN701-CN706) on the main board, remove the main board. (See Fig.10)
 - (3) Remove the twelve screws **Q** attaching the heat sink. (See Fig.11)

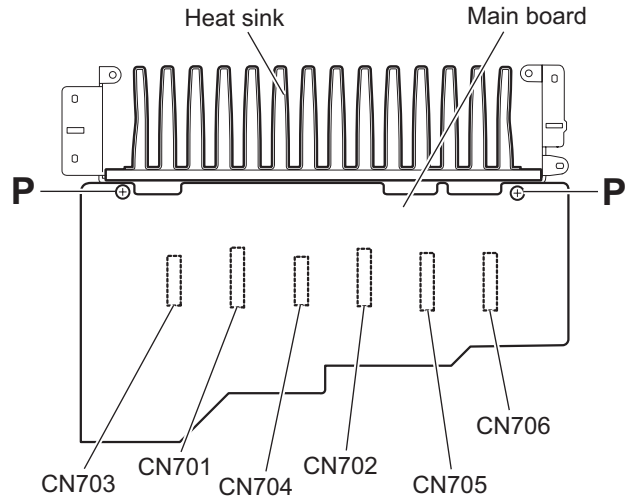


Fig.10

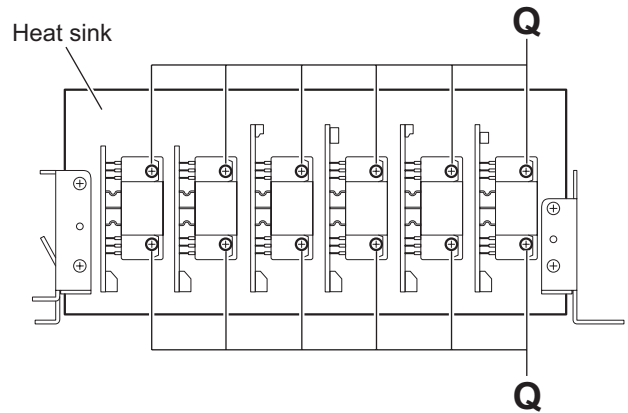


Fig.11

3.10 Removing the center board, front boards (L/R), surround boards (L/R) and surround back board (See Fig.10 and Fig.12)

- Prior to performing the following procedures, remove the top cover and main board.
 - (1) From the reverse side of the main board, remove the two screws **P** attaching the main board to the heat sink. (See Fig.10)
 - (2) Disconnect the connectors (CN701-CN706) on the main board, remove the main board. (See Fig.10)
 - (3) Remove the two screws **Q** attaching the center board. (See Fig.12)
 - (4) Remove the two screws **Q** attaching the front board (L). (See Fig.12)
 - (5) Remove the two screws **Q** attaching the surround back board. (See Fig.12)
 - (6) Remove the two screws **Q** attaching the front board (R). (See Fig.12)
 - (7) Remove the two screws **Q** attaching the surround board (L). (See Fig.12)
 - (8) Remove the two screws **Q** attaching the surround board (R). (See Fig.12)

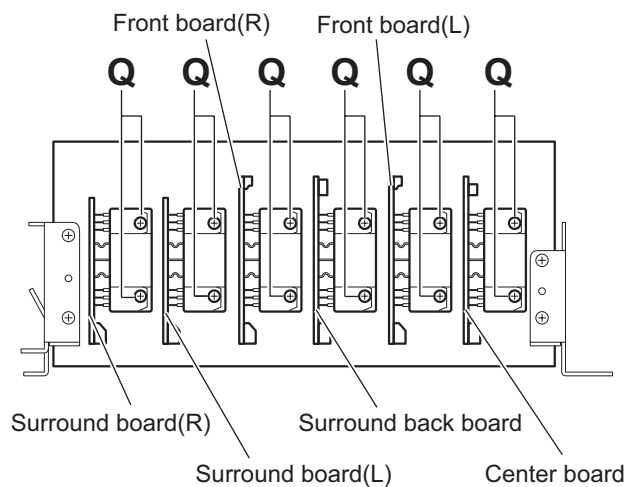


Fig.12

3.11 Removing the power transformer (See Fig.13)

- Prior to performing the following procedures, remove the top cover.
 - (1) From the top side of the main body, remove the tie band bundling the wires.
 - (2) Disconnect the wire from the connectors (CN55, CN811) on the power transformer board 1.
 - (3) Remove the solders from the soldered sections a on the power transformer board 2.
 - (4) Remove the four screws R attaching the power transformer.

3.12 Removing the power/fuse board (See Fig.13)

- Prior to performing the following procedures, remove the top cover.
 - (1) From the back side and top side of the main body, remove the tie band from the bundling the wires and the power cord.
 - (2) Remove the screws S and screw T attaching the power/fuse board.
 - (3) Remove the solders from the soldered sections b attaching the power cord.
 - (4) From the reverse side of the power/fuse board, remove the solders from the soldered sections c attaching the wires.

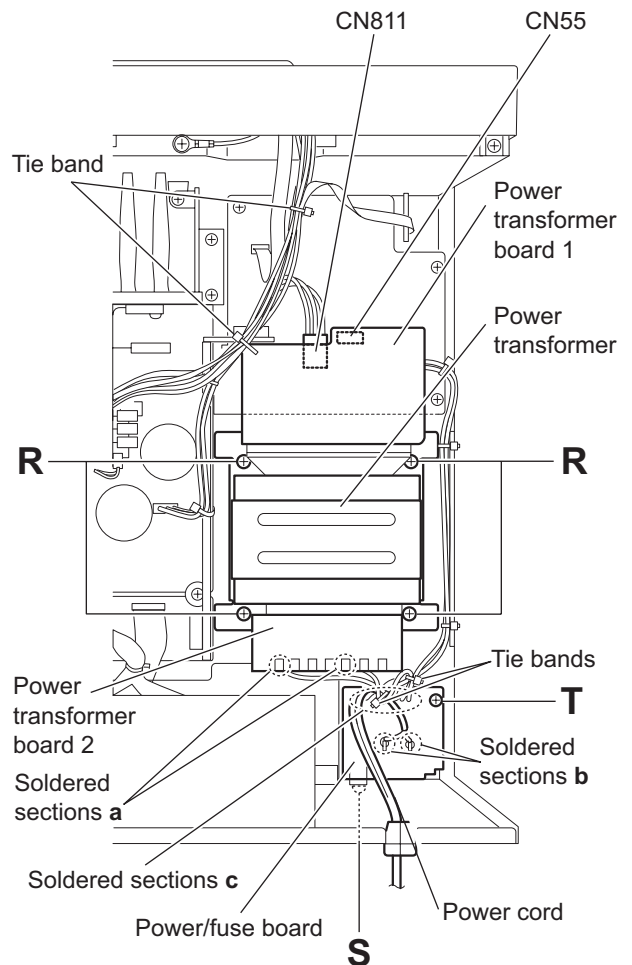


Fig.13

3.13 Removing the power supply board (See Fig.14)

- Prior to performing the following procedures, remove the top cover.
 - (1) From the top side of the main body, disconnect the parallel wire from the connector CN55 on the power transformer board 1.
 - (2) Disconnect the card wire from the connector CN402 on the power supply board.
 - (3) Disconnect the relay board from the connector CN71 on the power supply board.
 - (4) Remove the three screws U attaching the power supply board.
 - (5) Remove the power supply board from the hook d of the chassis base bracket in the direction of the arrow, and take out the power supply board.
 - (6) Turn over the power supply board, and remove the solders from the soldered sections e attaching the wire.

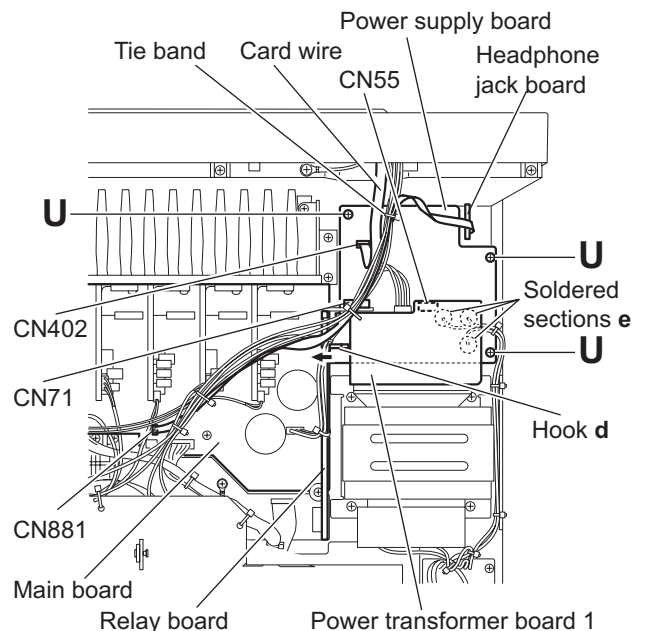


Fig.14

3.14 Removing the headphone jack board (See Fig.14 and Fig.15)

- Prior to performing the following procedures, remove the top cover, rear panel, I/O board and front panel assembly.
 - (1) From the top side of the main body, disconnect the parallel wire from the connector [CN881](#) on the main board. (See Fig.14)
 - (2) From the front side of the main body, remove the nut and screw **V** attaching the headphone bracket to the front bracket. (See Fig.15)
 - (3) Remove the three screws **U** attaching the power supply board. (See Fig.14)
 - (4) Take out the headphone jack board from the inside of the chassis base while lifting the power supply board.

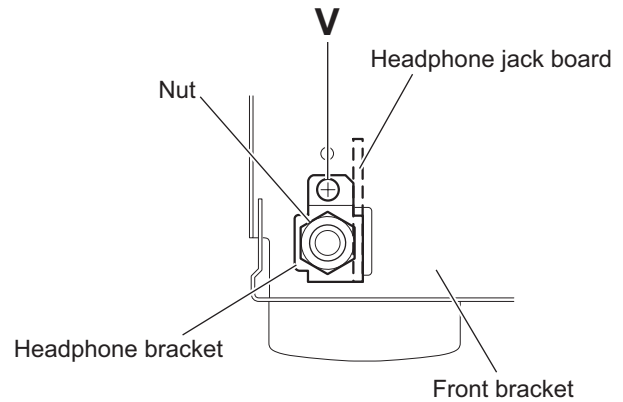


Fig.15

3.15 removing the switch board (See Fig.16)

- Prior to performing the following procedures, remove the top cover, rear panel, I/O board and front panel assembly.
 - (1) From the back side of the front panel assembly, remove the two screws **W** attaching the switch board.
 - (2) Take out the switch board, disconnect the wire from the connector [CN432](#) on the switch board.

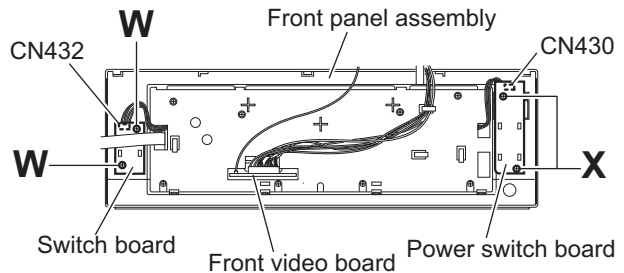


Fig.16

3.16 Removing the power switch board (See Fig.16)

- Prior to performing the following procedures, remove the top cover, rear panel, I/O board and front panel assembly.
 - (1) From the back side of the front panel assembly, remove the two screws **X** attaching the power switch board.
 - (2) Take out the power switch board, disconnect the wire from the connector [CN430](#) on the power switch board.

3.17 Removing the front key & system control board, front video board (See Fig.17 to Fig.20)

- Prior to performing the following procedures, remove the top cover, rear panel, I/O board, front panel assembly, switch board and power switch board.
 - (1) From the front side of the front panel assembly, pull out the volume and jog knobs, and remove the nut attaching the front key & system control board. (See Fig.17)
 - (2) From the back side of the front panel assembly, remove the eight screws **Y** attaching the sub panel assembly. (See Fig.18)
 - (3) Remove the wires of the front video board from the hook **f** of the front panel assembly in the direction of the arrow 1. (See Fig.18)
 - (4) Remove the sub panel assembly while releasing the claws **g** in the direction of the arrow 2. (See Fig.18 and Fig.19)
 - (5) From the front side of the front panel assembly, disconnect the wire from the connector **CN412** on the front key & system control board, and take out the front video board. (See Fig.20)
 - (6) Remove the claws **h** attaching the front key & system control board in the direction of the arrow and take out the front key & system control board. (See Fig.20)

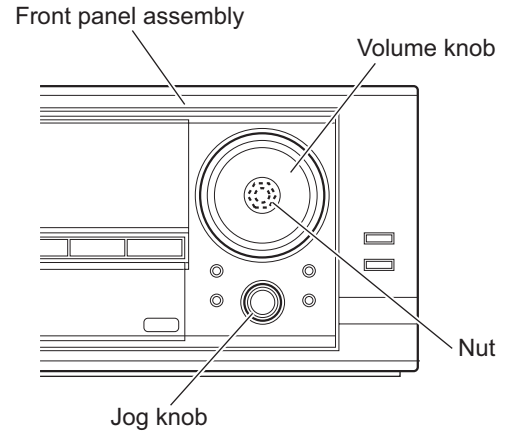


Fig.17

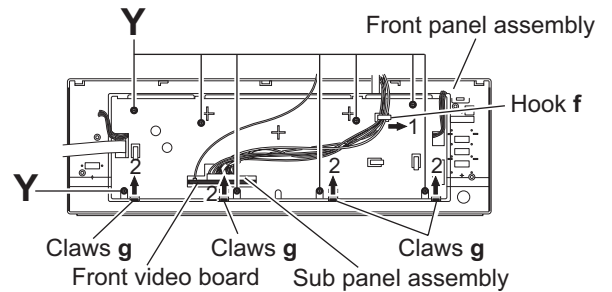


Fig.18

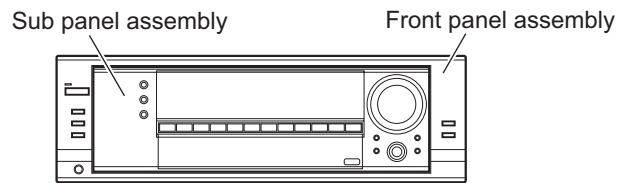


Fig.19

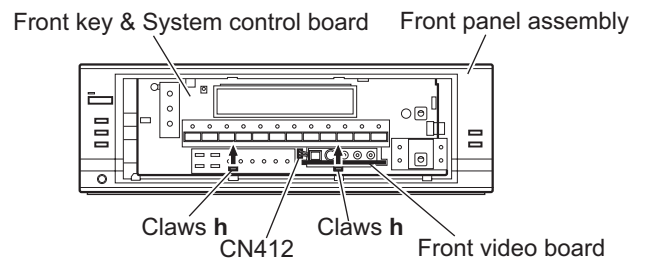


Fig.20

SECTION 4 ADJUSTMENT

4.1 Adjustment method

■ Tuner section

1. Tuner range

FM 87.5MHz to 108.0MHz

AM 530kHz to 1710kHz

■ Power amplifier section

Adjustment of idling current

Measurement location B2204-B2205 (Lch), B2213-B2214 (Rch)

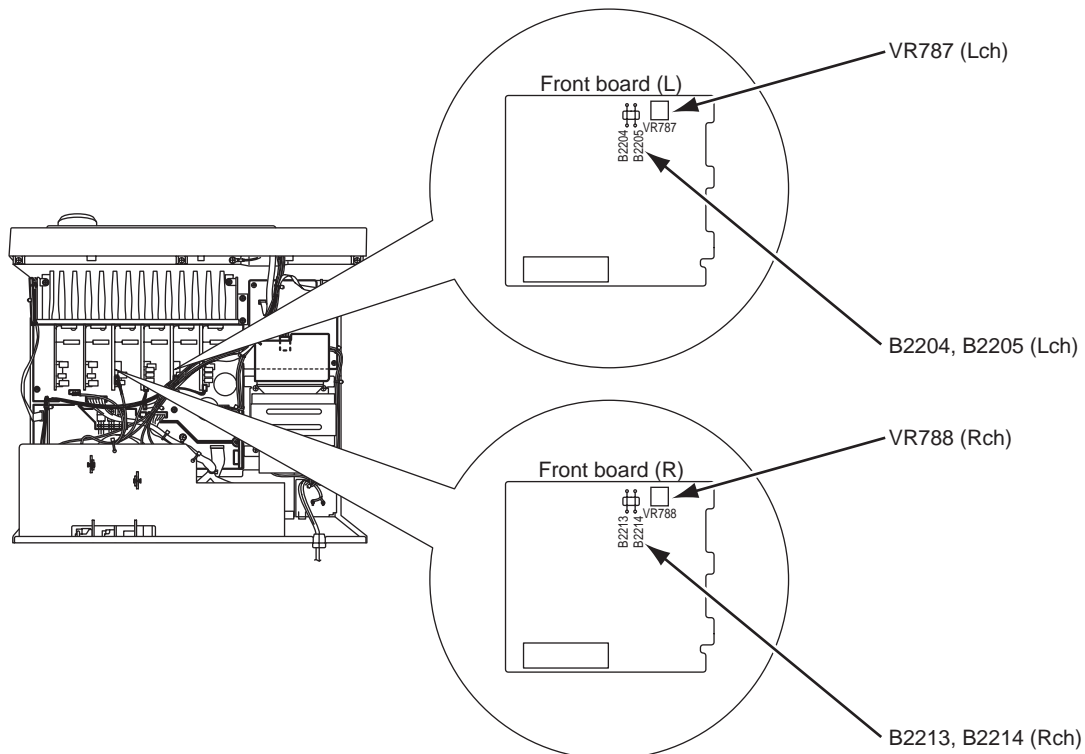
Adjustment part VR787 (Lch), VR788 (Rch)

Attention:

This adjustment does not obtain a correct adjustment value immediately after the amplifier is used (state that an internal temperature has risen). Please adjust immediately after using the amplifier after turning off the power supply of the amplifier and falling an internal temperature.

<Adjustment method>

- (1) Set the volume control to minimum during this adjustment. (No signal & No load)
 - (2) Set the surround mode OFF.
 - (3) Turn VR787 and VR788 fully counterclockwise to warm up before adjustment.
If the heat sink is already warm from previous use the correct adjustment can not be made.
 - (4) For L-ch, connect a DC voltmeter between B2204 and B2205 (Lch) and, connect it between B2213 and B2214 (Rch).
 - (5) 30 minutes later after power on, adjust VR787 for Lch, or VR788 for Rch so that the DC voltmeter value has 1mV to 10mV.
- It is not abnormal though the idling current might not become 0mA even if it is finished to turn variable resistance (VR787, VR788) in the direction of counterclockwise.



SECTION 5 TROUBLESHOOTING

5.1 Self-diagnose function

This model incorporates the following self-diagnostic functions.

1. PROTECTOR

- The PROTECTOR IN port detects errors such as speaker overcurrent and DC voltage output errors (Active: L). Immediately after detection, all relays are switched off and the alarm display as shown below (blinking at intervals of 0.5 sec. ON and 0.5 sec. OFF) is displayed in the lower part of the FL matrix.

During the alarm display, all other FL and LED segments are turned off.

OVERLOAD

- The overload status can be canceled by switching the power off. When the power is switched on again, the unit is turned on in the same abnormal status as before. Lower the volume level for 10 steps for protection. (If the previous volume level was between 0 and 9, lower it to 0).
- The detection by the protector is not performed for 4 seconds after power on.

2. Supply voltage error detection

- When the power is switched on, the supply voltage at the A/D input port (pins 2 to 5 and 7) is monitored and, when an error is detected continuously for 1 second, the unit immediately enters the standby mode.
- When the power is switched on again, the unit is turned on in the same abnormal status as before.
- The supply voltage error detection is not performed for 4 seconds after power on.
- The following table shows the error detection thresholds.

	At abnormal state (Low voltage)	At normal state	At abnormal state (High voltage)
Pin 2	Analog value : 0 - 2.2 Digital value : 000 - 1C0	Analog value : 2.2 - 2.8 Digital value : 1C1 - 240	Analog value : 2.8 - 5.0 Digital value : 241 - 3FF
Pin 3	Analog value : 0 - 2.2 Digital value : 000 - 1C0	Analog value : 2.2 - 2.8 Digital value : 1C1 - 240	Analog value : 2.8 - 5.0 Digital value : 241 - 3FF
Pin 4	Analog value : 0 - 2.2 Digital value : 000 - 1C0	Analog value : 2.2 - 2.8 Digital value : 1C1 - 240	Analog value : 2.8 - 5.0 Digital value : 241 - 3FF
Pin 5	Analog value : 0 - 2.2 Digital value : 000 - 1C0	Analog value : 2.2 - 2.8 Digital value : 1C1 - 240	Analog value : 2.8 - 5.0 Digital value : 241 - 3FF
Pin 7	Analog value : 0 - 2.2 Digital value : 000 - 1C0	Analog value : 2.2 - 2.8 Digital value : 1C1 - 240	Analog value : 2.8 - 5.0 Digital value : 241 - 3FF



JVC

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