

JVC

SCHEMATIC DIAGRAMS

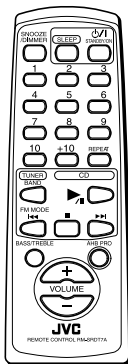
CD PORTABLE SYSTEM

RD-T70RBU RD-T50RLB

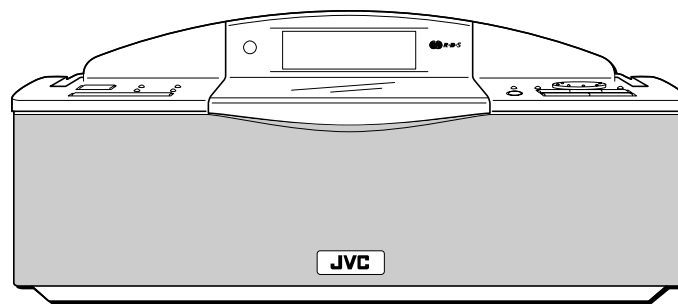
CD-ROM No.SML200207

Area suffix

B ----- U.K.
 E ----- Continental Europe
 EN ----- Northern Europe
 EV ----- Eastern Europe



[RD-T70RBU Only]



COMPACT
disc
 DIGITAL AUDIO



Comparison table

Item	RD-T50RLB	RD-T70RBU
AHB	Not used	Used
Back light (LCD)	Not used	Used
Remote control	Not used	Used

Contents

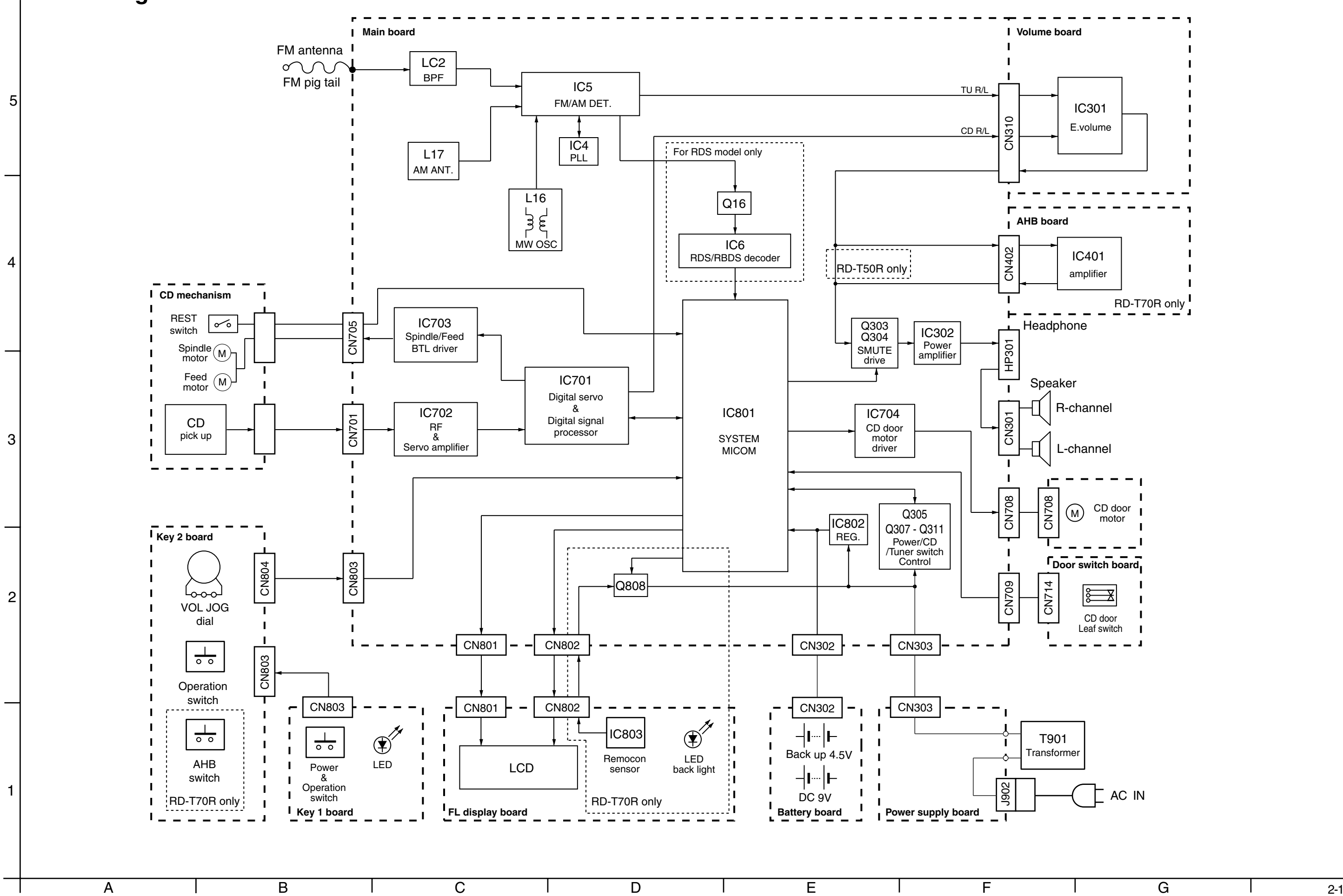
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Printed circuit boards	2-7, 8

RD-T70RBU/RD-T50RLB

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 diagram



Standard schematic diagrams

System control section

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(To E-1 on page 2-6)
To Key-2 board

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VERSION	R819
J / C	Non
A	15K
U / US / UT / UJ	6.9K
UR / UY / UP	4.7K
UX	3.3K
DOM	2.2K
E / B / EN / EV	1K5
EE	680

(To A-4 and B-4 on page 2-6)
To FL display board

(To B-4 and C-4 on page 2-6)
To FL display board

RD-T70R ONLY

To CD servo control section
(To H-5 on page 2-4)

(To A-1 and A-2 on page 2-5)
(To G-2 on page 2-3), (To A-3 on page 2-5)
(To G-2 on page 2-3)
(To G-2 on page 2-3), (To A-3 on page 2-5)
(To A-1 and A-2 on page 2-5)
T70 ONLY — (To A-3 on page 2-5)
— (To A-1 on page 2-5)
"R" ONLY } (To G-2 on page 2-3)
"R" ONLY }
— (To A-3 on page 2-5)
— (To G-2 on page 2-3)

(To A-1 on page 2-5)

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

■ Tuner section

IC5 LA1823					
PN	FM	AM	PN	FM	AM
1	1.27	1.26	13	3.57	4.05
2	1.27	1.26	14	3.64	3.02
3	4.36	4.68	15	3.64	0.74
4	4.36	4.68	16	1.23	1.27
5	2.08	2.54	17	1.23	1.27
6	0	0	18	1.27	1.27
7	0.01	1.12	19	1.0	0.32
8	4.32	4.68	20	4.25	4.64
9	4.36	4.67	21	4.24	4.64
10	1.27	1.26	22	4.25	4.66
11	1.27	1.26	23	0	0
12	0.10	0.45	24	0.95	0

IC4 LC72136					
PN	FM	AM	PN	FM	AM
1	2.5	2.71	13	0	0
2	0.02	5.84	14	0	0
3	0	0	15	2.51	2.71
4	5.09	5.38	16	2.51	0
5	5.08	5.26	17	5.05	5.38
6	5.08	5.35	18	0.89	0.93
7	3.64	3.02	19	0	0.93
8	3.64	0.02	20	1.82	1.17
9	0	0	21	0	0
10	0.2	0	22	2.36	2.53
11	0	0			
12	0	0			

IC6 BU1923					
PN	FM	AM	PN	FM	AM
1	2.60	0	13	2.17	0
2	2.40	0	14	0	0
3	2.72	0	15	0	0
4	2.68	0	16	2.53	0
5	5.04	0			
6	0	0			
7	0	0			
8	2.70	0			
9	0.4	0			
10	0	0			
11	0	0			
12	5.04	0			

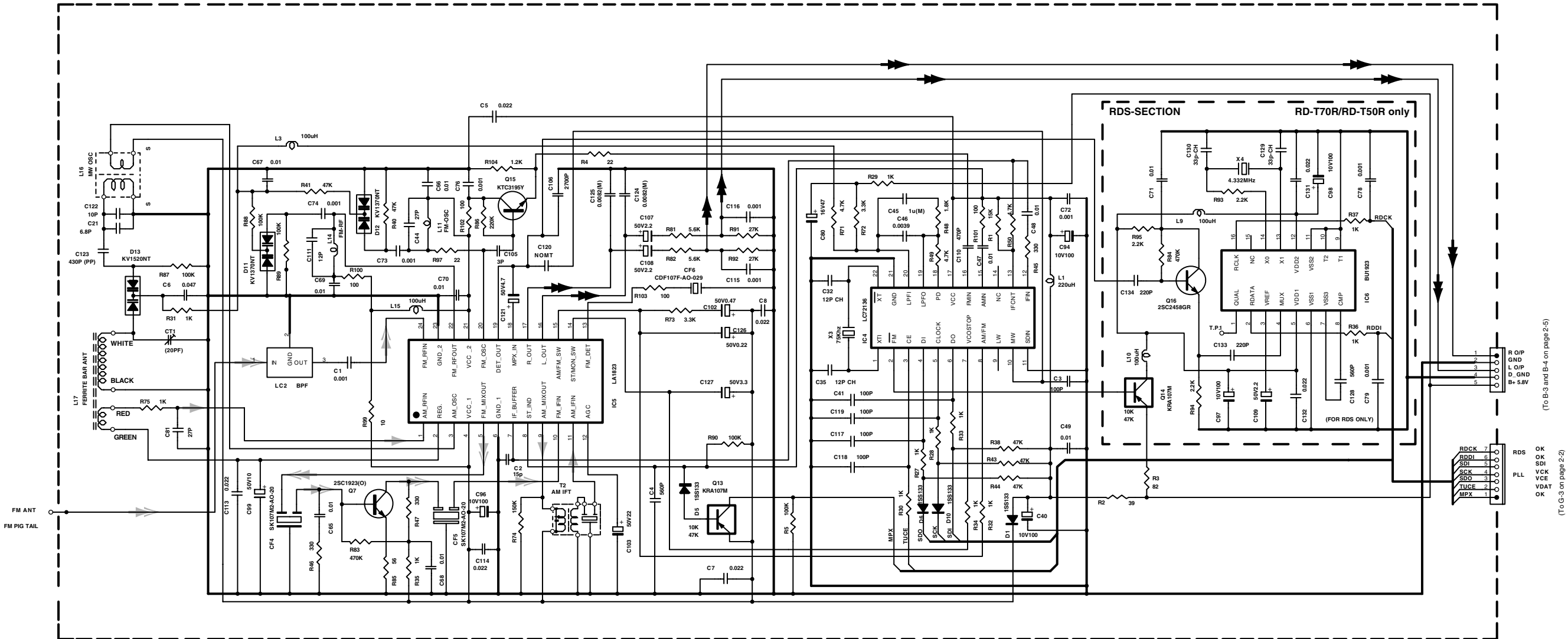
Q7 2SC1923(O)		
PN	FM	AM
E	0.03	0.03
C	3.55	3.82
B	0.73	0.74

Q15 KTC3195Y		
PN	FM	AM
E	1.40	1.55
C	4.10	4.51
B	2.10	2.26

Q13 KRA107M			
PN	FM MONO	FM STEREO	AM
E	4.34	4.34	4.68
C	0	4.10	0
B	4.32	0.8	4.66

Q16 2SC2458GR		
PN	FM	AM
E	1.30	0
C	3.66	0
B	2.0	0

Q14 KRA107M		
PN	FM	AM
E	5.21	5.86
C	5.14	0
B	0.02	5.80



A vertical axis with tick marks labeled 1, 2, 3, 4, and 5 from bottom to top.

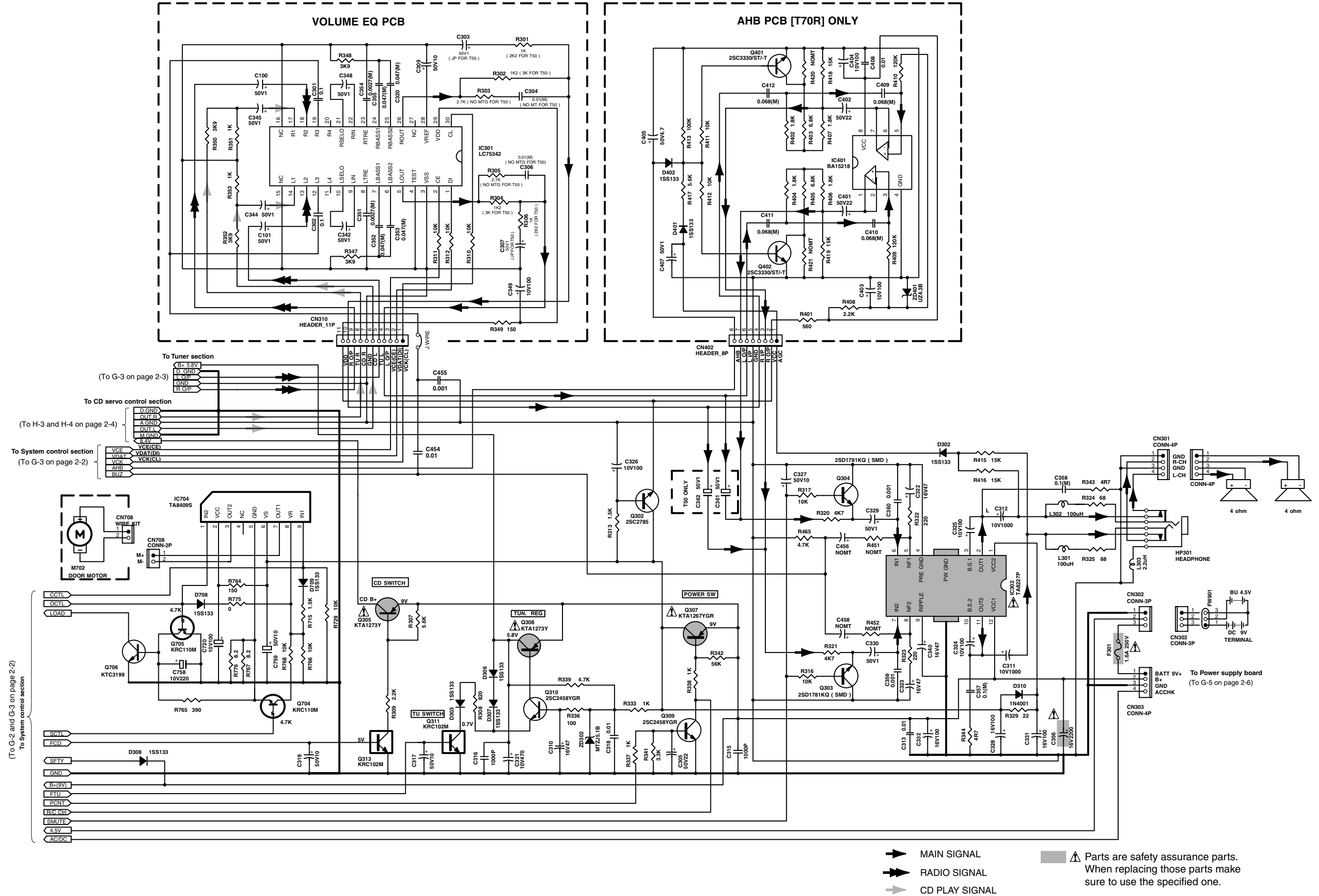


NOTES

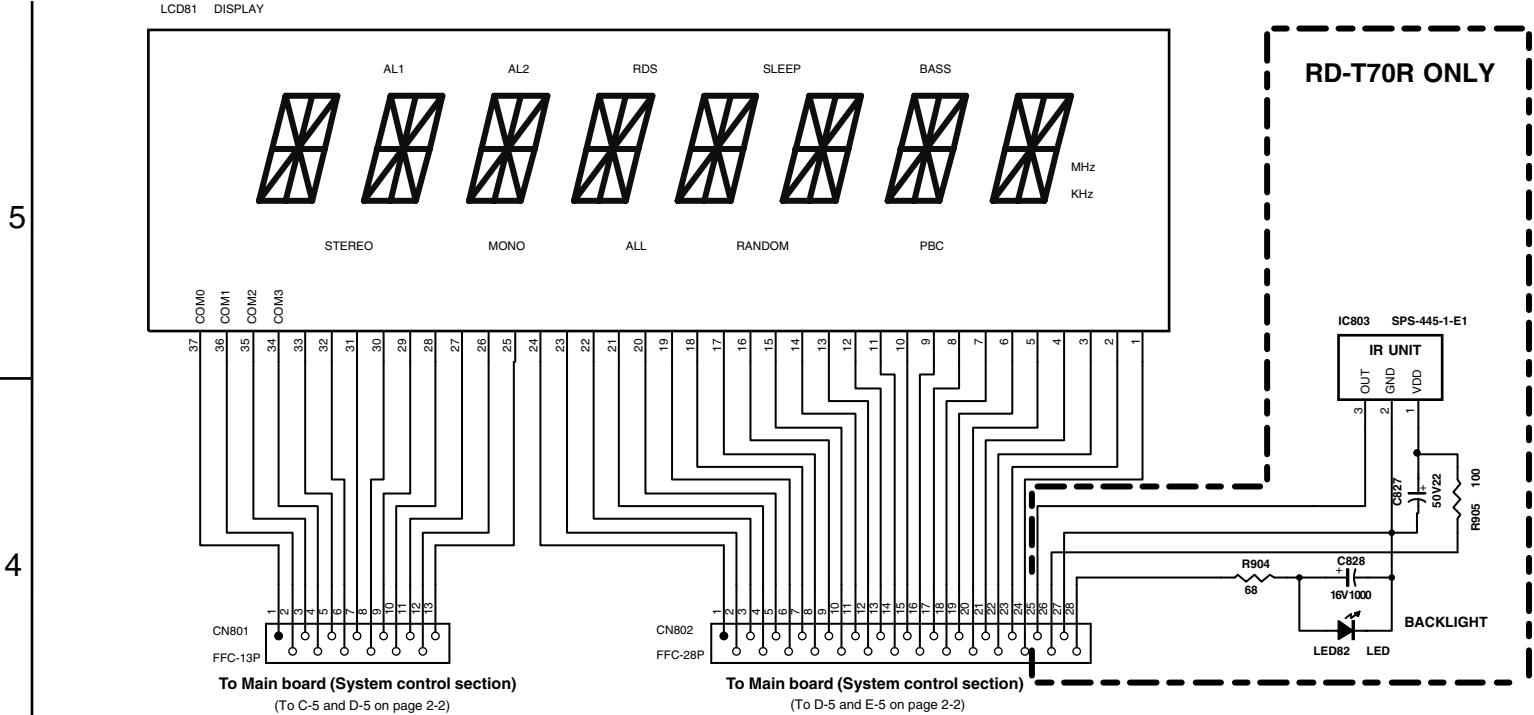
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITH PLAY MODE.
2. UNLESS OTHERWISE SPECIFIED, RESISTER ARE 1/16W +5% CARBON RESISTER.
ALL RESISTANCE VALUES ARE IN OHM.
ALL CAPACITANCE VALUE ARE IN UF(P=PF).
ALL E.CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (UF)/RATED VOLTAGE (V)

3. RESISTER END NO. R770 .

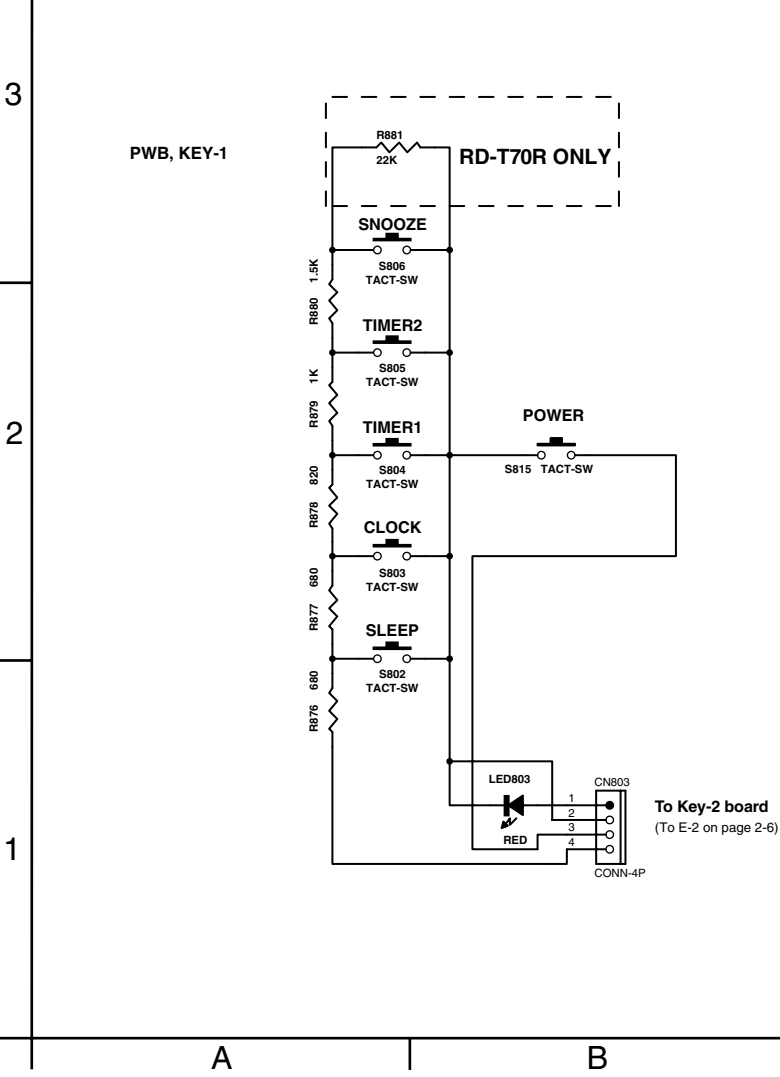
Main amplifier, volume and AHB section



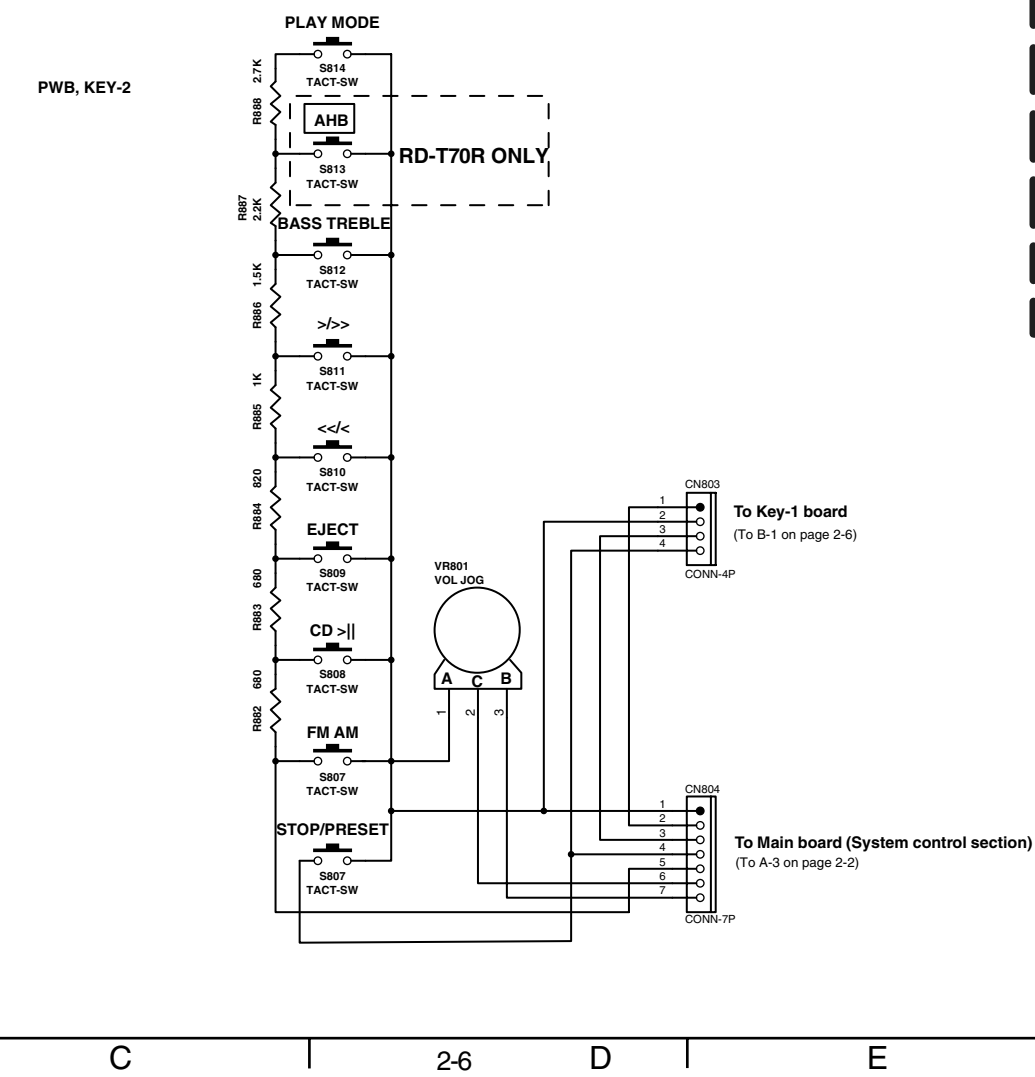
FL display section



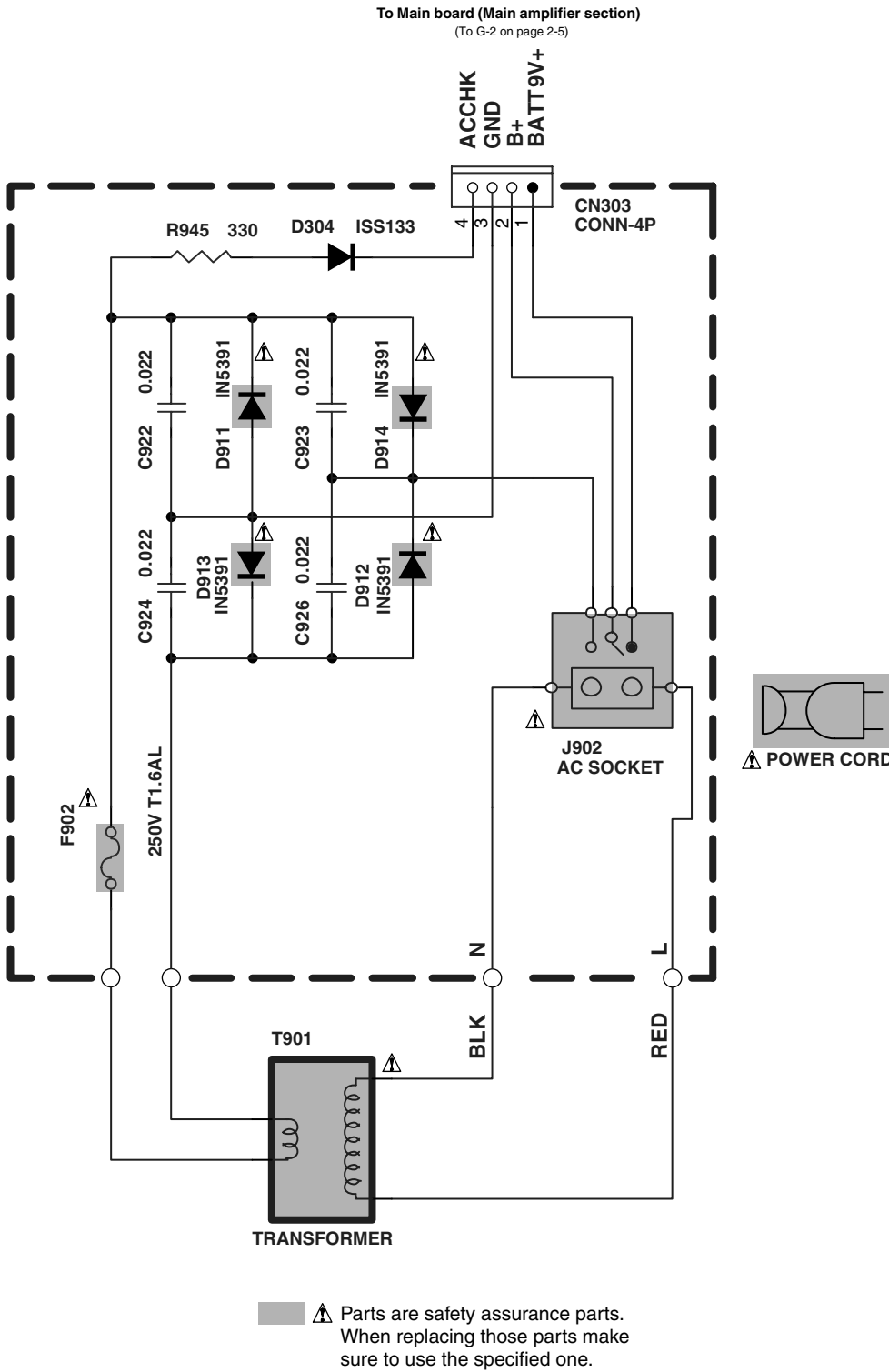
Key 1 section



Key 2 section



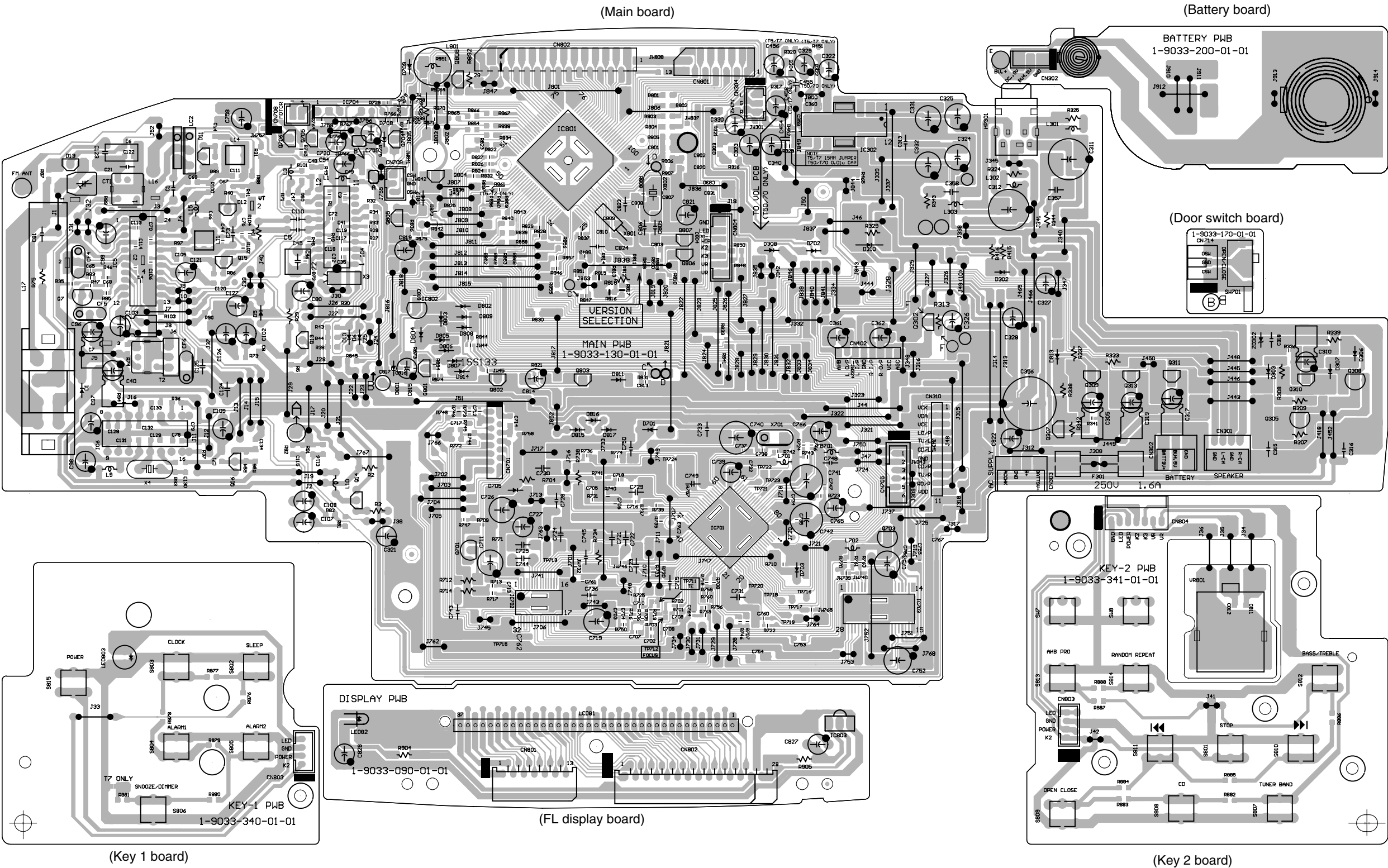
Power supply section



Printed circuit boards

■ Main board

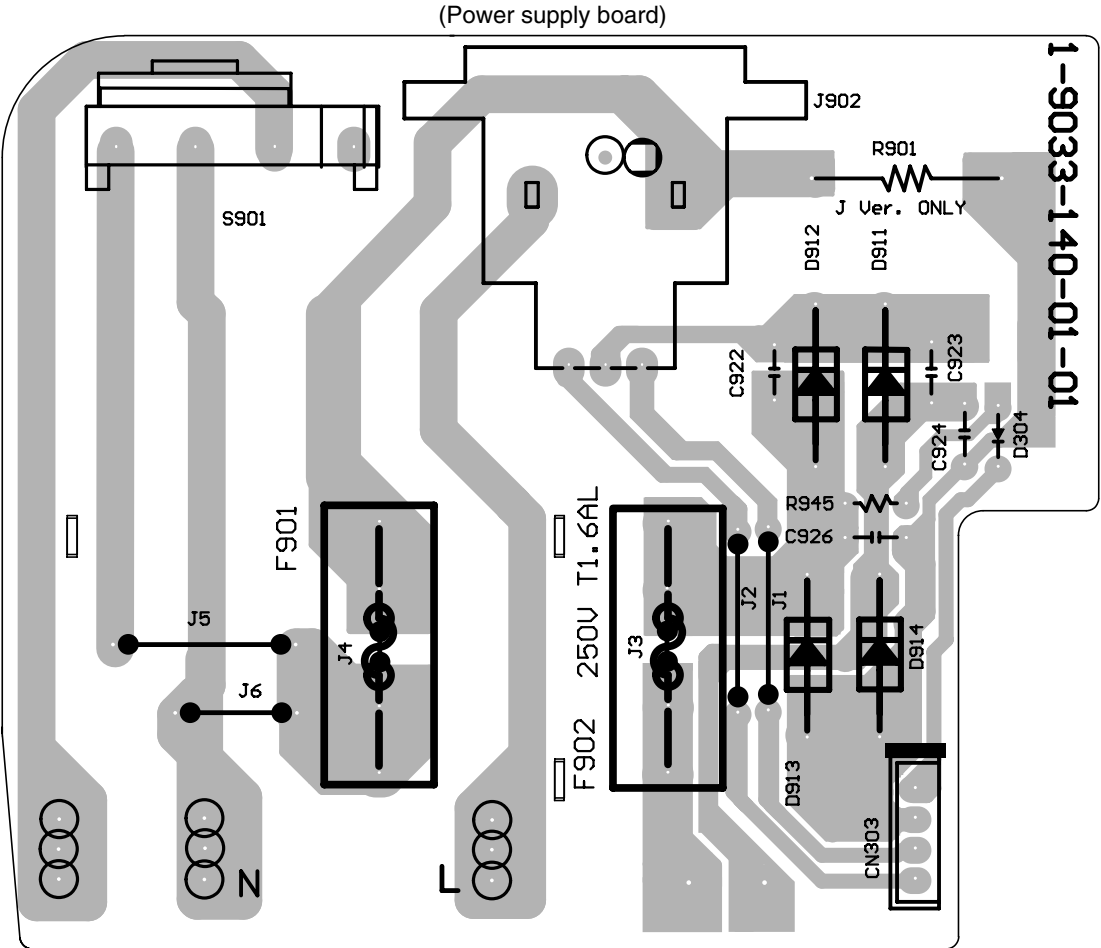
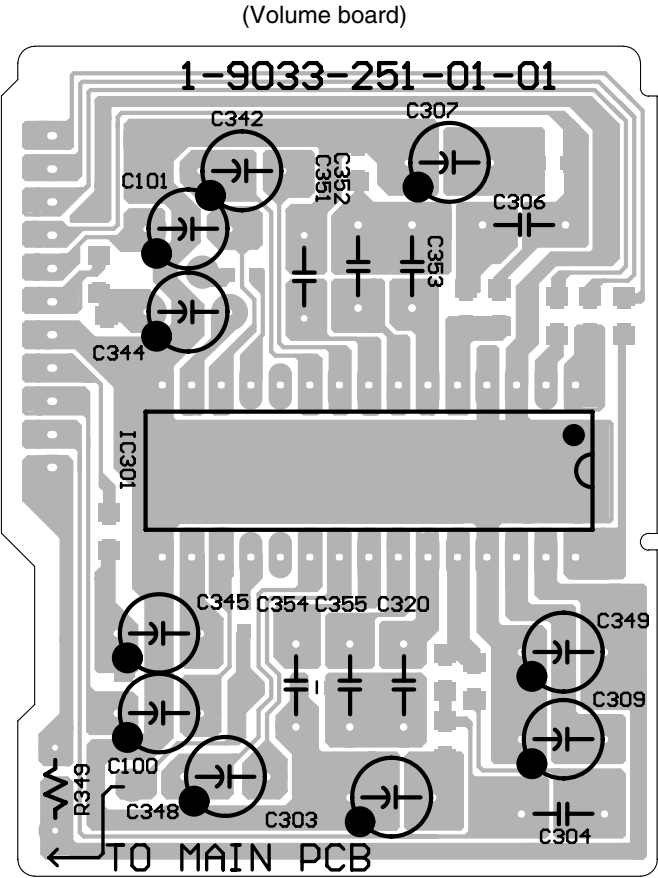
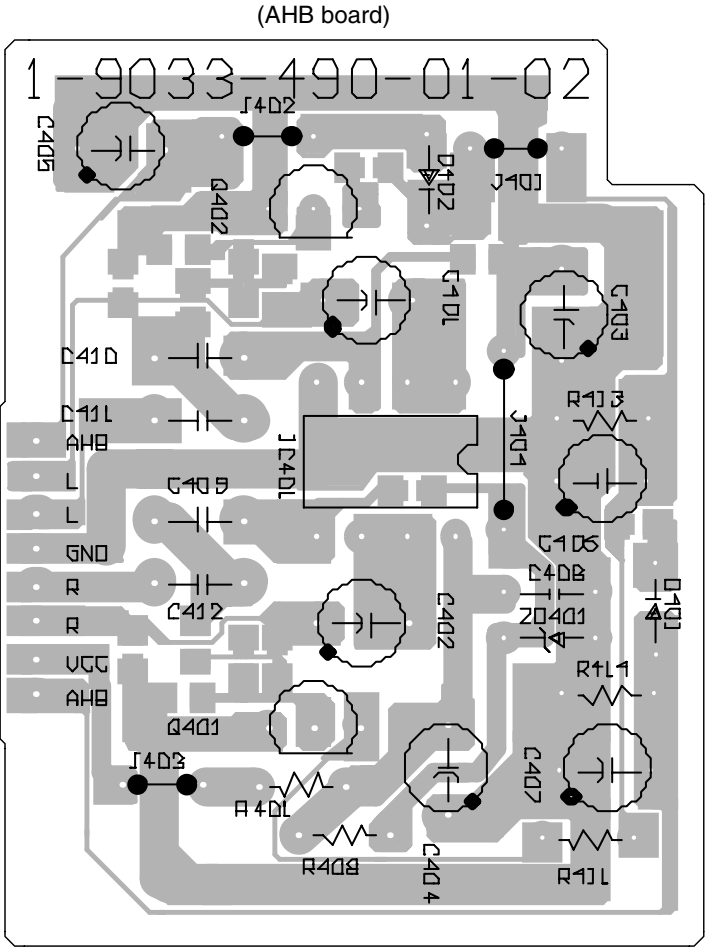
Note : This is a printed circuit board on a silk screen print.
This method enables the patterns of both surfaces of the printed circuit board to be shown because of the transparency of the silk screen print.



■ AHB, volume and power supply board

Note : This is a printed circuit board on a silk screen print.
This method enables the patterns of both surfaces of the printed circuit board to be shown because of the transparency of the silk screen print.

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A B C D E F G H

< M E M O >



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