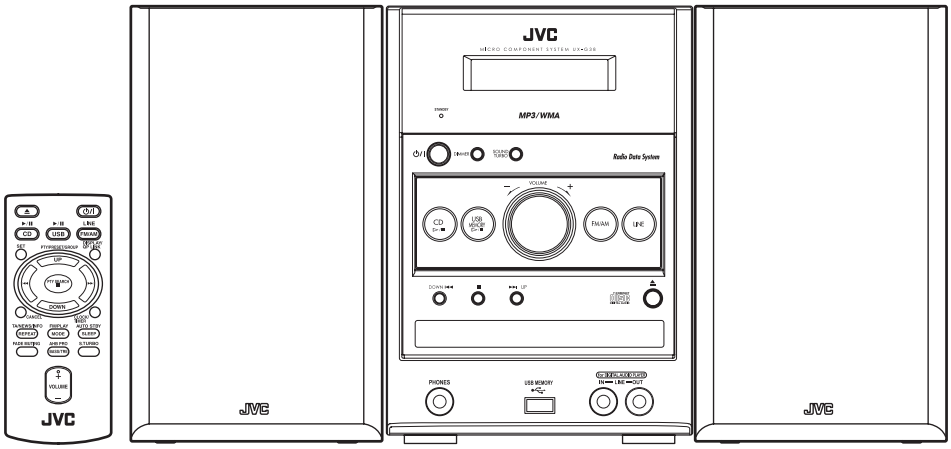
JVC

# SCHEMATIC DIAGRAMS

## MICRO COMPONENT SYSTEM

# UX-G38B,UX-G38E,UX-G38EN
# UX-G38EV,UX-G39E,UX-G39EN
# UX-G39EV,UX-G37B,UX-G37E
# UX-G37EN,UX-G37EV

**CD-ROM No.SML200705**



SP-UXG38
SP-UXG38
SP-UXG39

CA-UXG37
CA-UXG38
CA-UXG39

SP-UXG38
SP-UXG38
SP-UXG39

**MP3/WMA Radio Data System**

UX-G39 is derivertive model and different color model of UX-G38.
UX-G37 is different color model of UX-G38.

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**

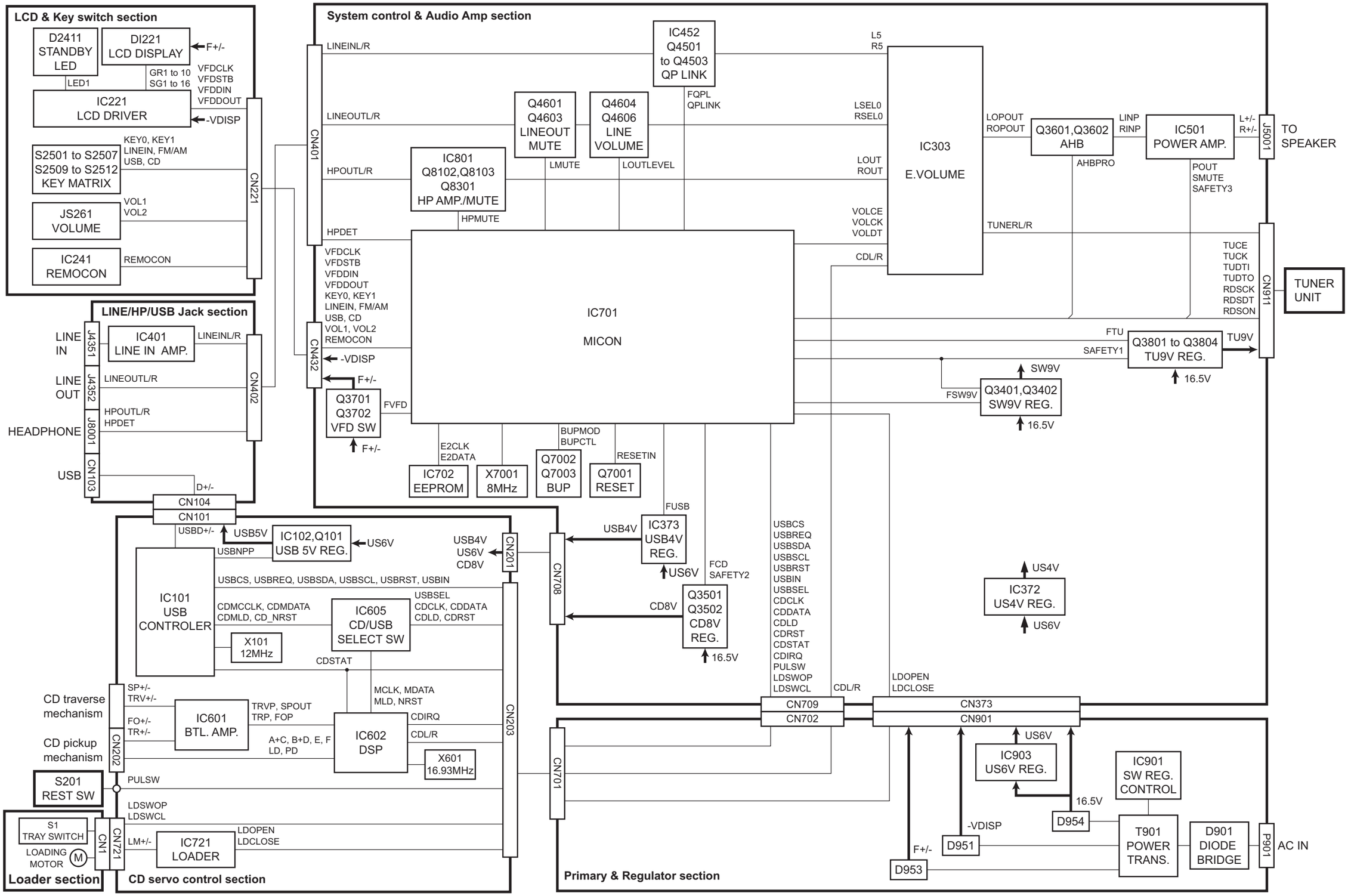




**No.MB611SCH**
**2007/5**

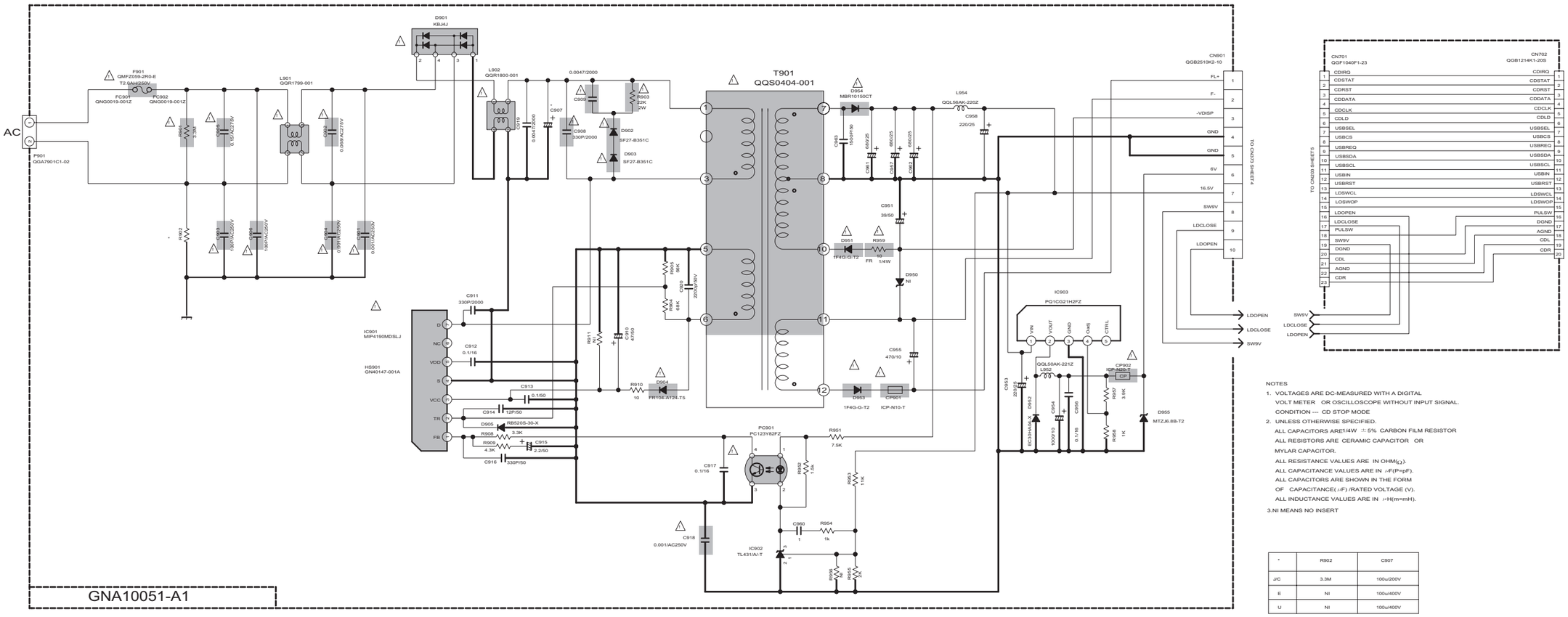
In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor (▬), diode (▮) and ICP (●) or identified by the "⚠" mark nearby are critical for safety.

# Block diagram



# Standard schematic diagrams

## ■ Primary section




GNA10051-A1

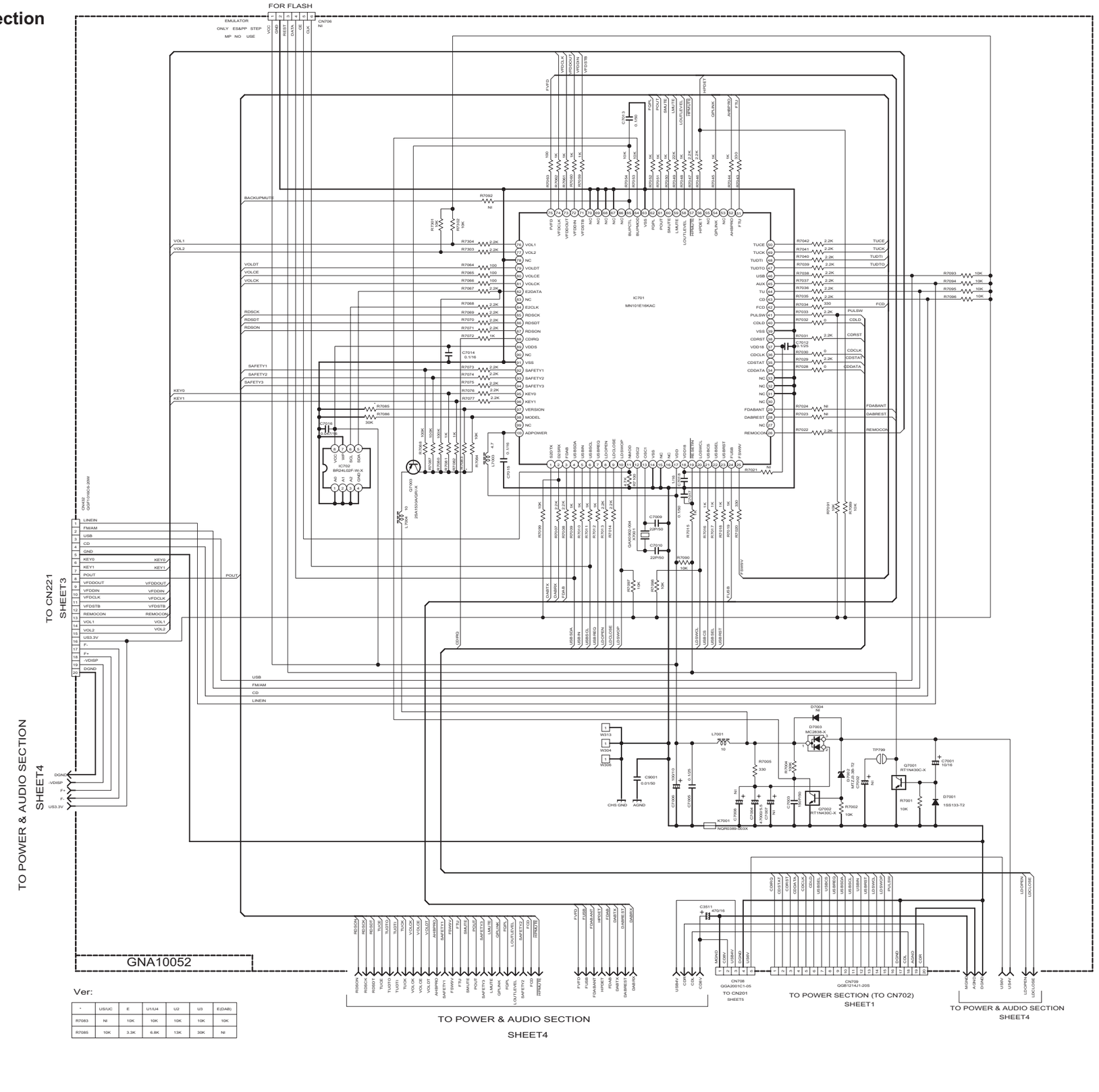
NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL. CONDITION ---- CD STOP MODE
2. UNLESS OTHERWISE SPECIFIED.
   ALL CAPACITORS ARE1/4W ±5% CARBON FILM RESISTOR
   ALL RESISTORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR.
   ALL RESISTANCE VALUES ARE IN OHM(Ω).
   ALL CAPACITANCE VALUES ARE IN μF(P=pF).
   ALL CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(μF)/RATED VOLTAGE (V).
   ALL INDUCTANCE VALUES ARE IN μH(m=mH).
3. NI MEANS NO INSERT

| * | R902 | C907 |
|---|---|---|
| J/C | 3.3M | 100u/200V |
| E | NI | 100u/400V |
| U | NI | 100u/400V |

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

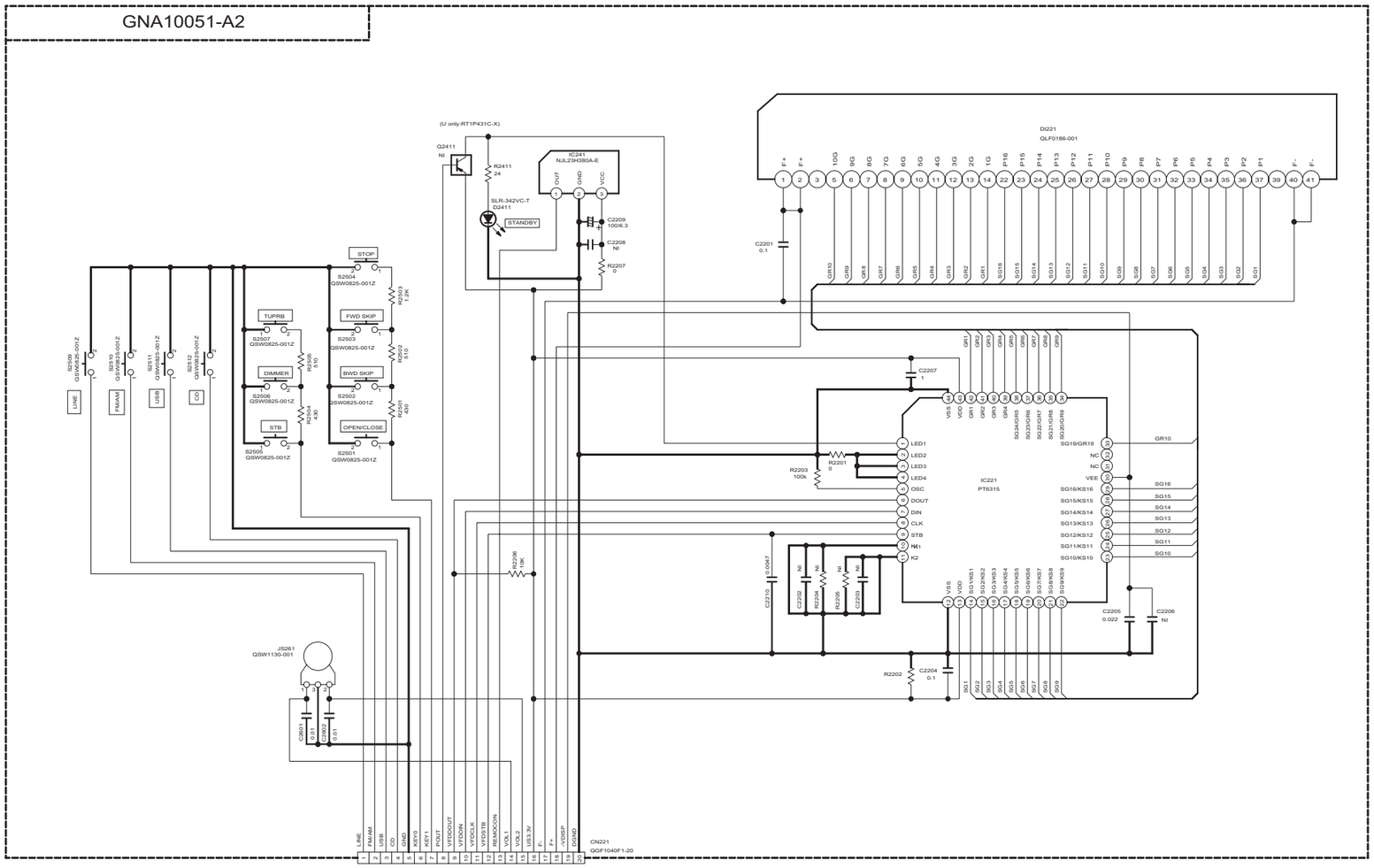
## ■ Micon section

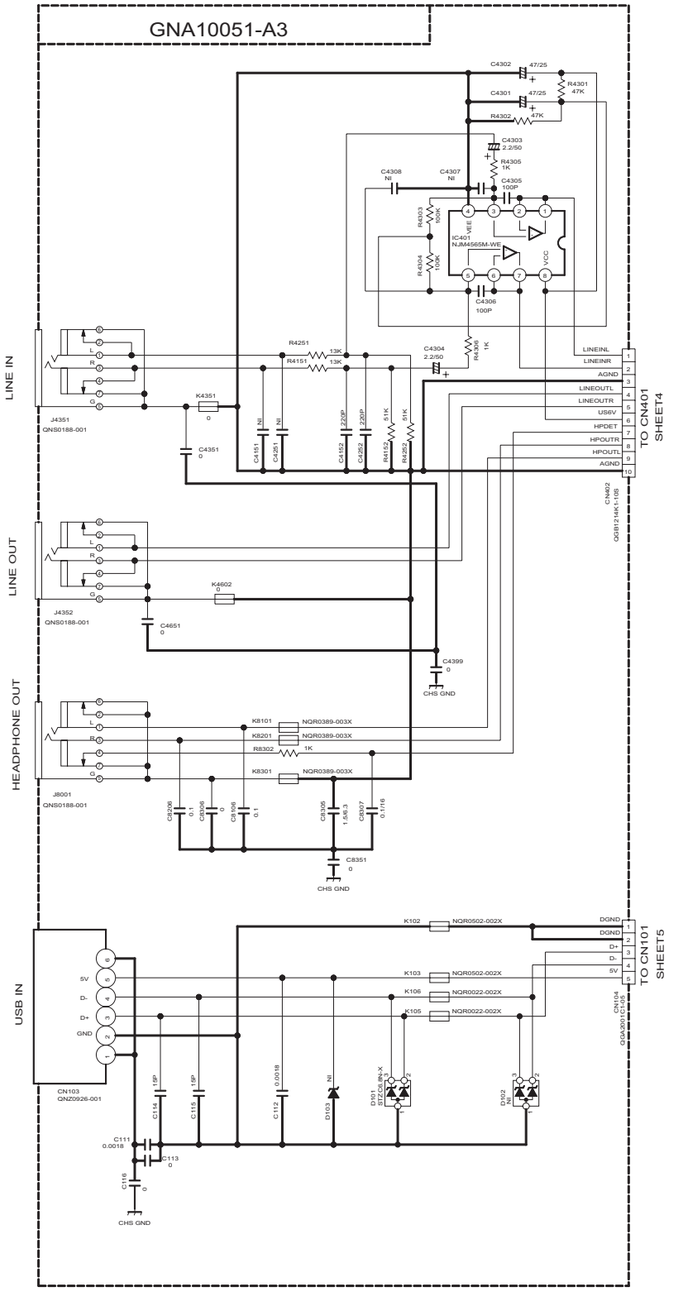



Ver:

| * | US/UC | E | U1/U4 | U2 | U3 | E(DAB) |
|---|---|---|---|---|---|---|
| R7083 | NI | 10K | 10K | 10K | 10K | 10K |
| R7085 | 10K | 3.3K | 6.8K | 13K | 30K | NI |

## ■ Front section

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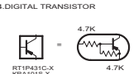
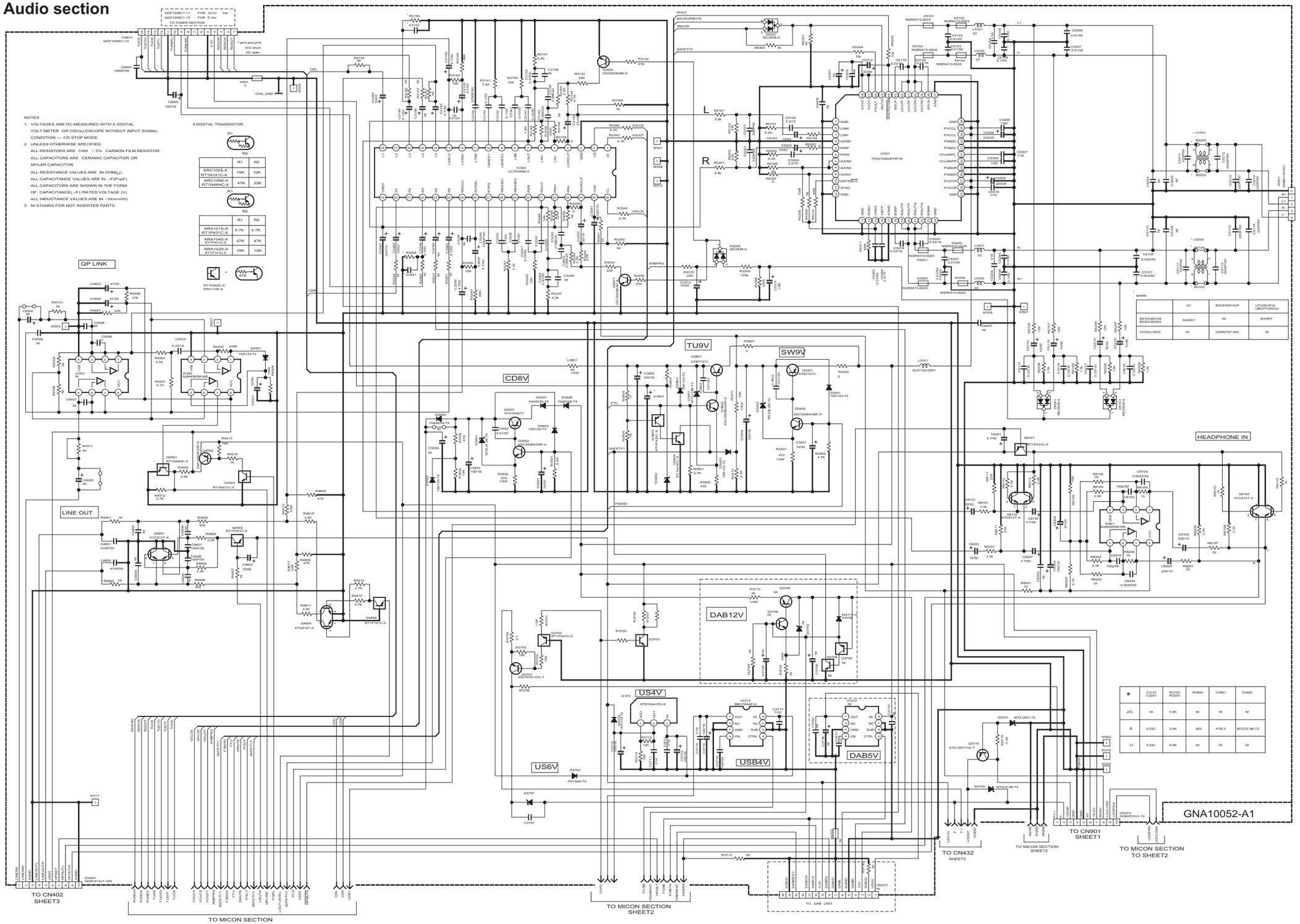
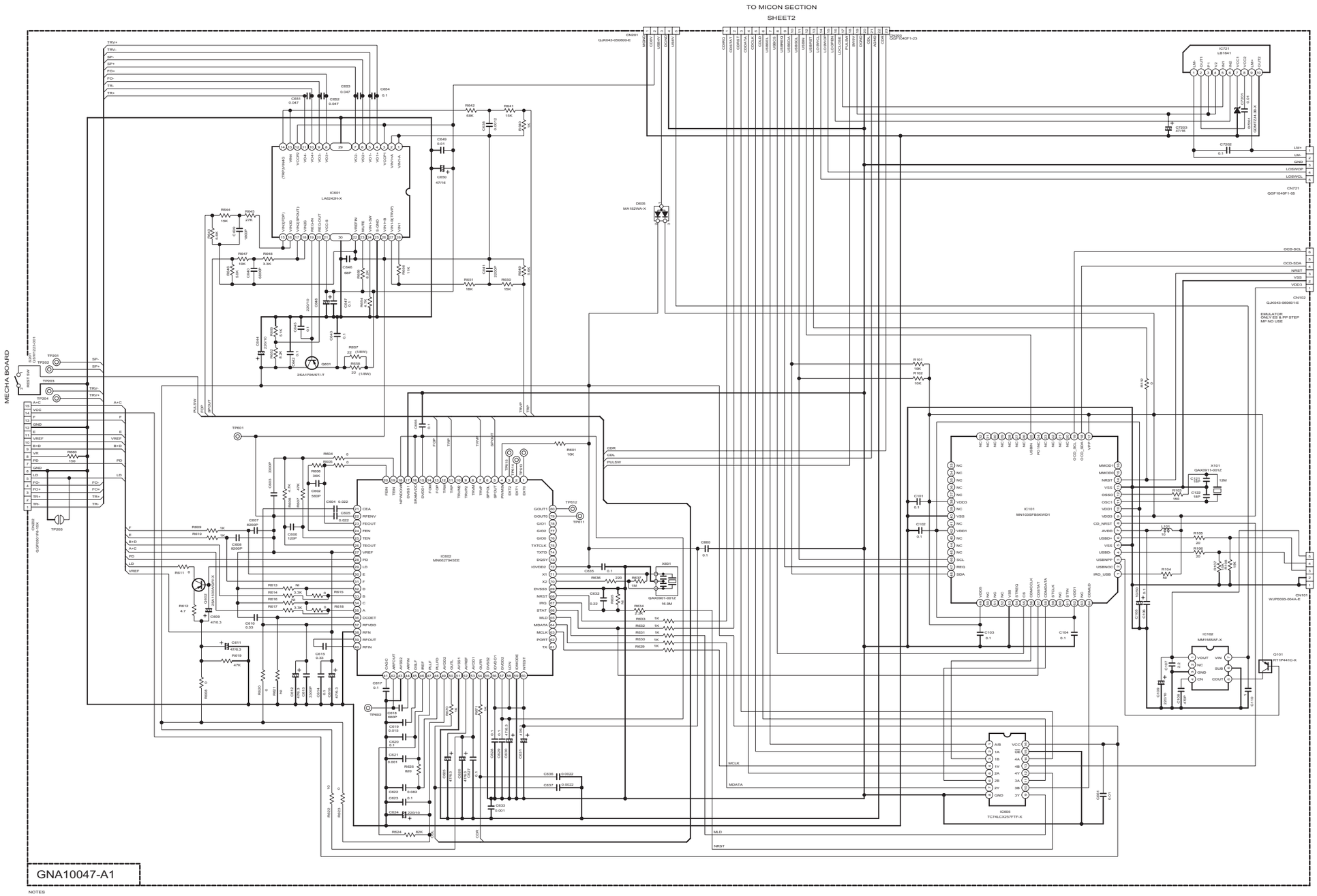
3. NI MEANS NO INSERT
4. DIGITAL TRANSISTOR



# ■ Audio section



## ■ CD section




NOTES

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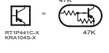
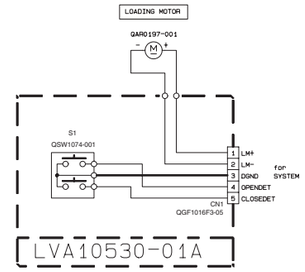
   ALL CAPACITANCE VALUES ARE IN μF(P=pF).
   ALL CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(-μF) /RATED VOLTAGE (V).
   ALL INDUCTANCE VALUES ARE IN μH(m=mH).
3. NI MEANS NO INSERT
4. DIGITAL TRANSISTOR




## ■ Loader section



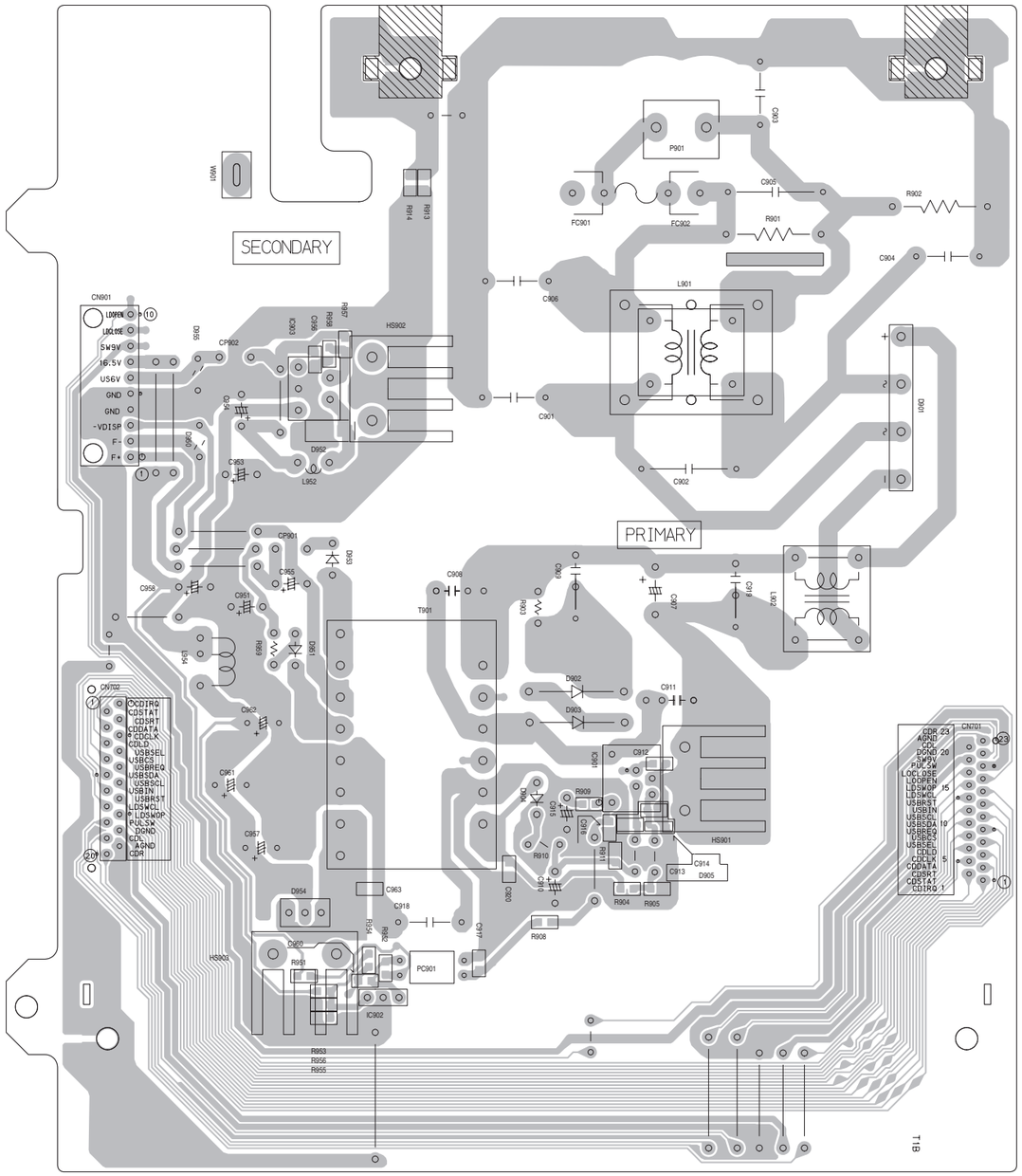
# Printed circuit boards

## ■ Power board

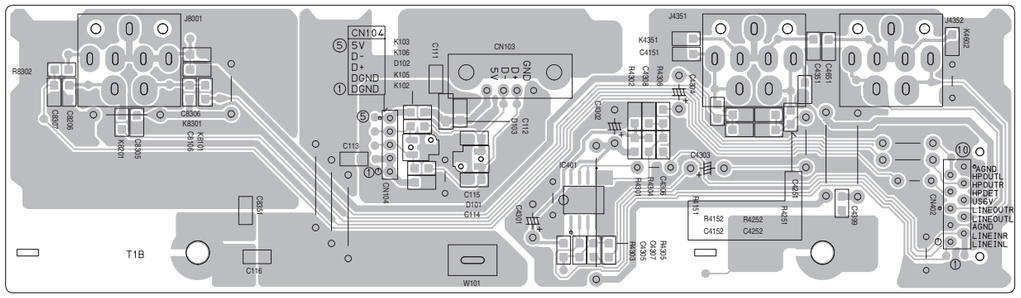
Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

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

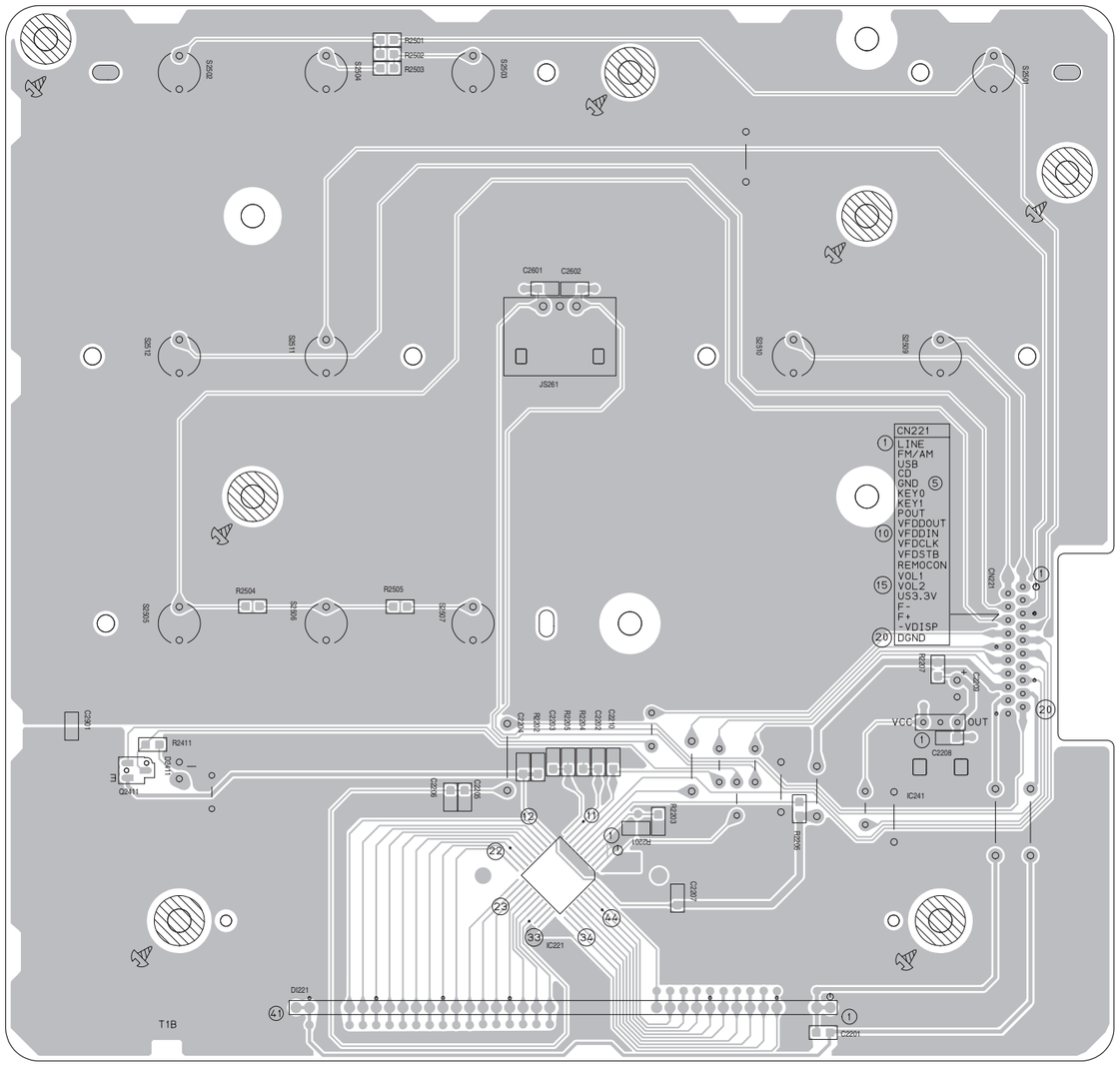
(Power board)




(Jack board)




(Front board)

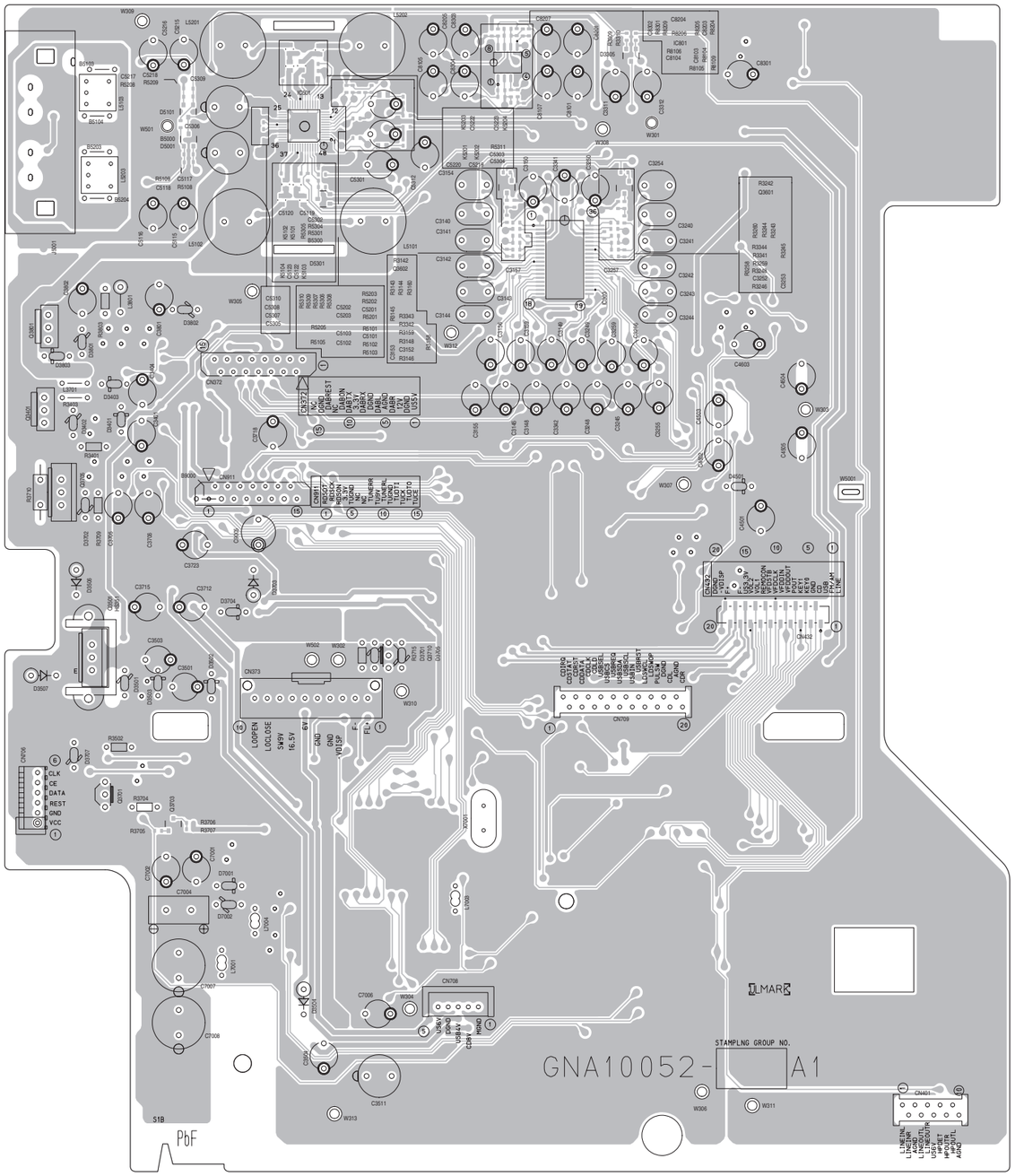


## ■ Main board

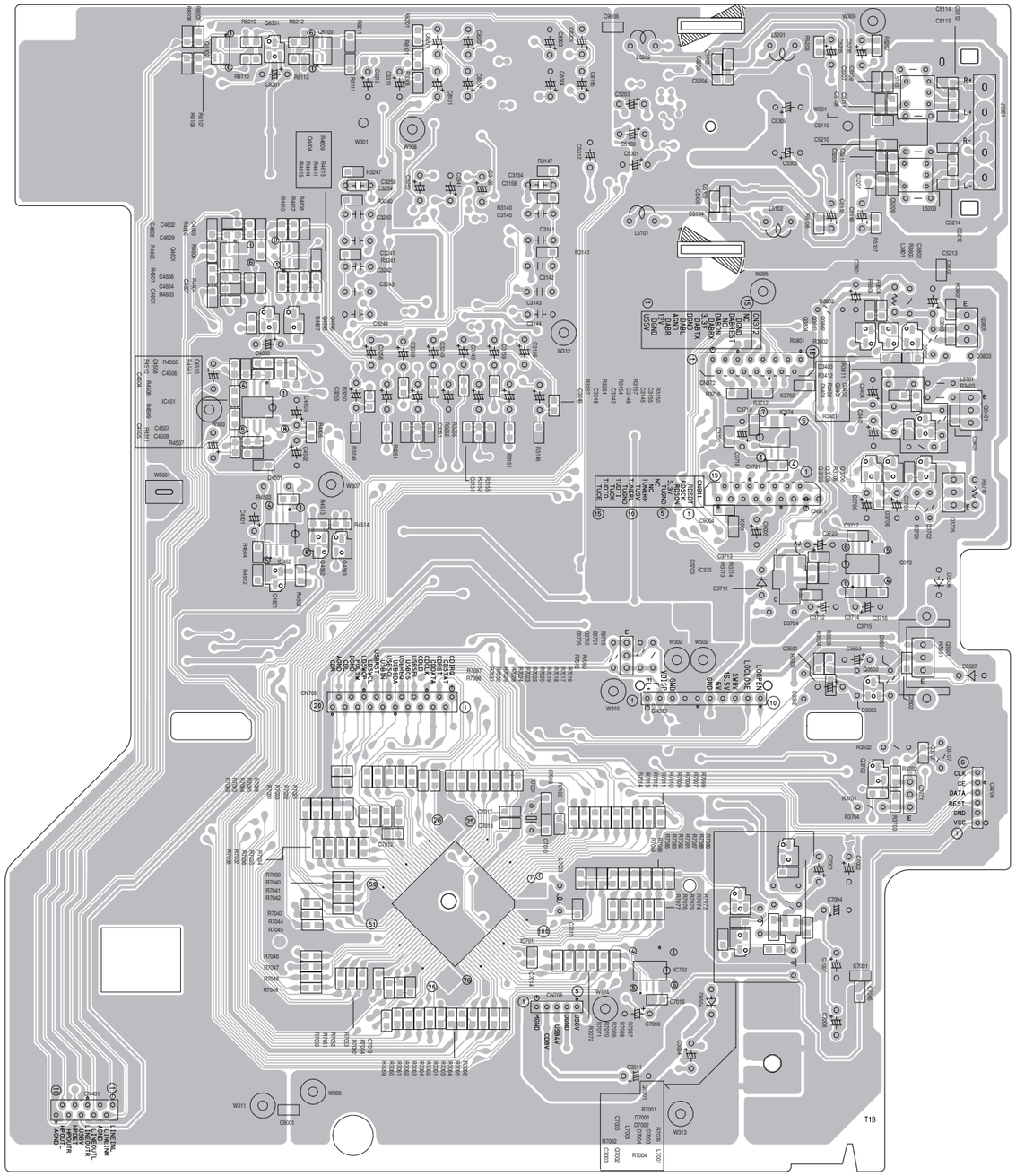
Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

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

forward side




reverse side

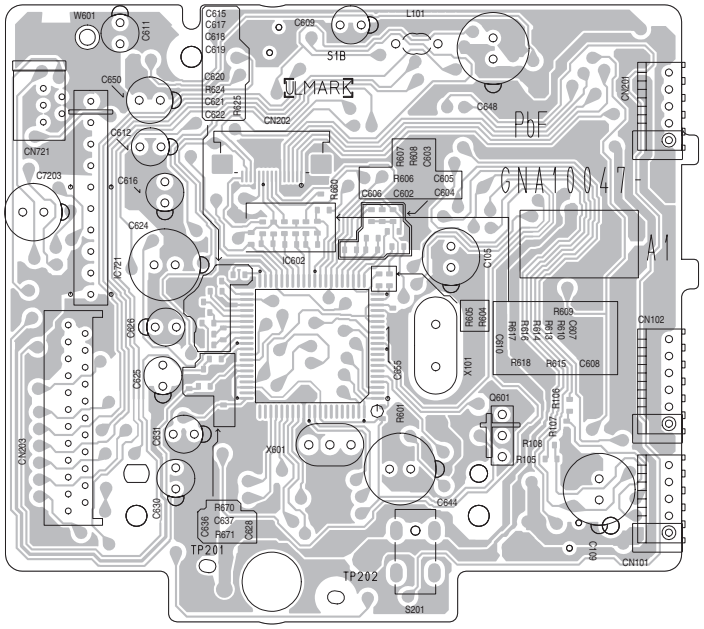


## ■ CD board

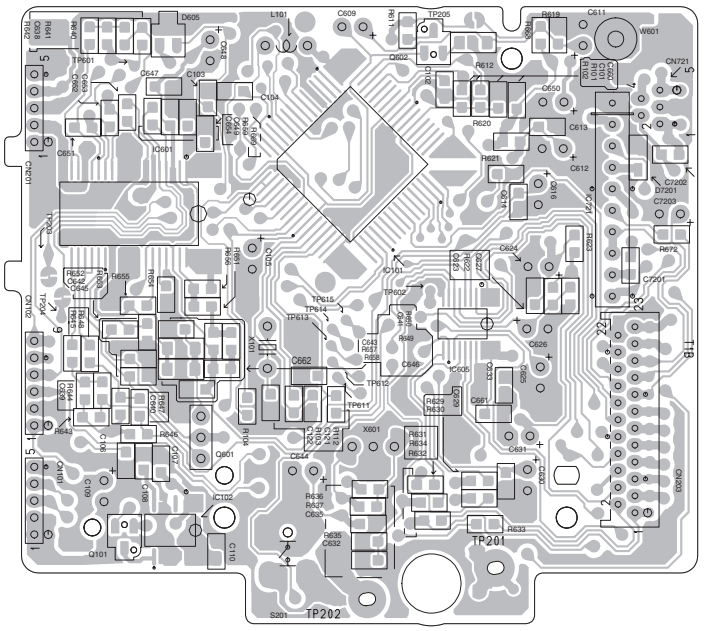
Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

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

forward side



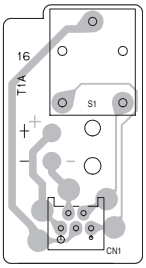

reverse side




## ■ Loader board

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)



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(No.MB611SCH)

Printed in Japan
VPT