

JVC

SCHEMATIC DIAGRAMS

CD/SD RECEIVER

KD-LHX551, KD-LHX552 KD-LHX557

CD-ROM No.SML200503

KD-LHX551, KD-LHX552

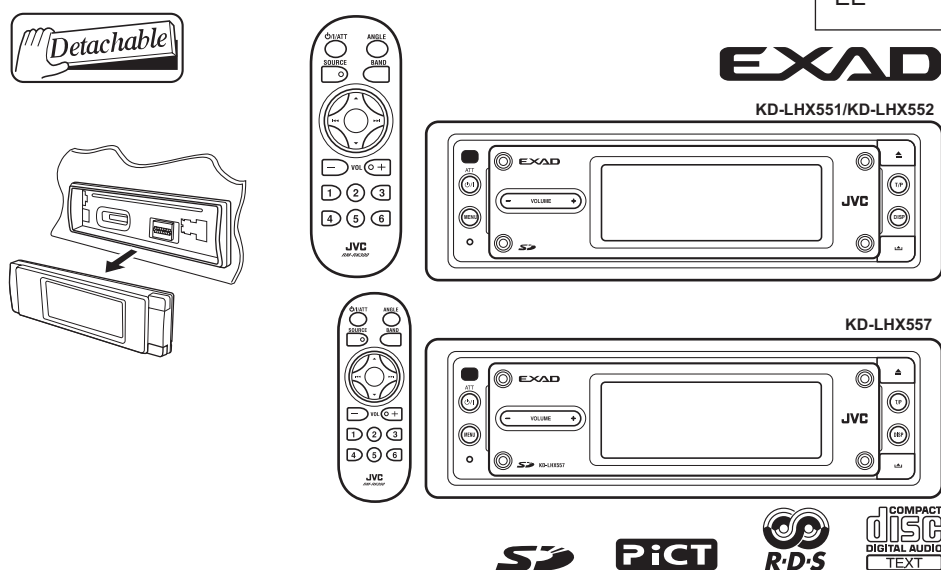
Area suffix

E ----- Southern Europe
EX ----- Northern Europe
EY ----- Eastern Europe
EU ----- Turkey

KD-LHX557

Area suffix

EE ----- Russian Federation




	KD-LHX551	KD-LHX552	KD-LHX557
Control Panel	SILVER	BLACK	BLACK

Contents

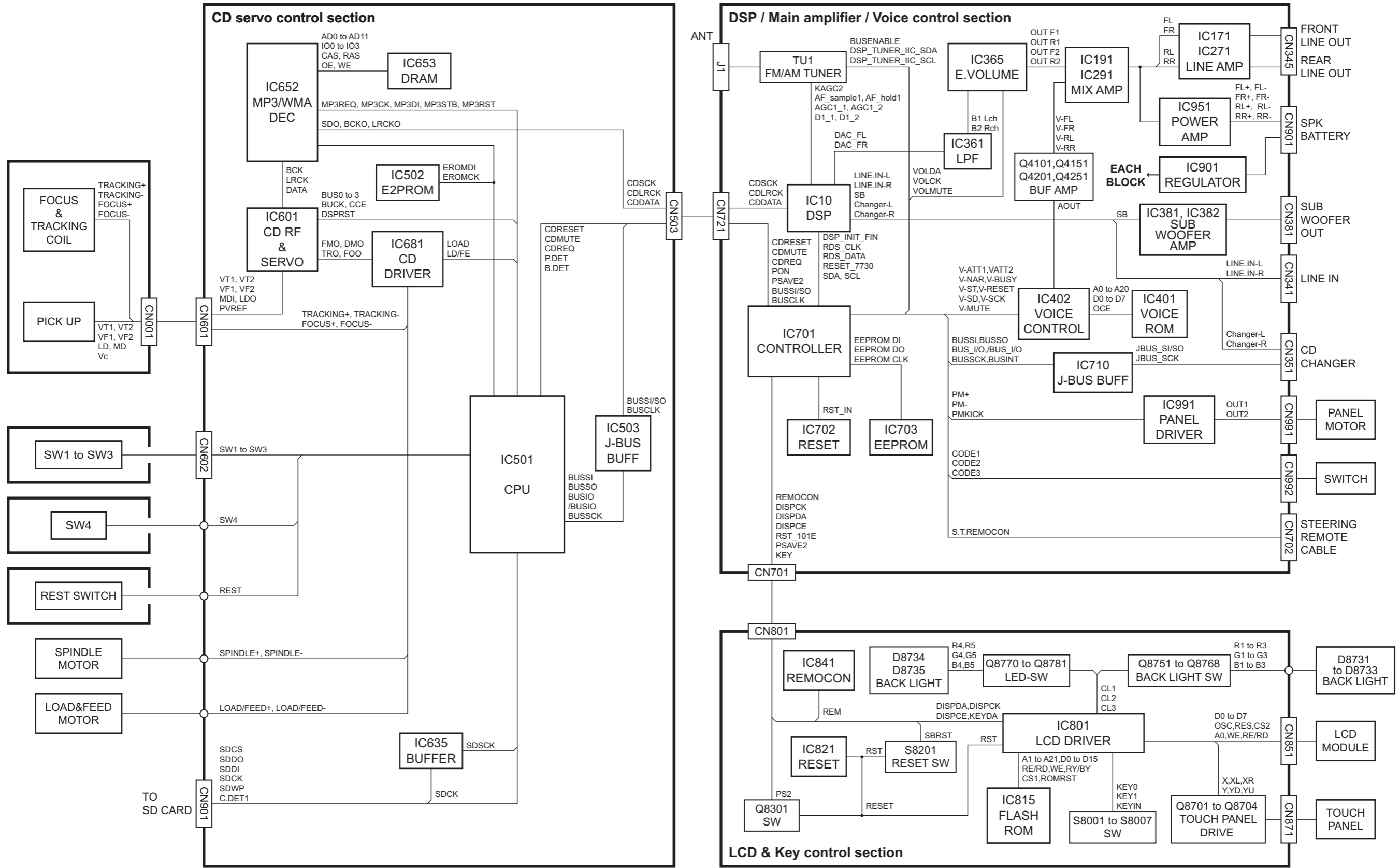
Block diagram	2-1
Standard schematic diagrams	2-2 to 10
Printed circuit boards	2-11 to 13

Safety precaution

 **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 performing repair of this system.

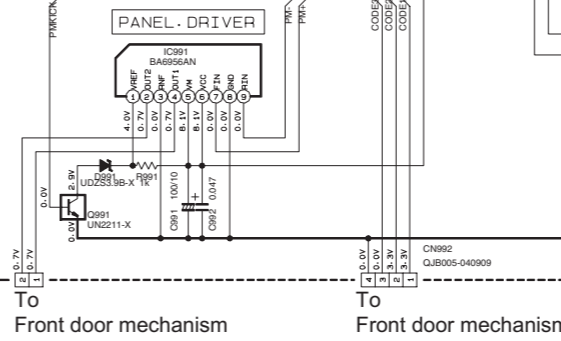
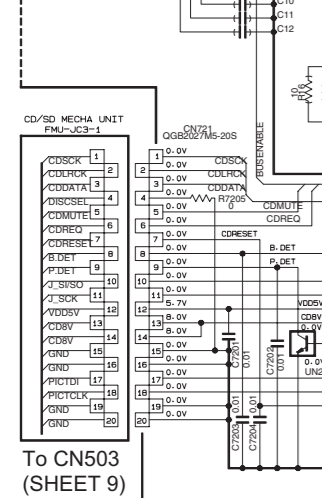
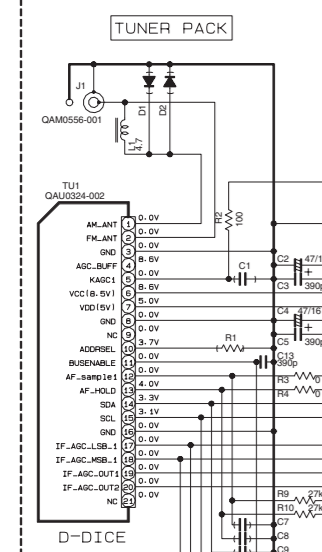
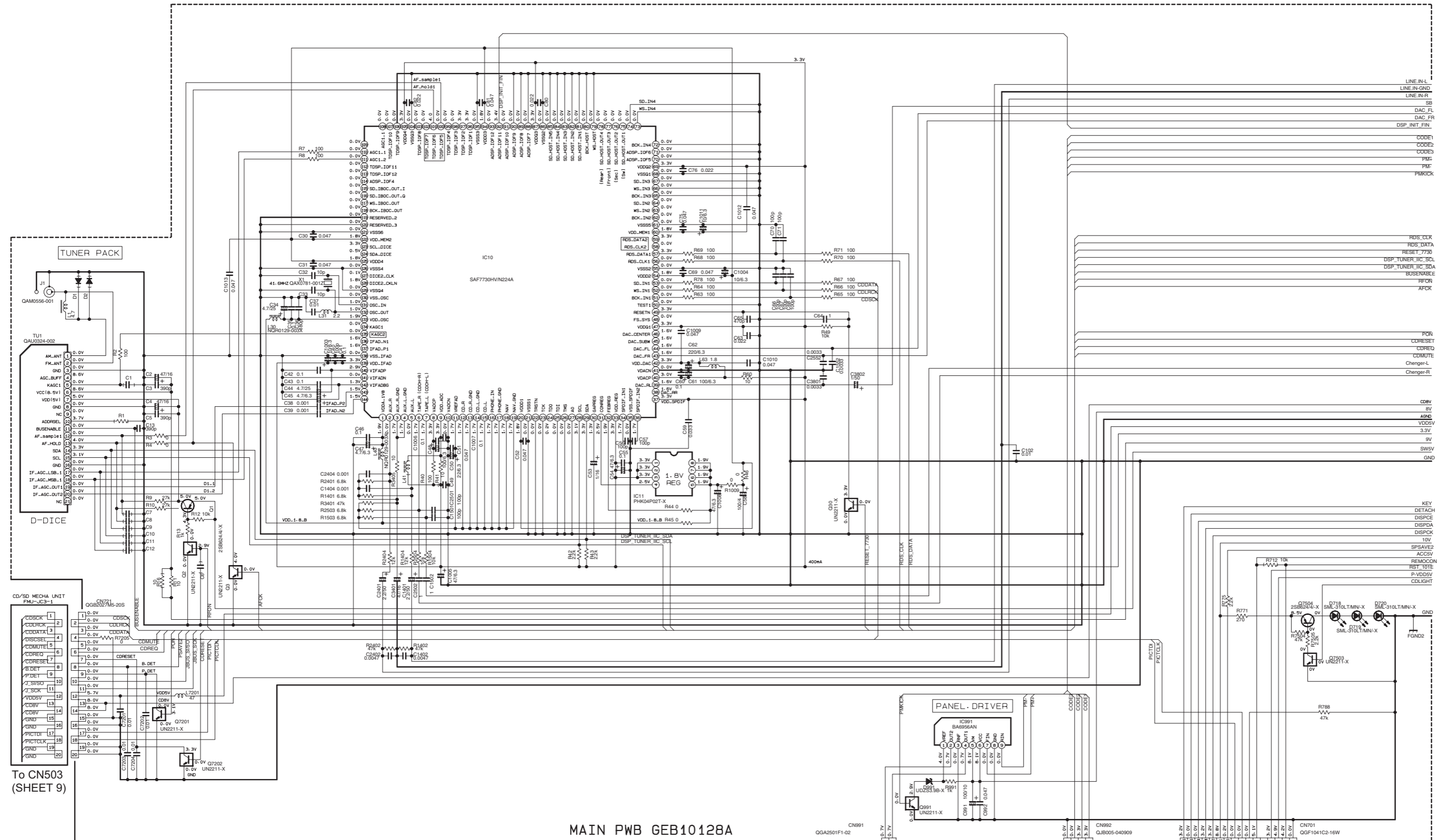
 **CAUTION** Please use enough caution not to see the beam directly or touch it in case of an adjustment or operation check.

Block diagram



Standard schematic diagrams

■ DSP section (For KD-LHX551 & KD-LHX552)



To CN503 (SHEET 9)

To Front door mechanism

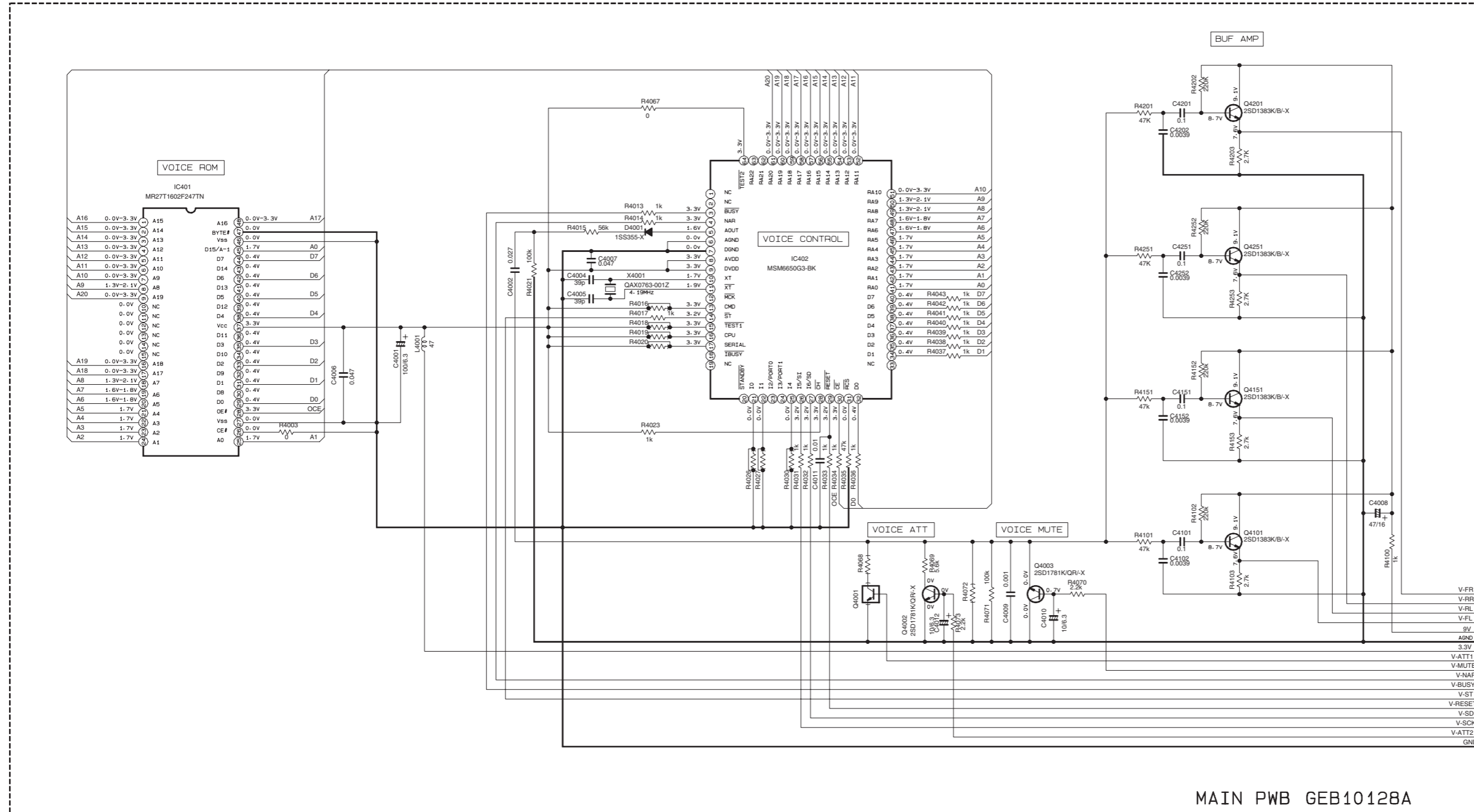
To Front door mechanism

To CN801 (SHEET 4)

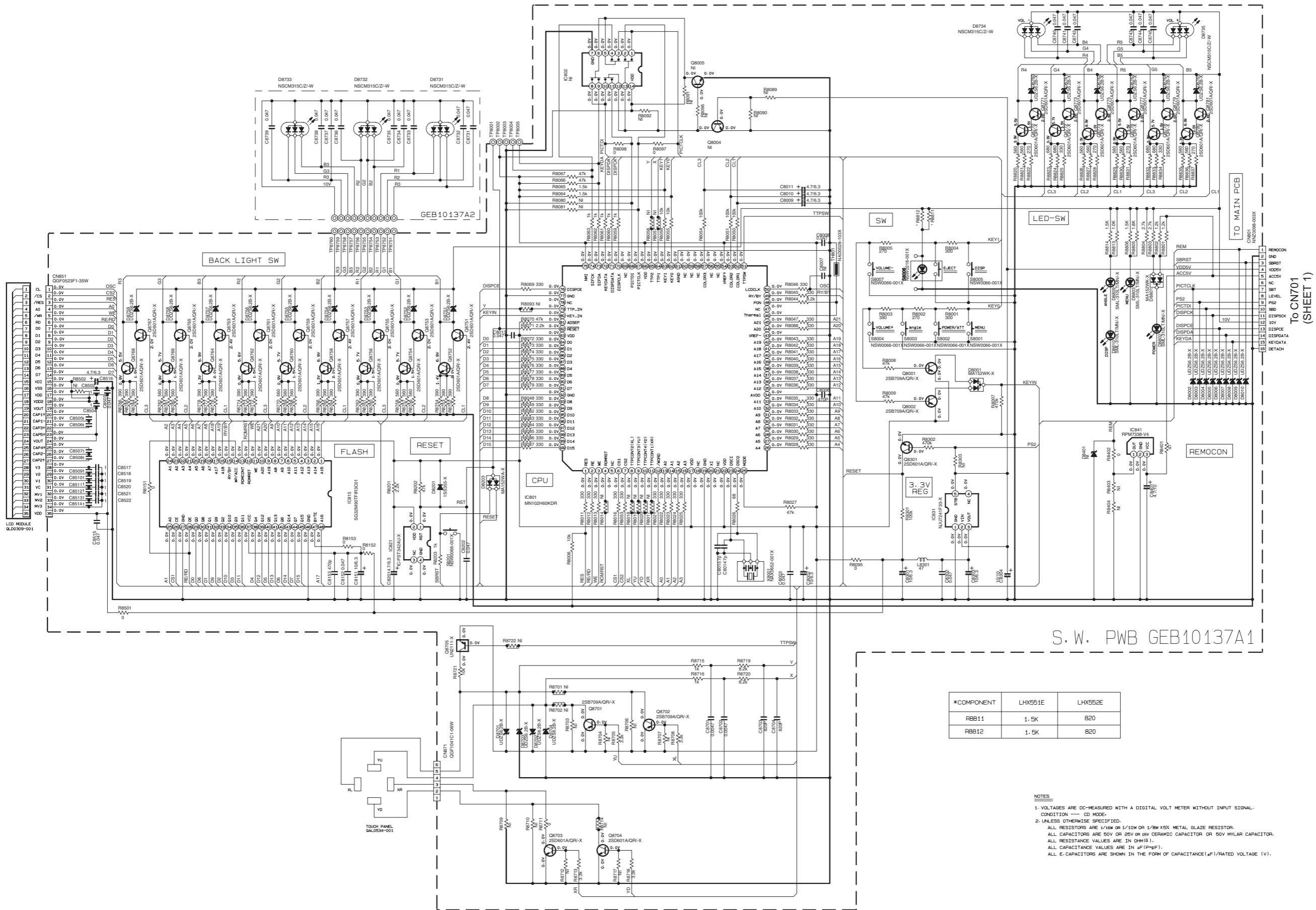
MAIN PWB GEB10128A

(SHEET 2)

■ Voice control section (For KD-LHX551 & KD-LHX552)



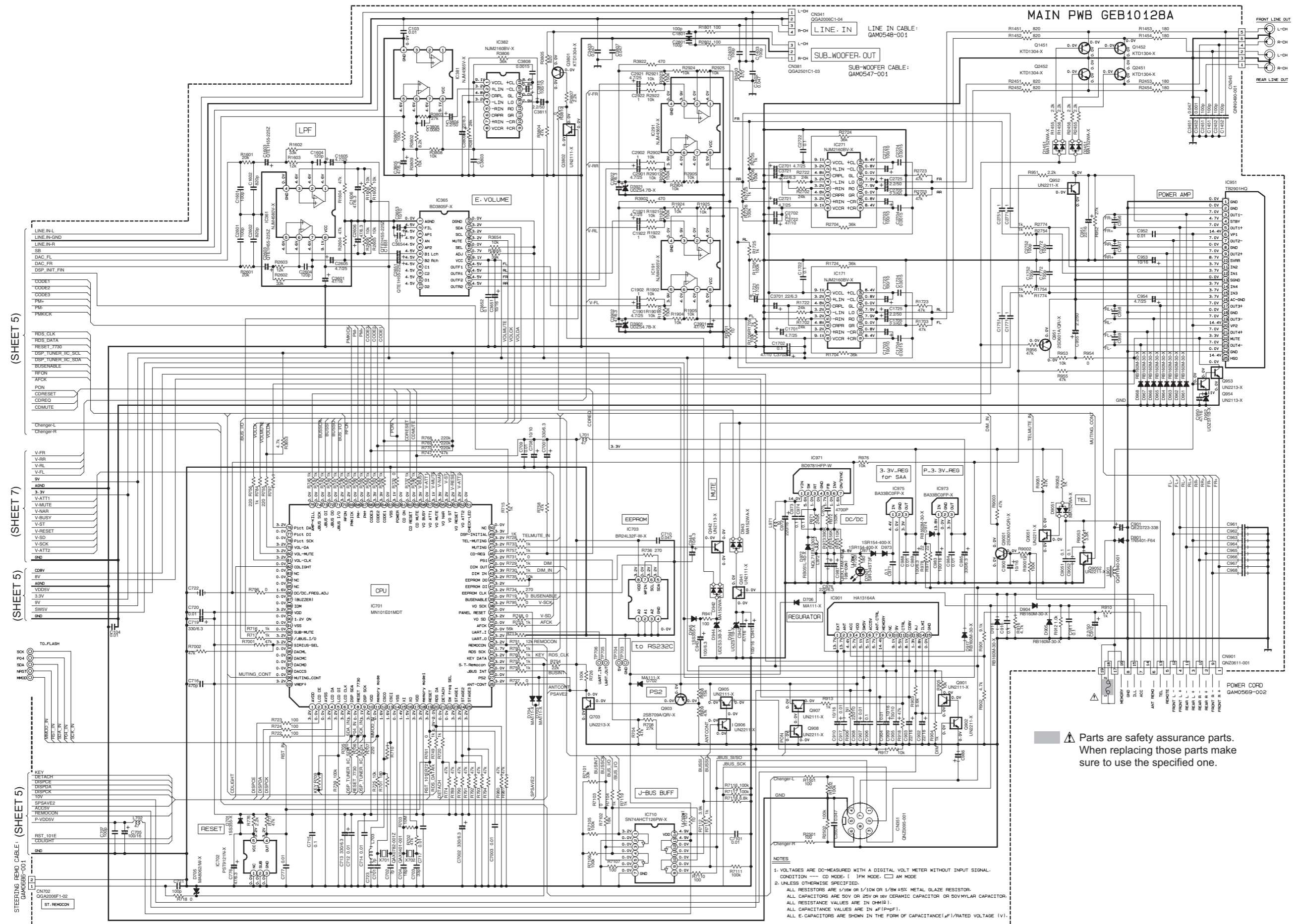
■ LCD & Key control section (For KD-LHX551 & KD-LHX552)



*COMPONENT	LHX551E	LHX552E
R8811	1.5K	820
R8812	1.5K	820

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 Ω(MΩ).
 ALL CAPACITANCE VALUES ARE IN μF(PμF).
 ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(μF)/RATED VOLTAGE (V).

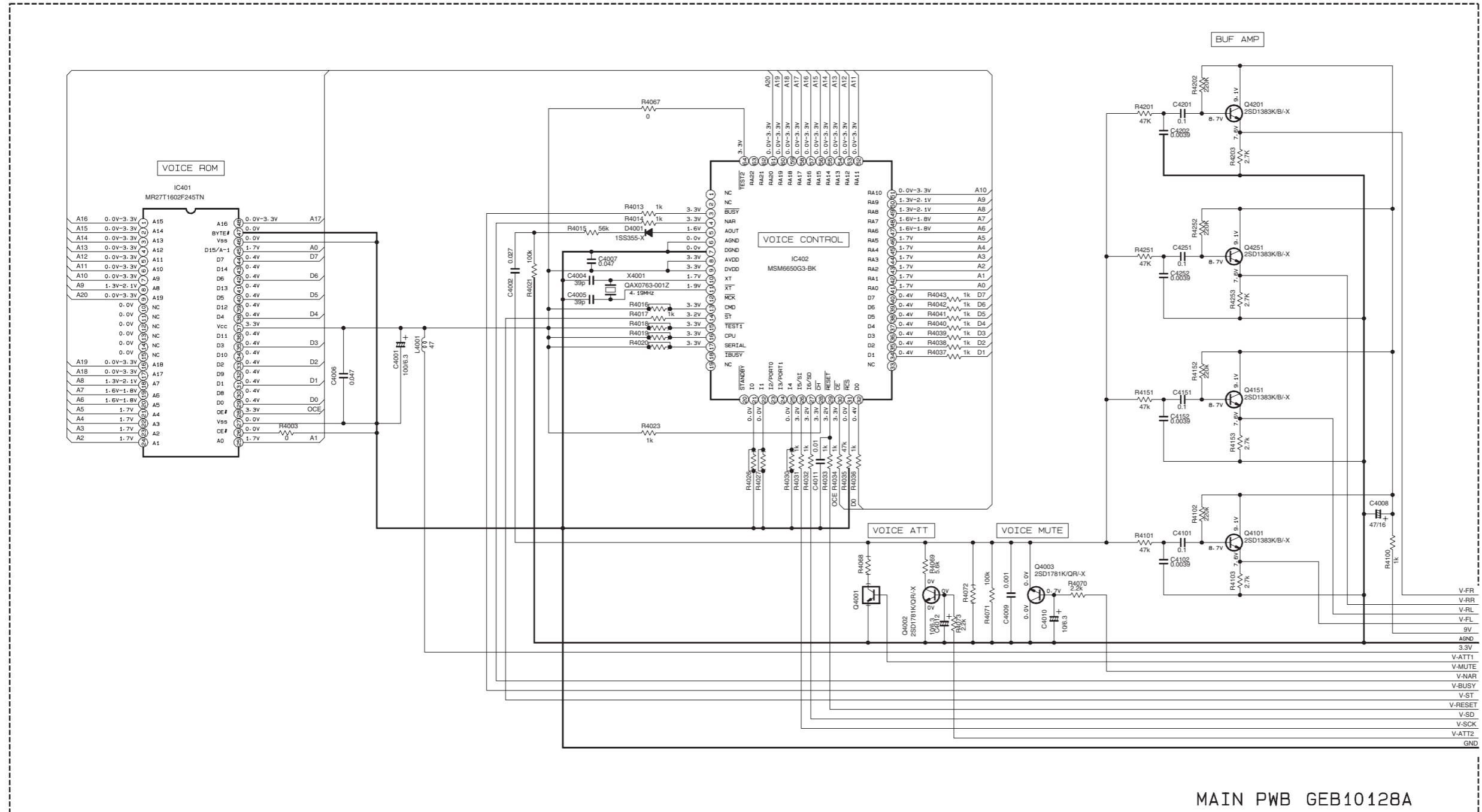
■ Main amplifier section (For KD-LHX557)



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

NOTES
 1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.
 CONDITION --- CD MODE, I IFM MODE, AM 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/MLR CAPACITOR.
 ALL RESISTANCE VALUES ARE IN OHM(Ω).
 ALL CAPACITANCE VALUES ARE IN μF(μF).
 ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μF)/RATED VOLTAGE (V).

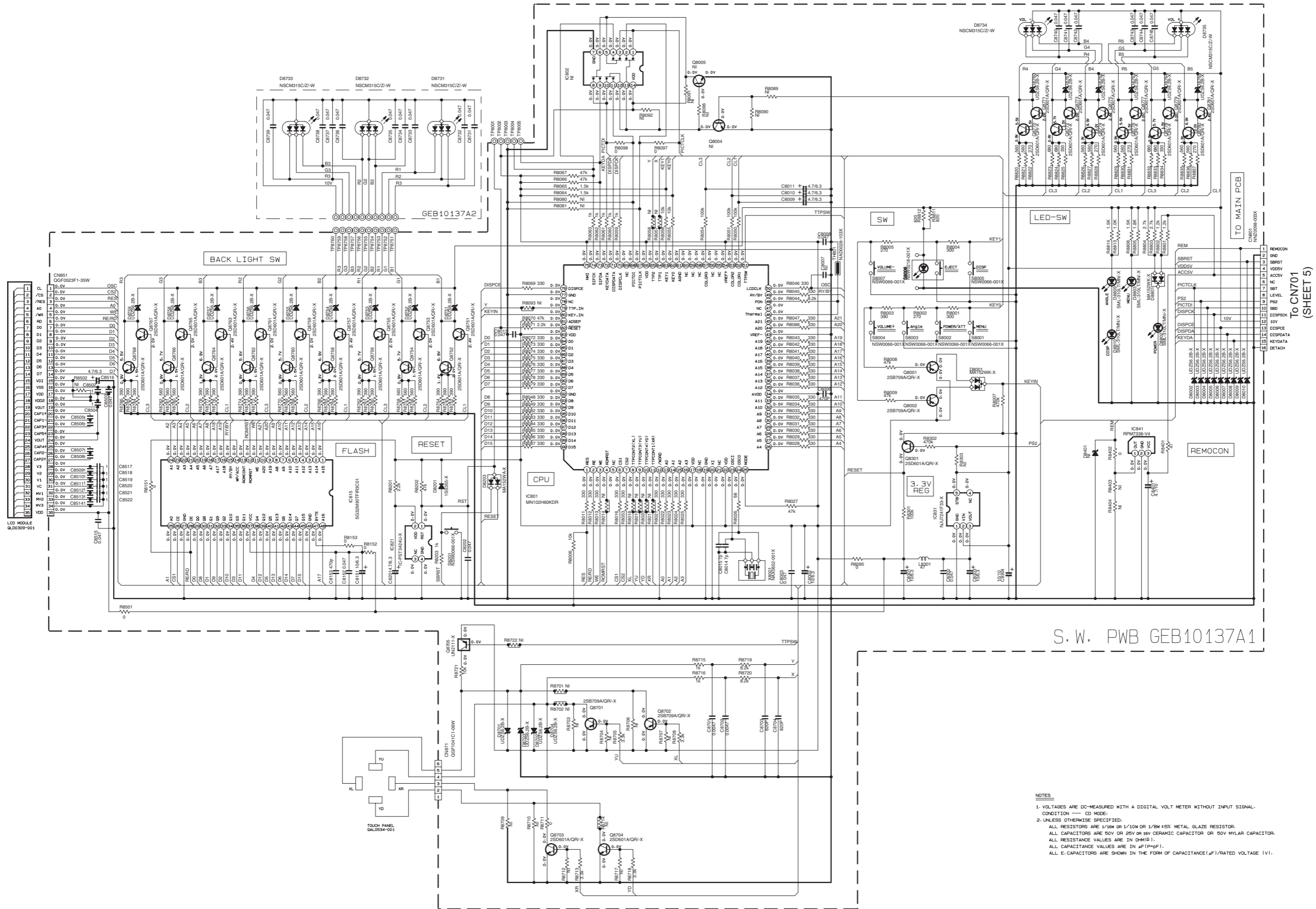
■ Voice control section (For KD-LHX557)



MAIN PWB GEB10128A

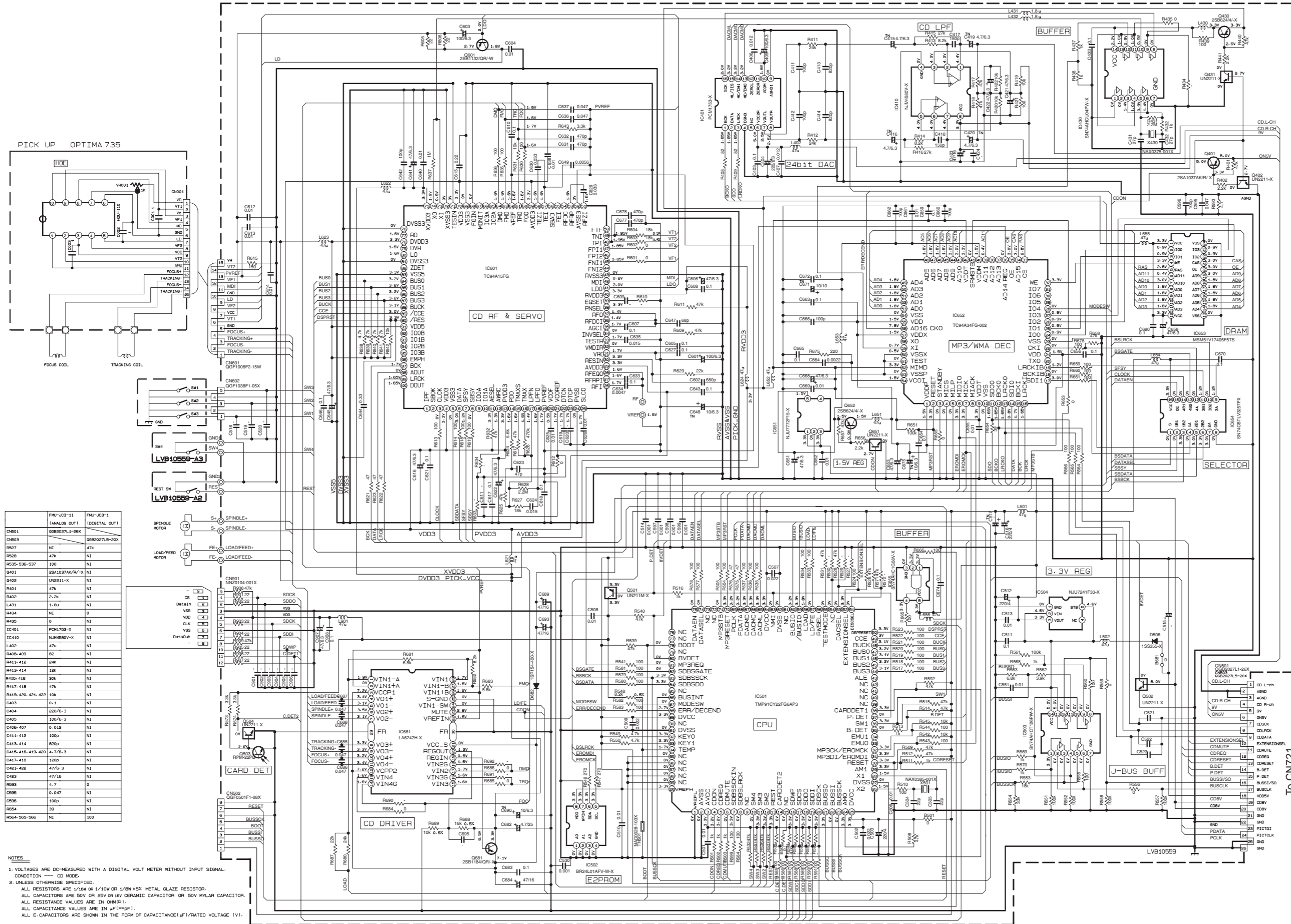
(SHEET 6)

■ LCD & Key control section (For KD-LHX557)



- 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 Ω(MΩ). ALL CAPACITANCE VALUES ARE IN μF(PpF). ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(μF)/RATED VOLTAGE (V).

CD servo control section (Common)



	FMU-JC3-11 (ANALOG OUT)	FMU-JC3-1 (DIGITAL OUT)
CN501	06B0207L1-26X	
CN503	06B0207L5-20X	
R627	NI	47k
R628	NI	47k
R635-636-637	100	NI
Q401	2SA1037AK/R-X	NI
Q402	UN2211-X	NI
R401	47k	NI
R402	2.2k	NI
L431	1.8u	NI
R434	NI	0
R435	0	NI
IC401	PCM1753-X	NI
IC410	NJM4580V-X	NI
L402	47u	NI
R406-409	82	NI
R411-412	24k	NI
R413-414	12k	NI
R415-416	30k	NI
R417-418	47k	NI
R419-420-421-422	10k	NI
C403	0.1	NI
C404	220/6.3	NI
C405	100/6.3	NI
C406-407	0.012	NI
C411-412	100p	NI
C413-414	820p	NI
C415-416-419-420	4.7/6.3	NI
C417-418	120p	NI
C421-422	47/6.3	NI
C423	47/16	NI
R693	4.7	0
C595	0.047	NI
C596	100p	NI
R654	39	NI
R654-565-566	100	NI

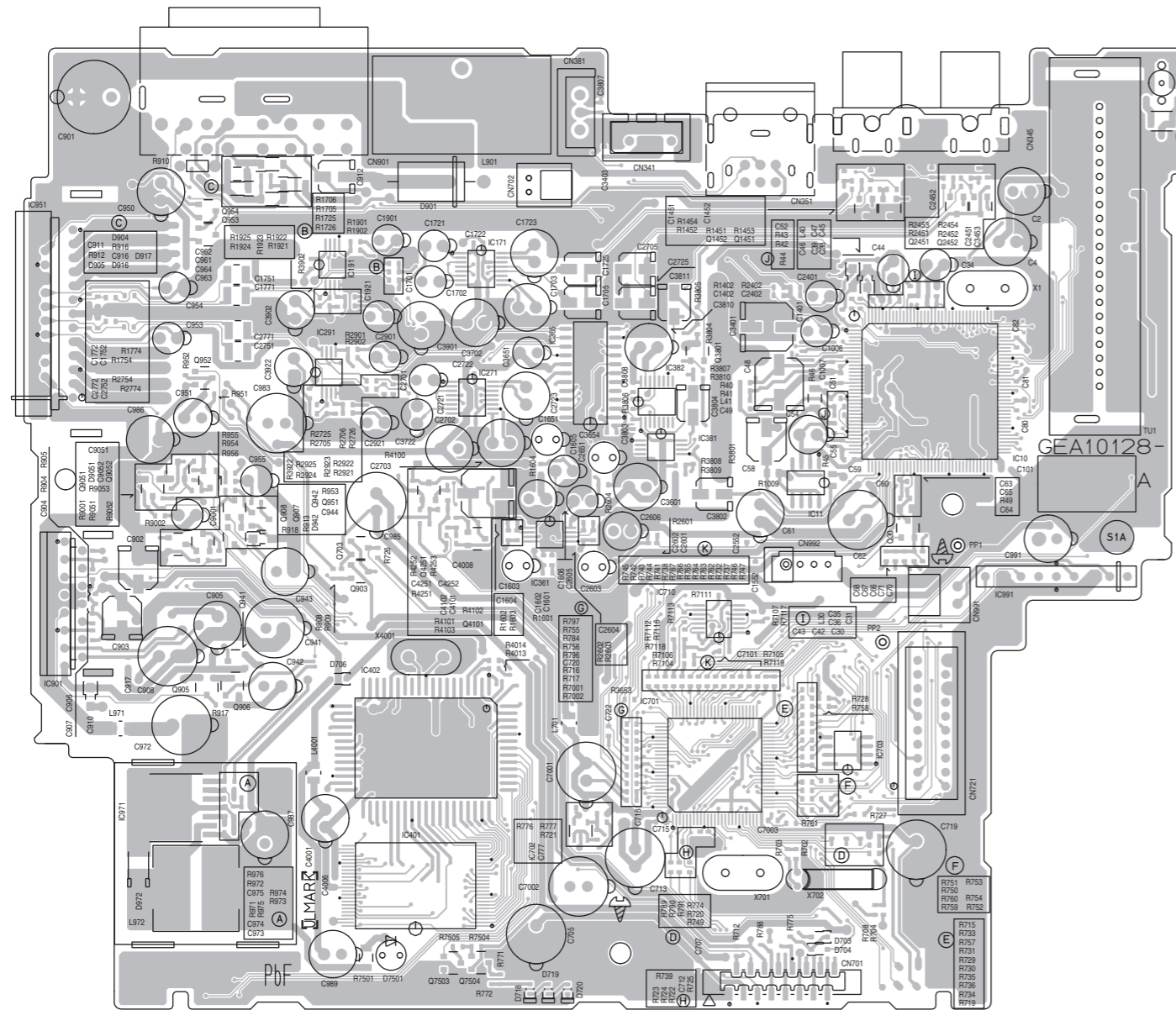
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 ALL RESISTANCE VALUES ARE IN OHM(Ω).
 ALL CAPACITANCE VALUES ARE IN pF(pF).
 ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(μF)/RATED VOLTAGE (V).

To CN721
(SHEET 1 OF SHEET 5)

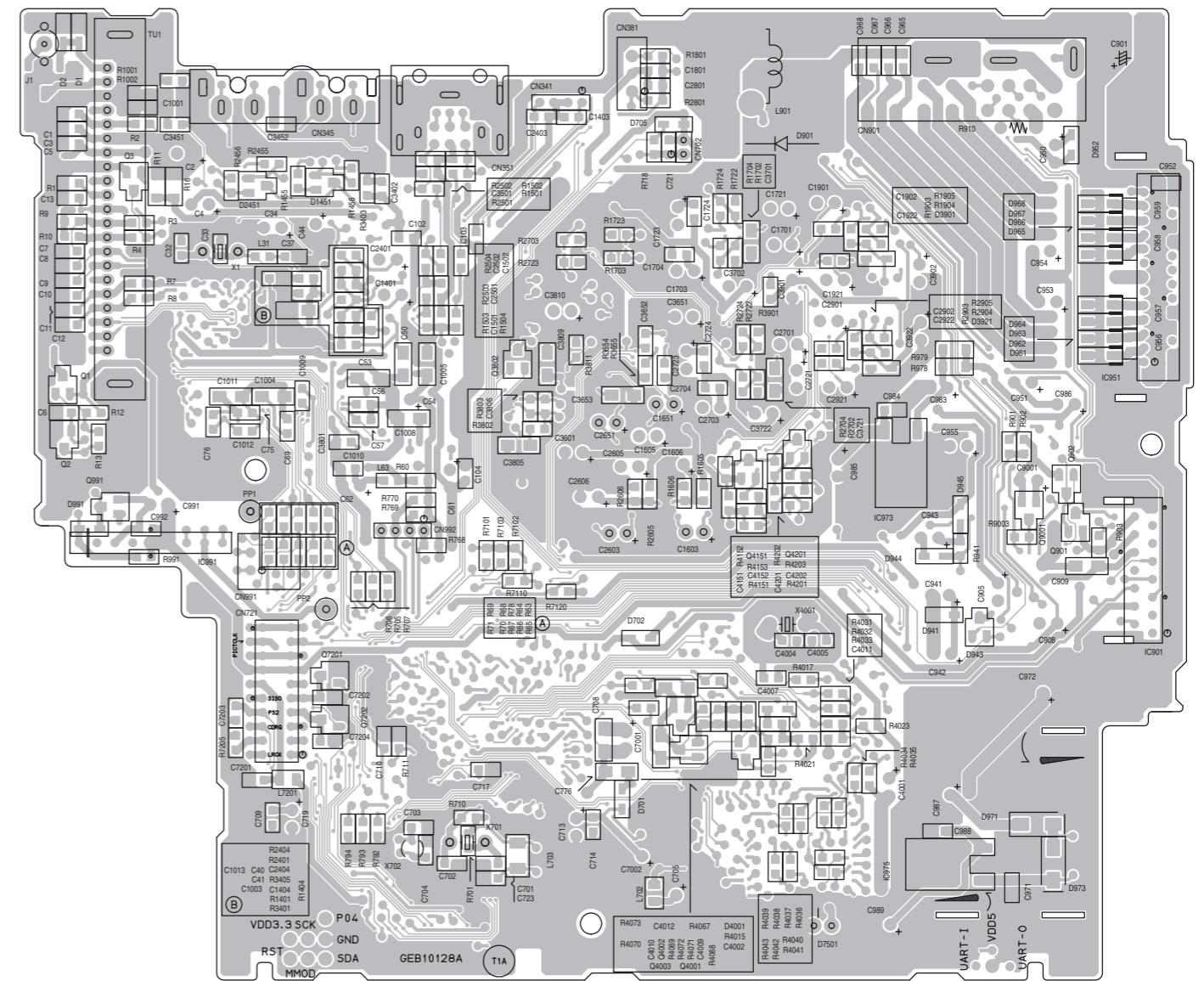
Printed circuit boards

■ Main board

Forward side

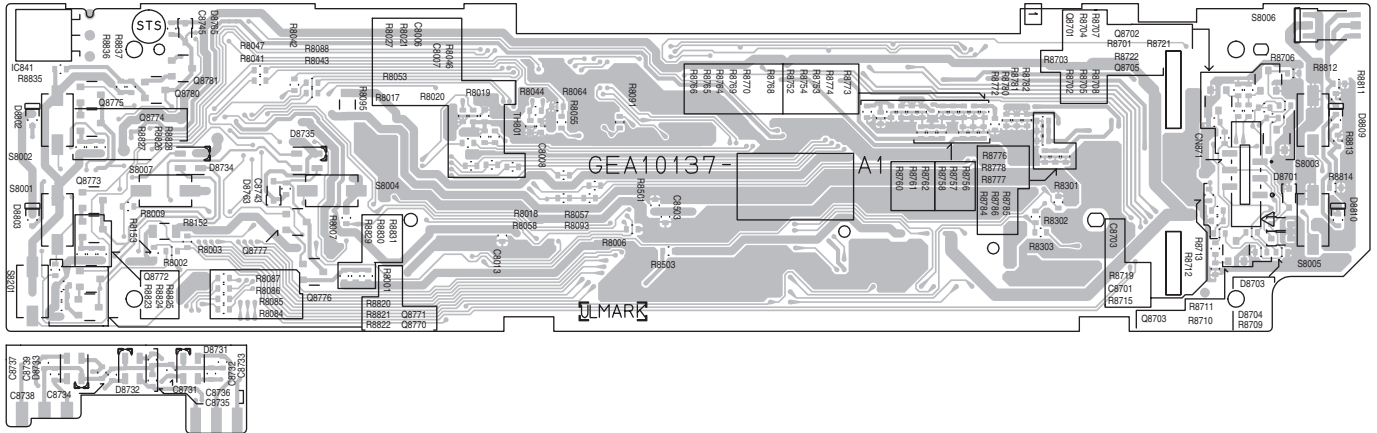


Reverse side

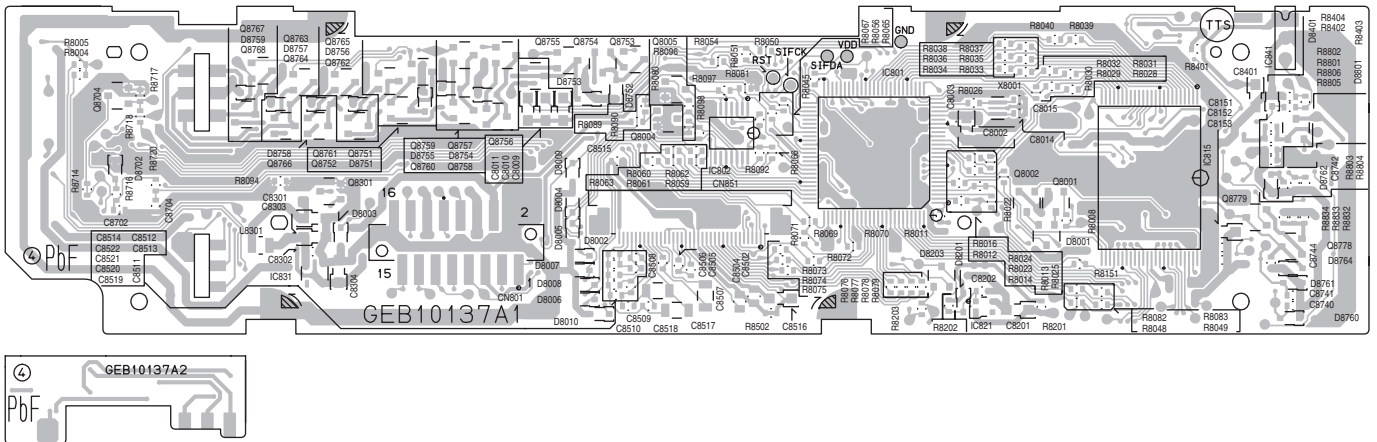


■ Switch board

Forward side



Reverse side



JVC

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