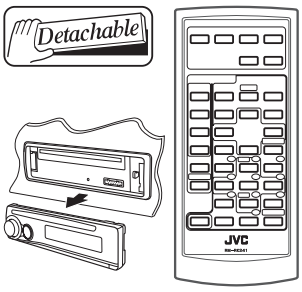
JVC

SCHEMATIC DIAGRAMS

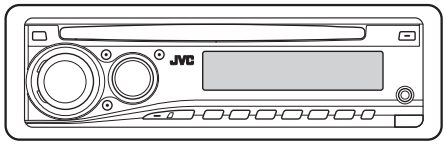
DVD/CD RECEIVER

KD-ADV5380J,KD-DV5300J,KD-DV5301E
KD-DV5301EU,KD-DV5302E,KD-DV5302EU
KD-DV5304UI,KD-DV5305U,KD-DV5305UN
KD-DV5305UT,KD-DV5305A,KD-DV5306U
KD-DV5306UN,KD-DV5306UT,KD-DV5306A
KD-DV5307EE,KD-DV5308EE,KD-DV5388UF
KD-DV4304UI,KD-DV4305U,KD-DV4305UN
KD-DV4305UT,KD-DV4305A,KD-DV4306U
KD-DV4306UN,KD-DV4306UT,KD-DV4306A
KD-DV4388UF,KD-DVH426UN

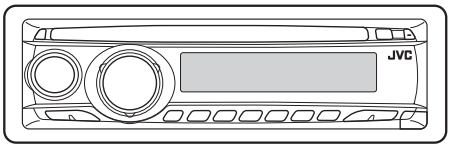
CD-ROM No.SML200703



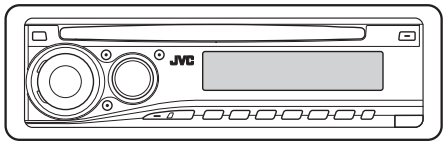
KD-ADV5380/KD-DV5300/KD-DV5306
KD-DV5305/KD-DV5304/KD-DV5303



KD-DVH426



KD-DV5308/KD-DV5307/KD-DV5302
KD-DV5301/KD-DV4306/KD-DV5305
KD-DV4304/KD-DV4303



DivX
DivX ULTRA
COMPACT disc DIGITAL VIDEO
WMA
DVD VIDEO
MP3
DOLBY DIGITAL
WAV
except KD-DVH426
dts Digital Out
Amplifier Power Standard CEA-2006 Compliant
SAT RADIO READY
only for KD-ADV5380 KD-DV5300
R·D·S
only for KD-DV5308 KD-DV5307 KD-DV5302 KD-DV5301

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)
Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade)

Contents

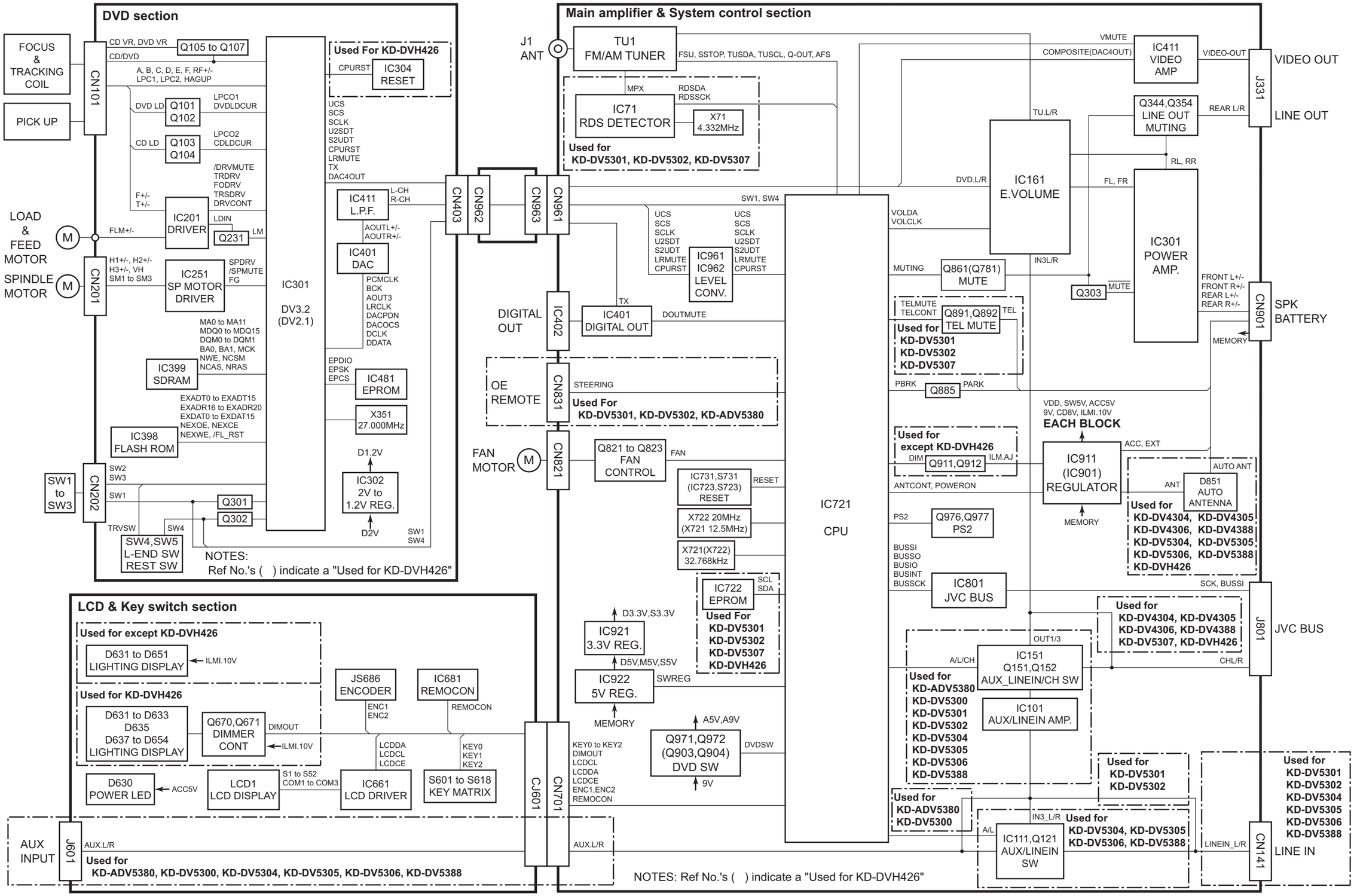
No.MA308SCH
2007/3

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 preforming repair of this system.**

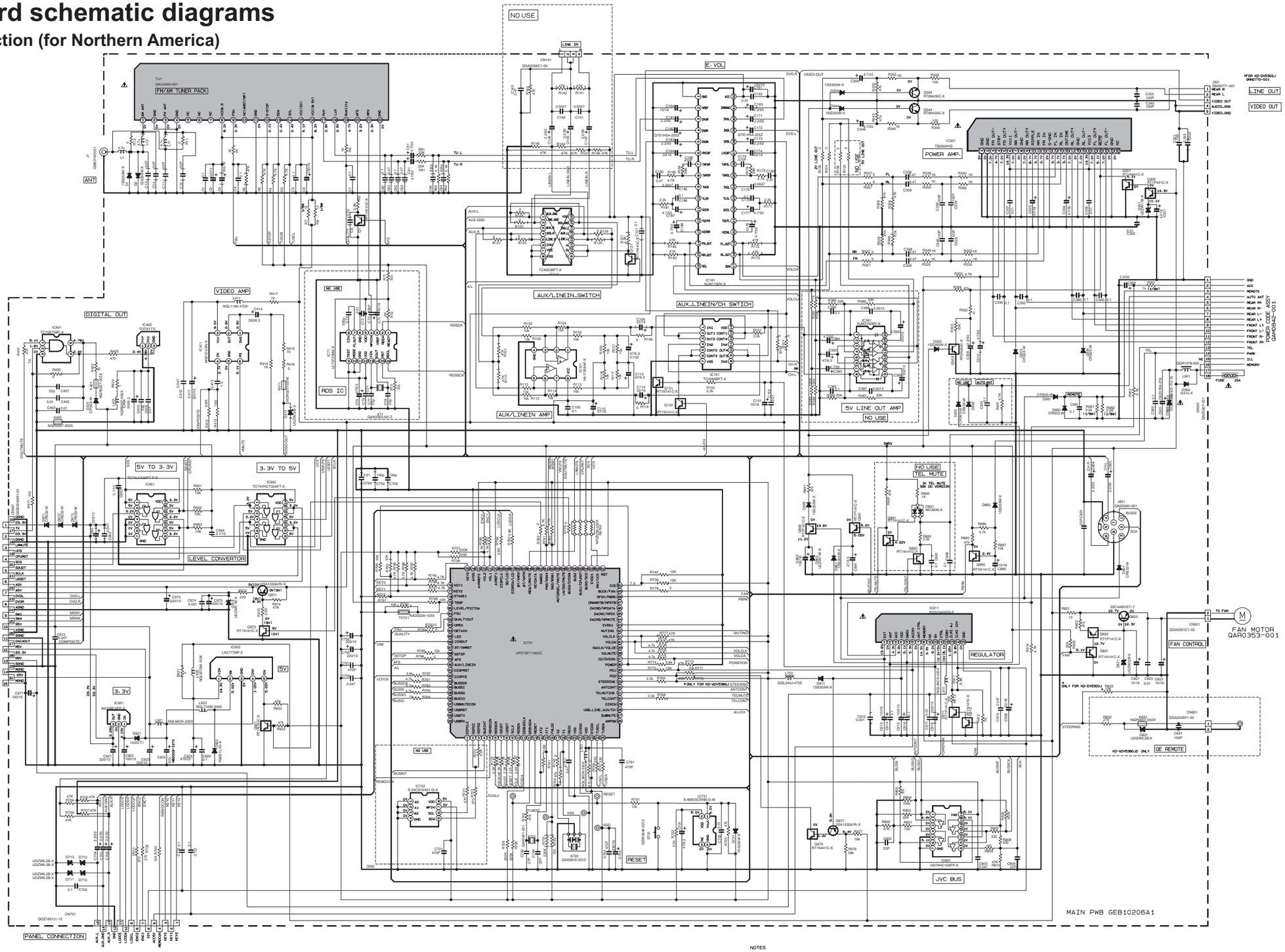
⚠ ***CAUTION*** **Please use enough caution not to see the beam directly or touch it in case of an adjustment or operation check.**

Block diagram



Standard schematic diagrams

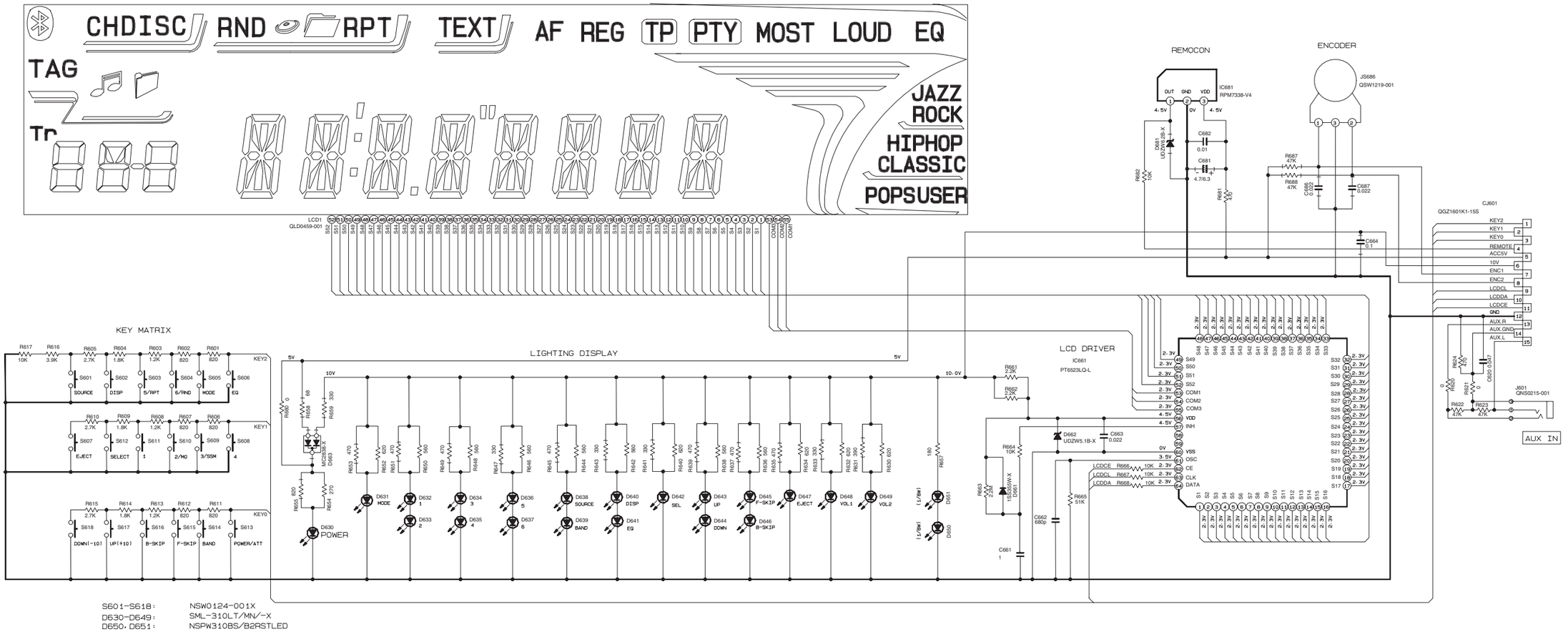
■ Main section (for Northern America)



NOTES
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL
   CONDITION ——— DVD MODE:( ) FM MODE:▭ AM MODE:(( )) CH MODE:___USB MODE
2. UNLESS OTHERWISE SPECIFIED.
   ALL RESISTORS 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)
   F ——— FILM CAPACITOR
3. NI STANDS FOR NOT MOUNTED PARTS

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

■ LCD and Key control section (for Northern America)



S601–S618: NSW0124-001X
D630–D649: SML-310LT/MN/-X
D650, D651: NSPW310BS/B2RSTLED

NOTES

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

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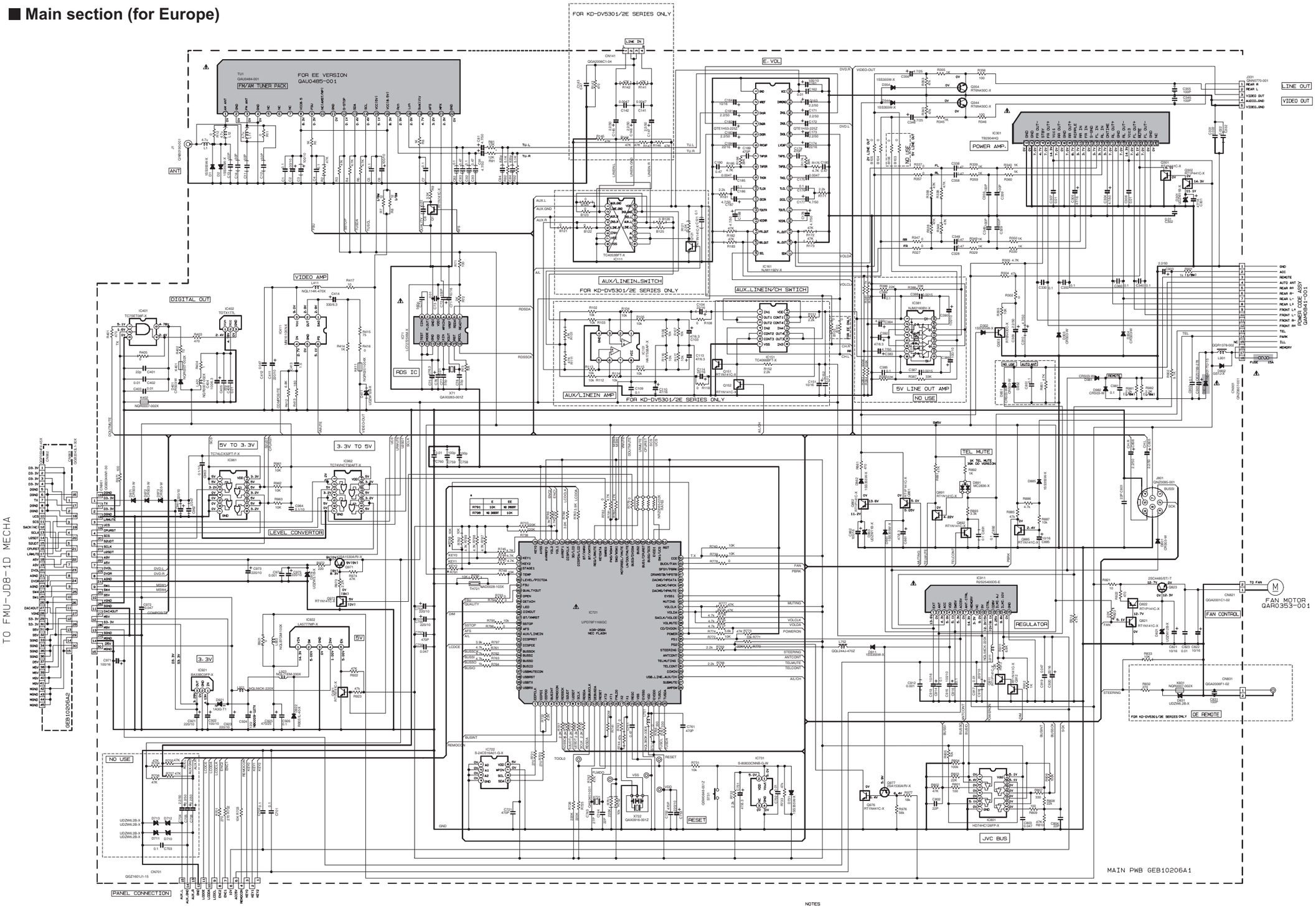
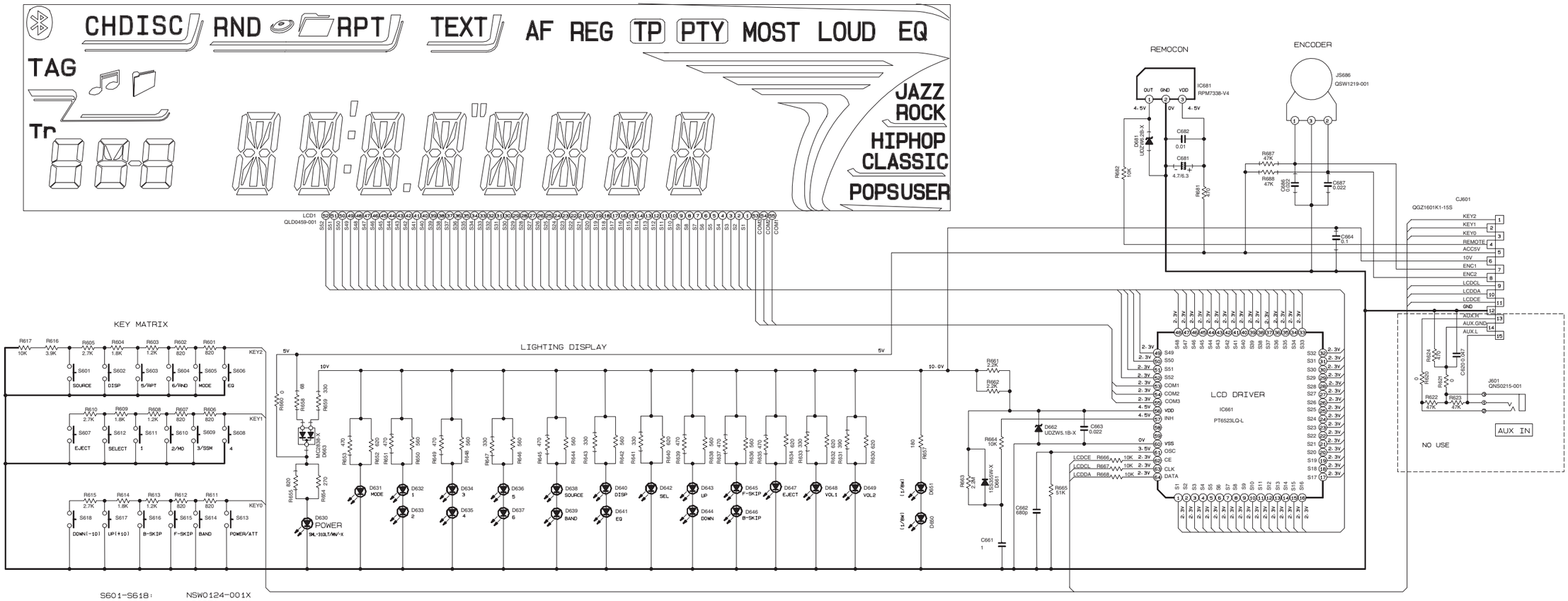
   ALL E.CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(uF)/RATED VOLTAGE(V)
   T --- TANTALUM CAPACITOR.

3. COMPONENTS IN ( ) INDICATE NOT USE.

■ Main section (for Europe)



■ LCD and Key control section (for Europe)



S601-S618: NSW0124-001X
D631-D649: LSQ971/KL/-X
D650, D651: NSPW310BS/B2RSTLED

NOTES

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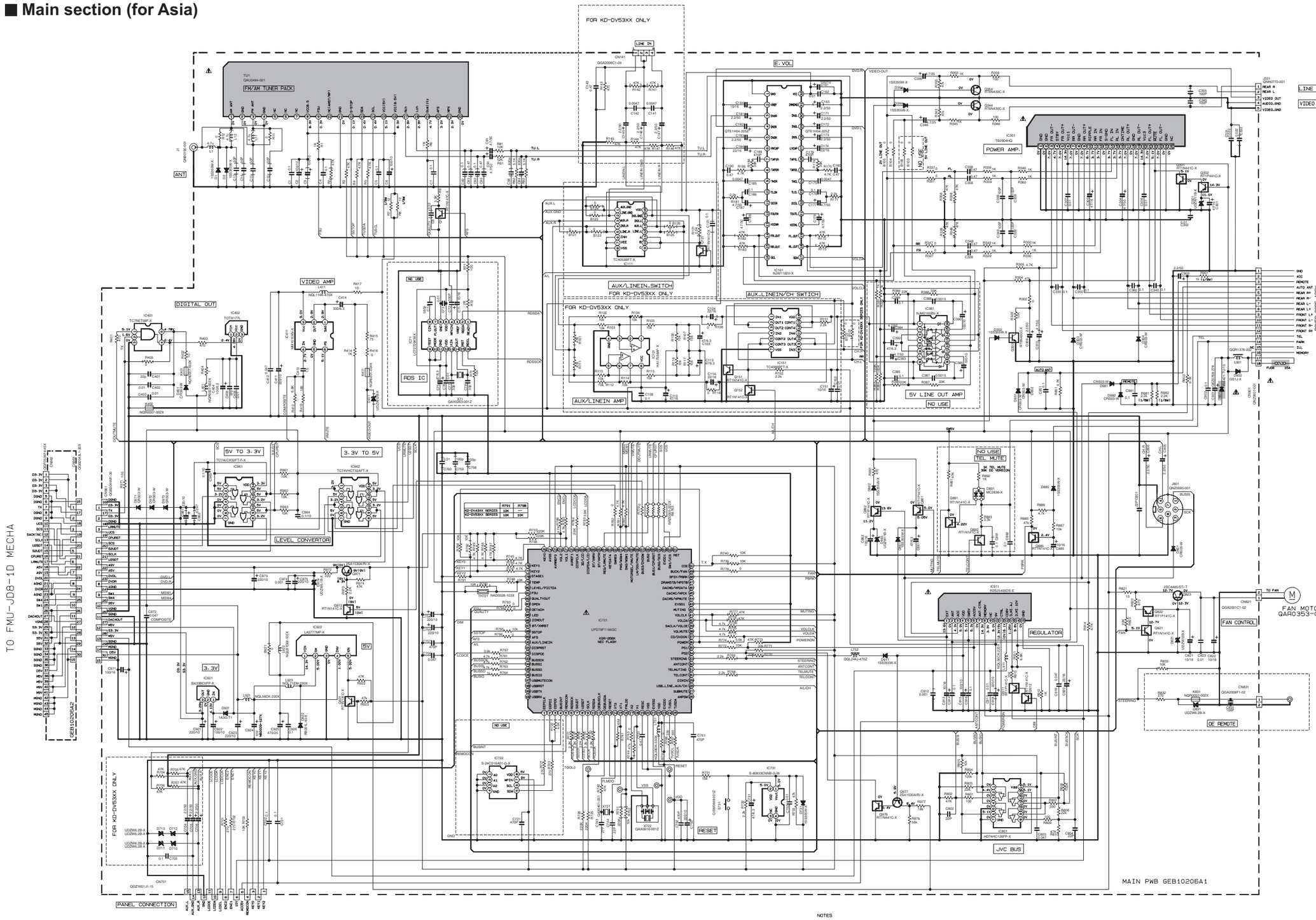
   T --- TANTALUM CAPACITOR.

3. COMPONENTS IN ( ) INDICATE NOT USE.

■ Main section (for Asia)



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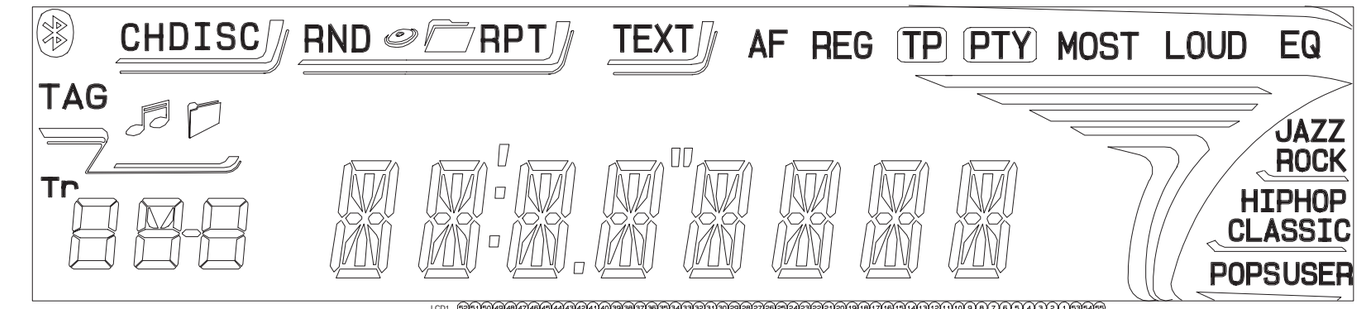
3. NI STANDS FOR NOT MOUNTED PARTS

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

■ LCD and Key control section (for Asia)



S601–S618: NSW0124-001X
D630–D649: SML-310LT/MN/-X
D650, D651: NSPW310BS/B2RSTLED

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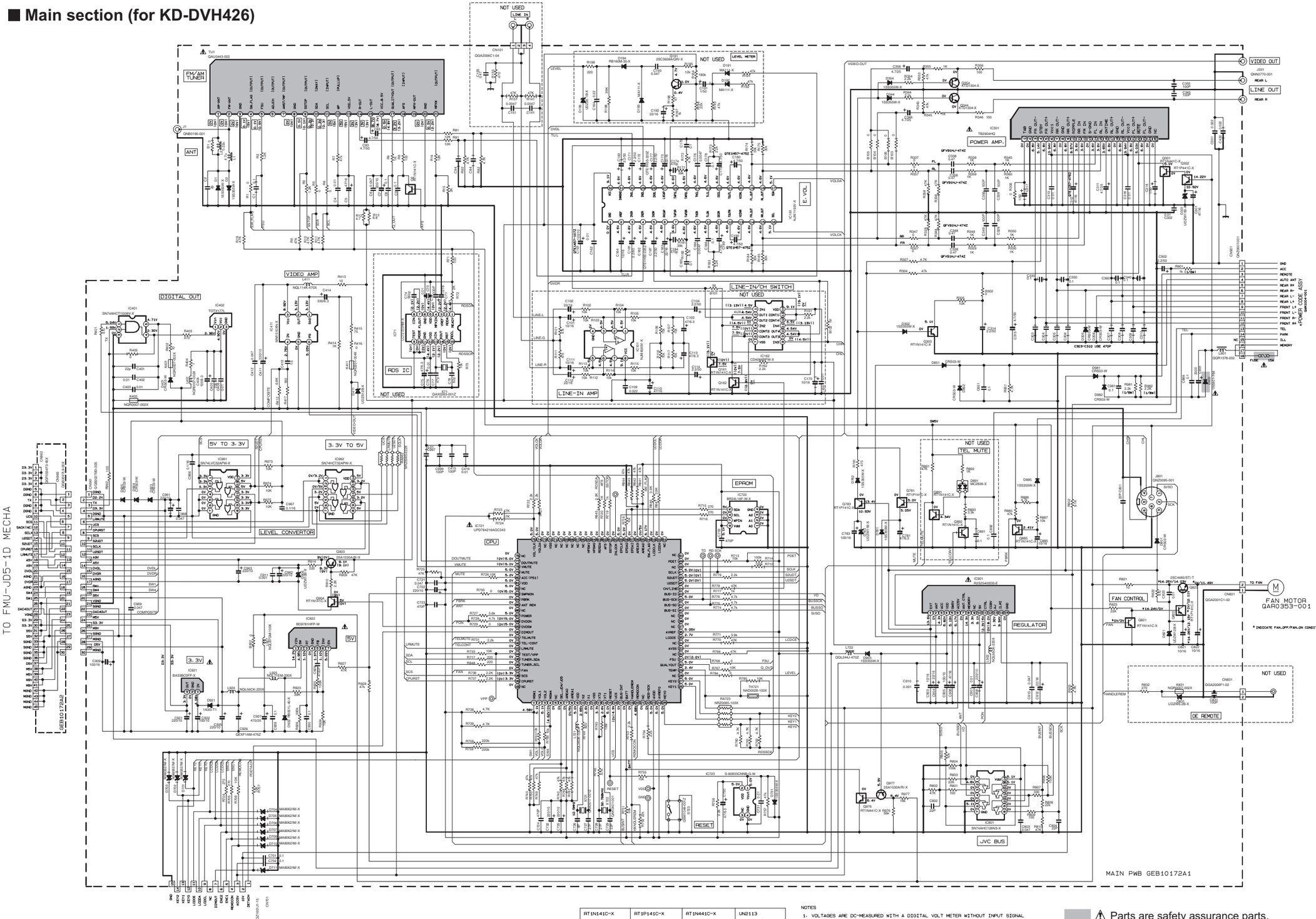
   T --- TANTALUM CAPACITOR.

3. COMPONENTS IN ( ) INDICATE NOT USE.

■ Main section (for KD-DVH426)



RT1N141C-X	RT1P141C-X	RT1N441C-X	UN2113

NOTES
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL
   CONDITION ~~~ DVD MODE.( ) FM MODE.▭ AM MODE.(( )) CH MODE.___USB MODE
2. UNLESS OTHERWISE SPECIFIED.
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   F ~~~ FILM CAPACITOR
3. NI STANDS FOR NOT MOUNTED PARTS

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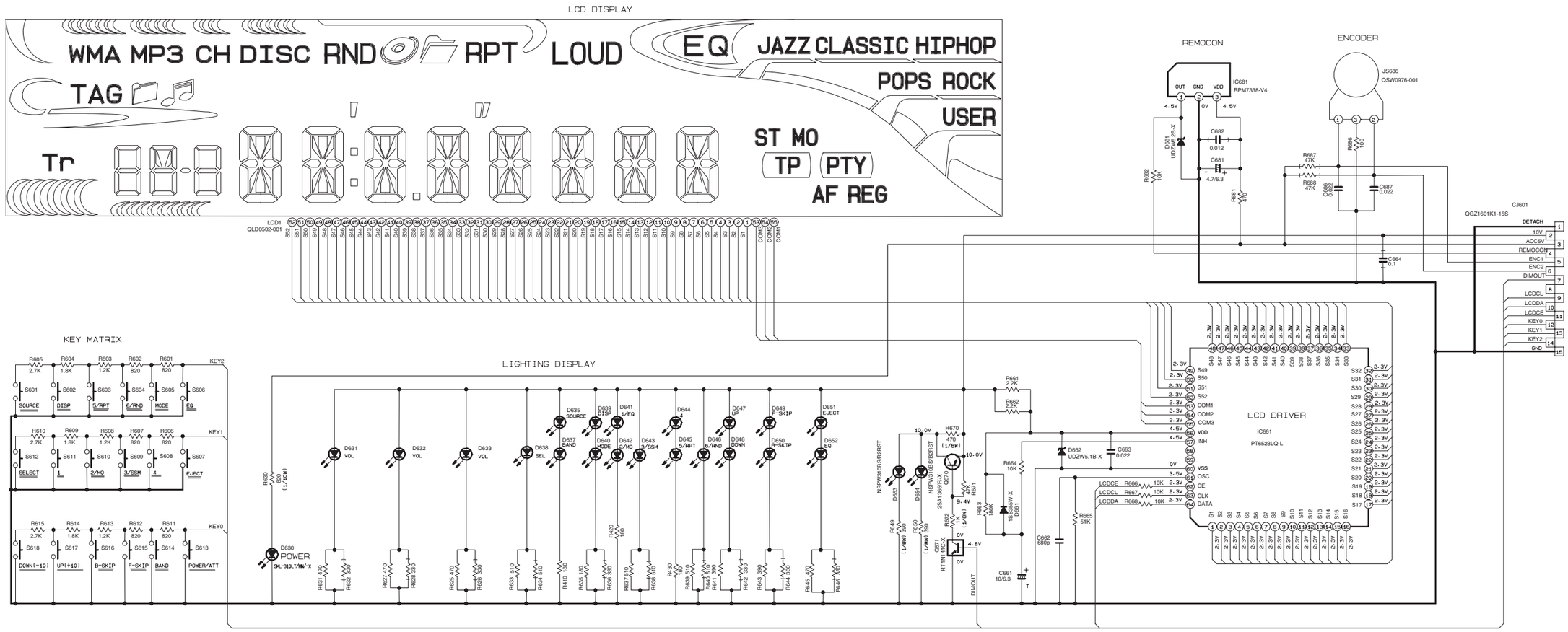
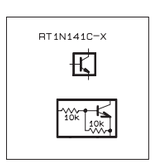
■ LCD and Key control section (for KD-DVH426)



S601-S618 : NSW0124-001X

D631-D633 : SML310BA1T/HJ-X
D635, D637-D650

D651-D652 : SML-310VT/JK/-X



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   T --- TANTALUM CAPACITOR.

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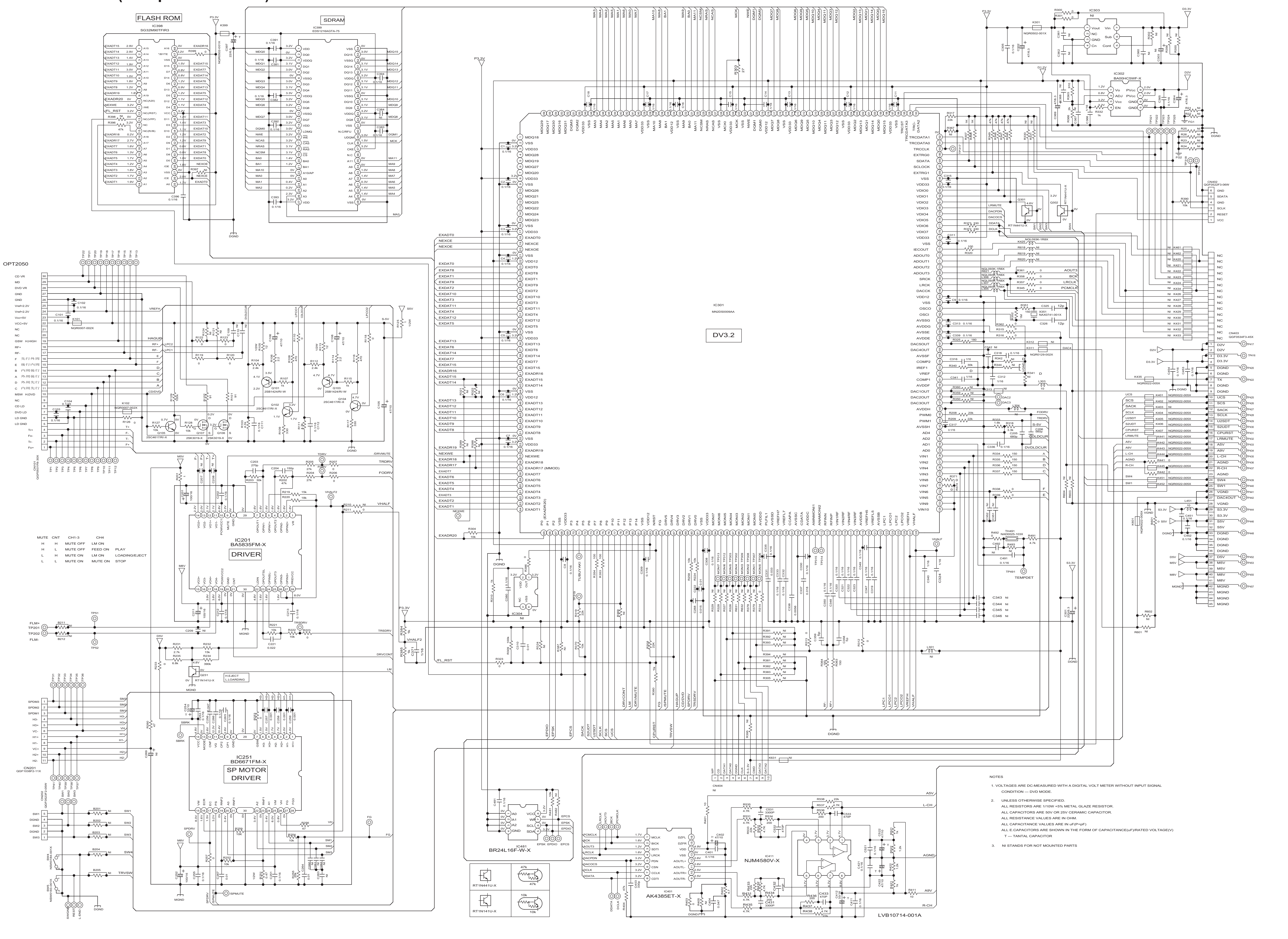
■ DVD section (except KD-DVH426)



NOTES

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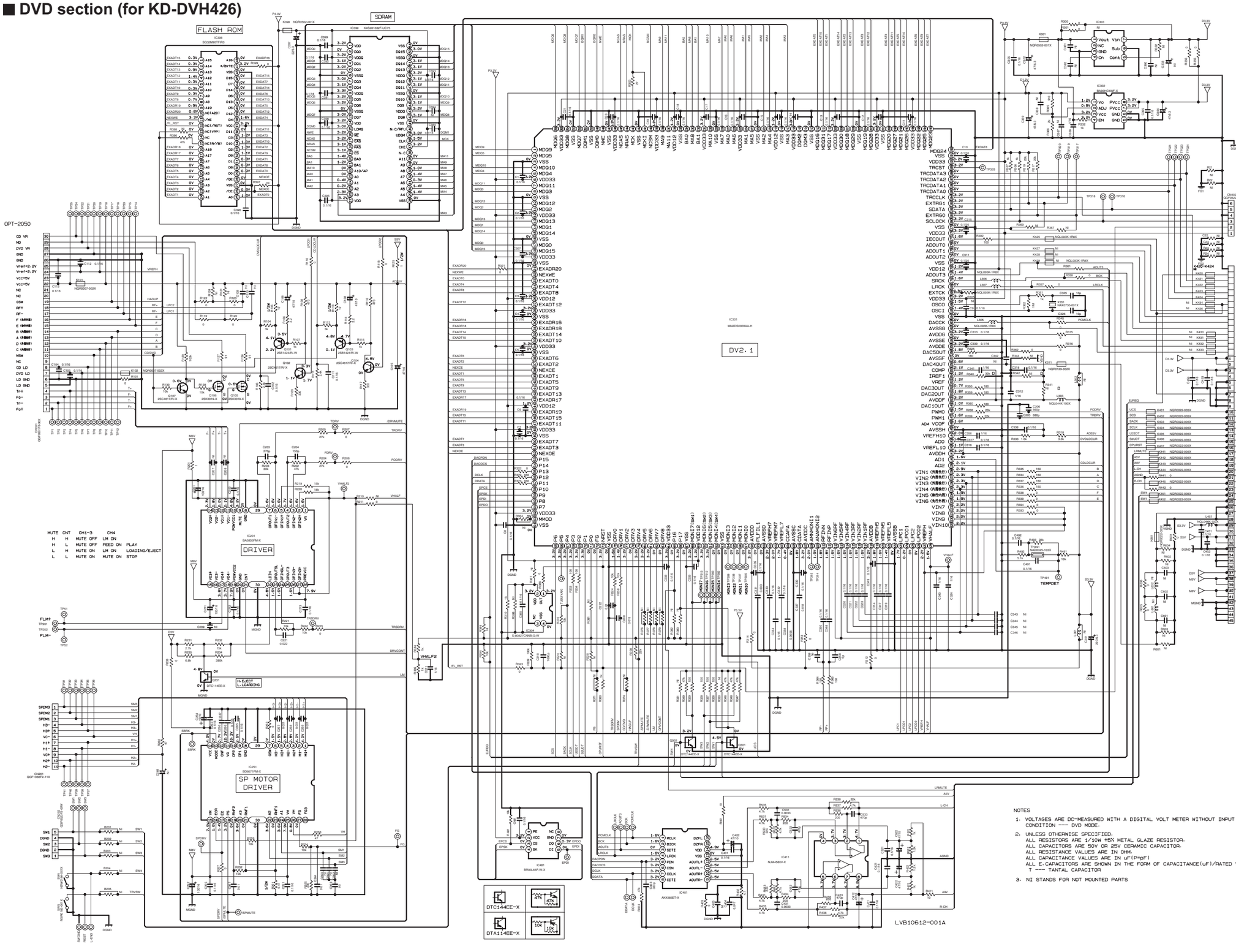
■ DVD section (for KD-DVH426)



Printed circuit boards

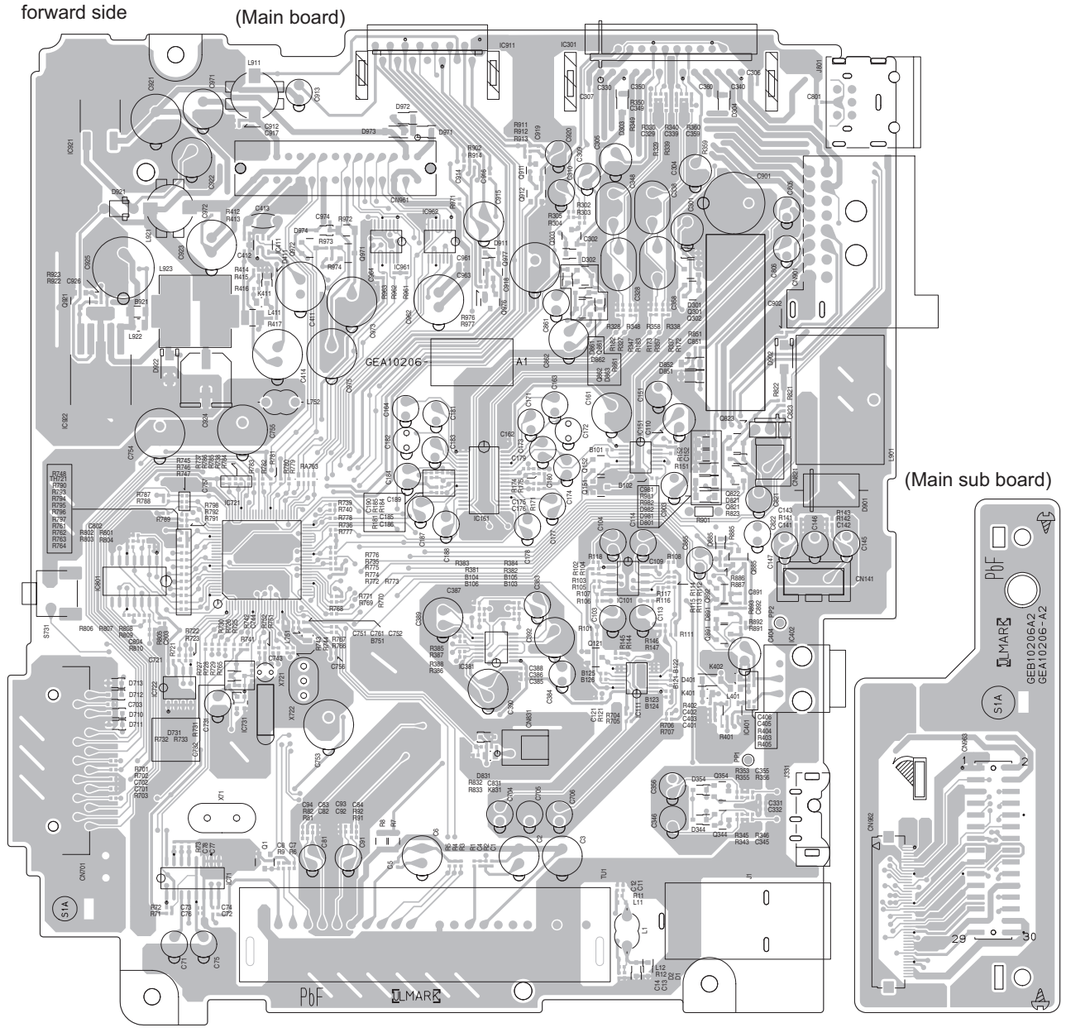
■ Main board (except KD-DVH426)

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

Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade)

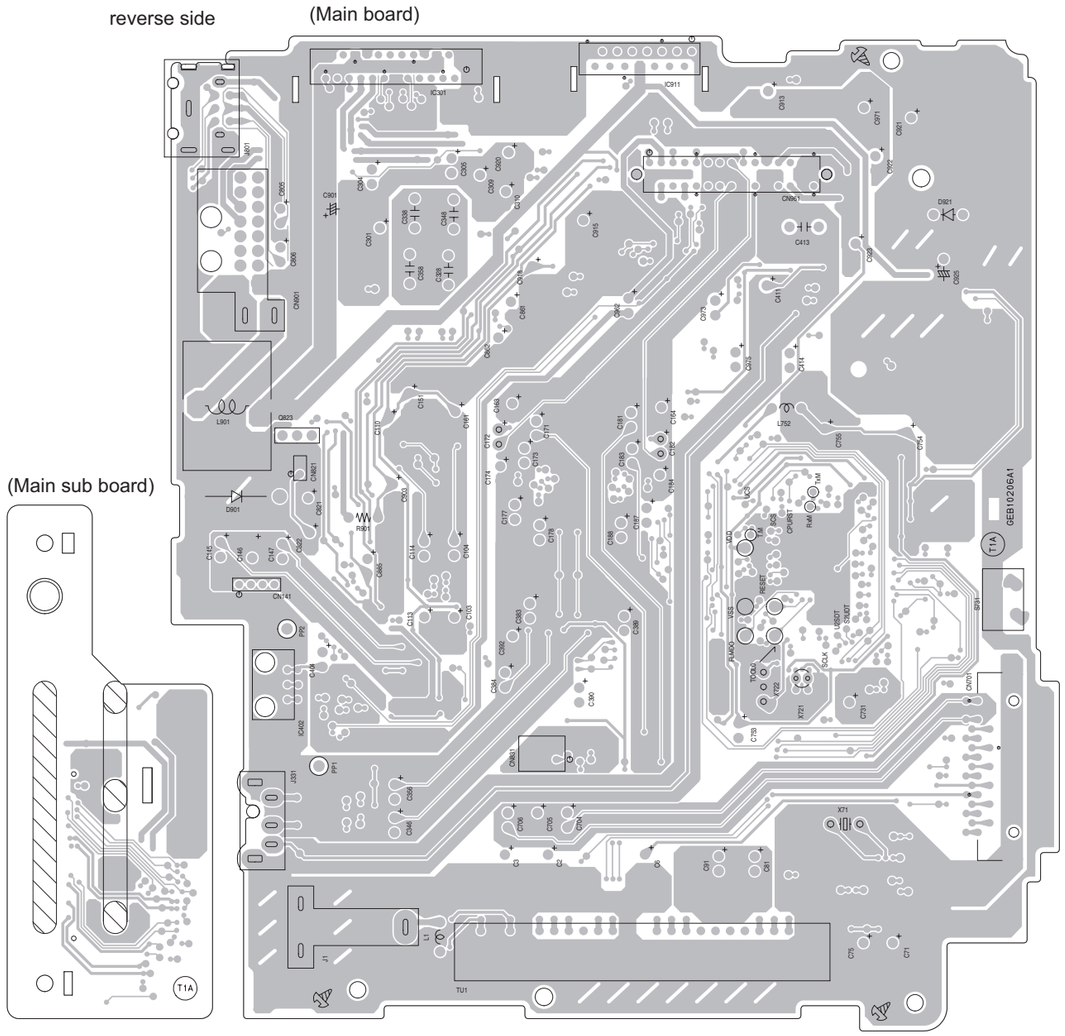
forward side

(Main board)



reverse side

(Main board)

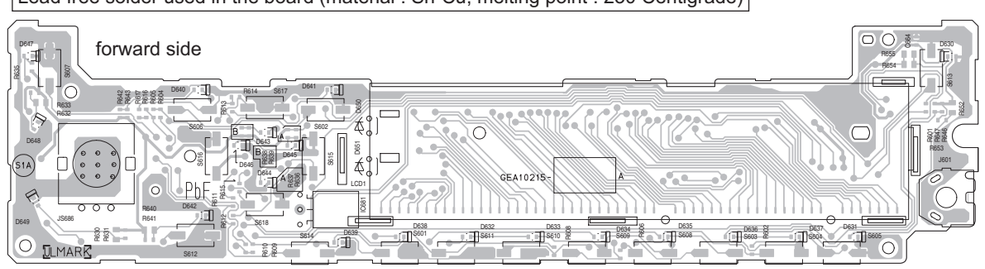


■ Switch board (except KD-DVH426)

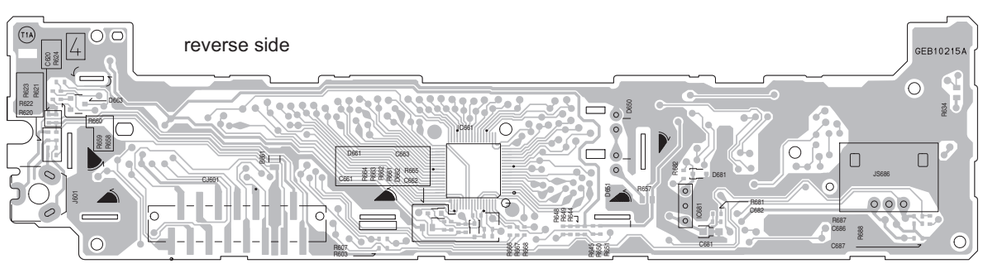
Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade)

forward side



reverse side

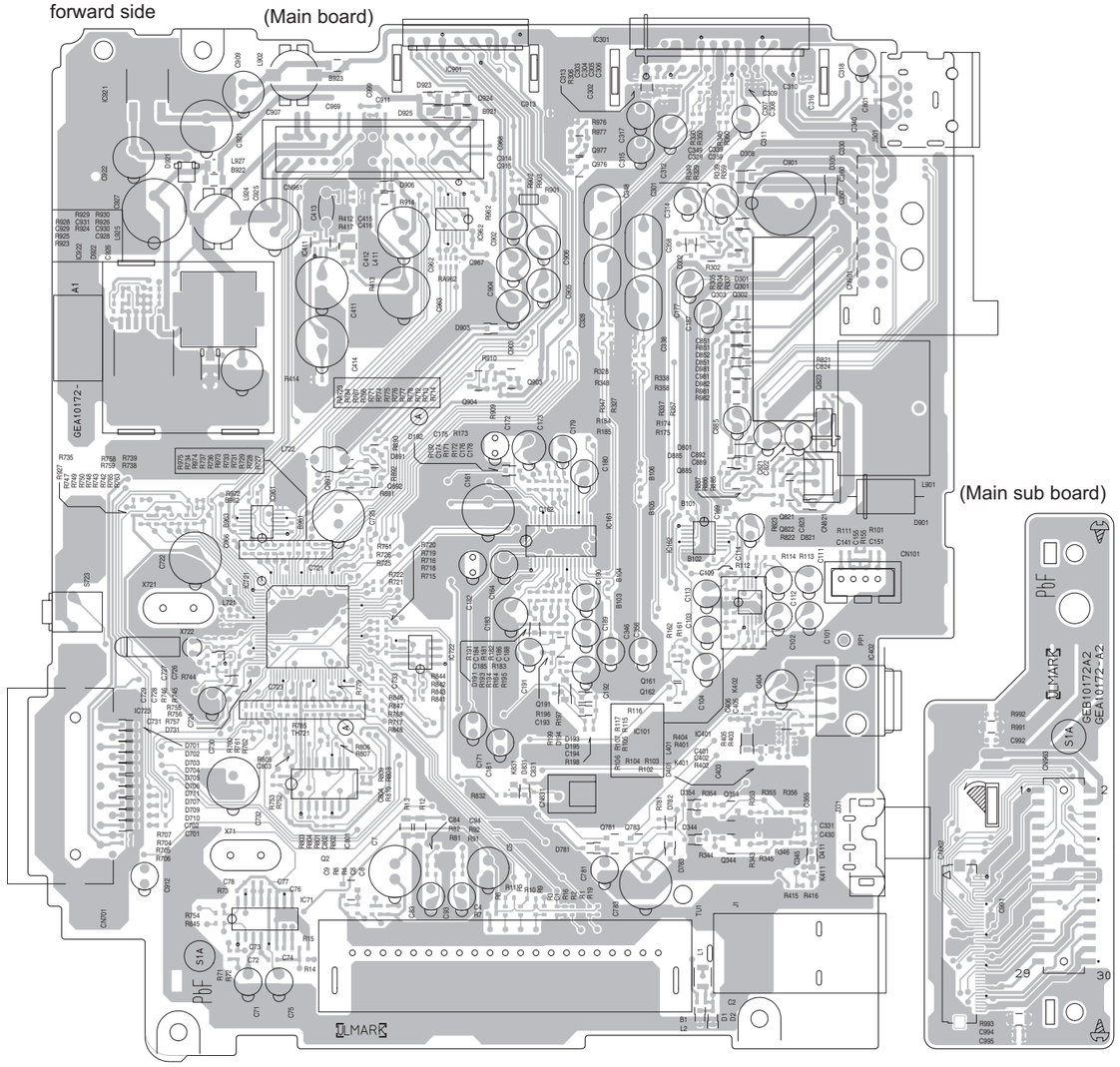


■ Main board (for KD-DVH426)

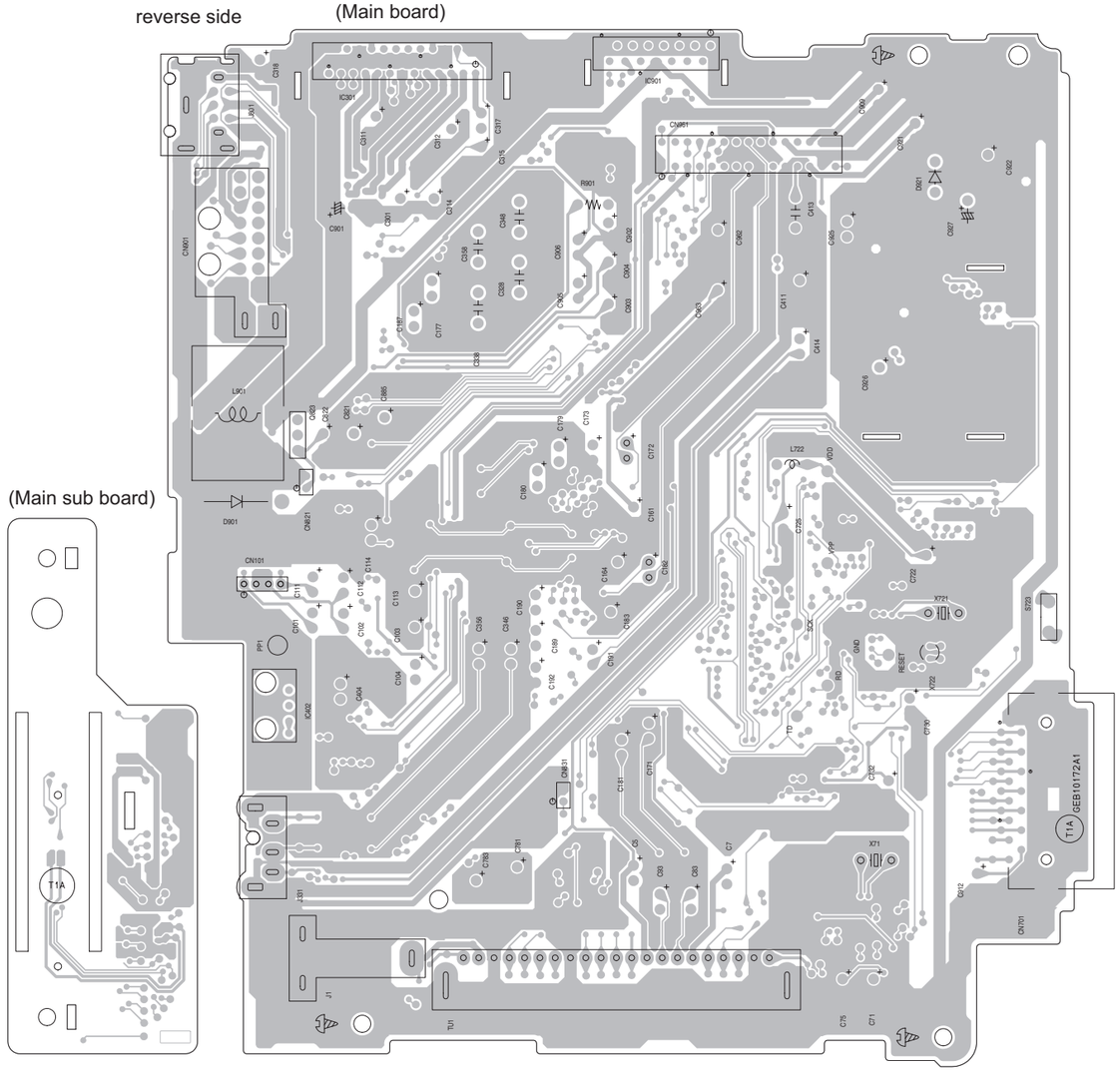
Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade)

forward side (Main board)



reverse side (Main board)

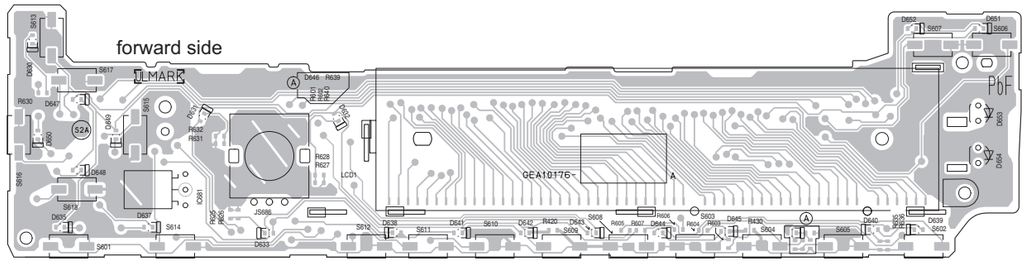


■ Switch board (for KD-DVH426)

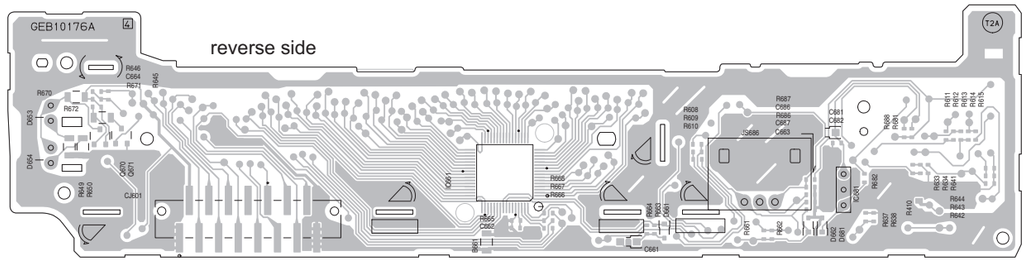
Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade)

forward side



reverse side

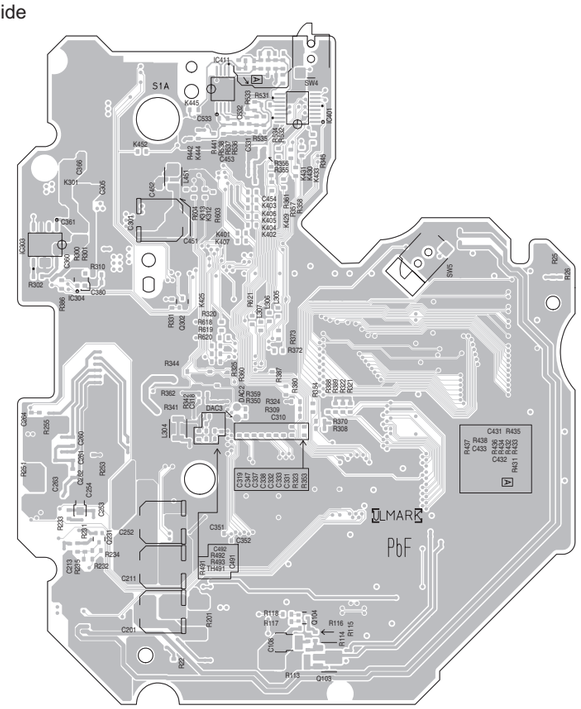


■ Front end board (except KD-DVH426)

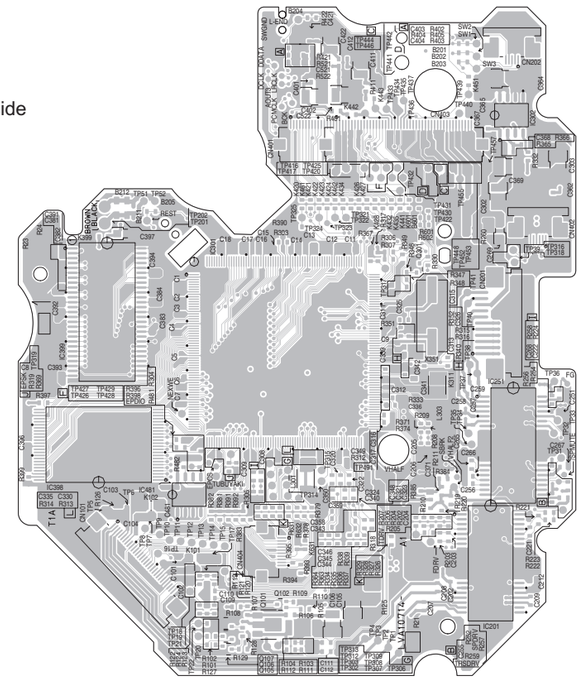
Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade)

forward side



reverse side

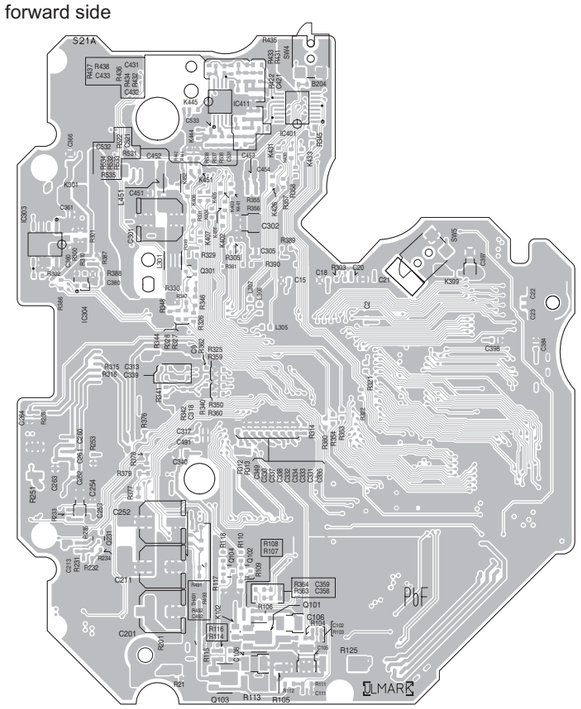


■ Front end board (for KD-DVH426)

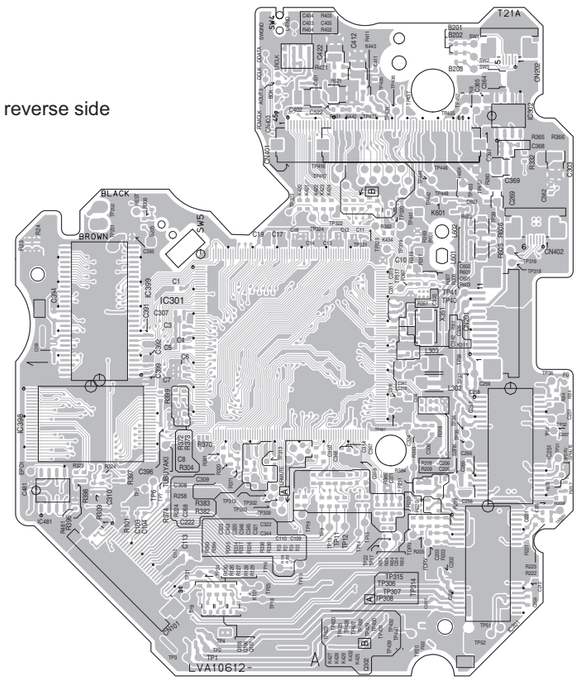
Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade)

forward side



reverse side



< MEMO >

JVC

Victor Company of Japan, Limited

Mobile Entertainment Business Group Mobile Entertainment Category 10-1,1chome,Ohwatari-machi,Maebashi-city,Gumma-ken,371-8543,Japan

(No.MA308SCH)

Printed in Japan
VPT