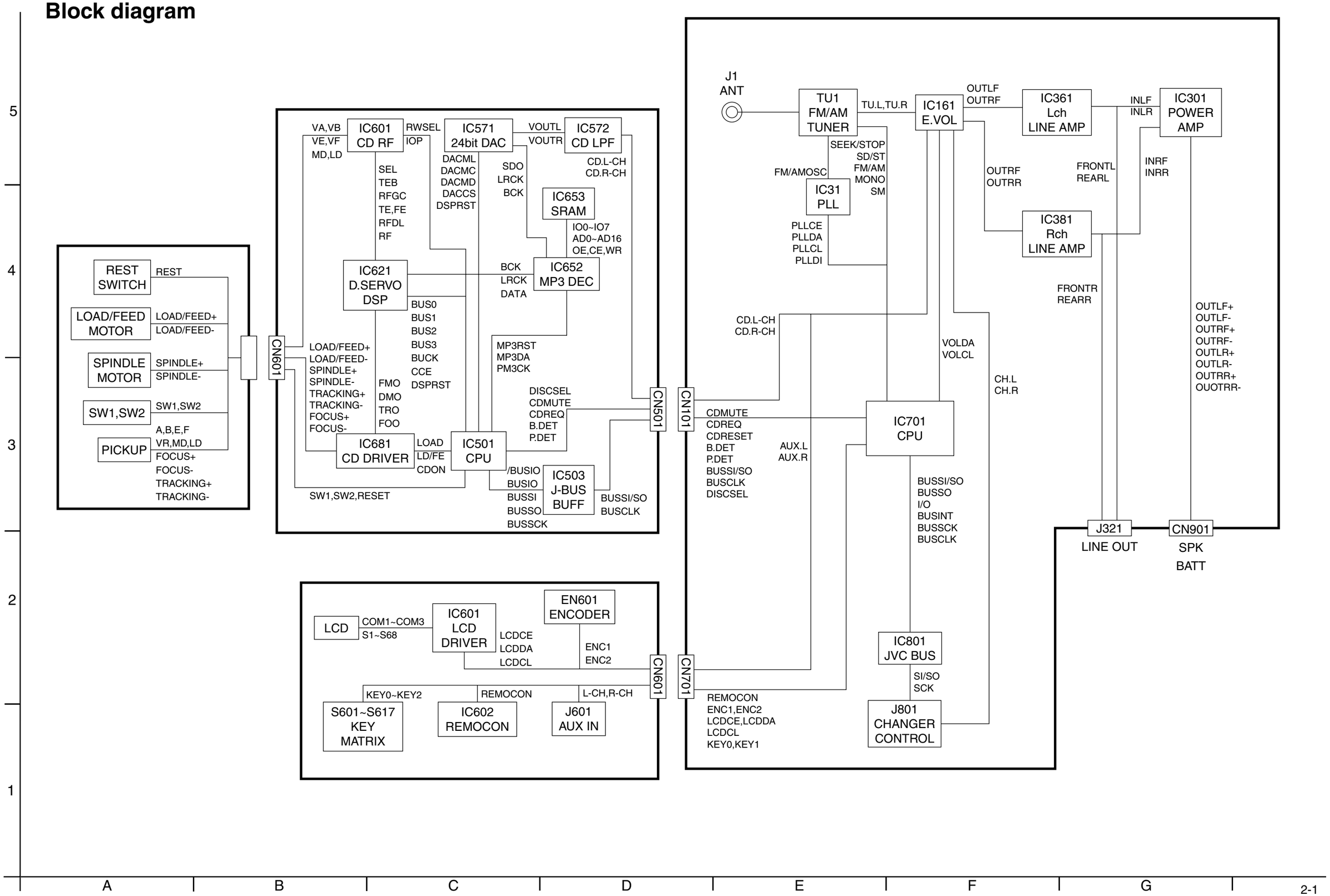
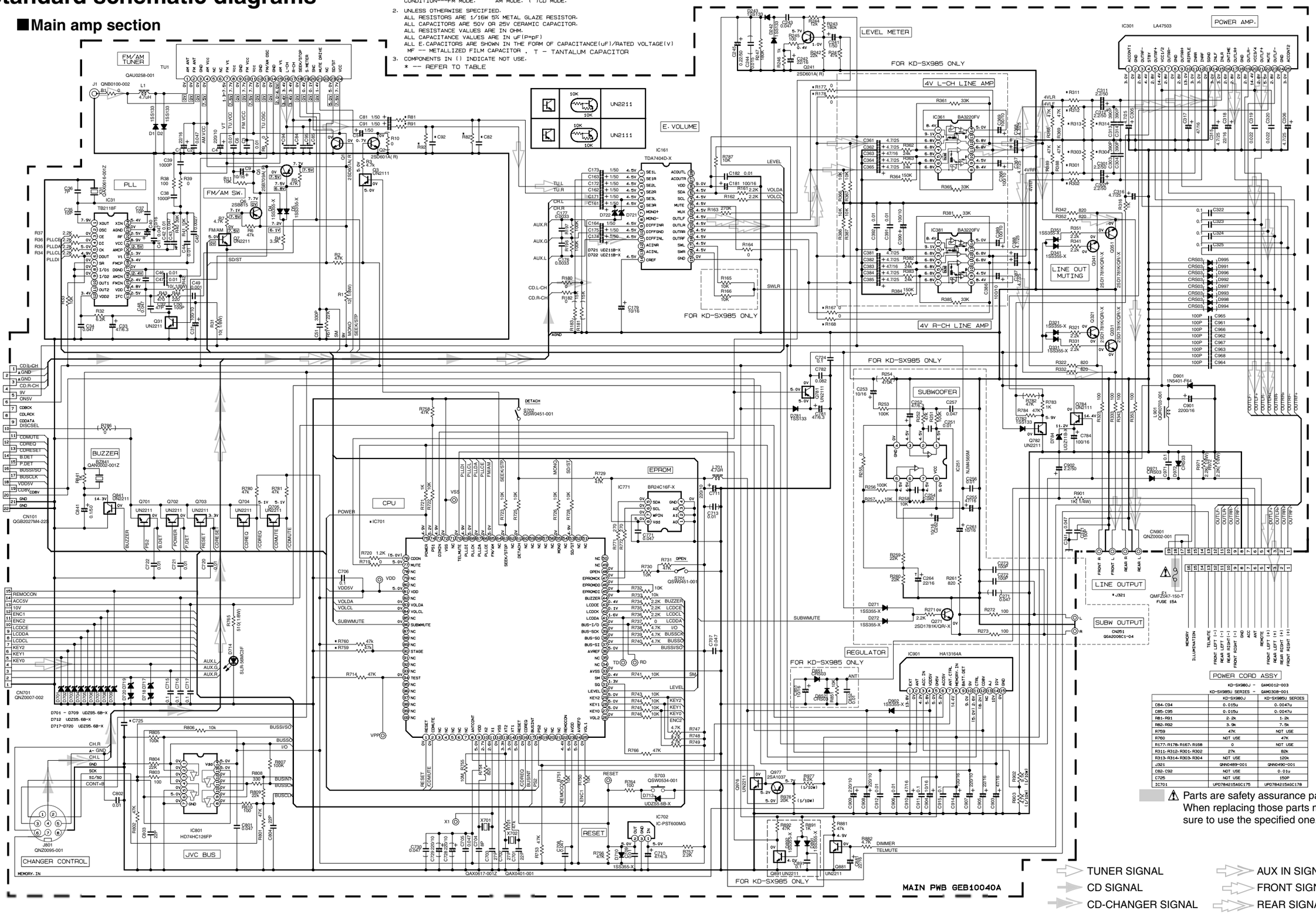
Block diagram



Standard schematic diagrams

■Main amp section

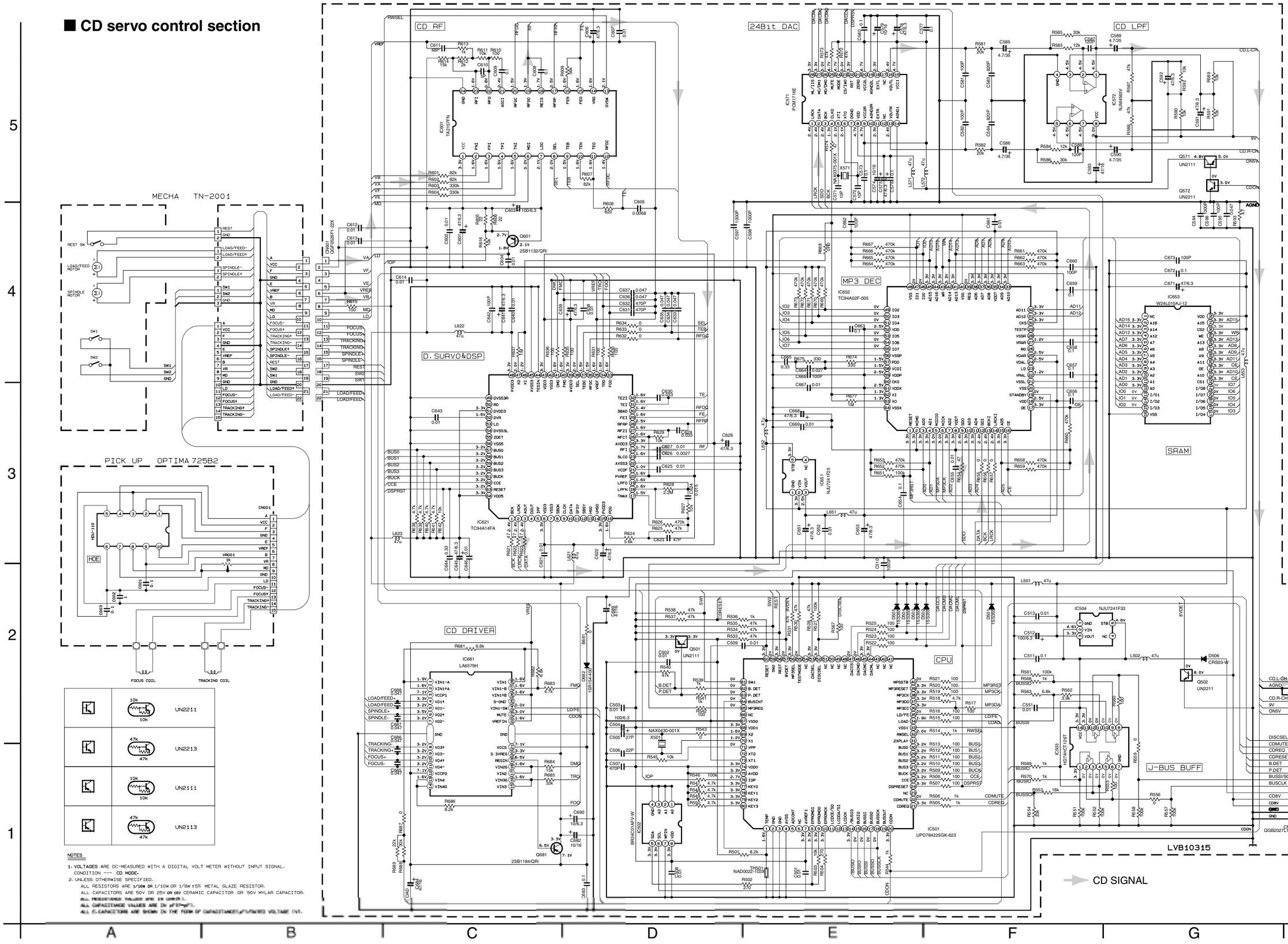
NOTES
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL
   CONDITION----FM MODE. AM MODE. ( )CD MODE.
2. UNLESS OTHERWISE SPECIFIED.
   ALL RESISTORS ARE 1/16W 5% METAL GLAZE RESISTOR.
   ALL CAPACITORS ARE 50V OR 25V CERAMIC CAPACITOR.
   ALL RESISTANCE VALUES ARE IN OHM.
   ALL CAPACITANCE VALUES ARE IN uF(P=pF)
   ALL E.CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(uF)/RATED VOLTAGE(V)
   MF -- METALLIZED FILM CAPACITOR , T - TANTALUM CAPACITOR
3. COMPONENTS IN () INDICATE NOT USE.
   * -- REFER TO TABLE



	KD-SX980J	KD-SX985J SERIES
C84-C94	0.015u	0.0047u
C85-C95	0.015u	0.0047u
R81-R91	2.2k	1.2k
R82-R92	3.9k	7.5k
R759	47K	NOT USE
R760	NOT USE	47K
R177-R178-R167-R168	0	NOT USE
R311-R312-R301-R302	27k	82k
R313-R314-R303-R304	NOT USE	120k
J321	QNN0489-001	QNN0490-001
C82-C92	NOT USE	0.01u
C725	NOT USE	150P
IC701	UPD78425AGC175	UPD78425AGC17B

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

■ CD servo control section



10k / 10k	UN2211
47k / 47k	UN2213
10k / 10k	UN2111
47k / 47k	UN2113

NOTES

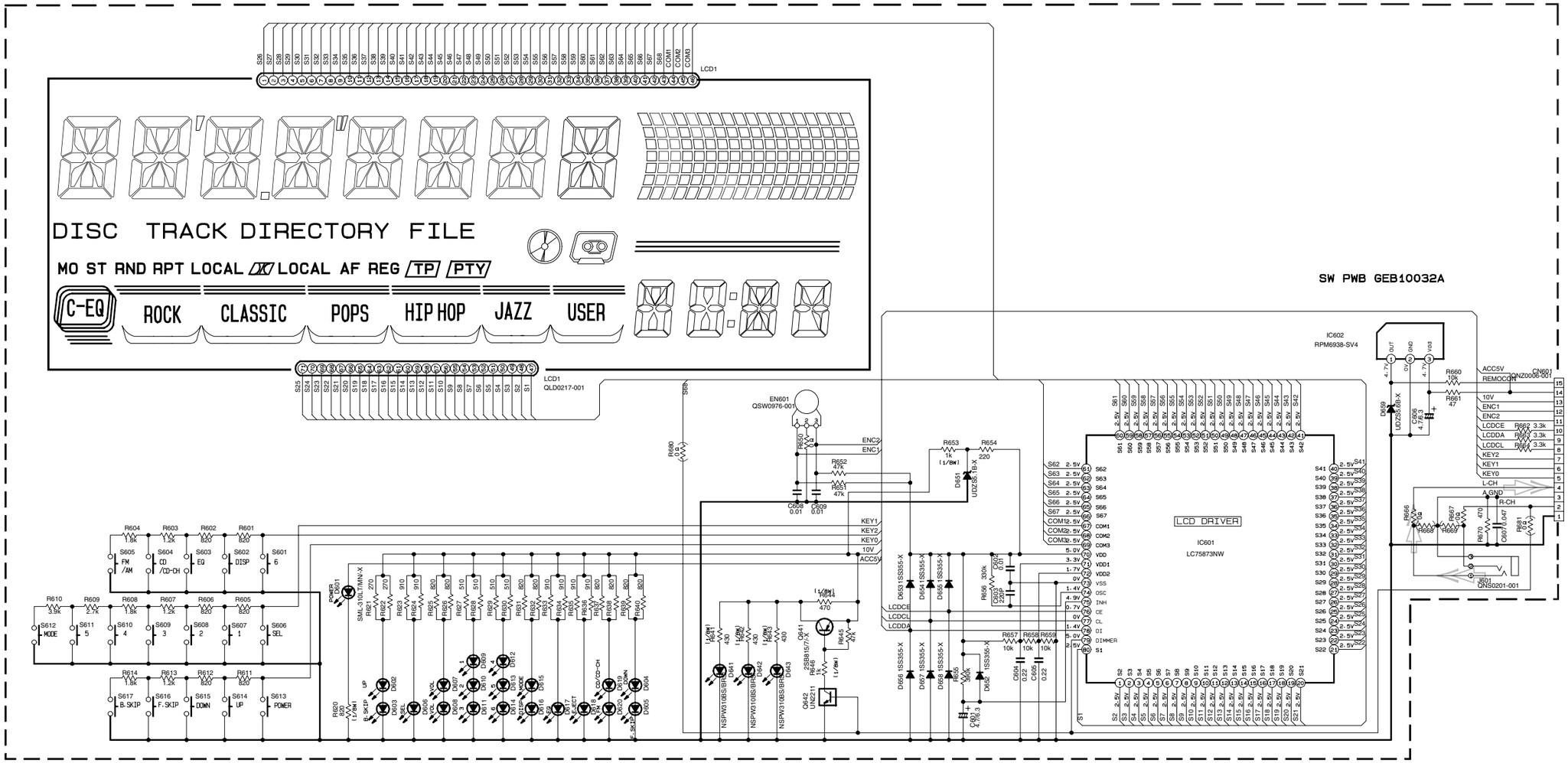
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.
   CONDITION --- CD MODE.
2. UNLESS OTHERWISE SPECIFIED.
   ALL RESISTORS ARE 1/16W OR 1/10W OR 1/8W ±5% METAL GLAZE RESISTOR.
   ALL CAPACITORS ARE 50V OR 25V OR 16V CERAMIC CAPACITOR OR 50V MYLAR CAPACITOR.
   ALL RESISTANCE VALUES ARE IN OHM(Ω).
   ALL CAPACITANCE VALUES ARE IN pF(P)=μF(μ).
   ALL E.CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(μF)/MAXIMUM VOLTAGE(V).

■ LCD & Key control section

	47K / 47K	UN2213
	10K / 10K	UN2211
	10K / 10K	UN2111

NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL CONDITION---CD MODE.
2. UNLESS OTHERWISE SPECIFIED,
   ALL RESIETORS ARE 1/10W ±5% METAL GLAZE RESISTOR.
   ALL CAPACITORS ARE 50V OR 25V CERAMIC CAPACITOR.
   ALL RESISTANCE VALUES ARE IN OHM.
   ALL CAPACITANCE VALUES ARE IN uF(p=pF).
   ALL E.CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(uF)/RATED VOLTAGE(V)



KD-SX980J	D602-D606, D609-D616, D618-D620 D617 D607, D608	SML-310VT/JK/-X LNJ308G81/1-3/X CL-190UB-X-X
KD-SX985U SERIES	D602-D605, D609-D614, D618-D620 D615, D616 D617 D606 [illegible]	LNJ308G81/1-3/X SML-310YT/JKL/X SML-310DT/KL/-X SML-310VT/JK/-X [illegible]-X-X

AUX IN SIGNAL

Printed circuit boards

5

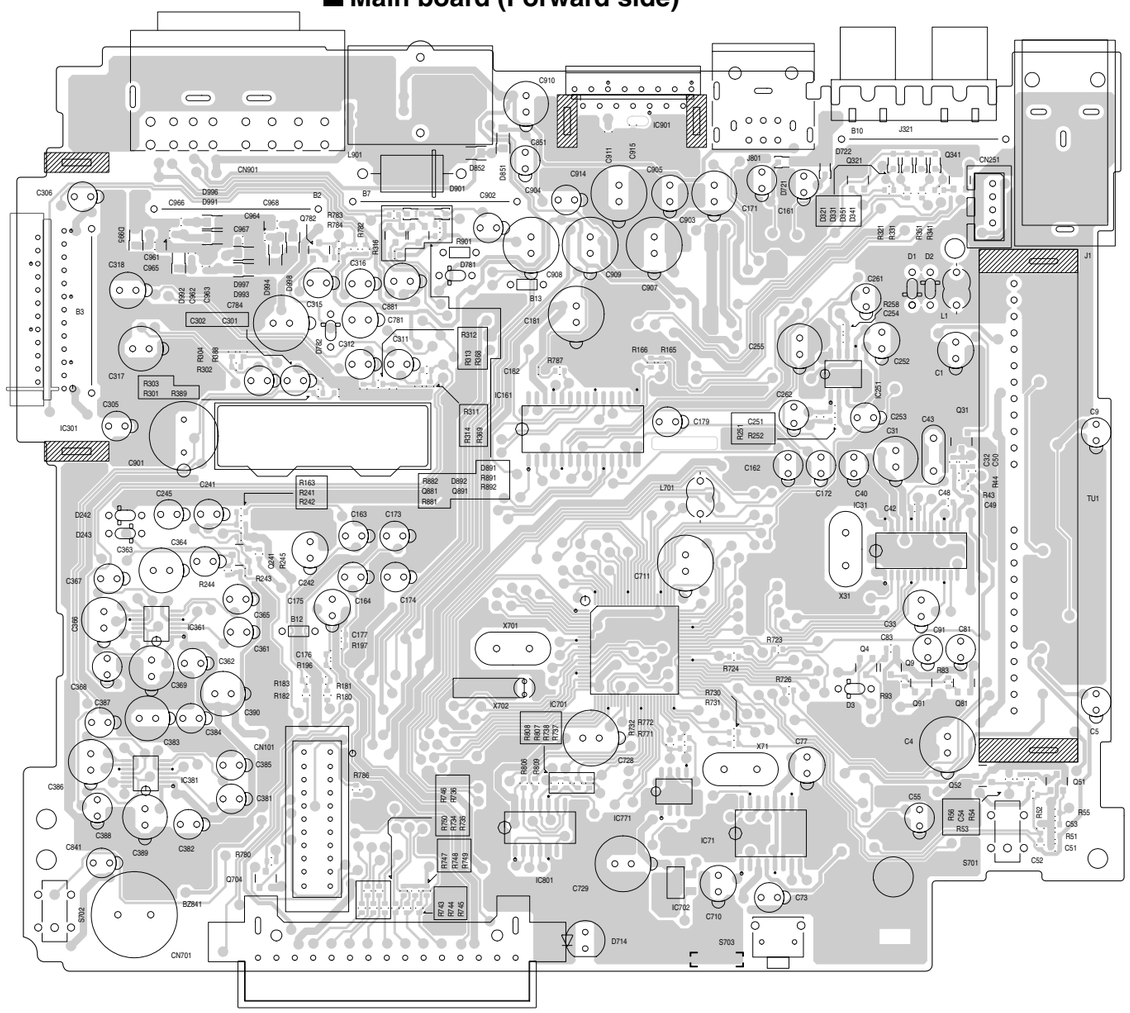
4

3

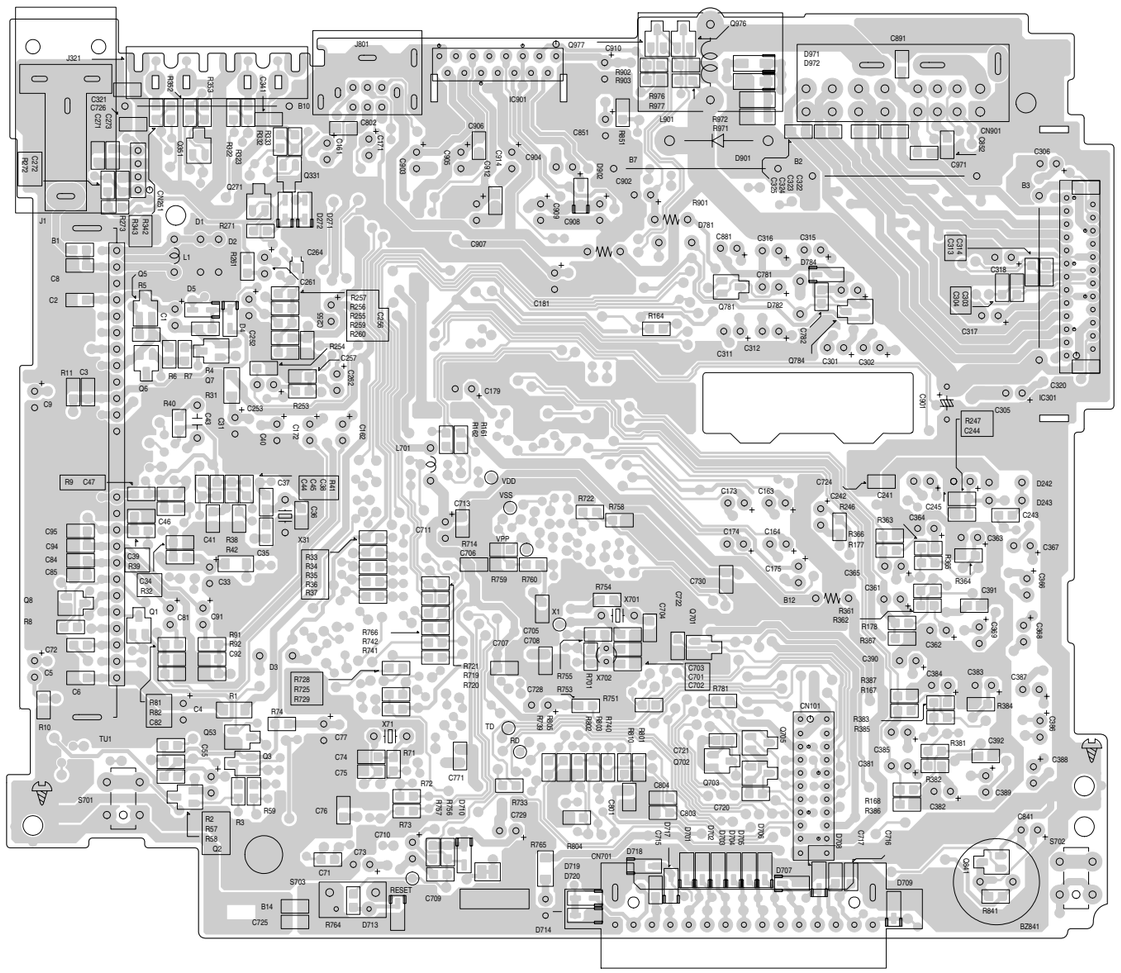
2

1

■ Main board (Forward side)

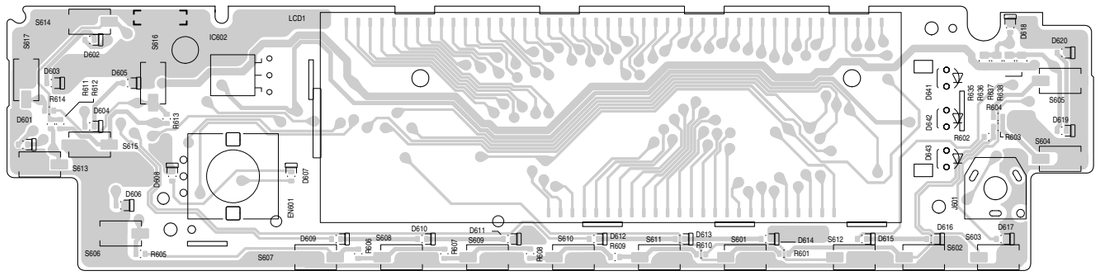


■ Main board (Reverse side)

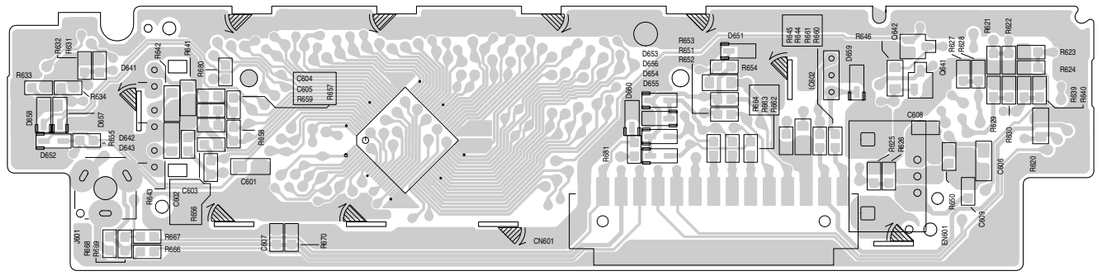


A B C D E F G

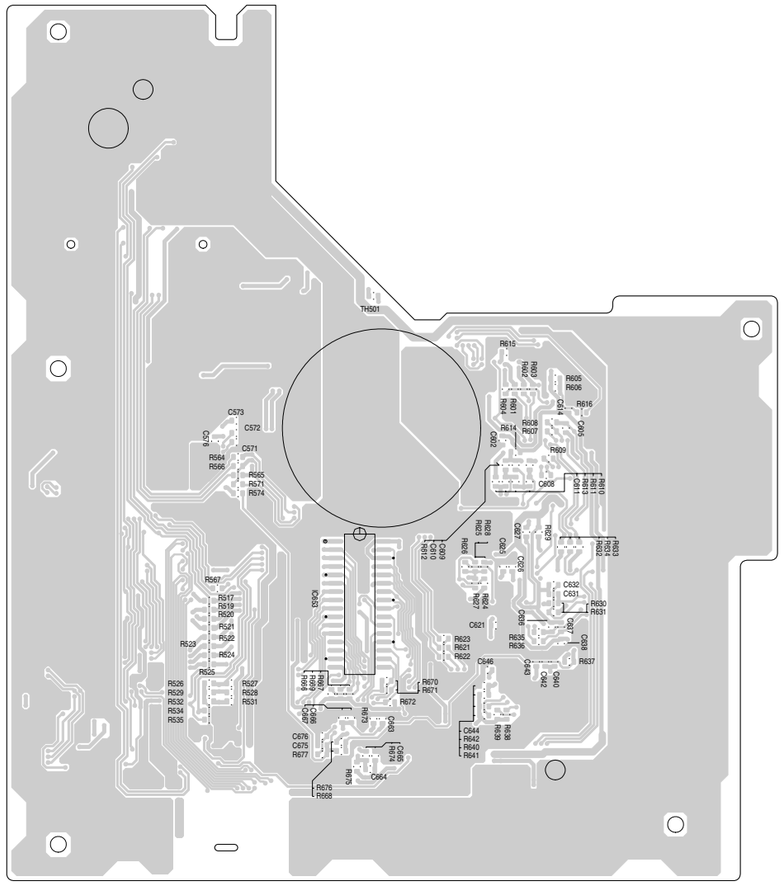
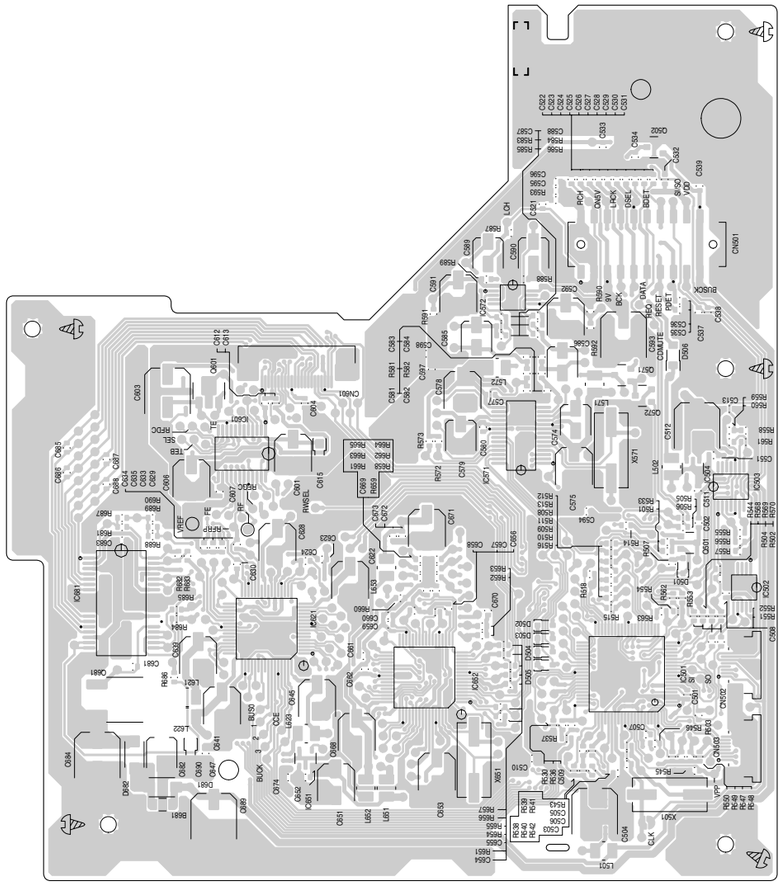
■ Front board (Forward side)



■ Front board (Reverse side)



■ Mecha control board (Forward side)



■ Mechacontrol board (Reverse side)