

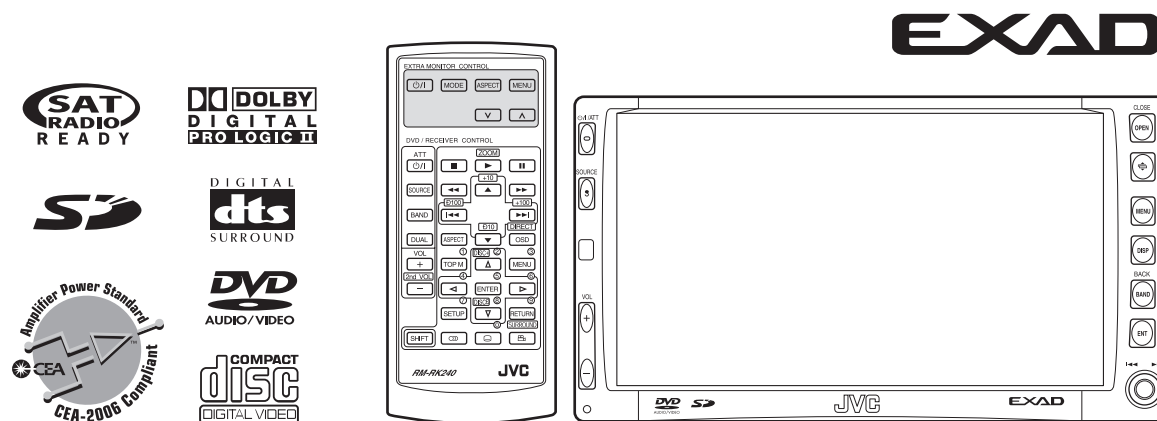
JVC

SCHEMATIC DIAGRAMS

DVD RECEIVER WITH MONITOR

KW-AVX700E, KW-AVX700U, KW-AVX700UN
KW-AVX700A, KW-AVX701UN, KW-AVX706J
KW-AVX706U, KW-AVX706UN, KW-AVX706E
KW-AVX706EU, KW-AVX706EE

CD-ROM No.SML200604



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

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Safety precaution



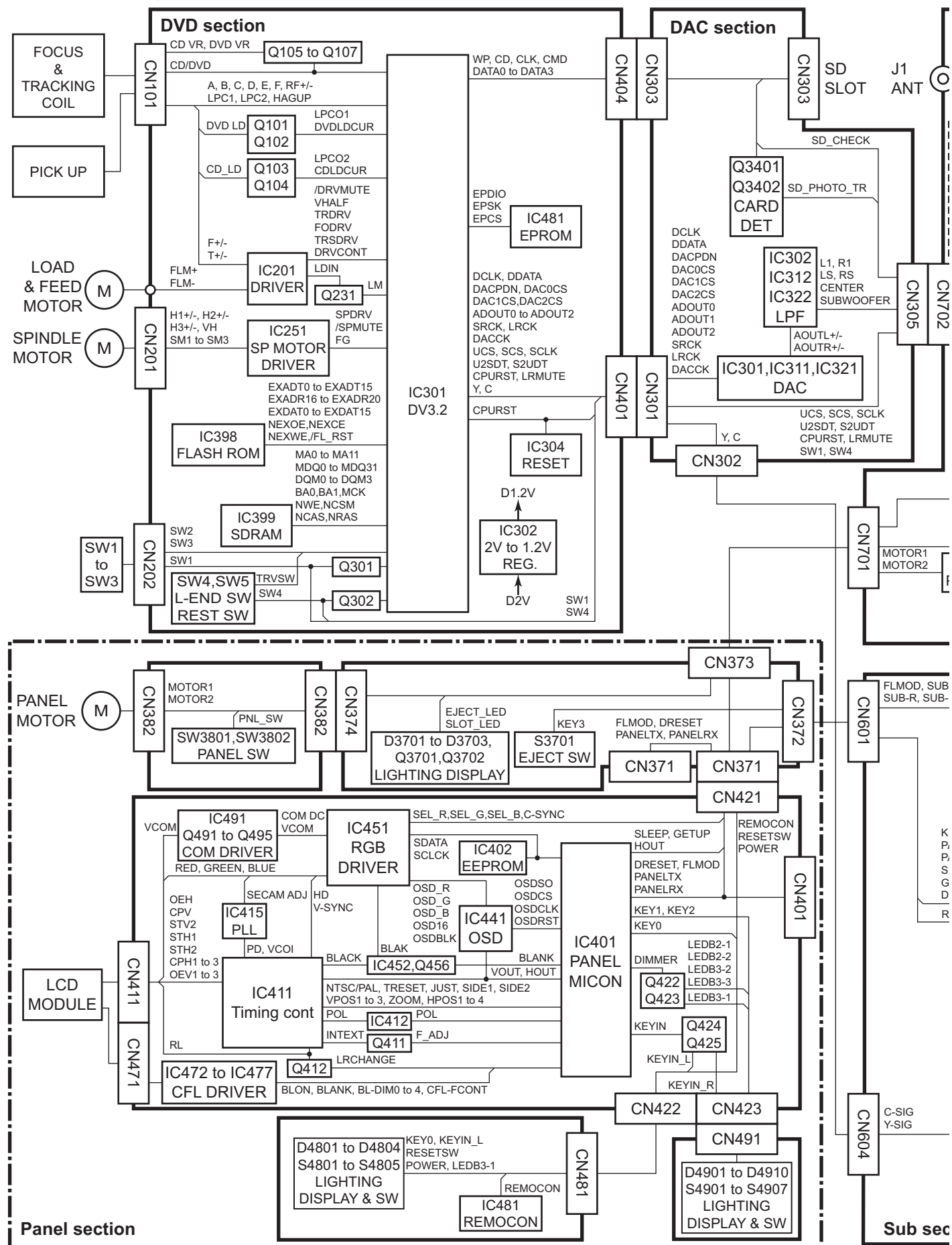
CAUTION Burrs formed during molding may be left over on some parts of the chassis. Therefore, pay attention to such burrs in the case of performing repair of this system.

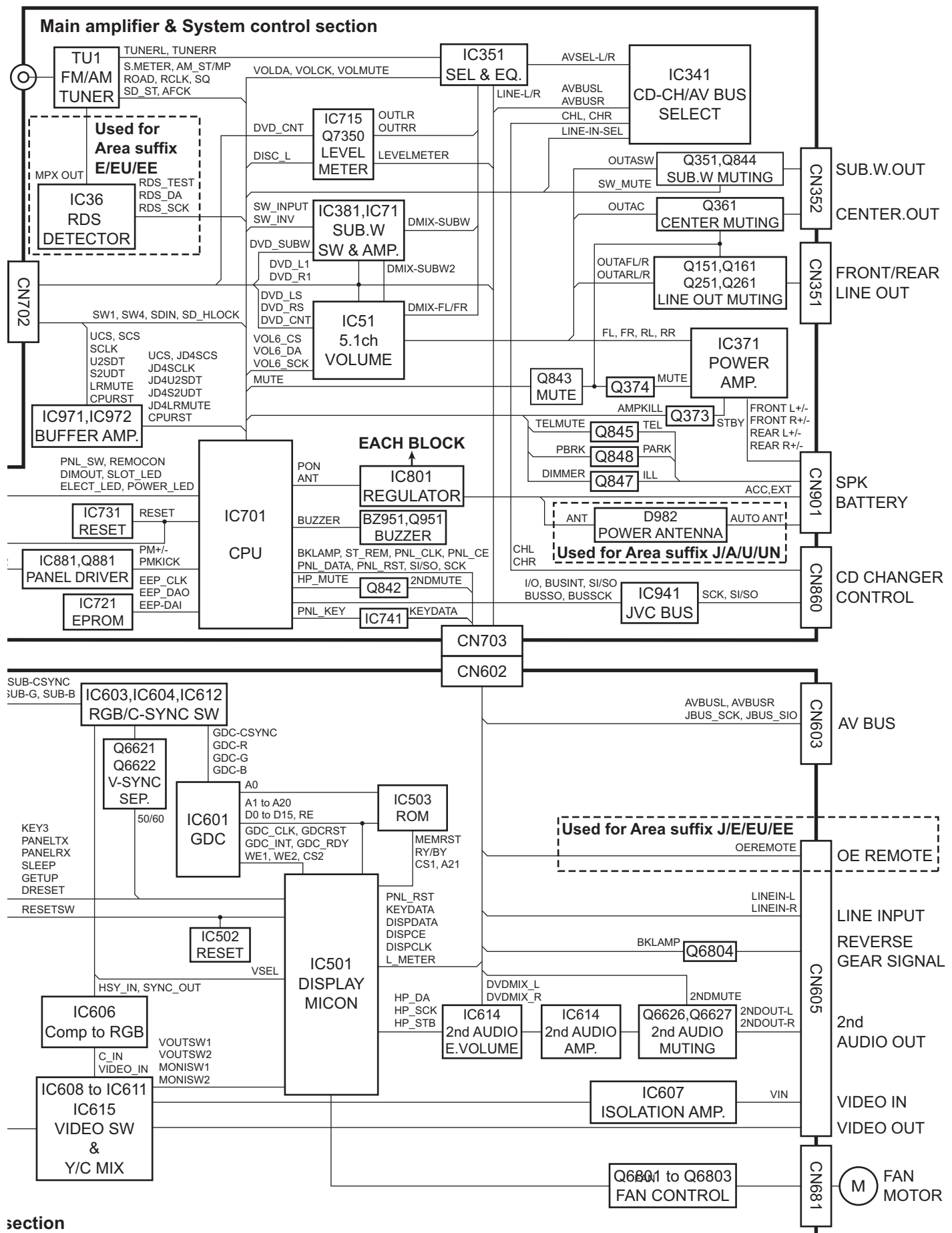


CAUTION Please use enough caution not to see the beam directly or touch it in case of an adjustment or operation check.

< MEMO >

Block diagram



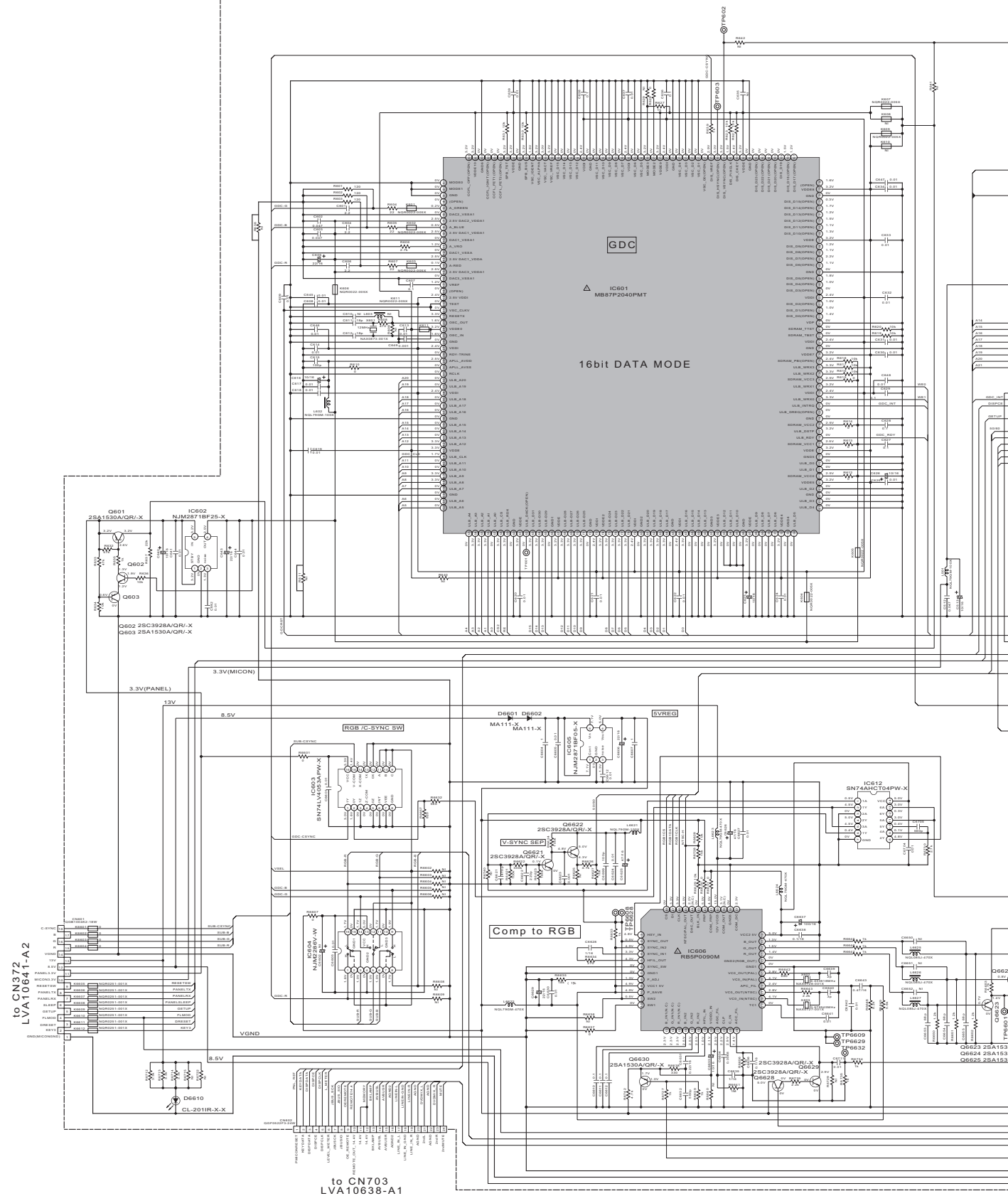


section

■ Main section (except KW-AVX701)

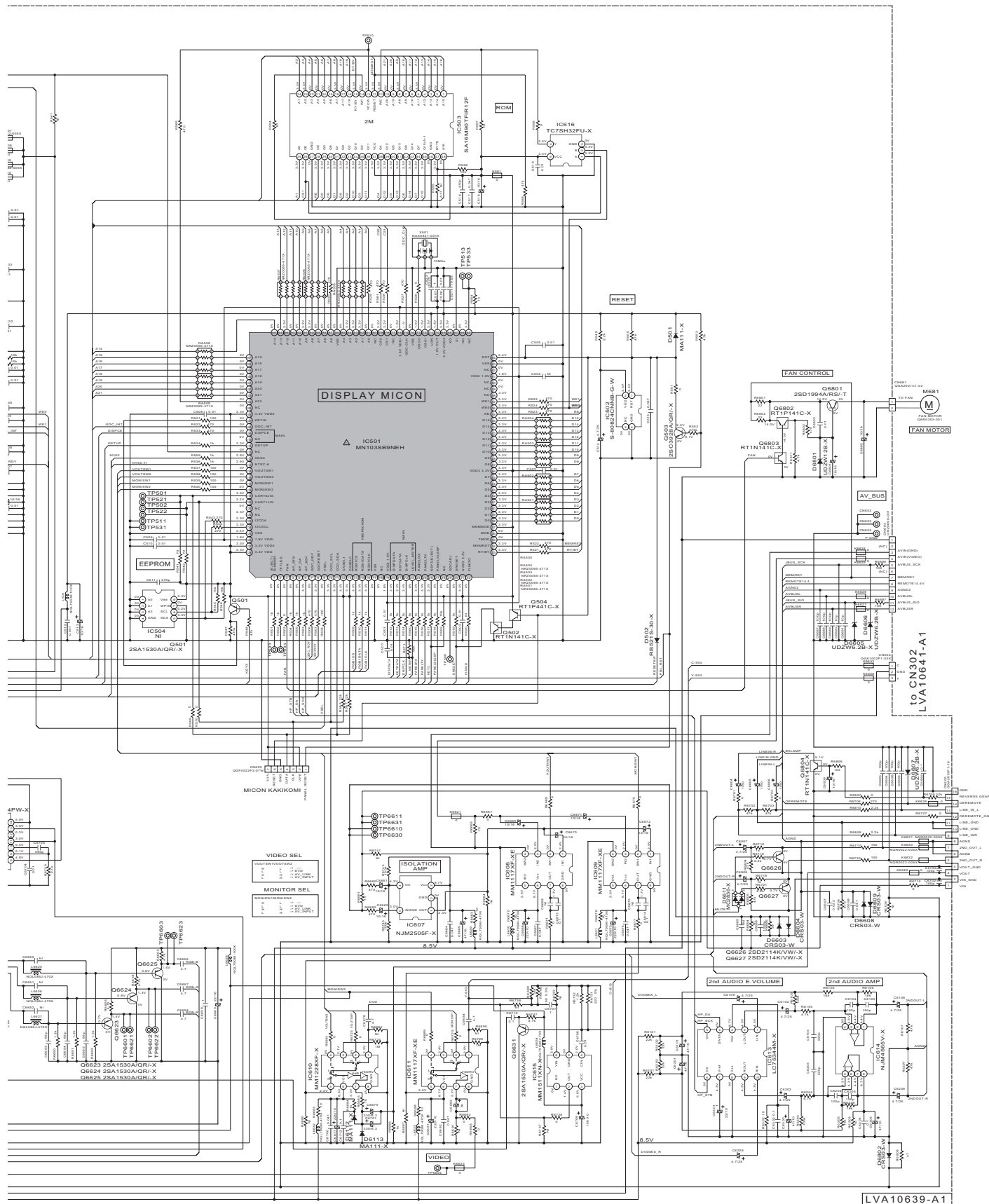


■ Sub section (except KW-AVX701)

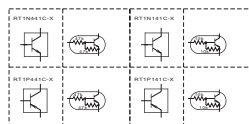


ITEM	DESCRIPTION	AVX100	UTOP	ITEM
1	AVX100-1000	AVX100-1000	AVX100-1000	AVX100-1000
2	AVX100-1000	AVX100-1000	AVX100-1000	AVX100-1000
3	AVX100-1000	AVX100-1000	AVX100-1000	AVX100-1000
4	AVX100-1000	AVX100-1000	AVX100-1000	AVX100-1000
5	AVX100-1000	AVX100-1000	AVX100-1000	AVX100-1000





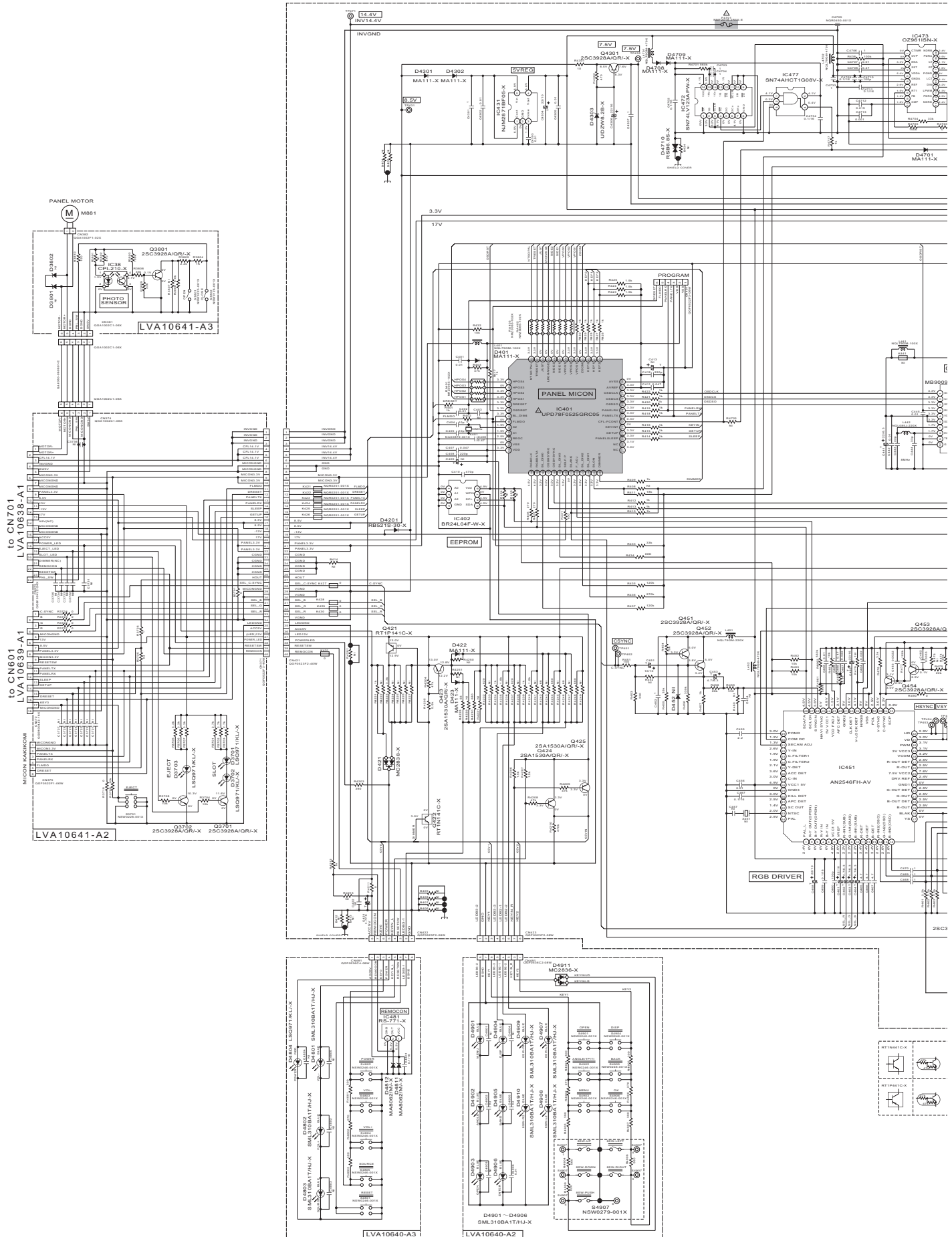
REF	SYM
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100	MINIATURE

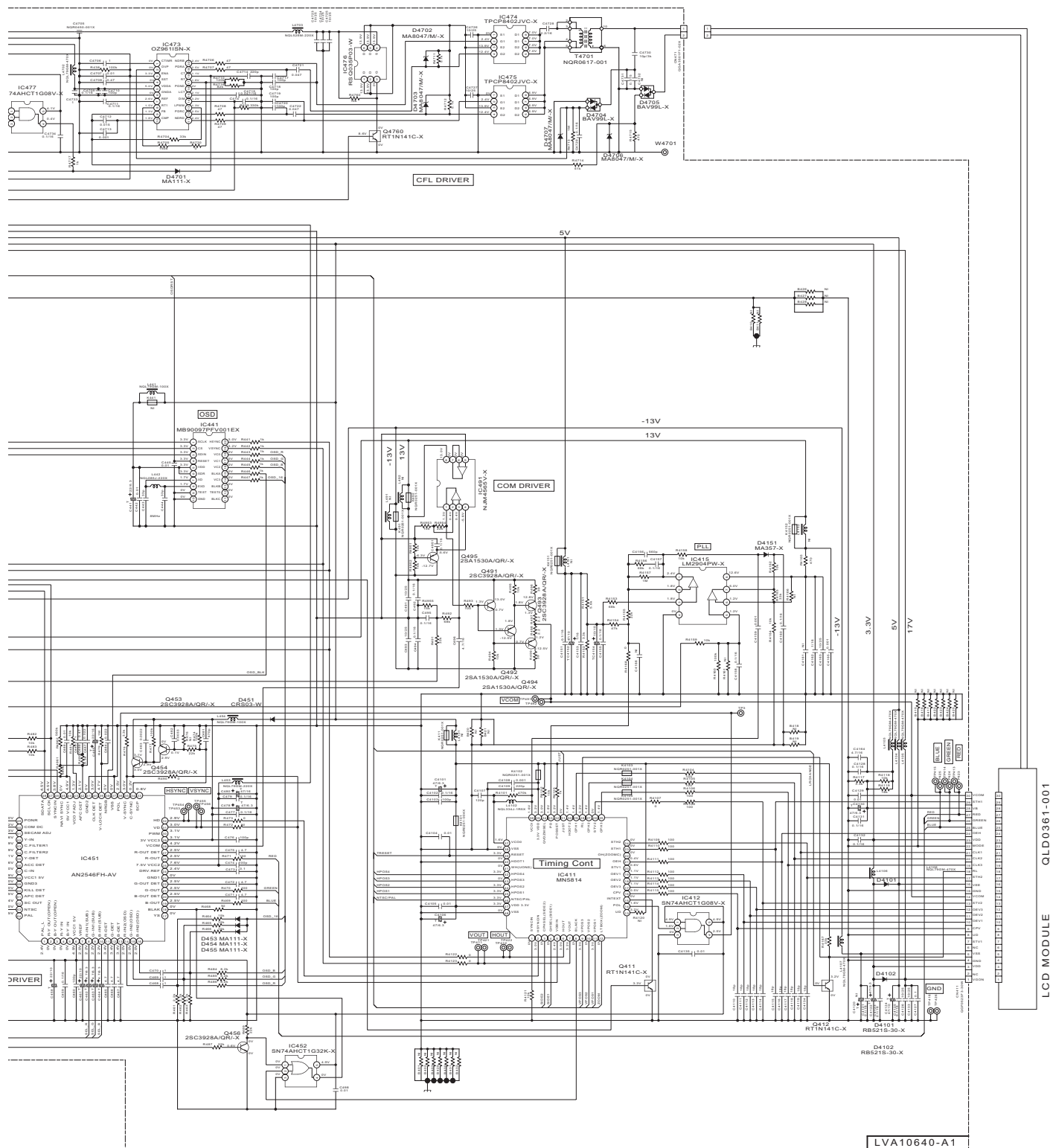


NOTE:
1. VOLTAGES ARE DC MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.
2. UNLESS OTHERWISE SPECIFIED.
3. ALL RESISTORS ARE IN OHMS UNLESS OTHERWISE SPECIFIED.
4. ALL CAPACITORS ARE IN PICO FARADS UNLESS OTHERWISE SPECIFIED.
5. ALL CAPACITANCE VALUES ARE IN MICROFARADS UNLESS OTHERWISE SPECIFIED.
6. ALL CAPACITORS ARE IN OHMS UNLESS OTHERWISE SPECIFIED.
7. ALL CAPACITORS ARE IN OHMS UNLESS OTHERWISE SPECIFIED.
8. ALL CAPACITORS ARE IN OHMS UNLESS OTHERWISE SPECIFIED.
9. ALL CAPACITORS ARE IN OHMS UNLESS OTHERWISE SPECIFIED.
10. ALL CAPACITORS ARE IN OHMS UNLESS OTHERWISE SPECIFIED.

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

■ Panel section (except KW-AVX701)

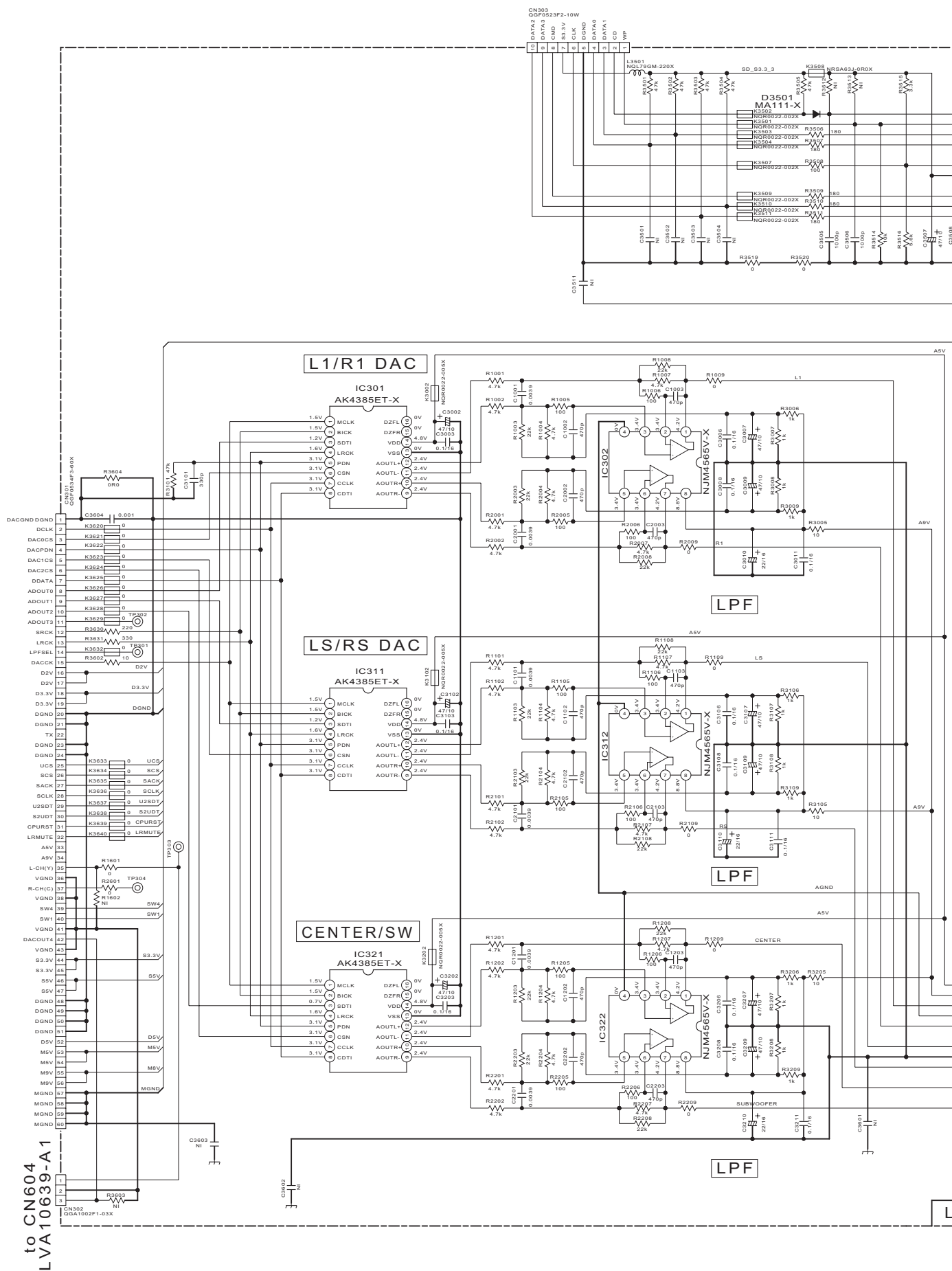




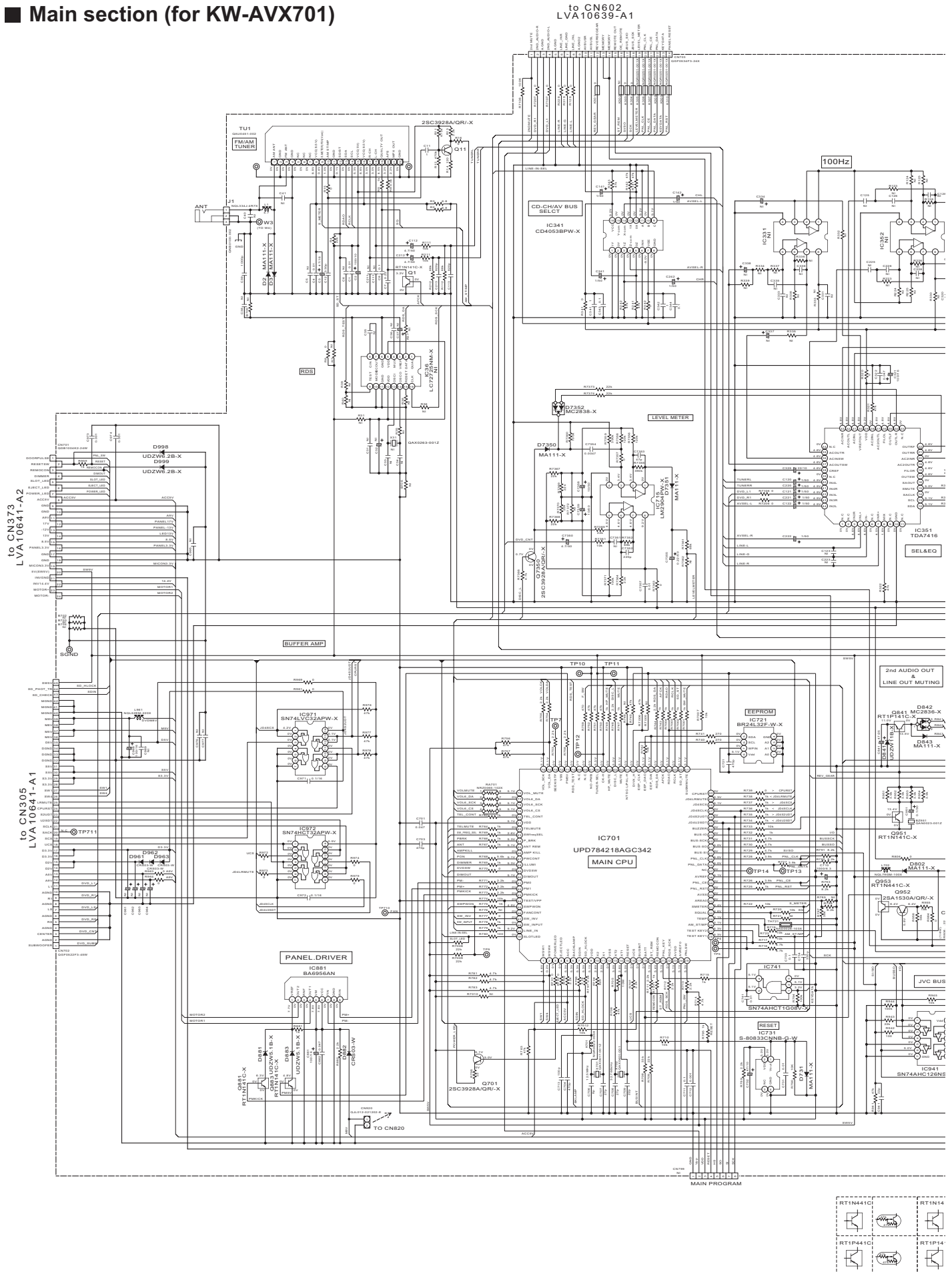
NOTES
 1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.
 2. UNLESS OTHERWISE SPECIFIED.
 3. ALL RESISTORS ARE 1/10W, ±5% METAL GLAZE RESISTOR.
 4. ALL CAPACITORS ARE 10V 20% TANTALUM CAPACITOR.
 5. ALL CAPACITANCE VALUES ARE IN µF (µF).
 6. ALL CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(µF)/RATED VOLTAGE(V).
 7. F = FILM CAPACITOR.
 8. N STANDS FOR NOT MOUNTED PARTS.

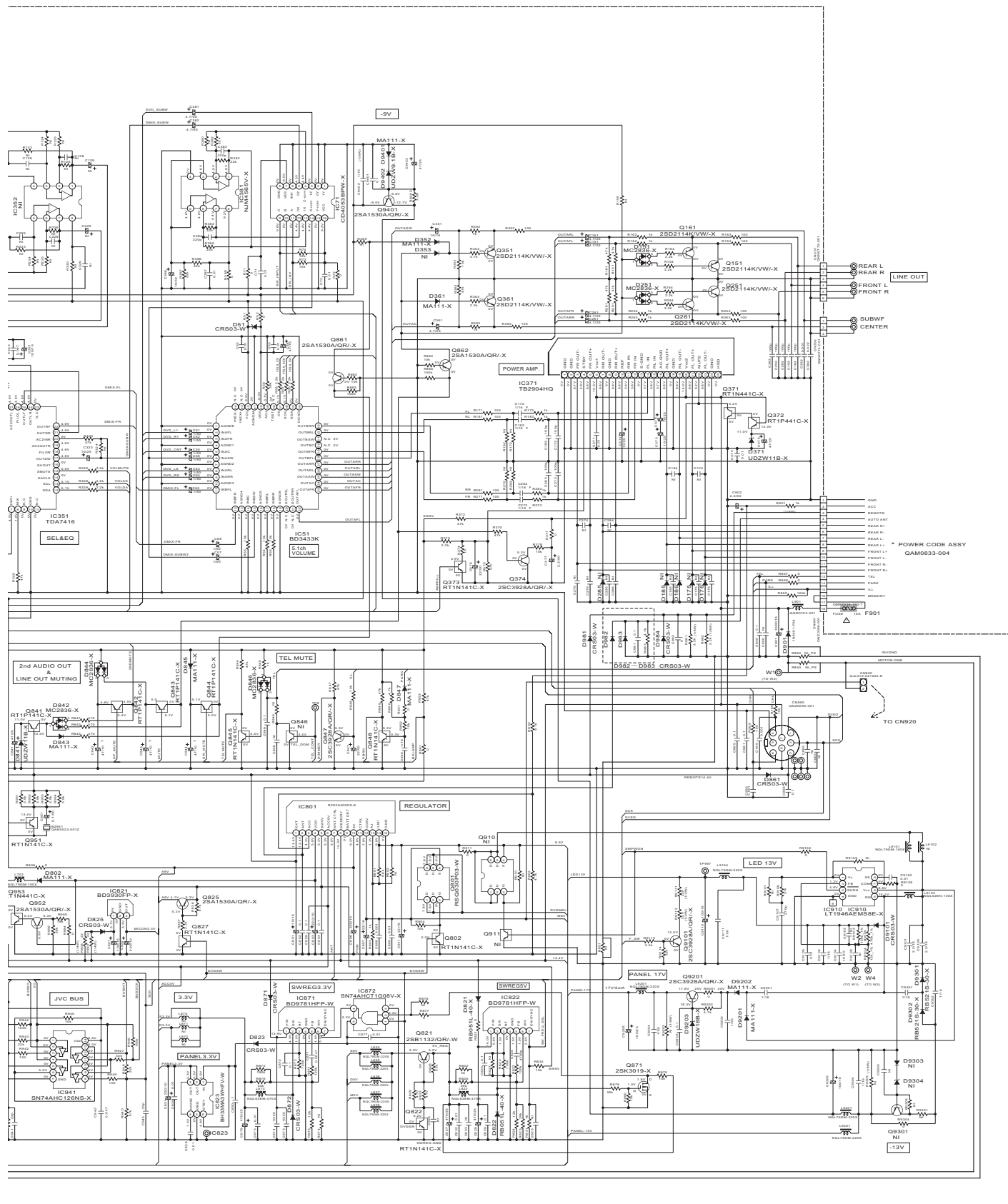
Parts are safety assurance parts.
 When replacing those parts make
 sure to use the specified one.

■ DAC section (except KW-AVX701)



■ Main section (for KW-AVX701)

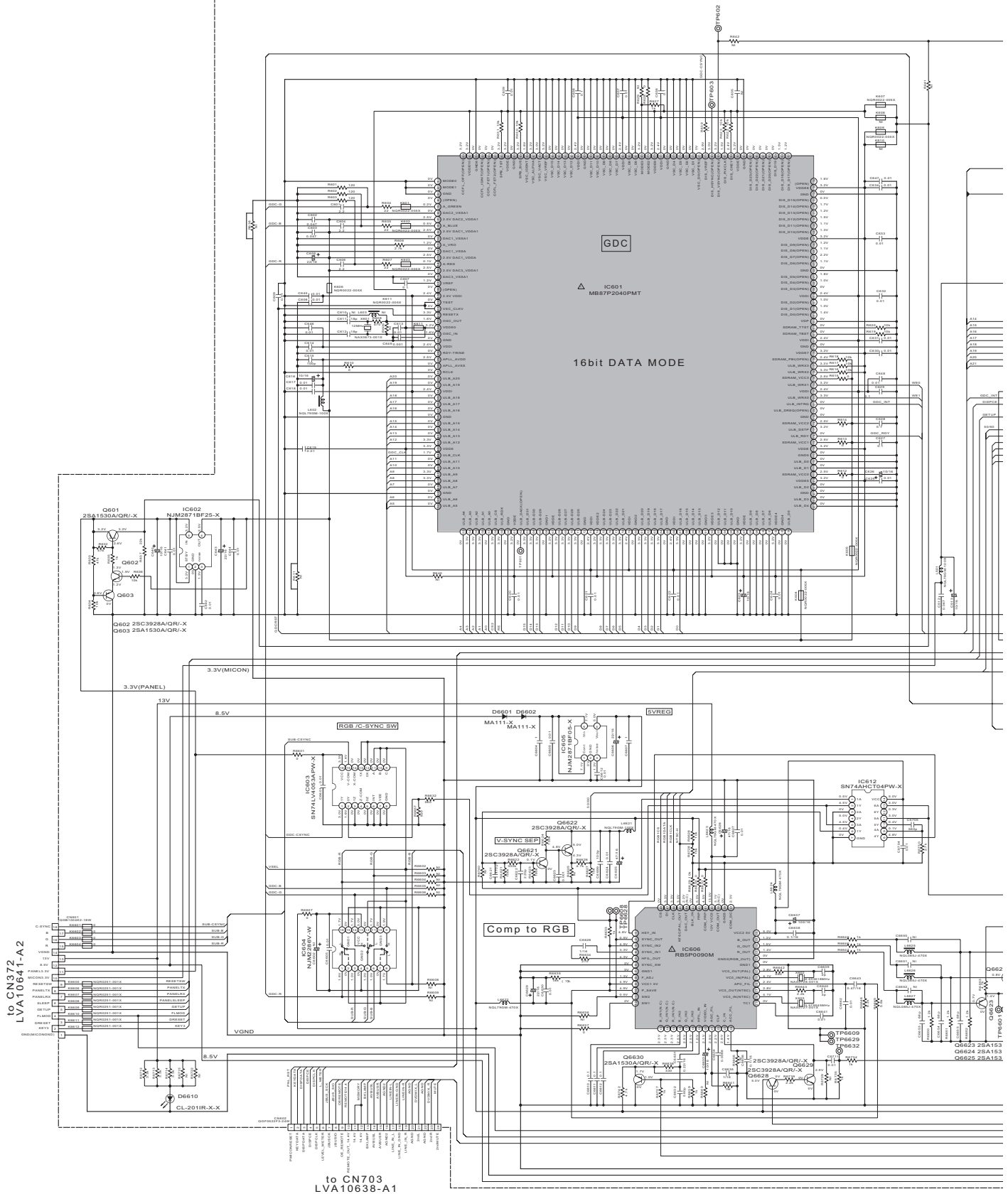


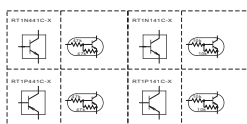
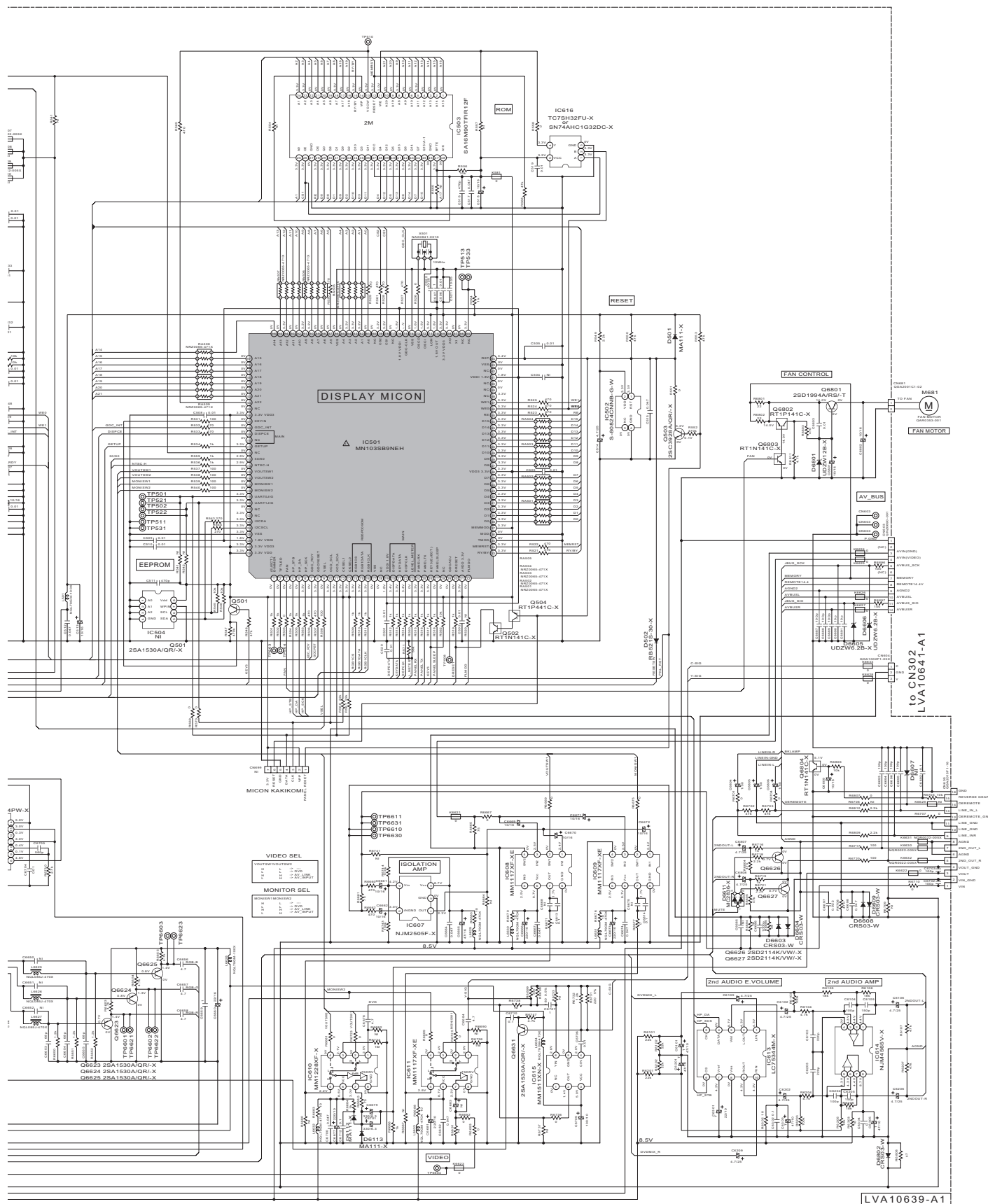


- NOTES
- VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.
CONDITION — 800 MHz
 - UNLESS OTHERWISE SPECIFIED:
ALL RESISTORS ARE 1/10W 4% METAL GLAZE RESISTOR.
ALL CAPACITORS ARE 50V 25V OR 16V CERAMIC CAPACITOR.
ALL RESISTOR VALUES ARE IN OHMS.
ALL CAPACITOR VALUES ARE IN PICO (pF).
ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE/μF (RATED VOLTAGE(V)).
F — FILM CAPACITOR.
P — PANTAL CAPACITOR.
 - NI STANDS FOR NOT MOUNTED PARTS.

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

■ Sub section (for KW-AVX701)

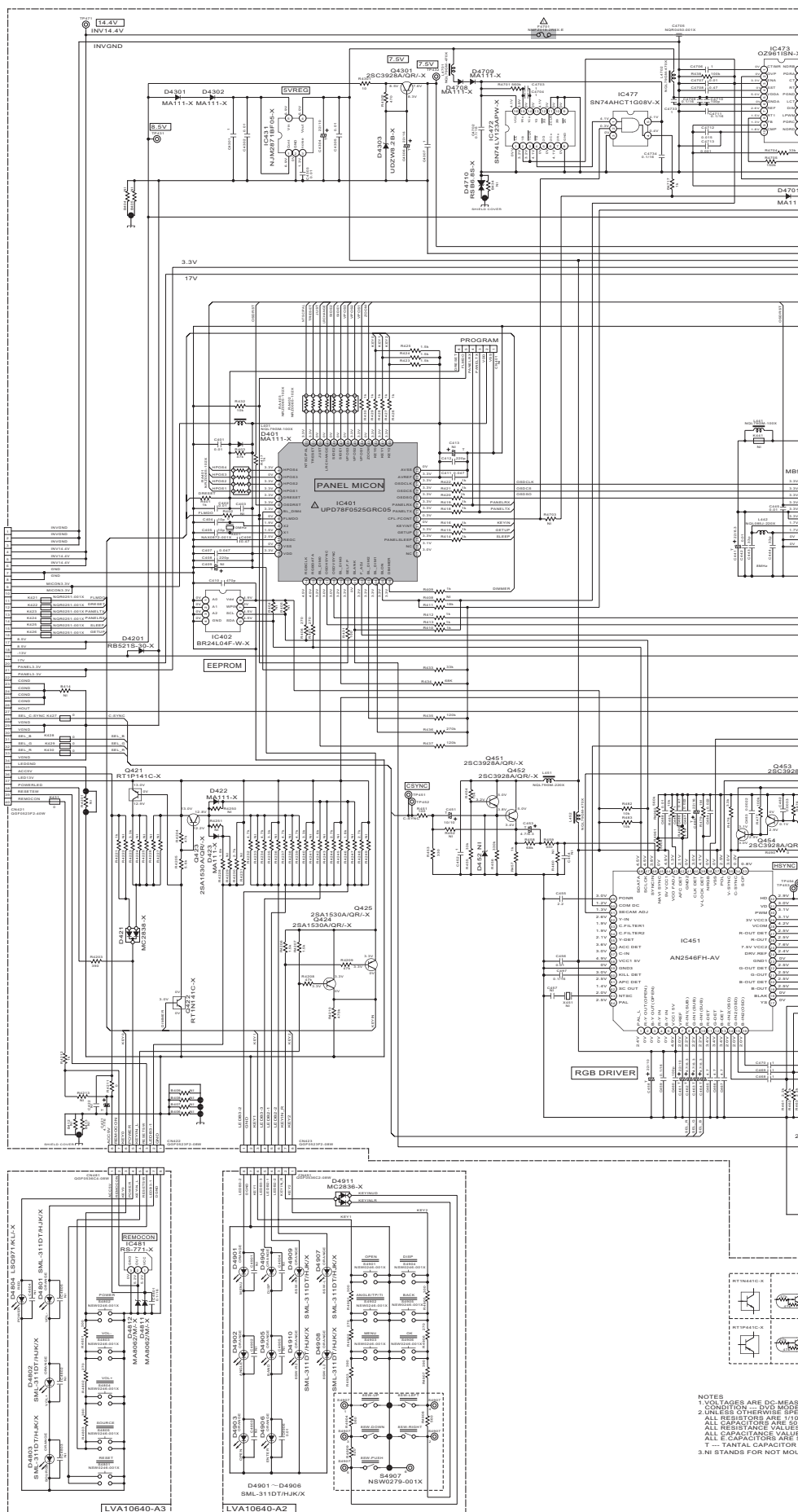
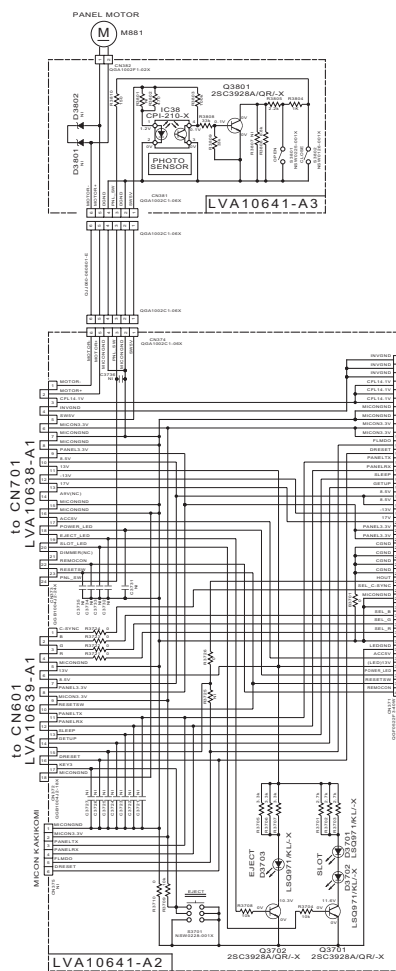




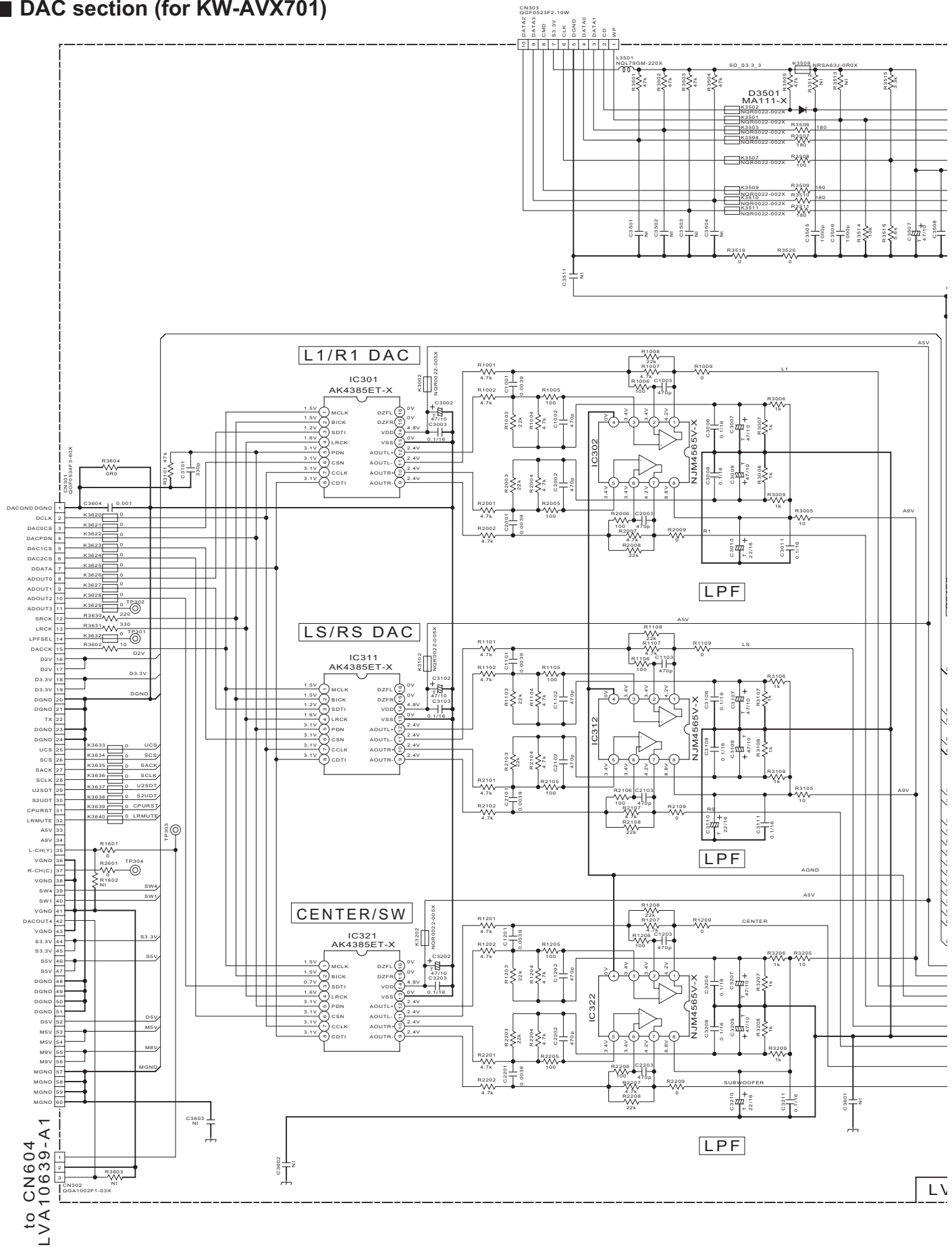
NOTES:
1. VOLTAGES ARE DC MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.
2. CURRENTS ARE MEASURED WITH A DIGITAL AMMETER WITHOUT INPUT SIGNAL.
3. ALL CAPACITORS ARE 50V OR 100V DC VOLTAGE RATED.
4. ALL CAPACITANCE VALUES ARE IN PICOFARADS.
5. ALL CAPACITANCE VALUES ARE IN MICROFARADS.
6. ALL CAPACITANCE VALUES ARE IN FARADS.
7. T - TANTALUM CAPACITOR.
8. S - SILICON DIODE.
9. M - MOTOR.

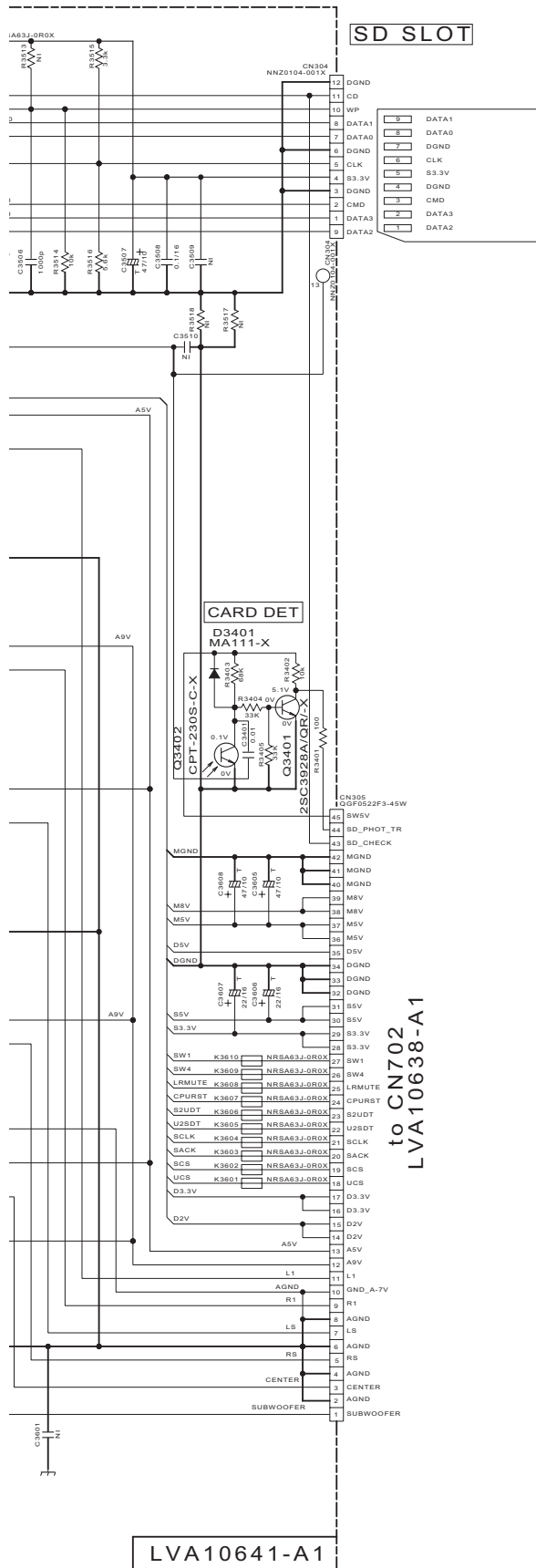
▲ Parts are safety assurance parts.
When replacing those parts make
sure to use the specified one.

■ Panel section (for KW-AVX701)



■ DAC section (for KW-AVX701)





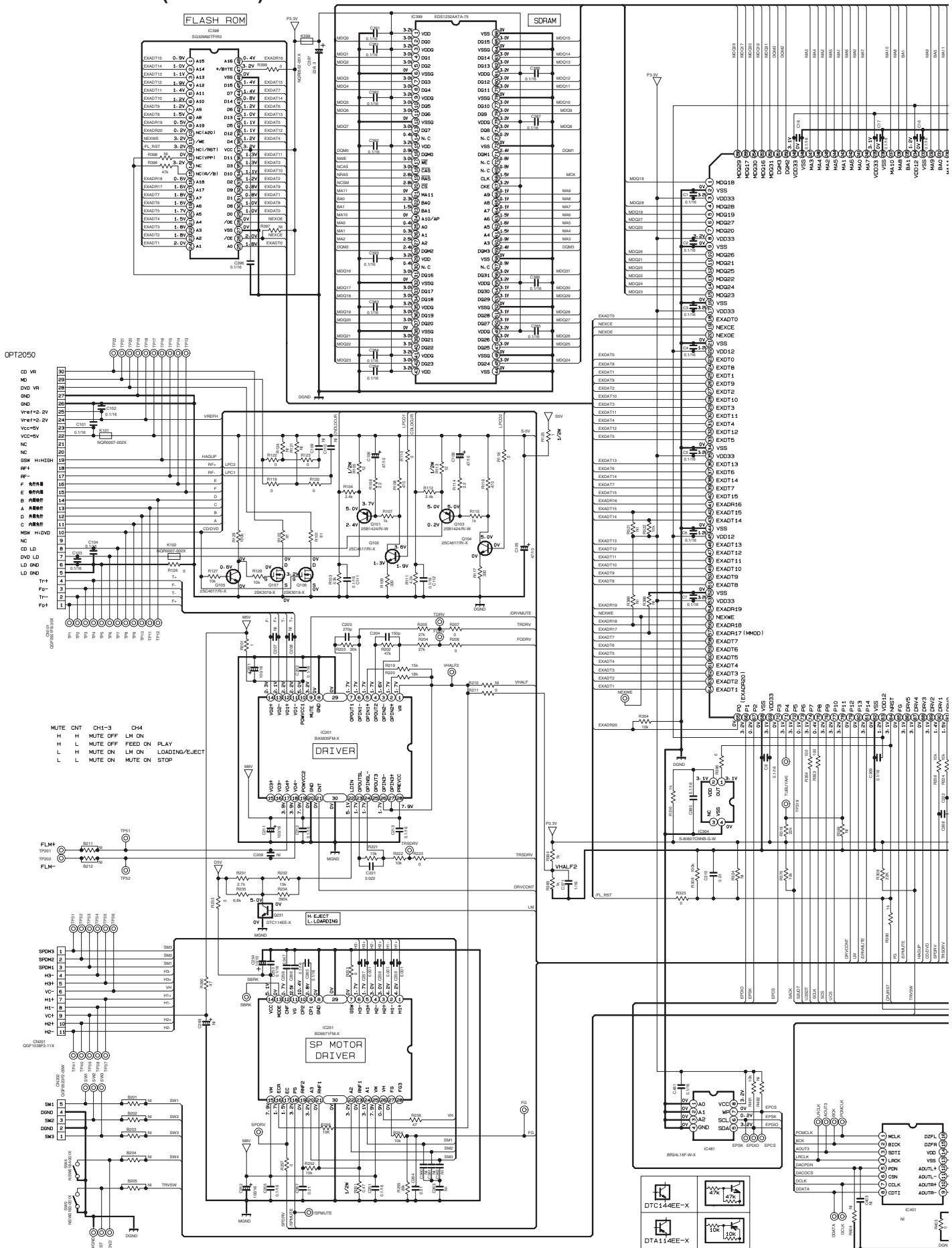
NOTES

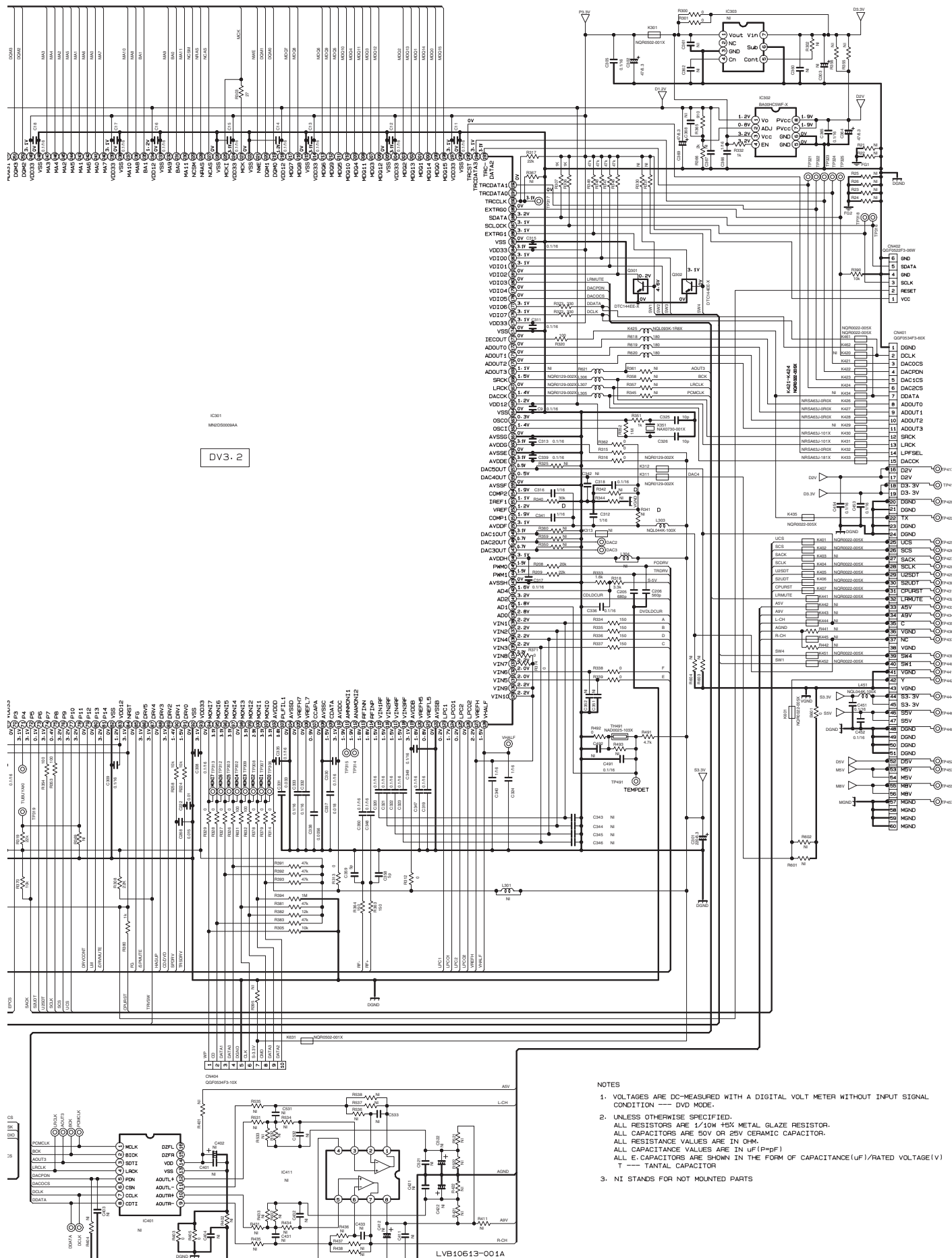
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.
CONDITION --- DVD MODE

2. UNLESS OTHERWISE SPECIFIED:
ALL RESISTORS ARE 1/10W ±5% METAL GRAZE RESISTOR.
ALL CAPACITORS ARE 50V, 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).
T --- TANTALUM CAPACITOR.

3. NI STANDS FOR NOT MOUNTED PARTS.

■ DVD section (common)

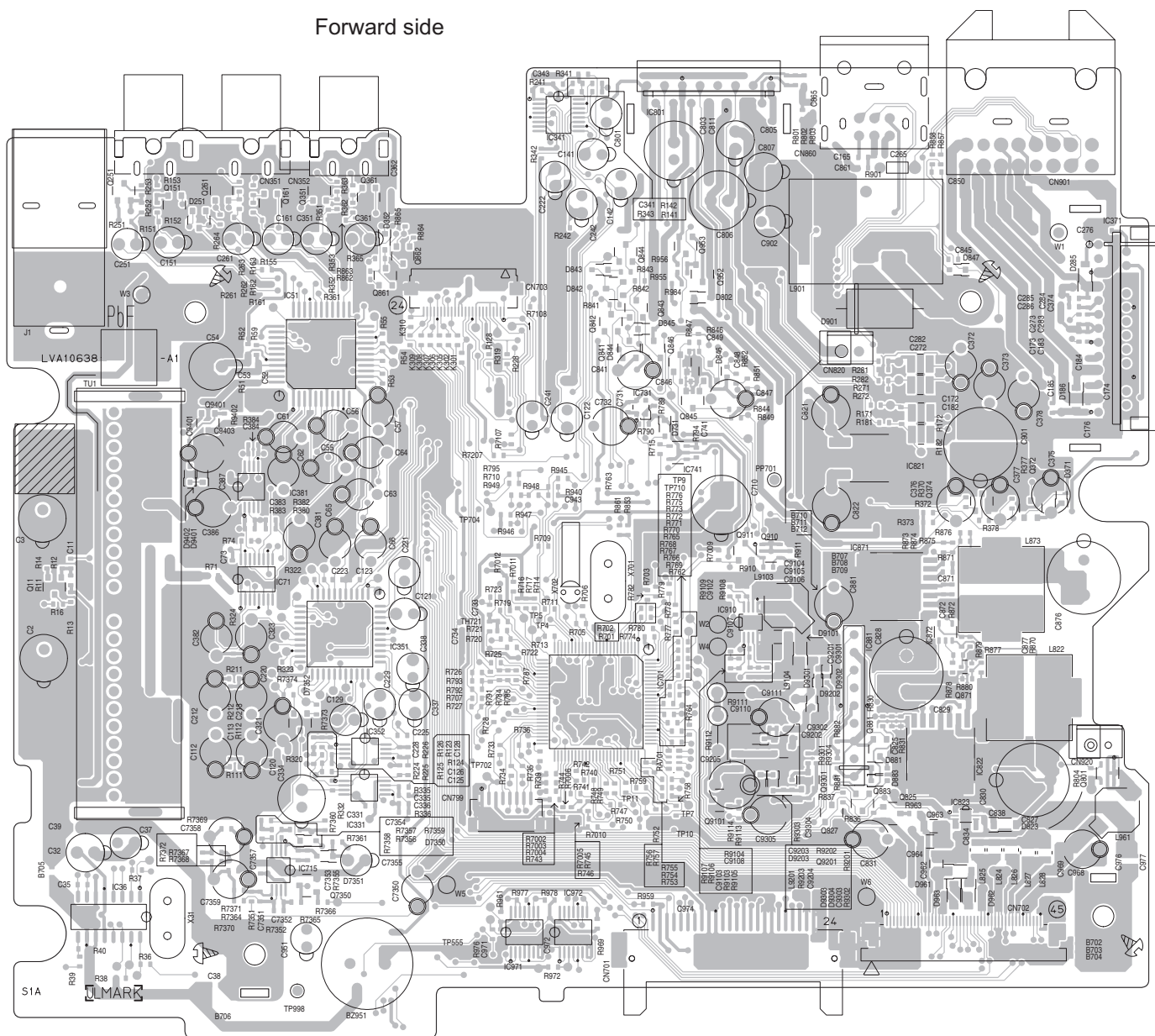




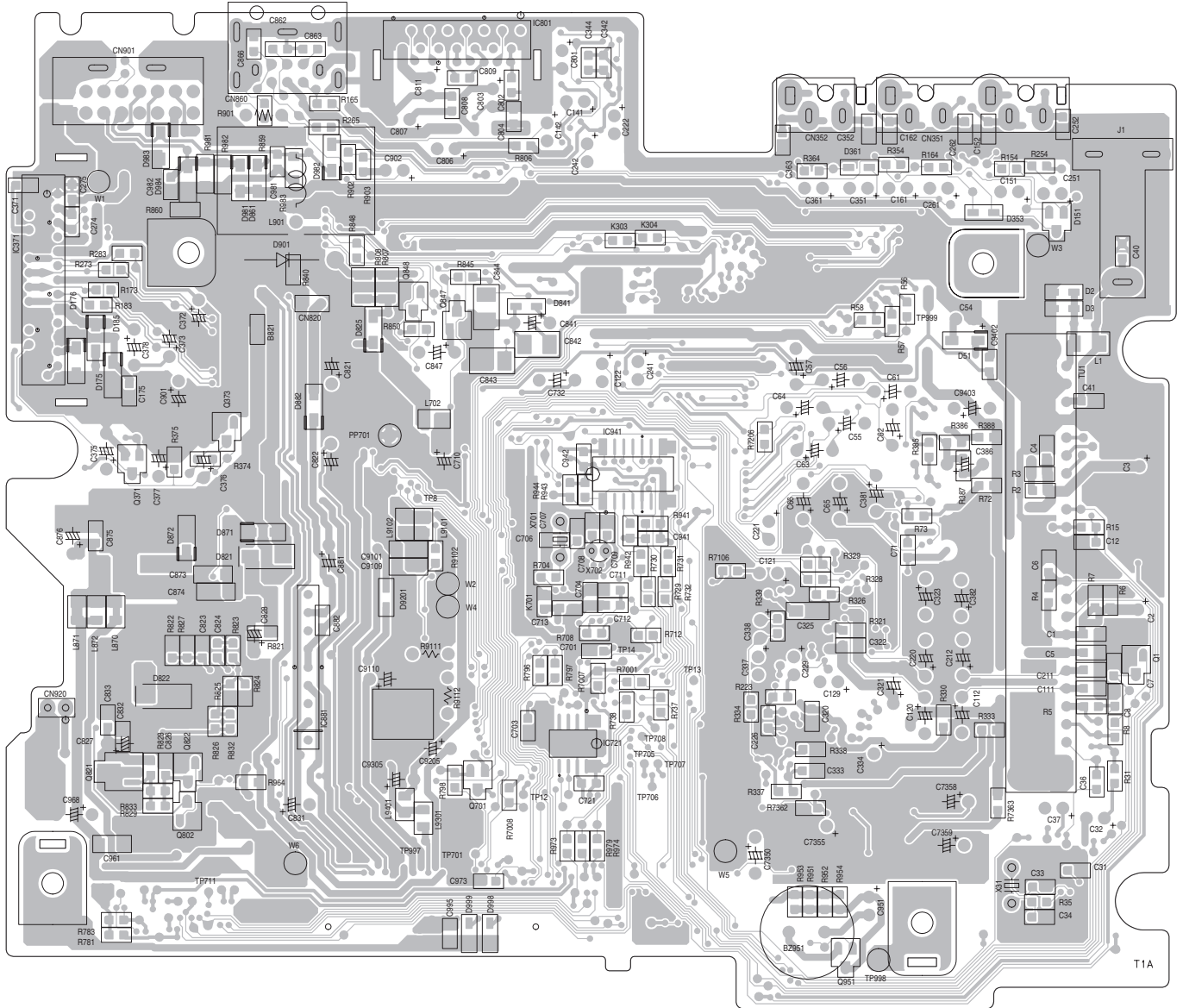
Printed circuit boards

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

Forward side



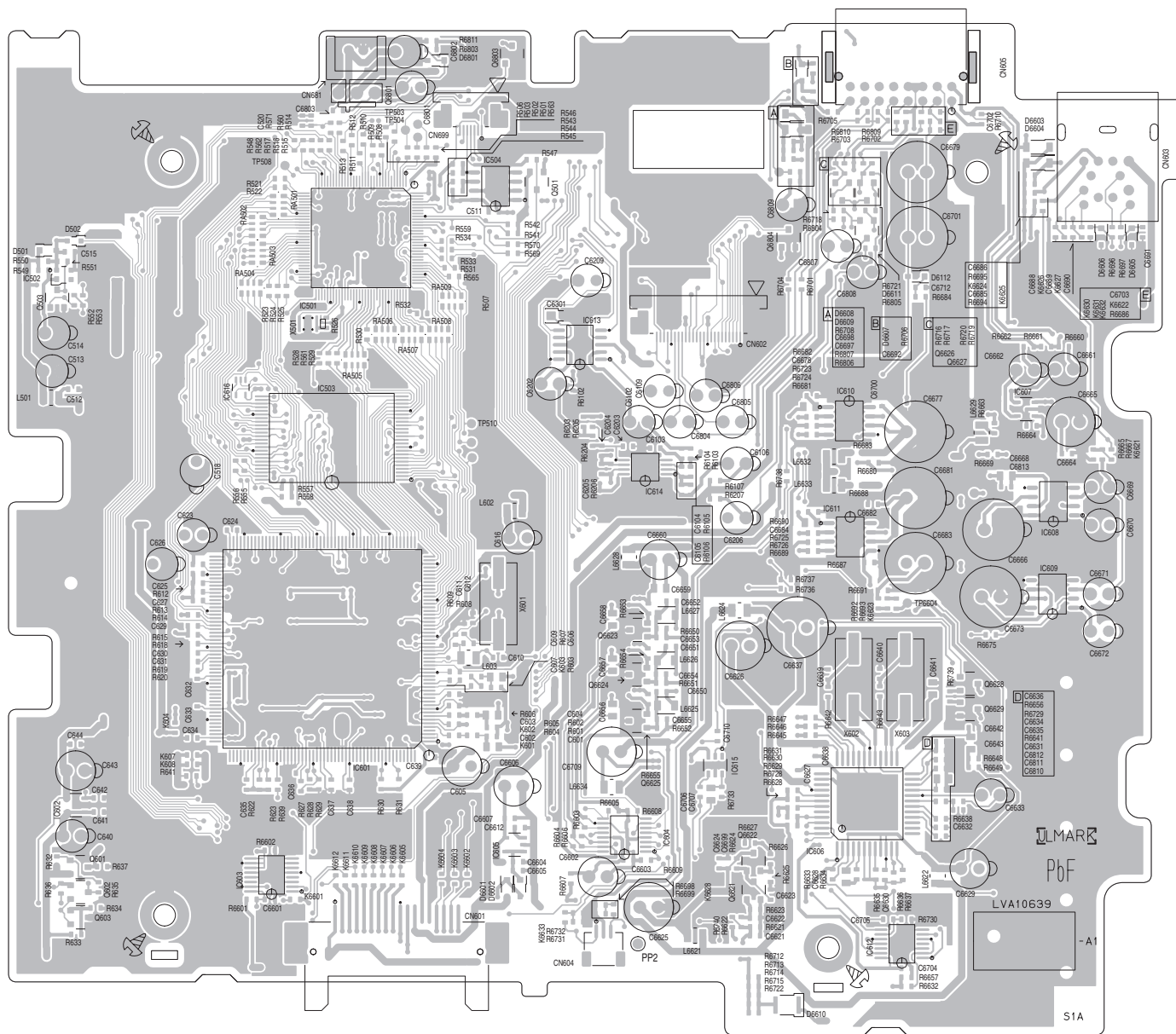
Reverse side



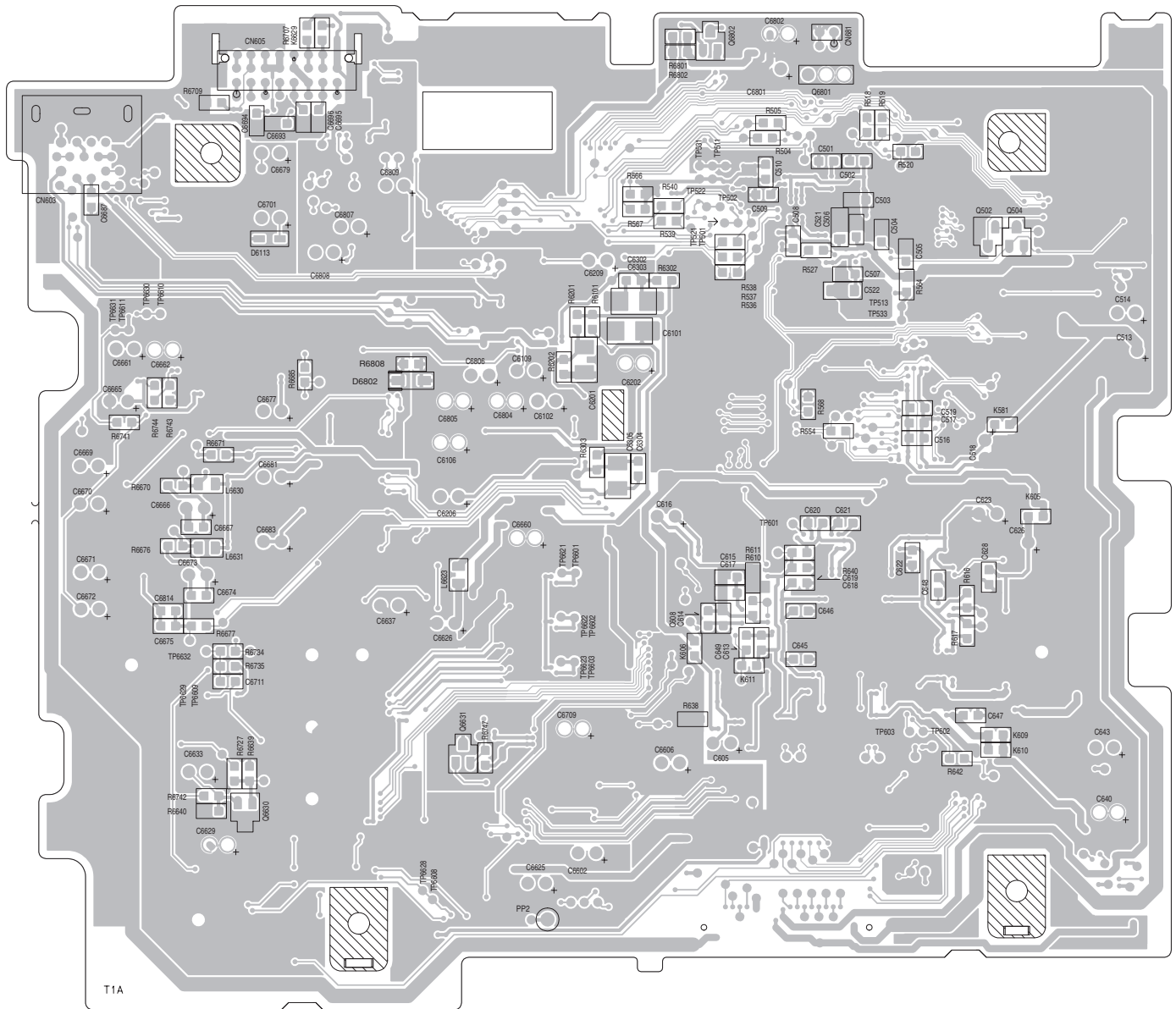
Sub board

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

Forward side

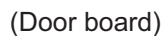


Reverse side



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

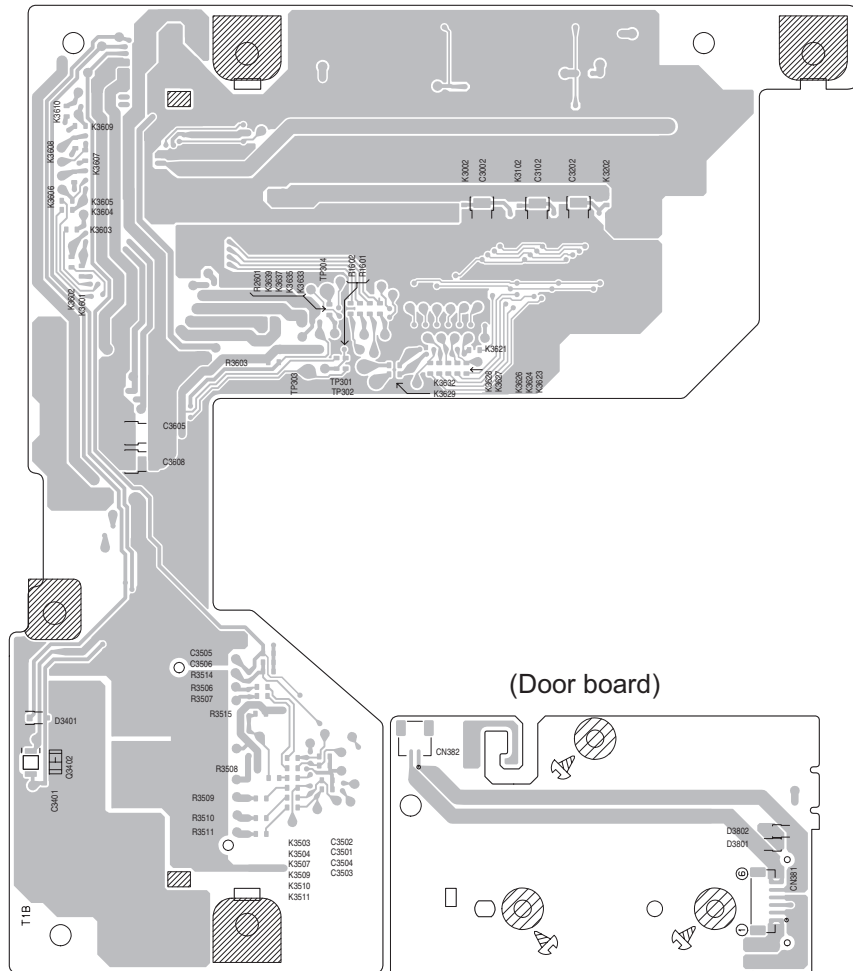
(Panel connect board)



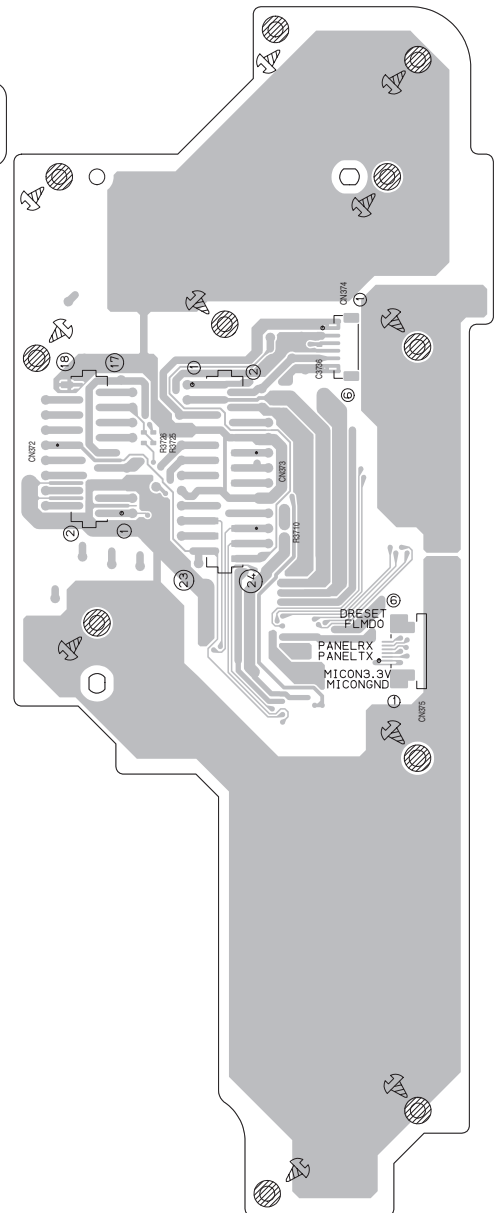
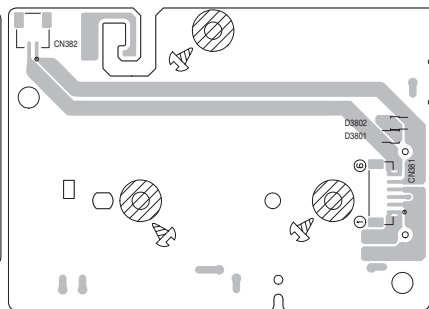
Reverse side

(Panel connect board)

(Connection board)



(Door board)



■ Panel board

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

(Switch board 1)



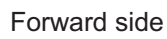
(Switch board 2)

(Switch board 1)



(Switch board 2)

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





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