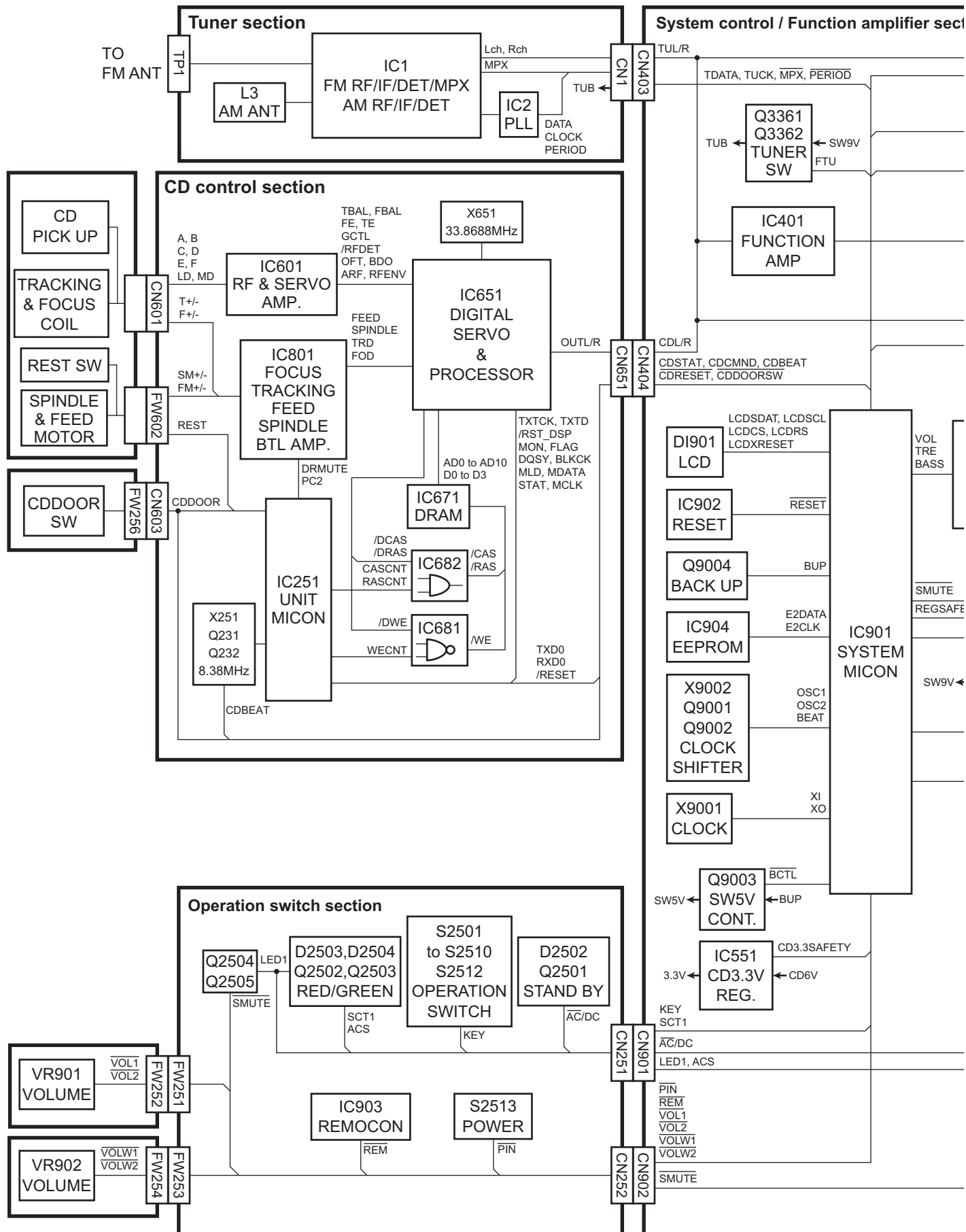
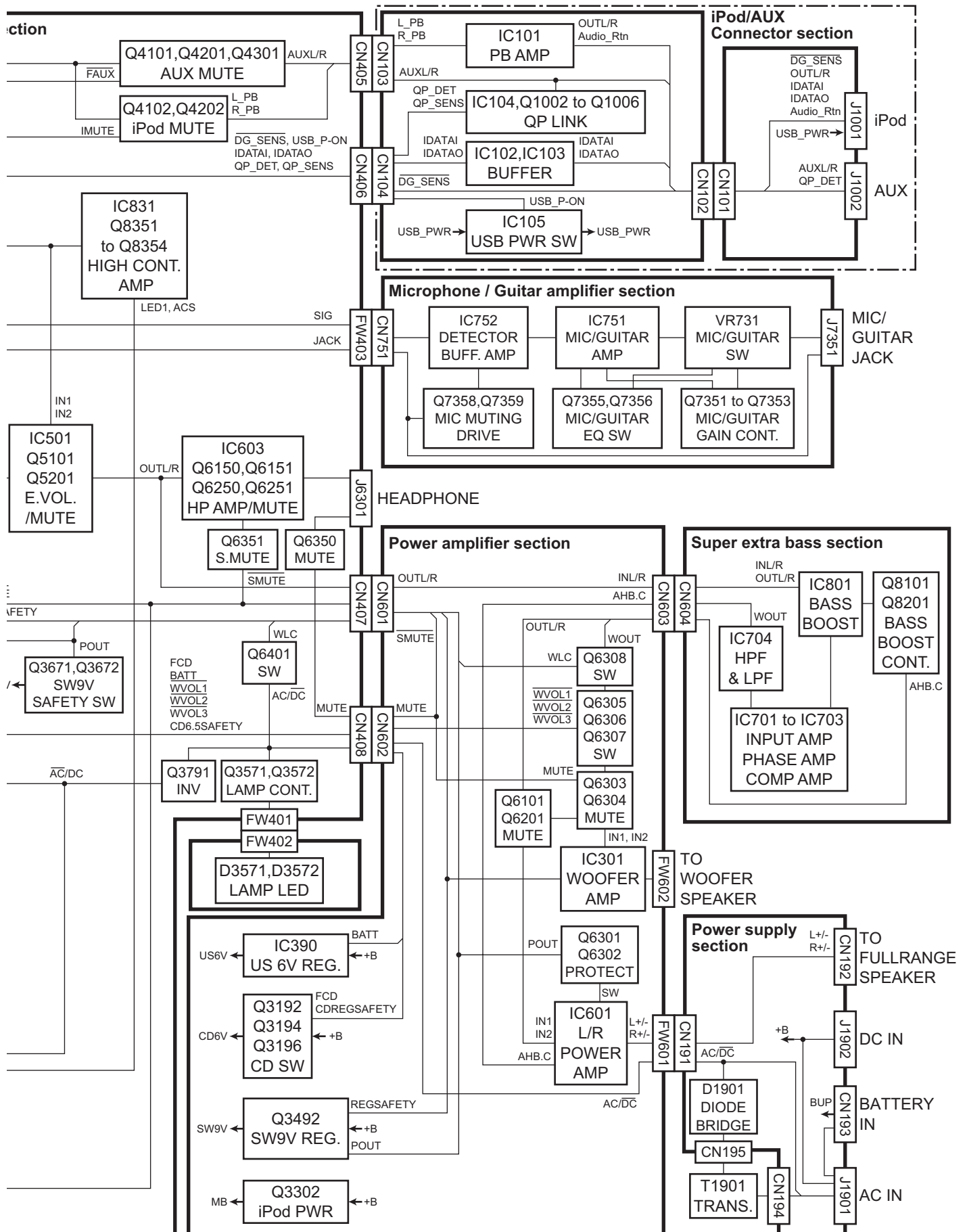


Block diagram





■ Primary & Power amplifier section

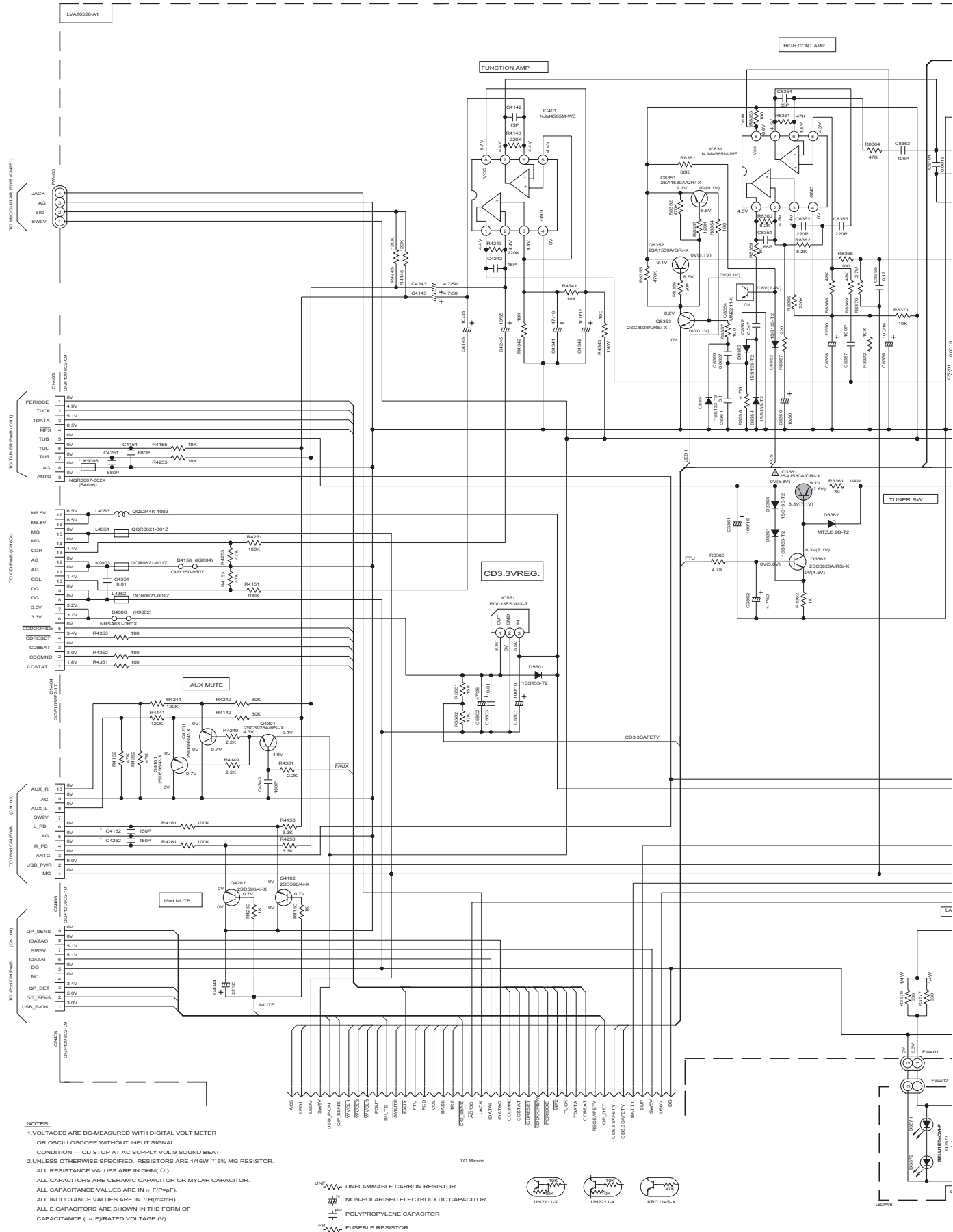
	J/C	B/E/EN/EV
T1901	QOT0508-002	QOT0508-001
T1902	QNC0004-001	QNC0003-001
F1901	QMF51U2-1R25-J8	QMF51U2-RE3-J8
F1902	QMF51U1-6R0-J8	QMF2031-6R0-J1
F1903	QMF51U1-6R3-J8	QMF51U2-6R3-J8
F1904	QMF51U1-6R3-J8	QMF51U2-6R3-J8
LF191	X	O
B2322	O	X
B2323	O	X
C6108	X	O
C6208	X	O
C6105	X	O
C6205	X	O
C6304	X	O



LVA10718-A1

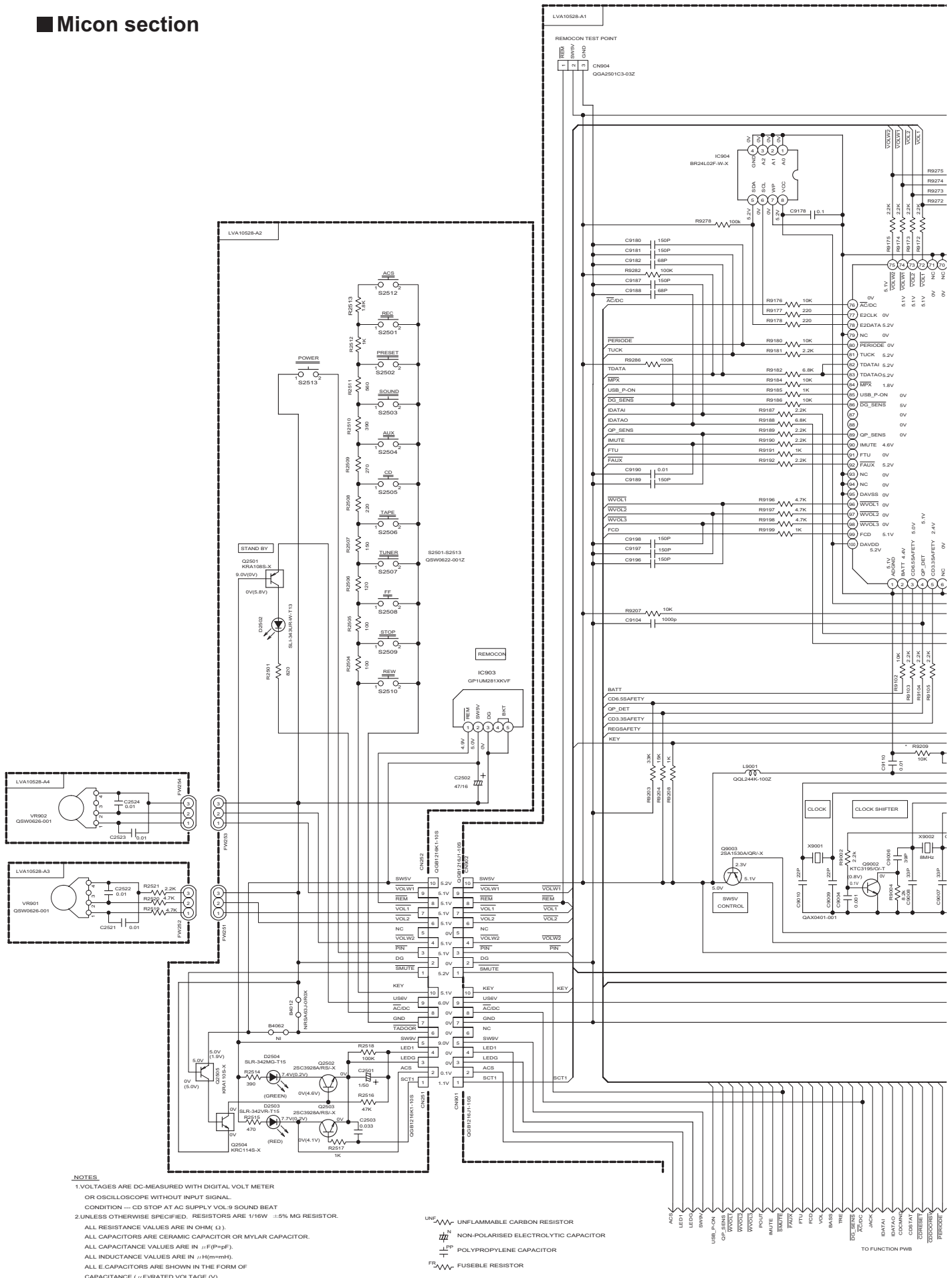
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER
OR OSCILLOSCOPE WITHOUT INPUT SIGNAL.
CONDITION --- CD STOP MODE
2. UNLESS OTHERWISE SPECIFIED RESISTORS ARE 1/16W $\pm 5\%$ MG RE
ALL RESISTANCE VALUES ARE IN OHM(Ω).
ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR
ALL CAPACITANCE VALUES ARE IN $\mu F(P \pm P)$.

■ Amplifier section



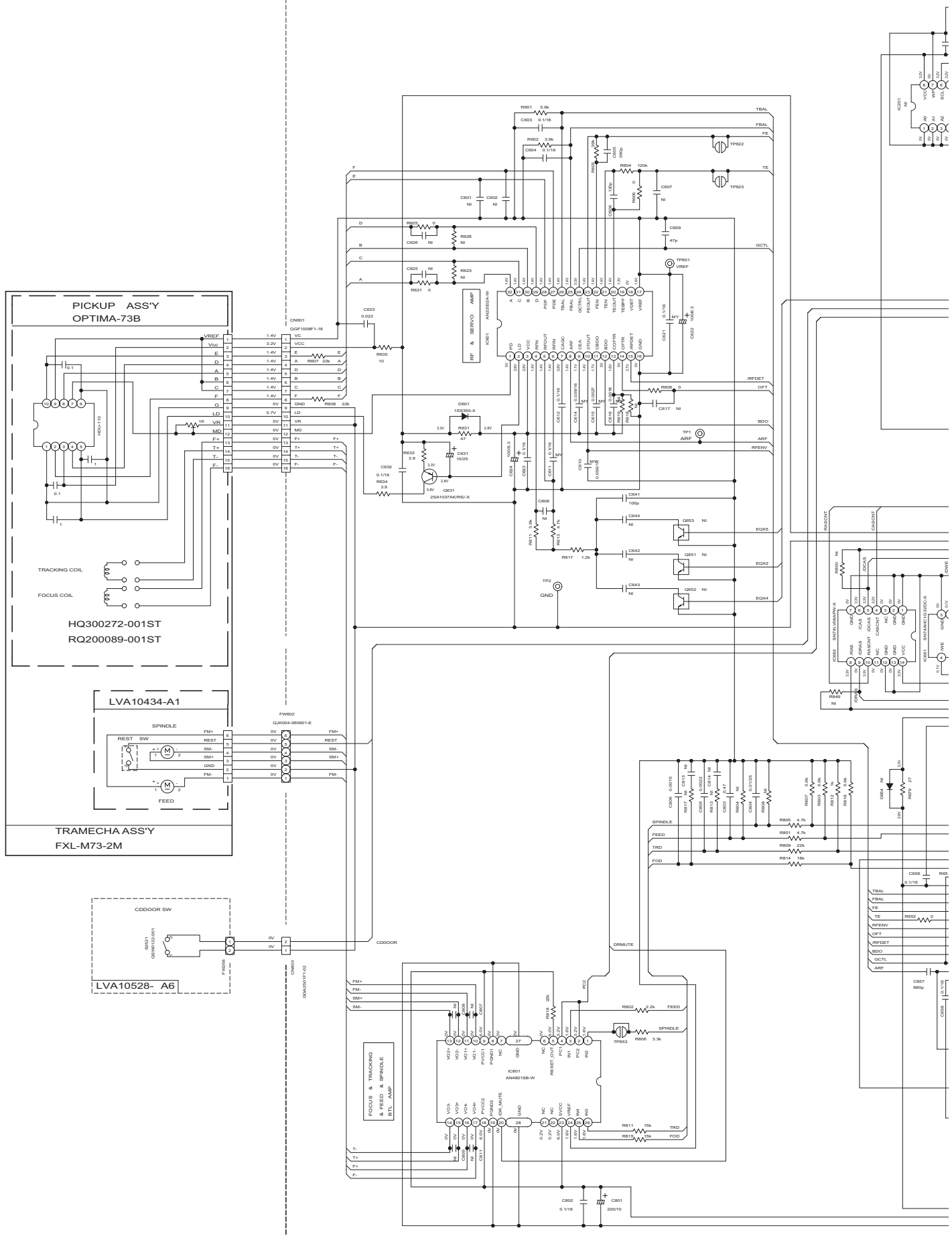


Micon section



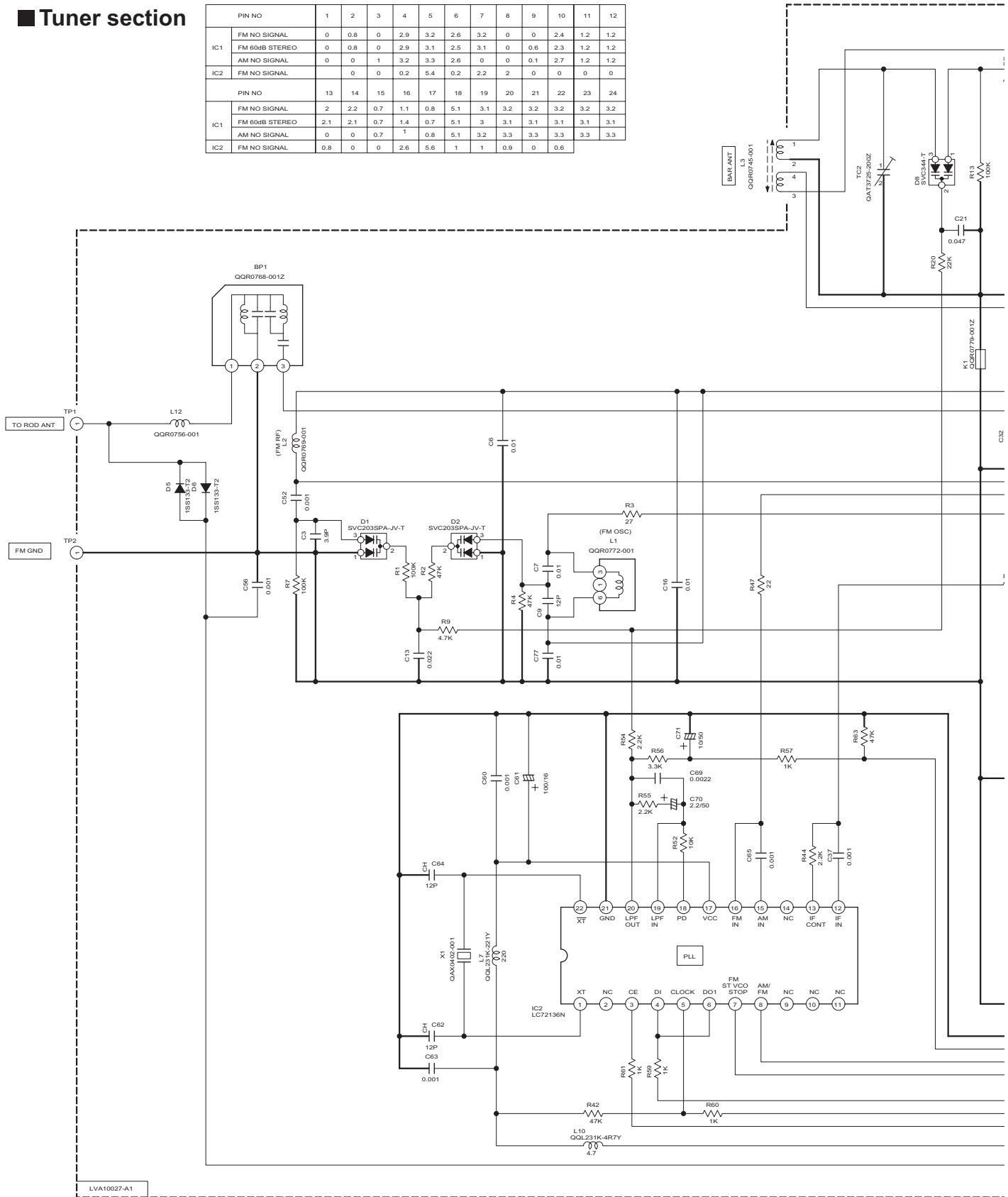


CD section



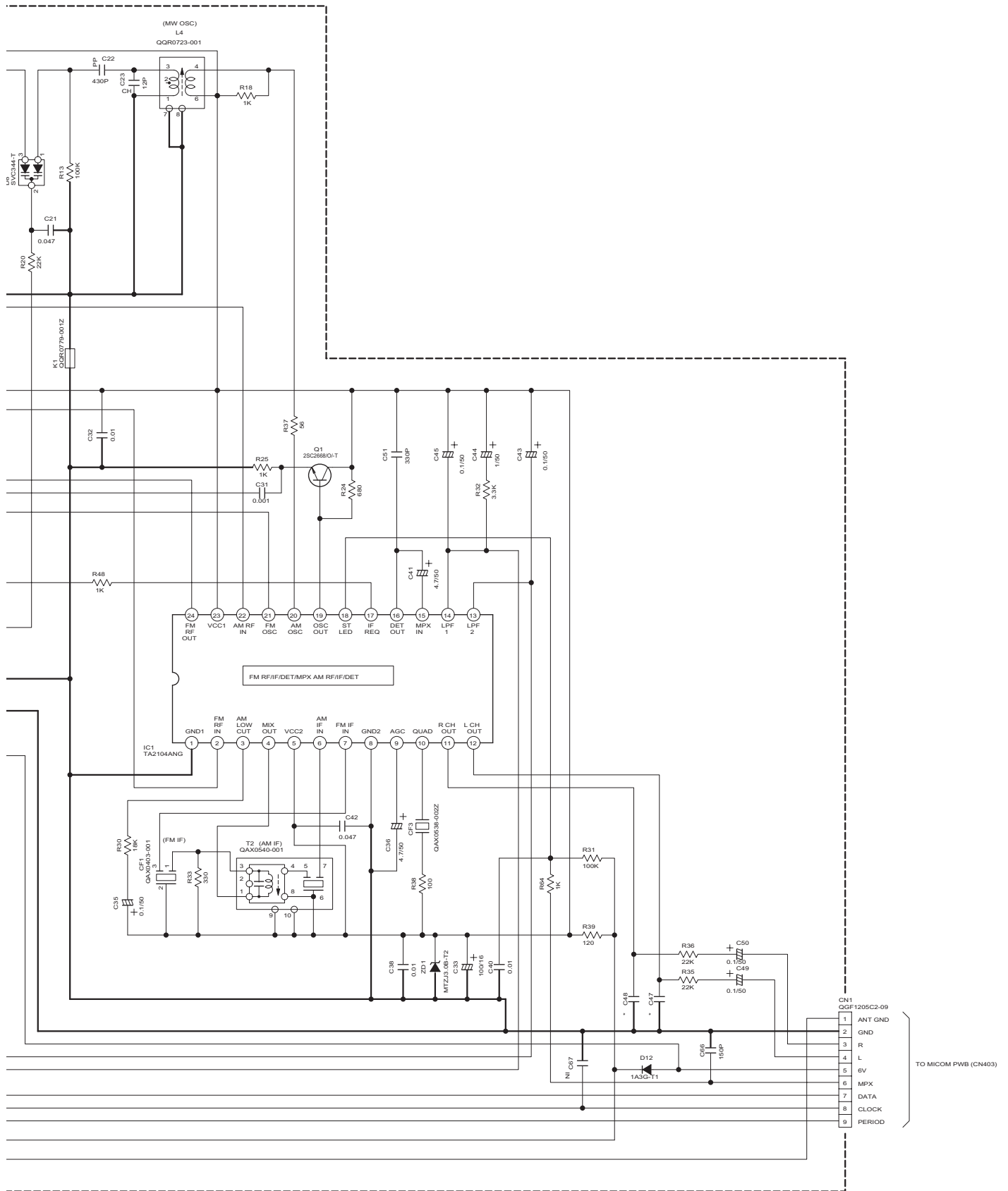
Tuner section

PIN NO		1	2	3	4	5	6	7	8	9	10	11	12
IC1	FM NO SIGNAL	0	0.8	0	2.9	3.2	2.6	3.2	0	0	2.4	1.2	1.2
	FM 60dB STEREO	0	0.8	0	2.9	3.1	2.5	3.1	0	0.6	2.3	1.2	1.2
	AM NO SIGNAL	0	0	1	3.2	3.3	2.6	0	0	0.1	2.7	1.2	1.2
IC2	FM NO SIGNAL		0	0	0.2	5.4	0.2	2.2	2	0	0	0	0
PIN NO		13	14	15	16	17	18	19	20	21	22	23	24
IC1	FM NO SIGNAL	2	2.2	0.7	1.1	0.8	5.1	3.1	3.2	3.2	3.2	3.2	3.2
	FM 60dB STEREO	2.1	2.1	0.7	1.4	0.7	5.1	3	3.1	3.1	3.1	3.1	3.1
	AM NO SIGNAL	0	0	0.7	1	0.8	5.1	3.2	3.3	3.3	3.3	3.3	3.3
IC2	FM NO SIGNAL	0.8	0	0	2.6	5.6	1	1	0.9	0	0.6		



NOTES

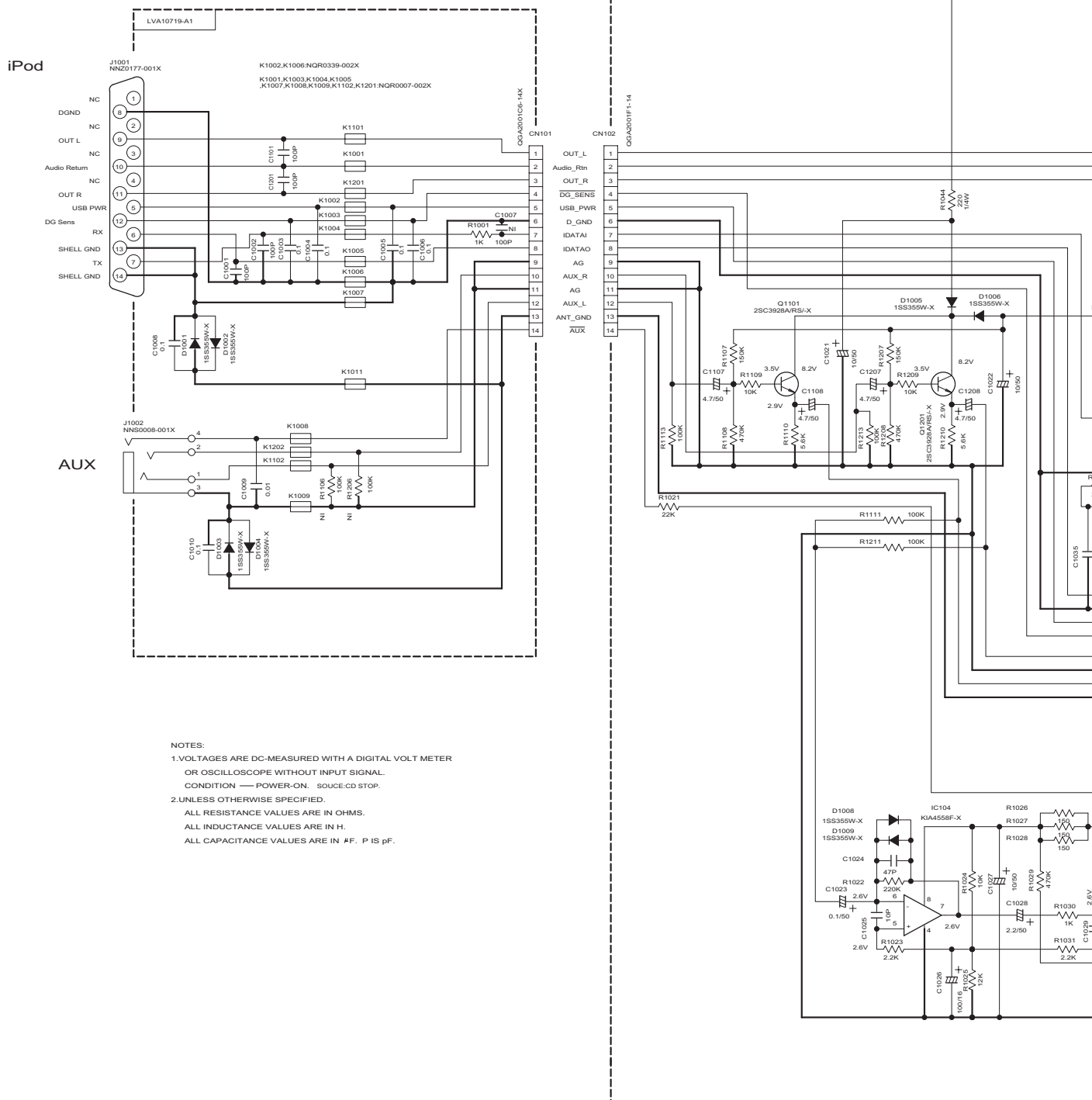
- VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER
- ALL RESISTORS ARE 1/4W $\pm 5\%$ CARBON RESISTOR.
ALL RESISTANCE VALUES ARE IN OHM (Ω).
ALL CAPACITANCE VALUES ARE IN μ F (P=pF).
ALL INDUCTANCE VALUES ARE IN μ H (m=mH).
ALL E.CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μ F)/RATED VOLTAGE (V).

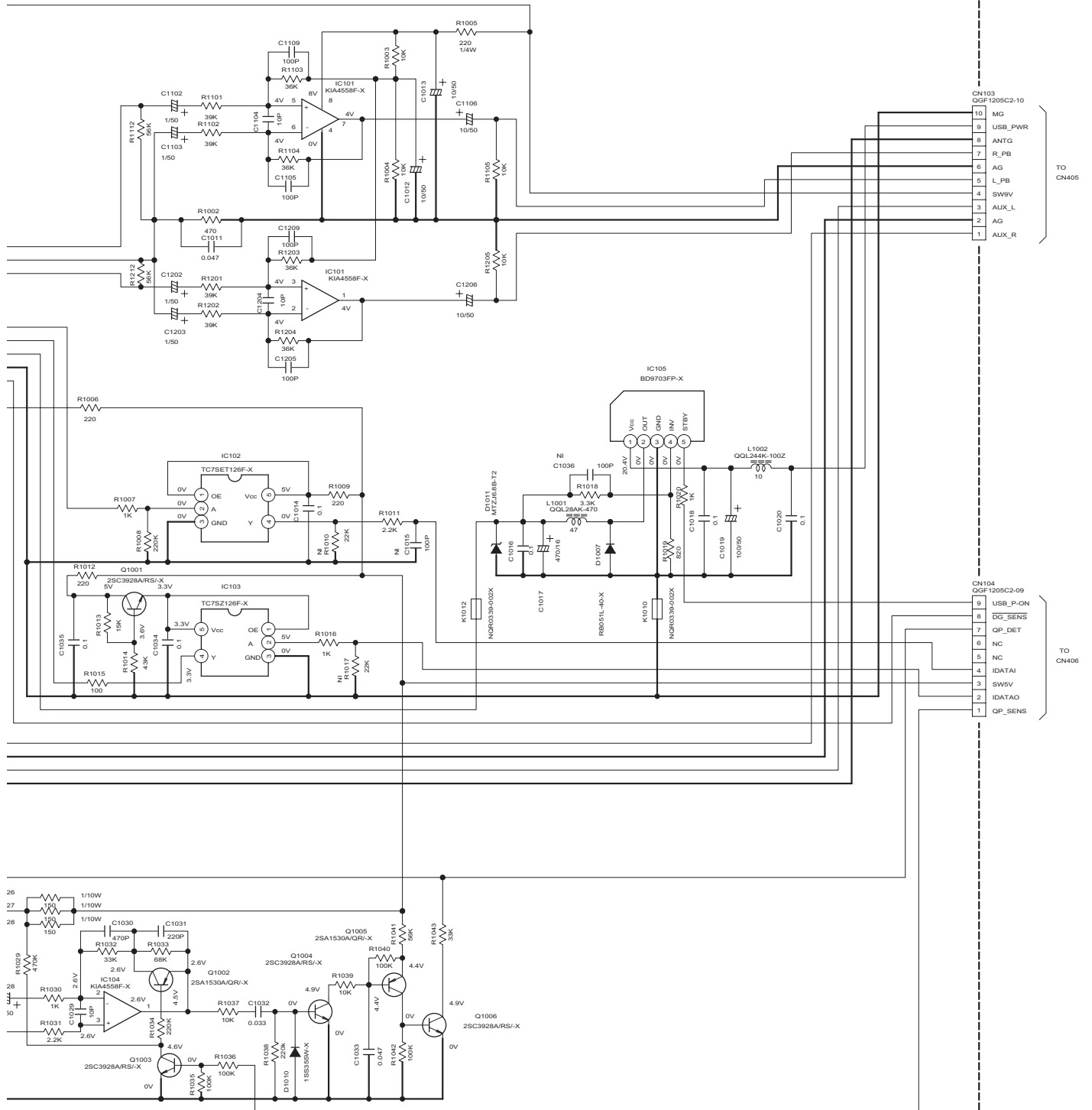


*MARK (C47,C48)

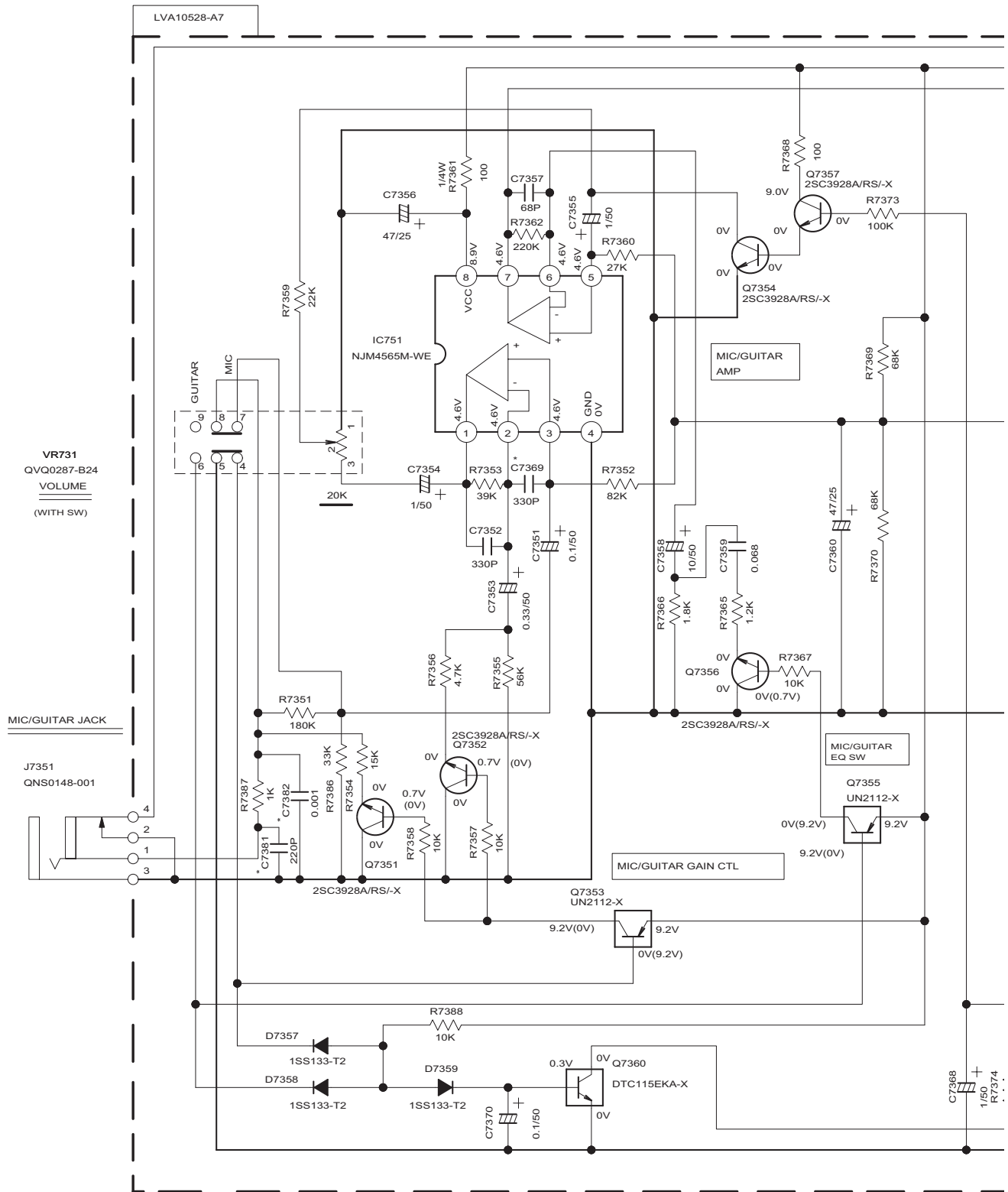
J/C	0.012
B/E/EN/EV	0.0082

■ iPod connection section





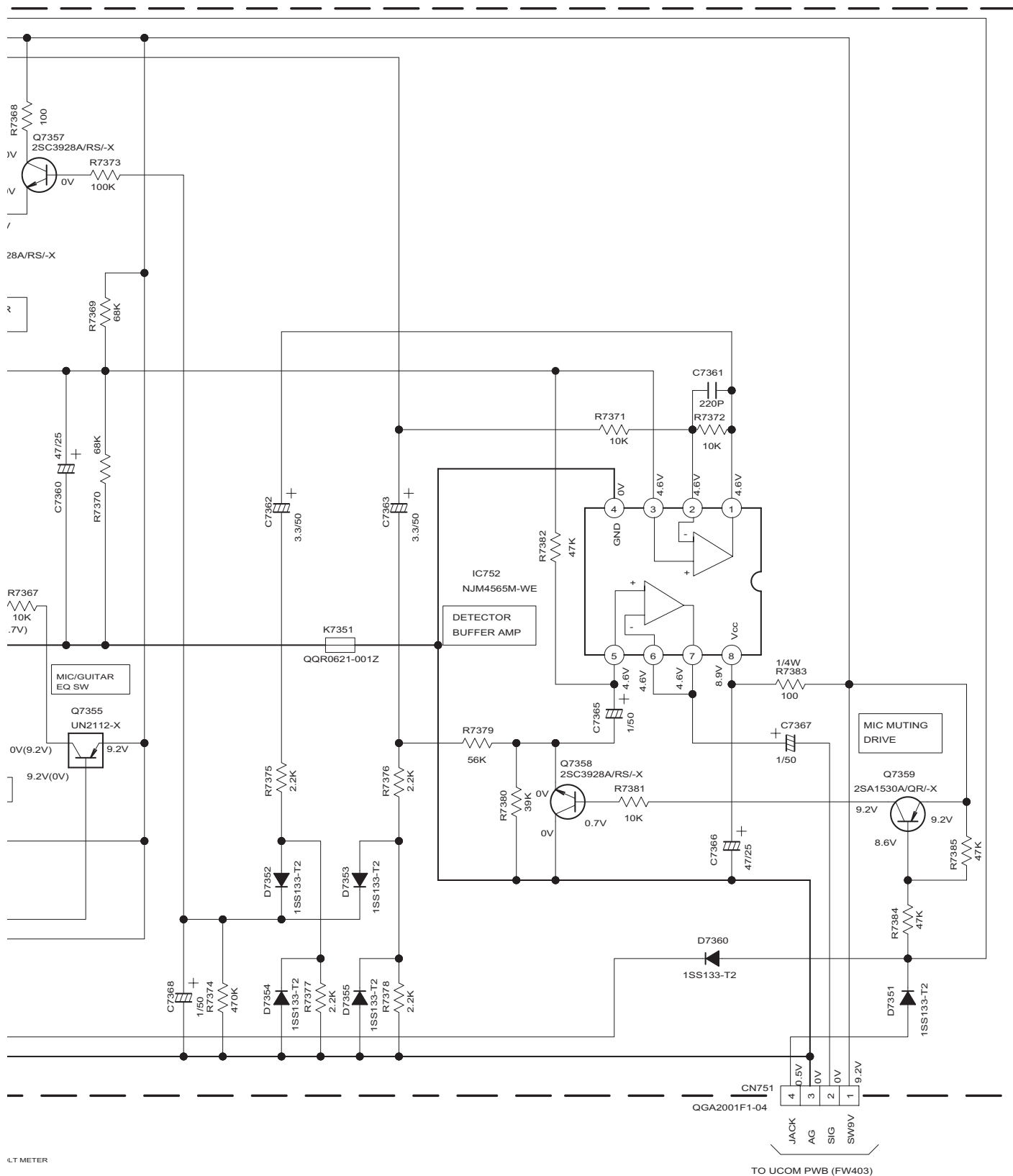
■ Guitar & Mic section



* MARK B/E/EN/EV ONLY

NOTES

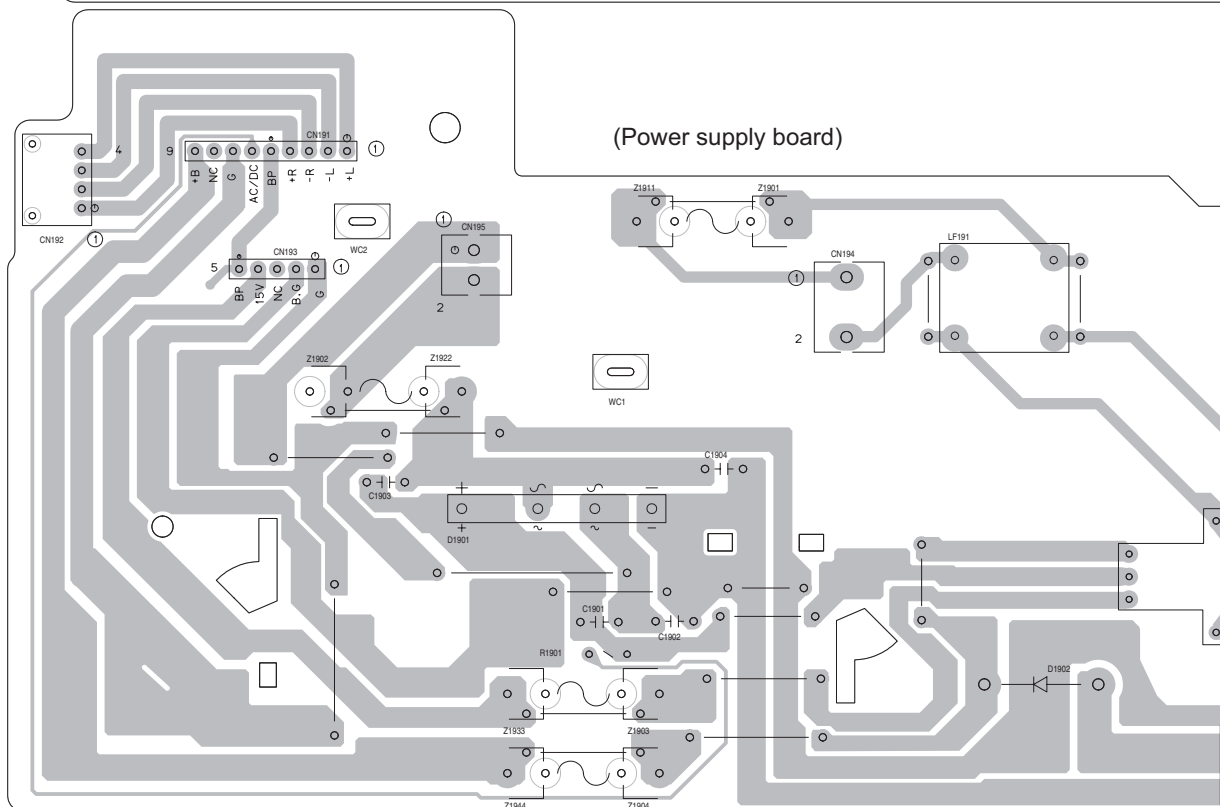
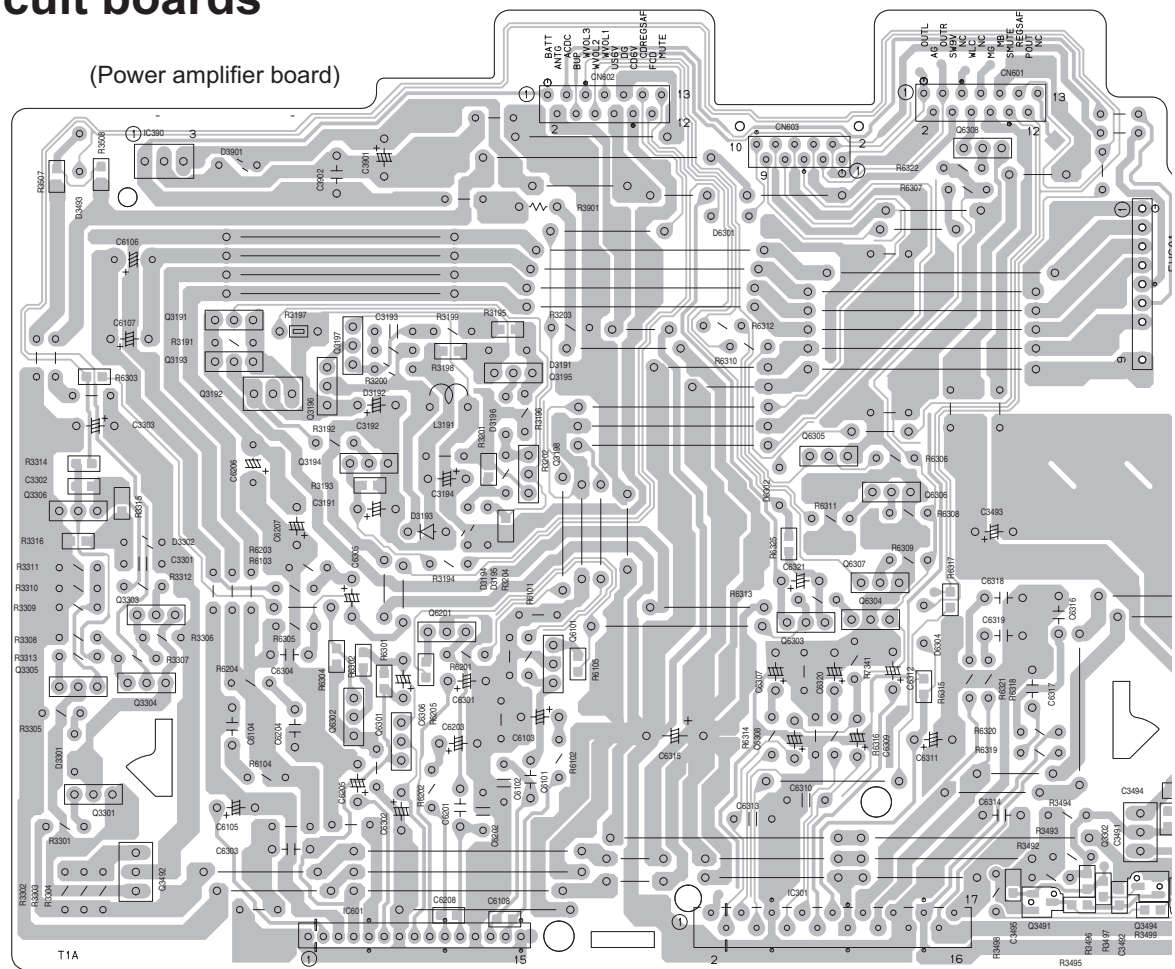
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER
OR OSCILLOSCOPE WITHOUT INPUT SIGNAL.
CONDITION --- CD STOP AT AC SUPPLY
(I) IS GUITAR POSITION AND NORMAL IS MIC POSITION
2. UNLESS OTHERWISE SPECIFIED RESISTORS ARE 1/16W $\pm$ 5% MG RESISTOR
ALL RESISTANCE VALUES ARE IN OHM (Ω).
ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR.
ALL CAPACITANCE VALUES ARE IN μ F (P=PPF).
ALL INDUCTANCE VALUES ARE IN μ H (m=MMH).
ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μ F)/RATED VOLTAGE (V).

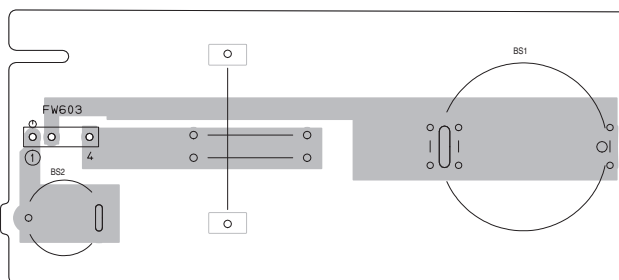
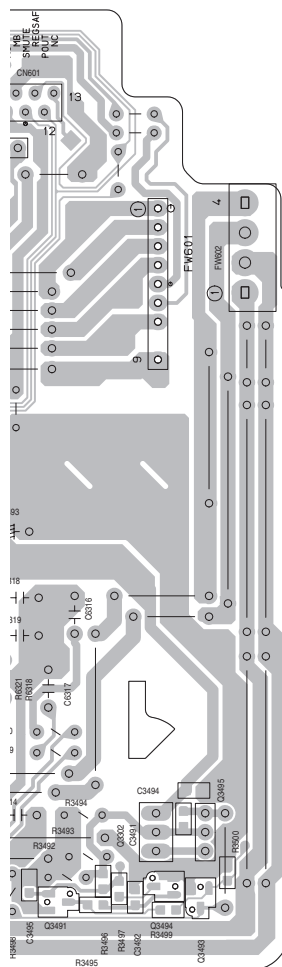


PARTS NAME	UN2112-X	DTC115EK
CONSTRUCTION		

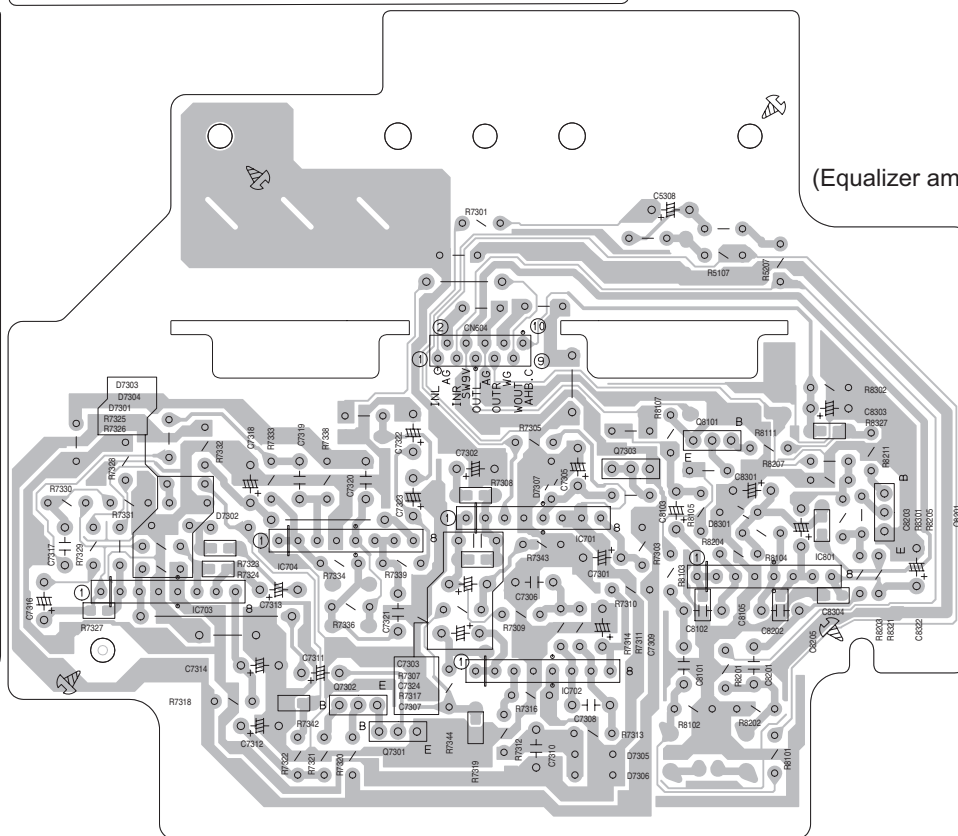
Printed circuit boards

■ Main board

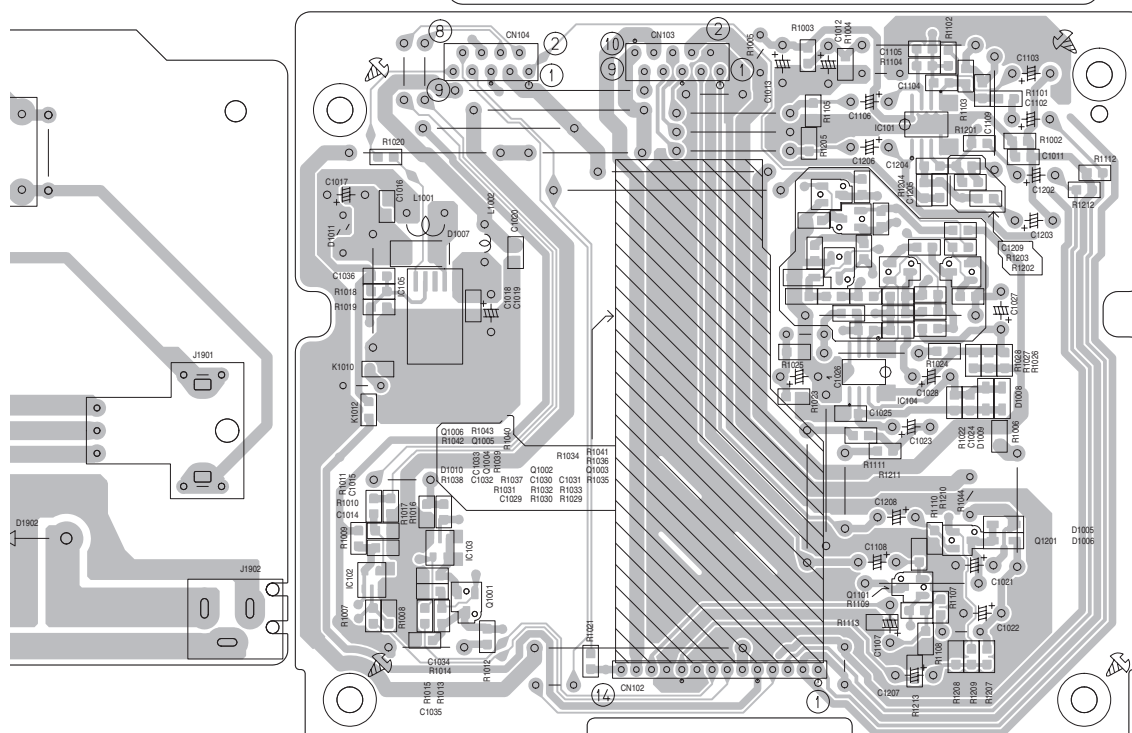




(Battery contact board)



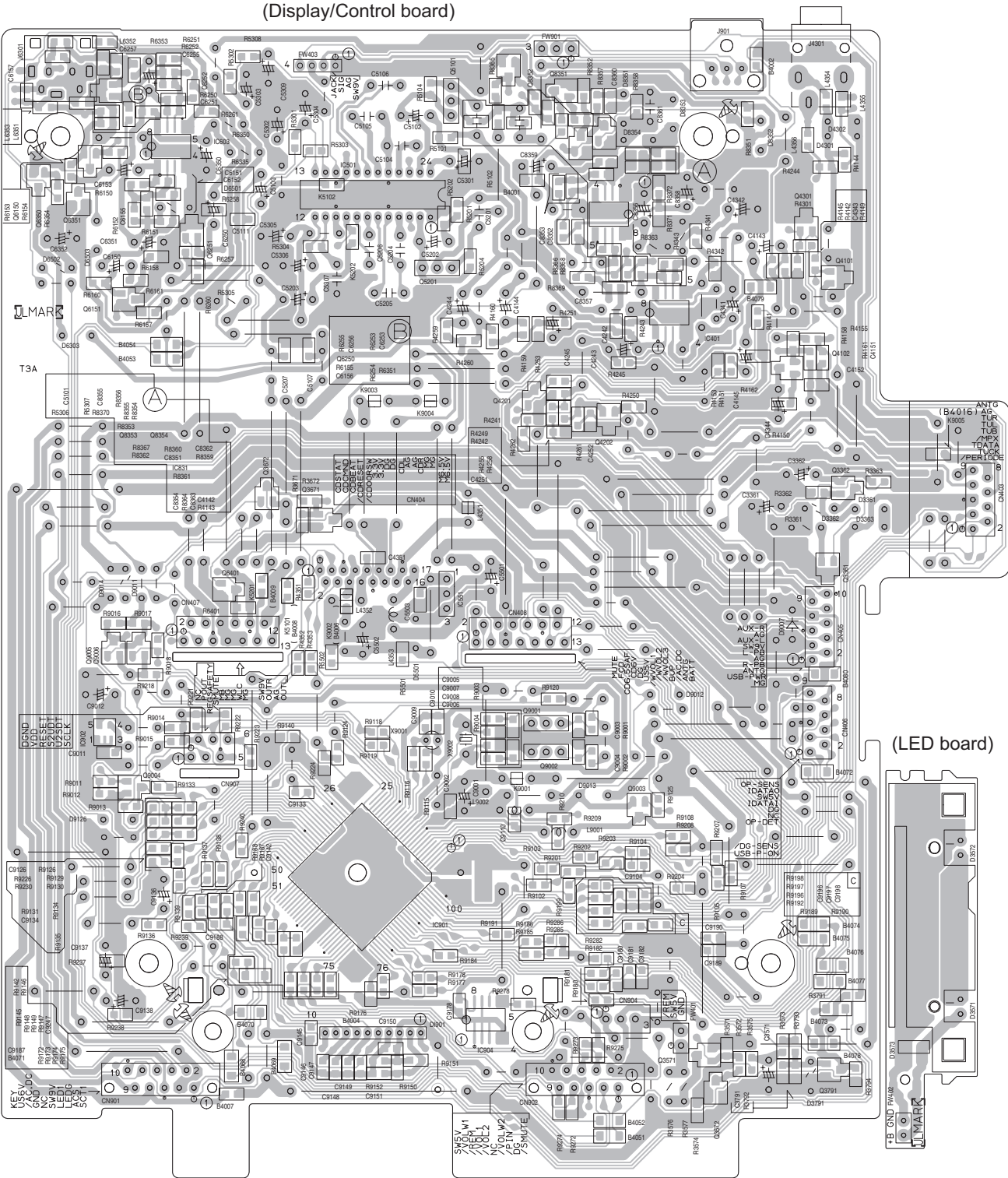
(Equalizer amplifier board)



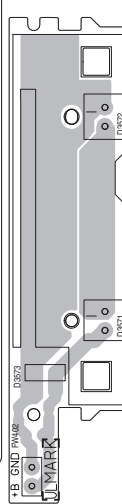
(iPod connector board)

■ Micon board

(Display/Control board)

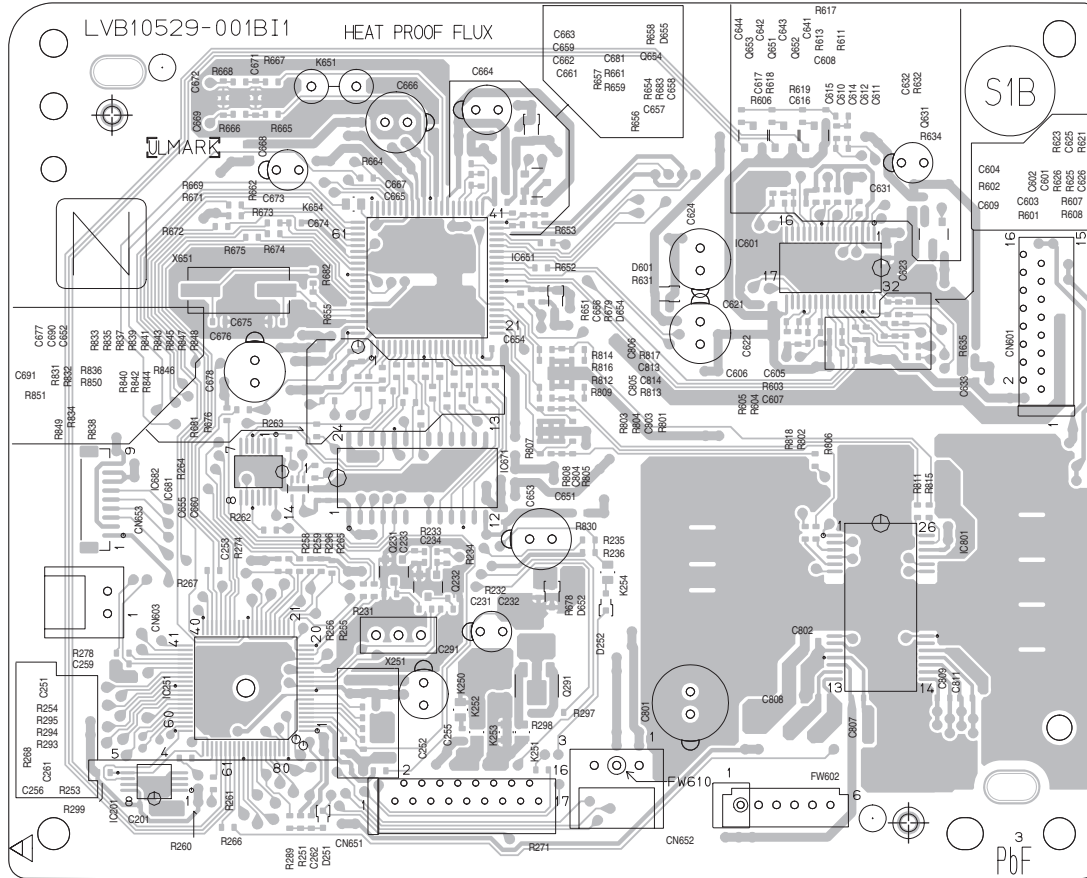


(LED board)

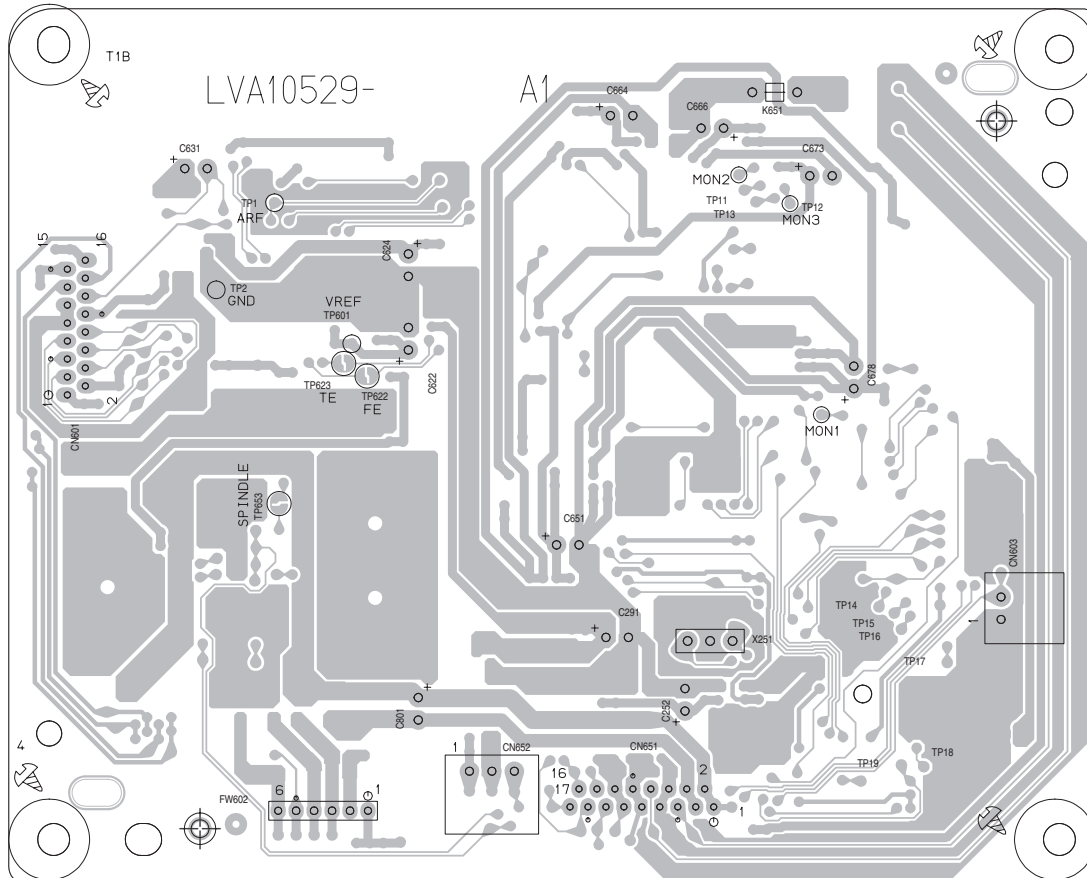


■ **CD servo board** Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

forward side

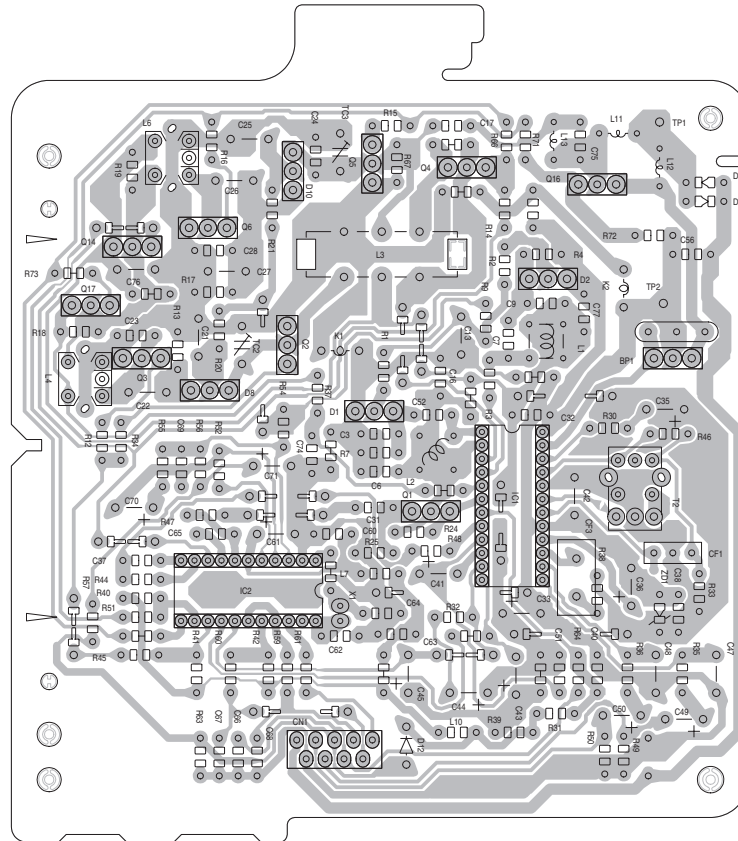


reverse side



■ Tuner board

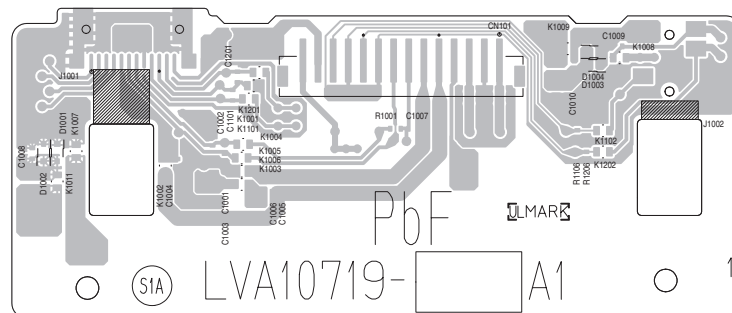
Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)



■ iPod jack board

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

forward side



reverse side

