

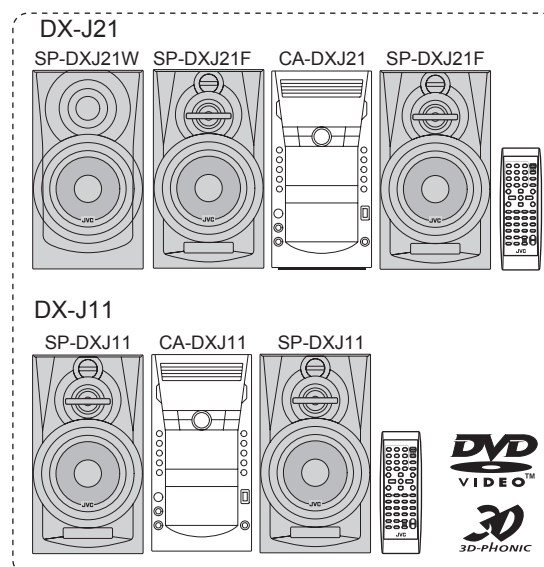
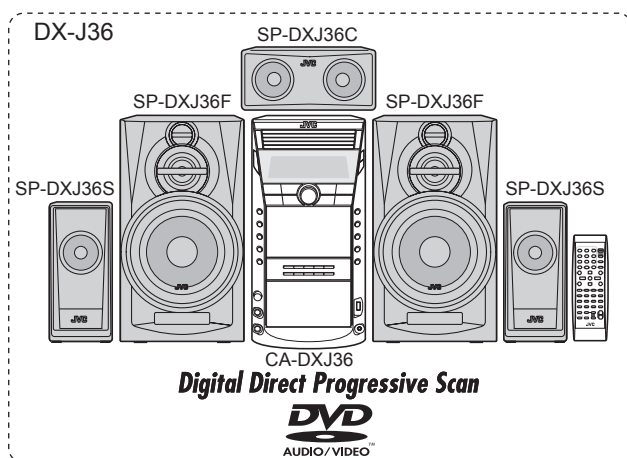
JVC

SCHEMATIC DIAGRAMS

COMPACT COMPONENT SYSTEM

DX-J36UN,DX-J36EE,DX-J36UX,DX-J36UG
DX-J21UN,DX-J21J,DX-J21EE,DX-J21A
DX-J21UW,DX-J21UX,DX-J21UG
DX-J11UN,DX-J11EE,DX-J11UW
DX-J11UX,DX-J11UG,DX-J11UH

DVD-ROM No.SML2008Q1



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

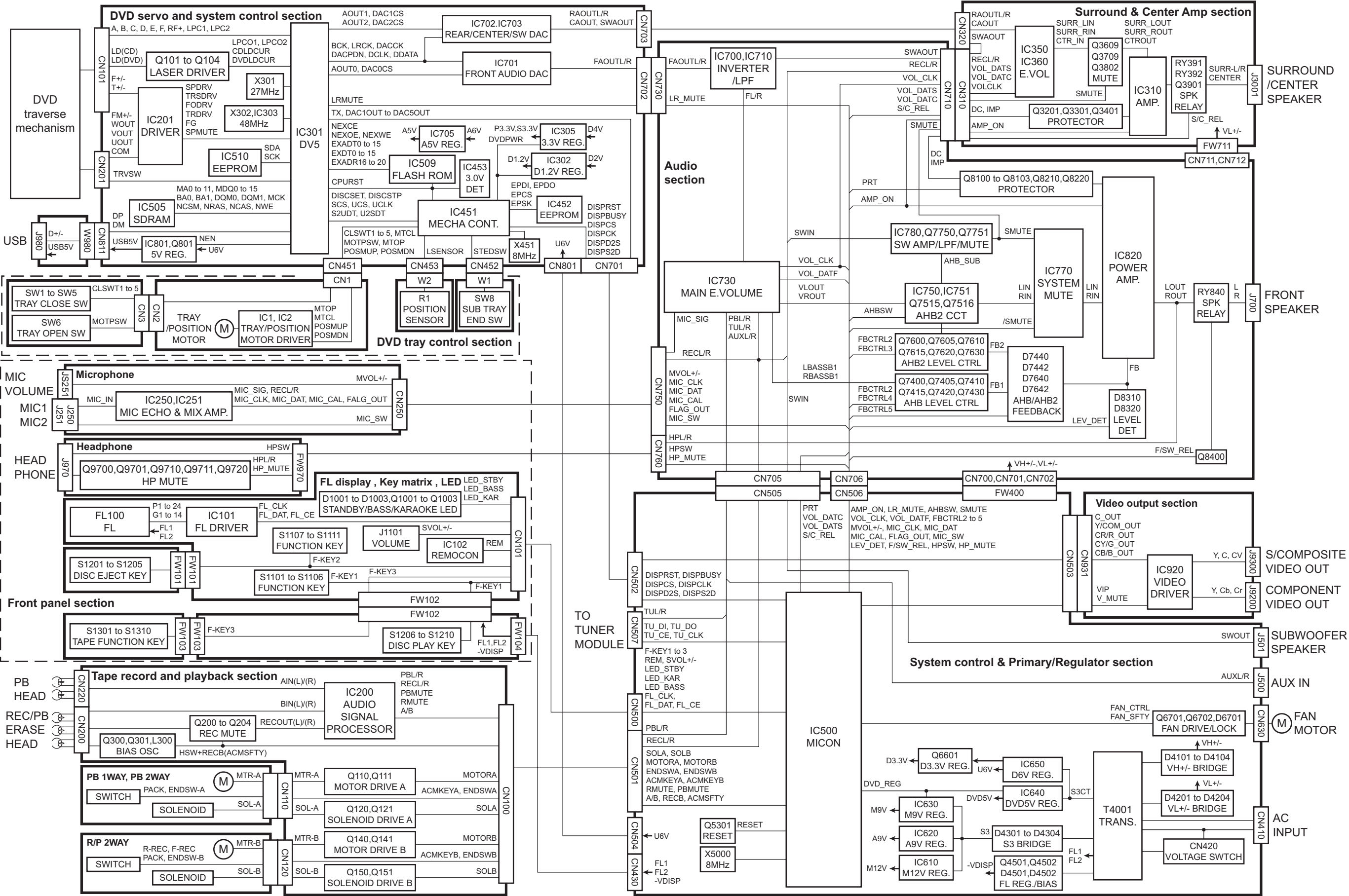
Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade)

Contents

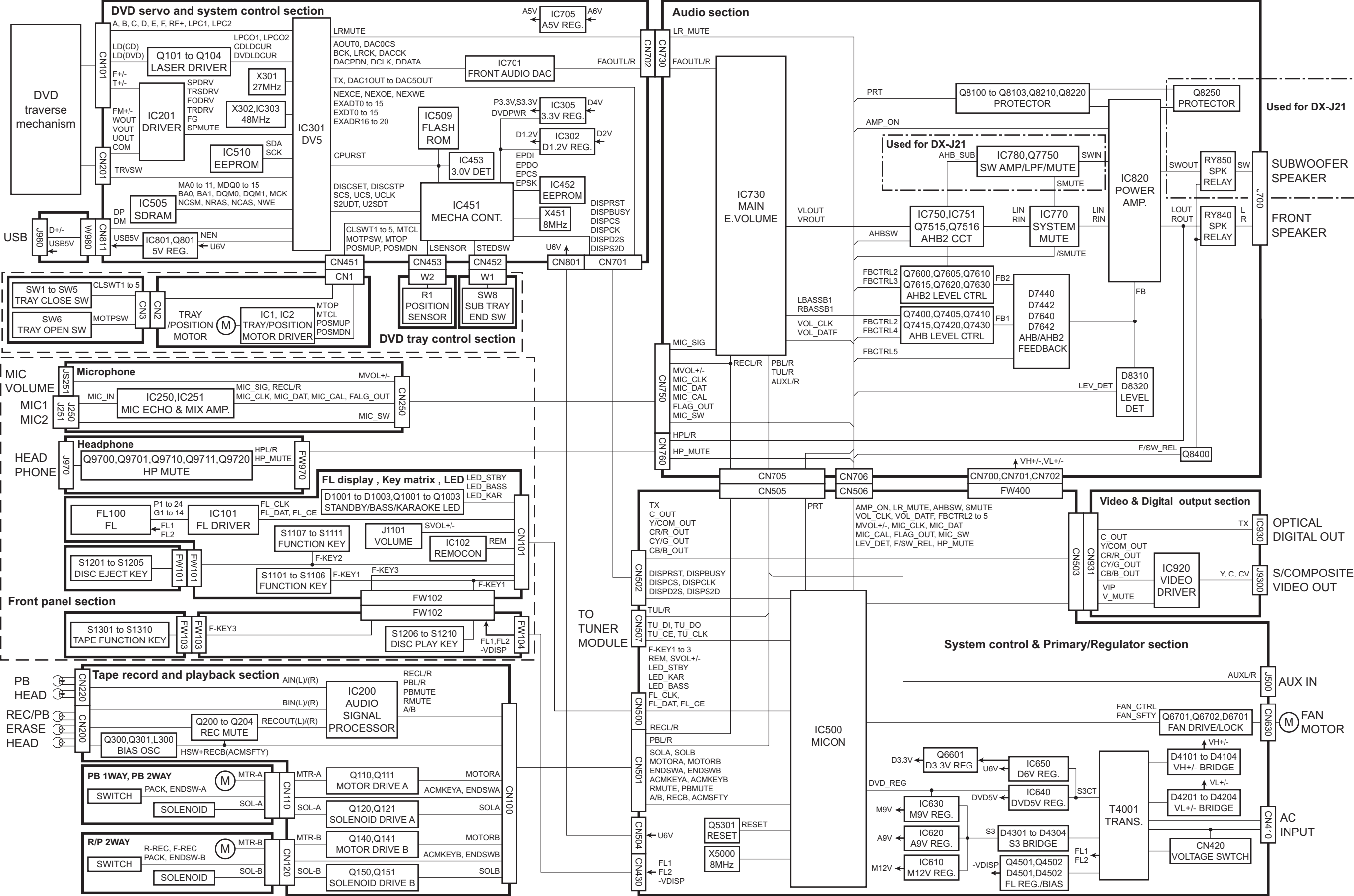
Block diagrams	2-1
Standard schematic diagrams	2-2
Printed circuit boards	2-20 to 22

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 "A" mark nearby are critical for safety.

Block diagram (For DX-J36)

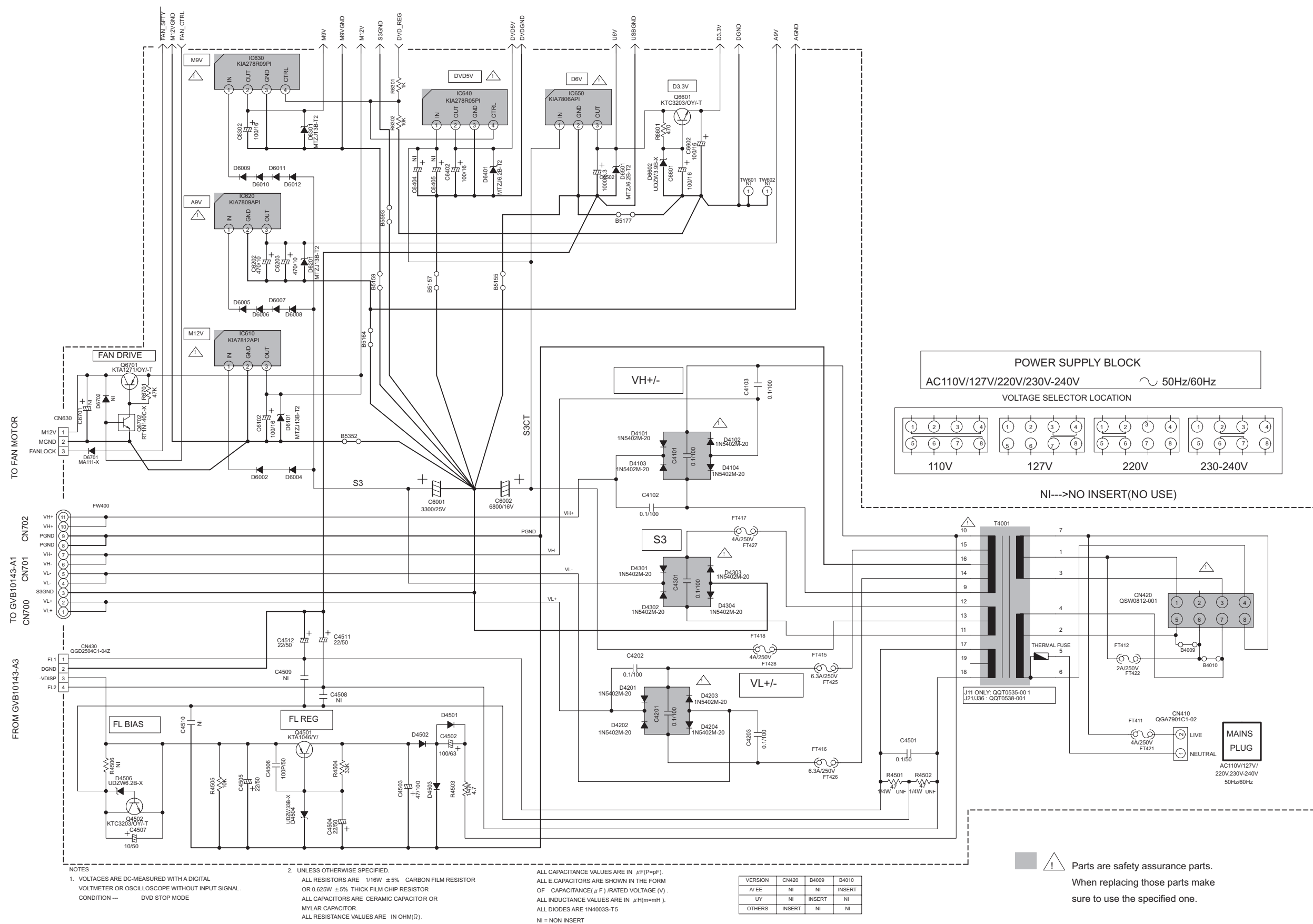


Block diagram (For DX-J11 and DX-J21)

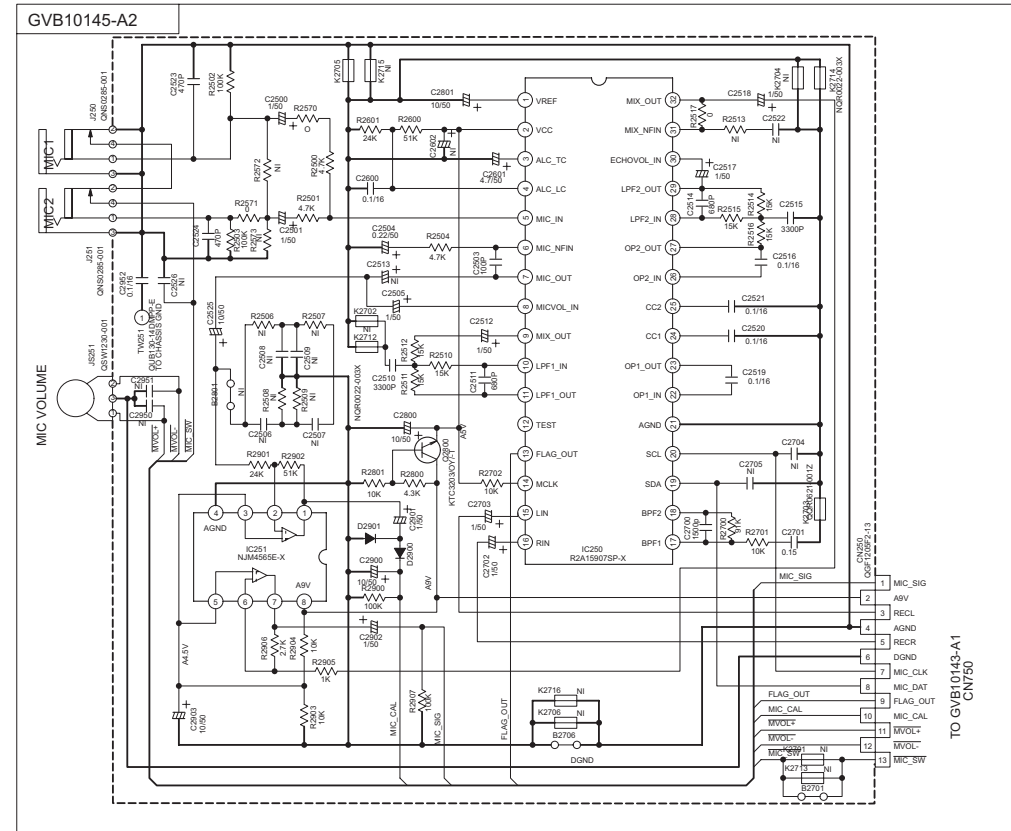
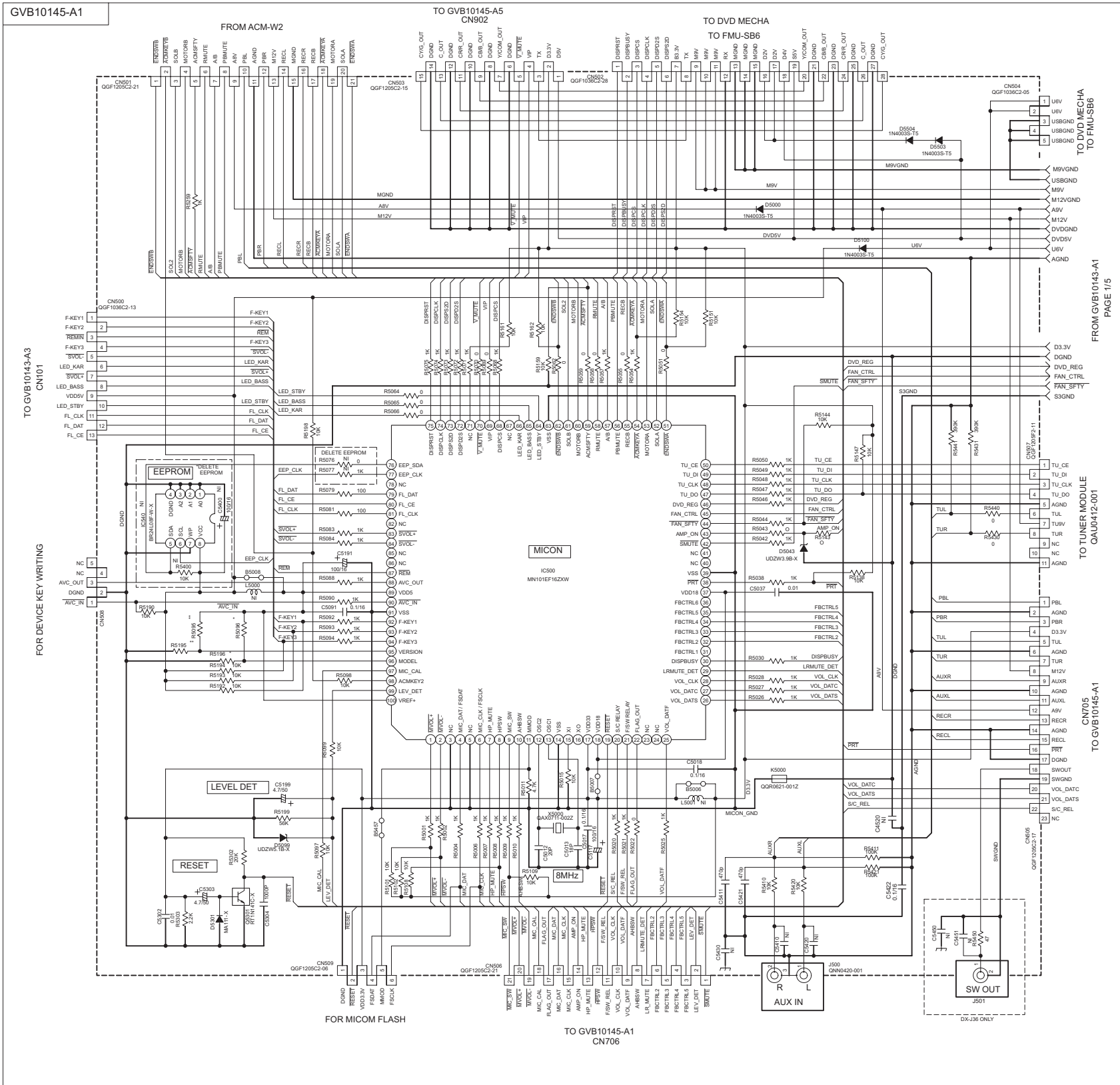


Standard schematic diagrams

■ Primary section (DX-J36)



■ Micom section (DX-J36)



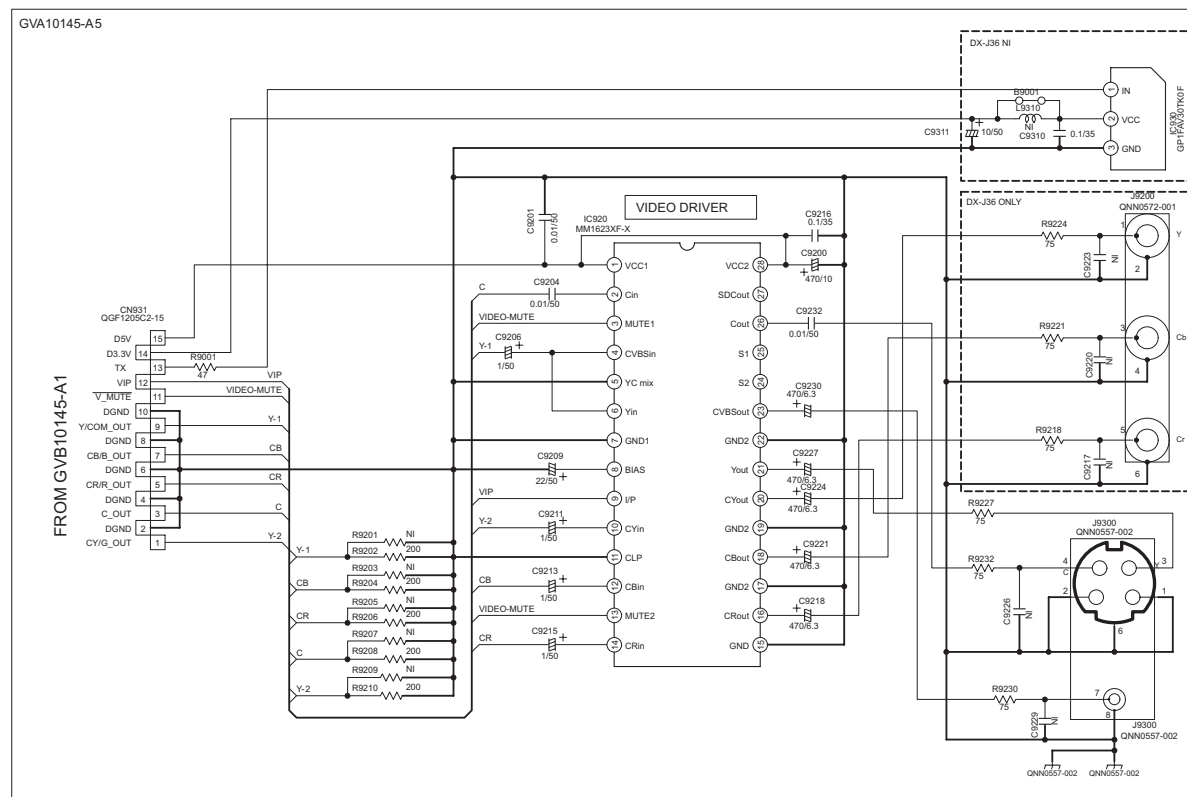
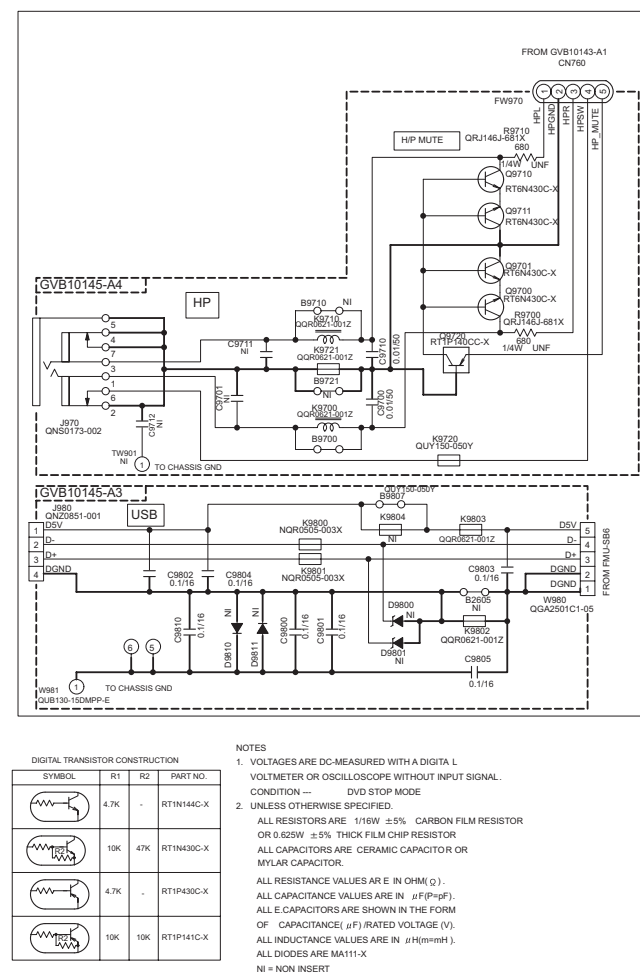
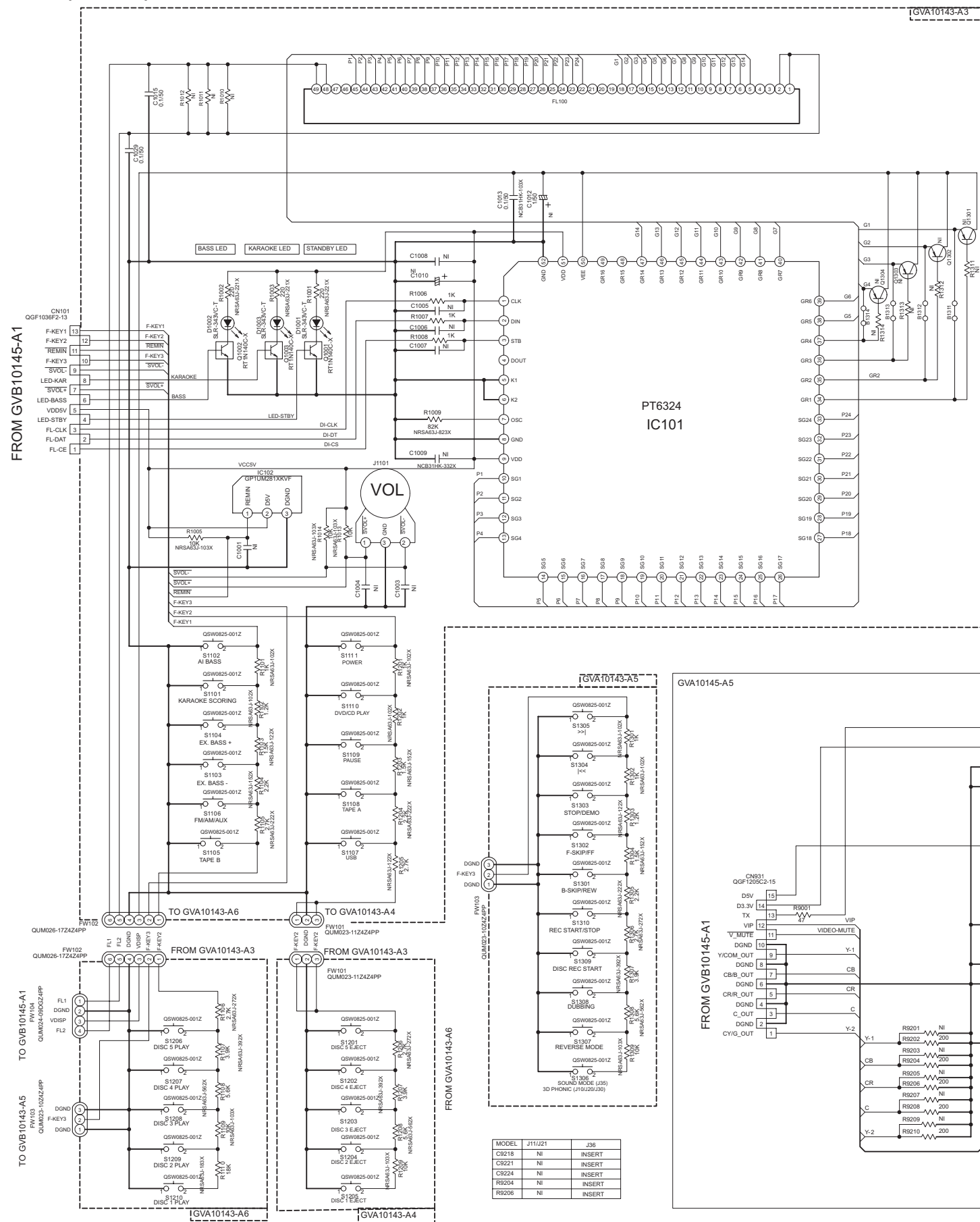
- NOTES
1. VOLTAGES ARE DC-MEASURED WITH A DIGITA L VOLTMETER OR OSCILSCOPE-WITHOUT INPUT SIGNAL. CONDITION ---- DVD STOP MODE
 2. UNLESS OTHERWISE SPECIFIED:
ALL RESISTORS ARE 1% 4.5% CARBON FILM RESISTOR
OR 0.625% $\pm 5\%$ THICK FILM CHIP RESISTOR
ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR.
ALL RESISTANCE VALUES ARE IN OHM (Ω)
ALL CAPACITANCE VALUES ARE IN μ F(PpF).
ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μ F) RATED VOLTAGE (V).
ALL INDUCTANCE VALUES ARE IN μ H(MHMM).
ALL FERRITE BEADS ARE QOR0021-001Z
NI = NON INSERT

SYMBOL	R1	R2	PART NO.
	4.7K	-	RT1N144C-X
	10K	47K	RT1N430C-X
	4.7K	-	RT1P430C-X
	10K	10K	RT1P141C-X

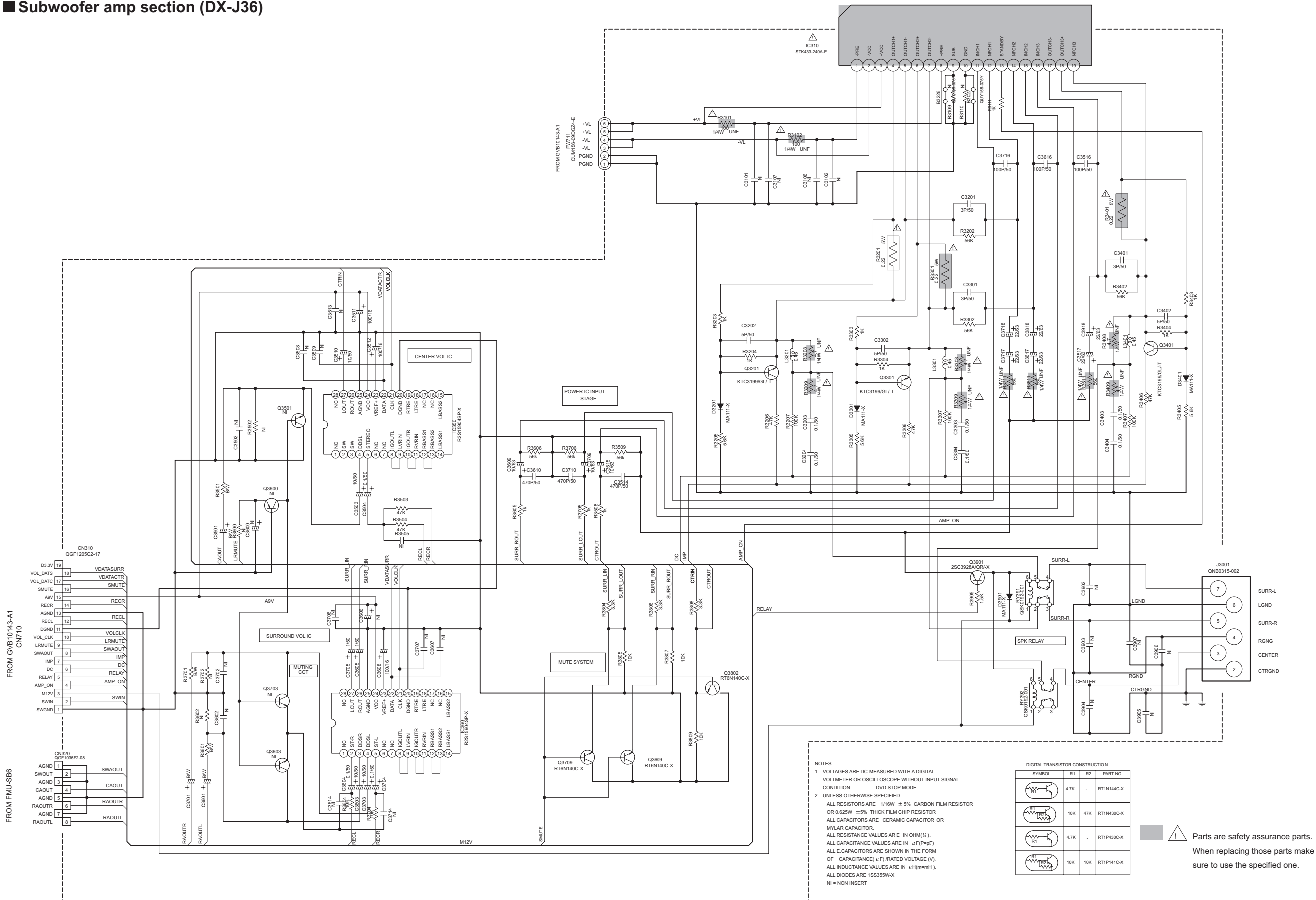
* MODEL INDICATION			
	J11	J21	J38
R5096	10K	10K	10K
R5196	NIL	NIL	15K

** VERSION INDICATION		
	R5095	R5195
US/UNI/UA	10K	NIL
UW/UY	10K	18K
UX/UG	10K	5.6K
EE	NIL	10K

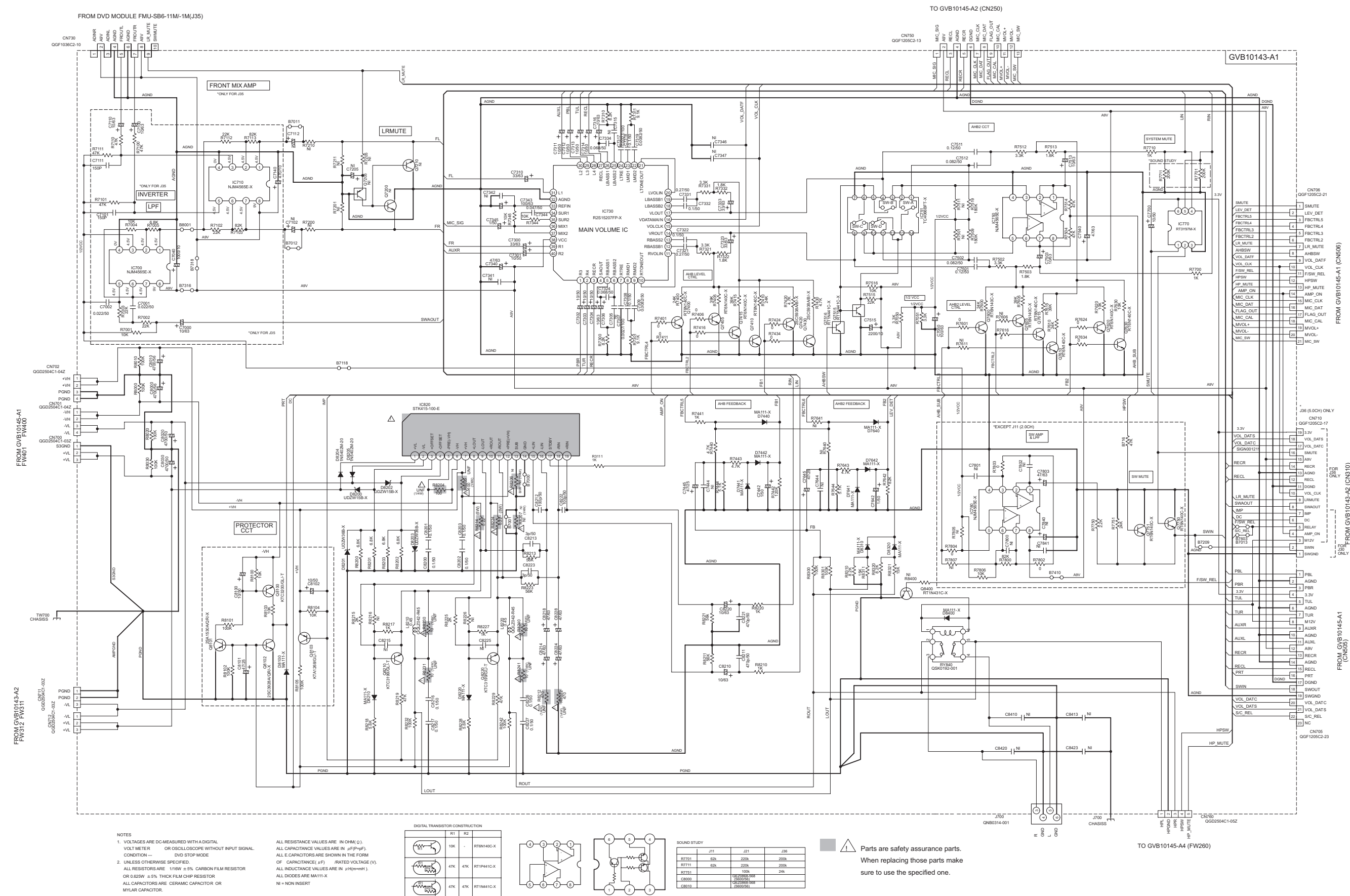
■ Front section (DX-J36)



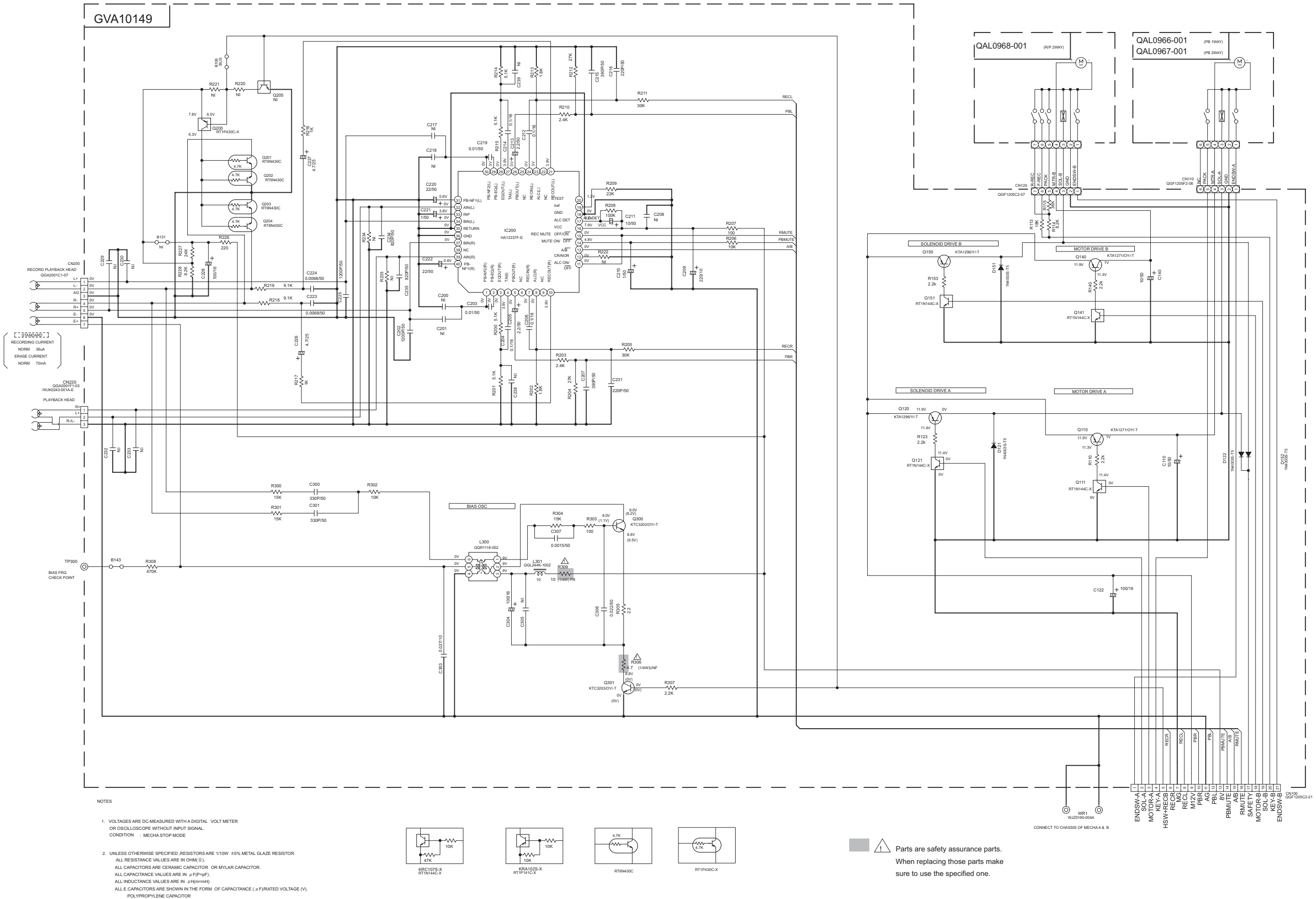
■ Subwoofer amp section (DX-J36)



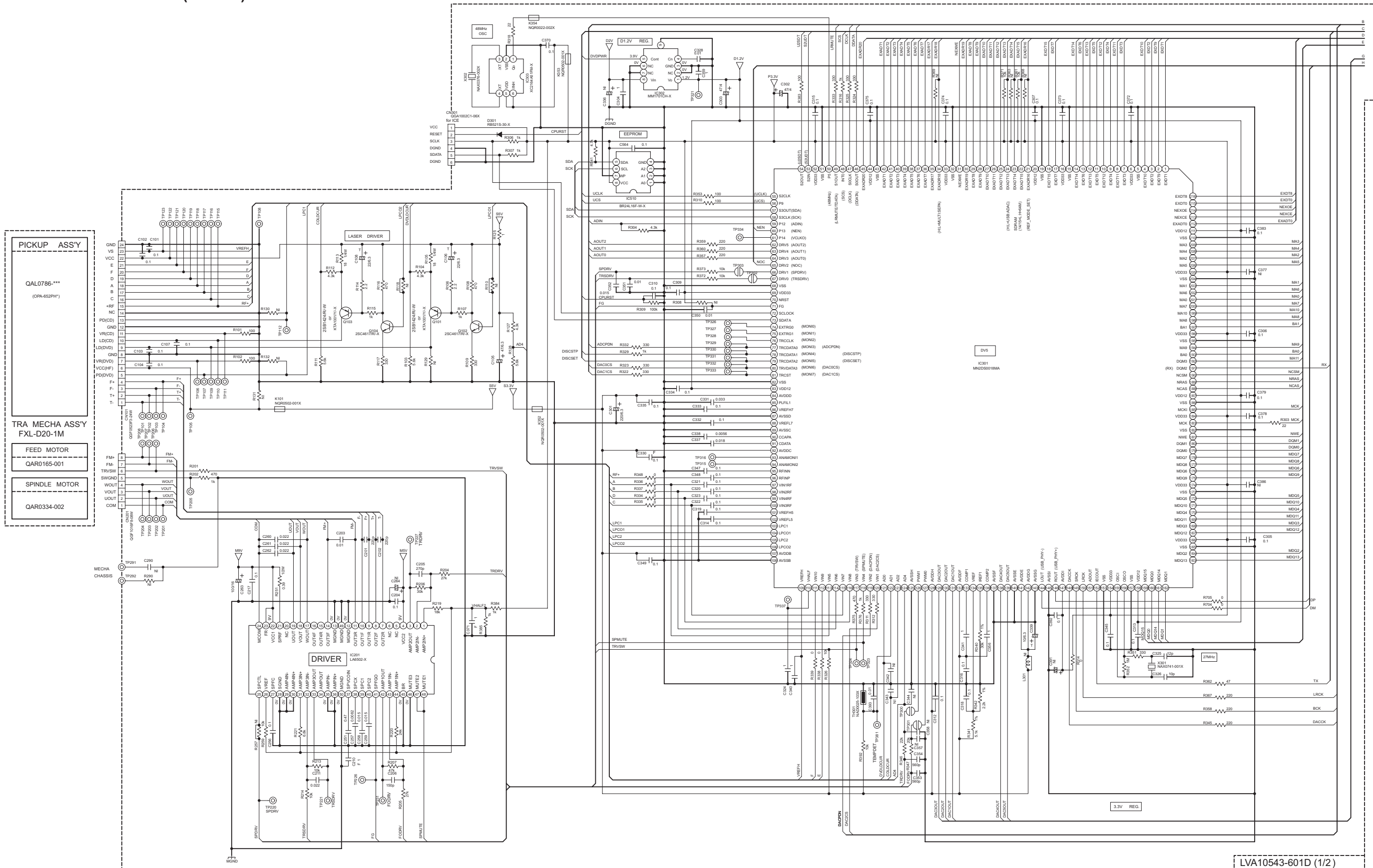
■ Audio section (DX-J36)



■ Cassette control section (DX-J36)

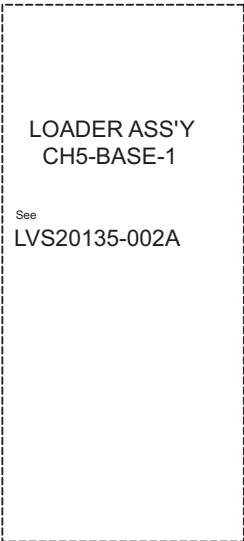


■ Front end section 1 (DX-J36)

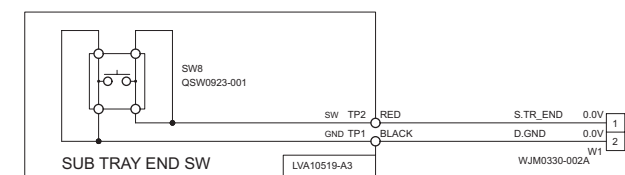


LVA10543-601D (1/2)

■ Front end section 2 (DX-J36)

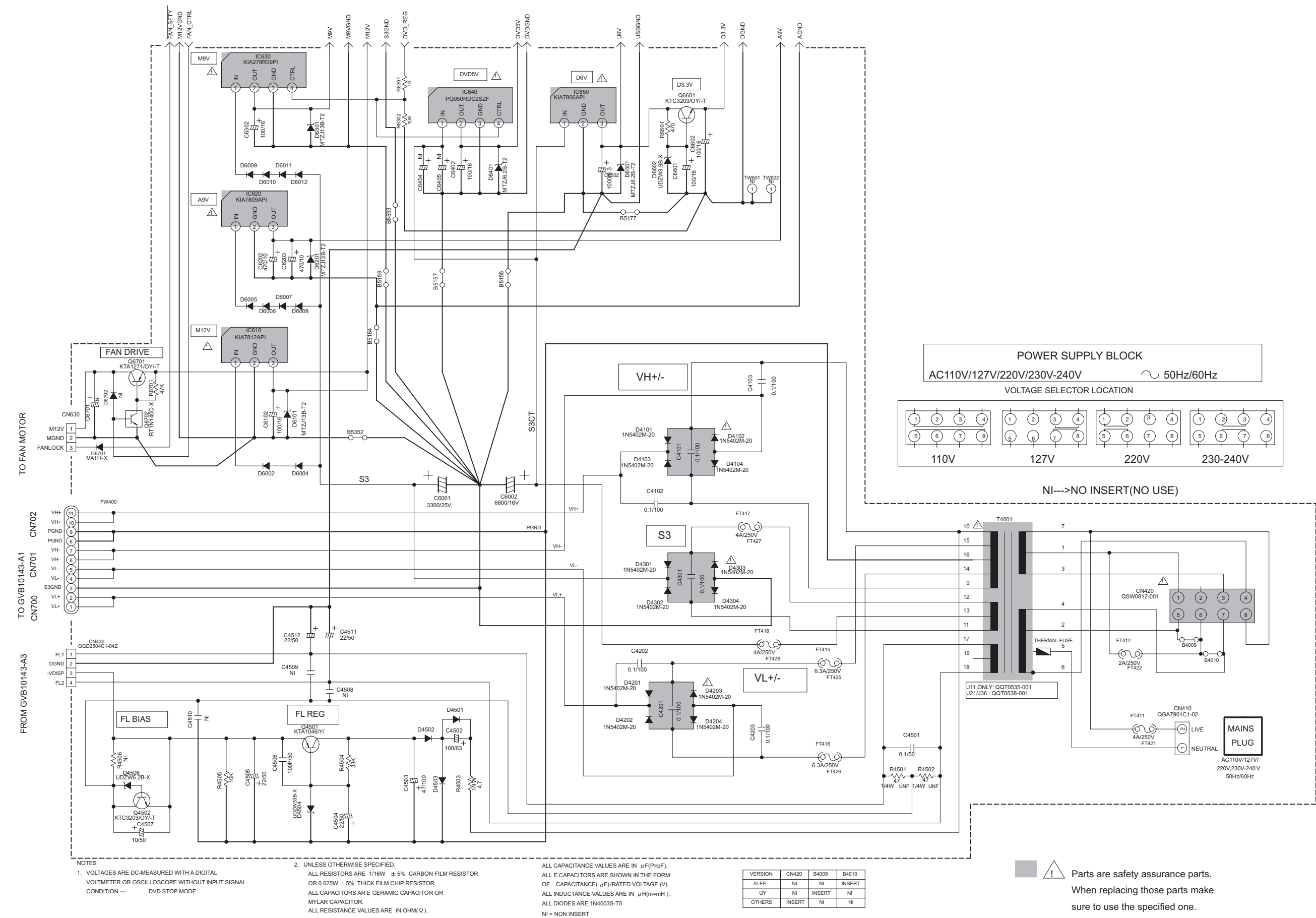


The schematic diagram illustrates the internal circuitry of the LVA10543-601D (3/3). It features a 3.3V input (P3.3V) connected to a network of resistors (R859, R860, R861) and capacitors (C851, C852). A 5V regulator (5V REG) is shown, along with various other components like IC851 (M81765AF-X), IC852 (2205AF), and IC853 (K811043-X). The diagram also includes a 5V input (P5V) and a 5V output (P5V) section. The schematic is labeled with component values and pin numbers, and is identified as LVA10543-601D (3/3).

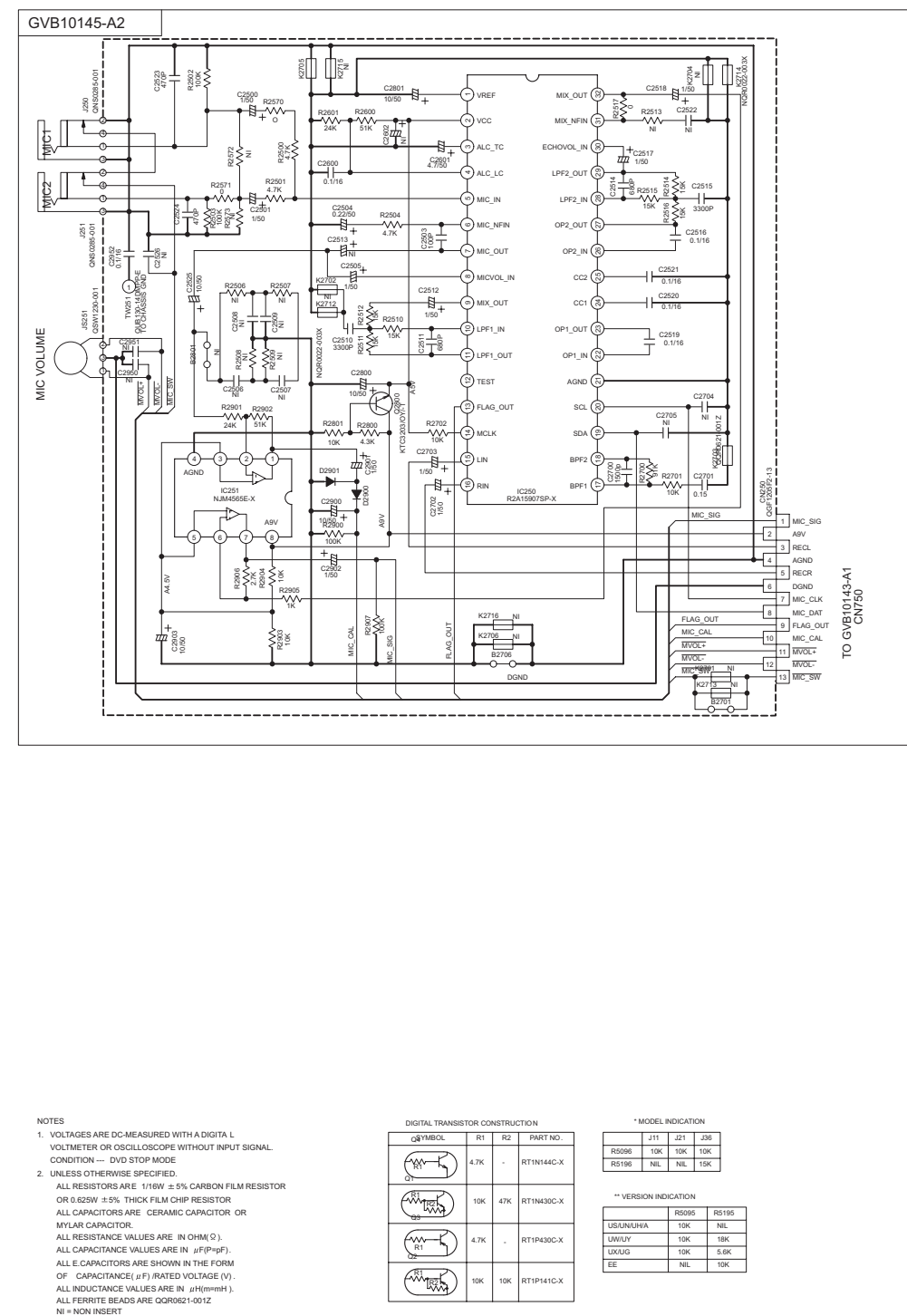
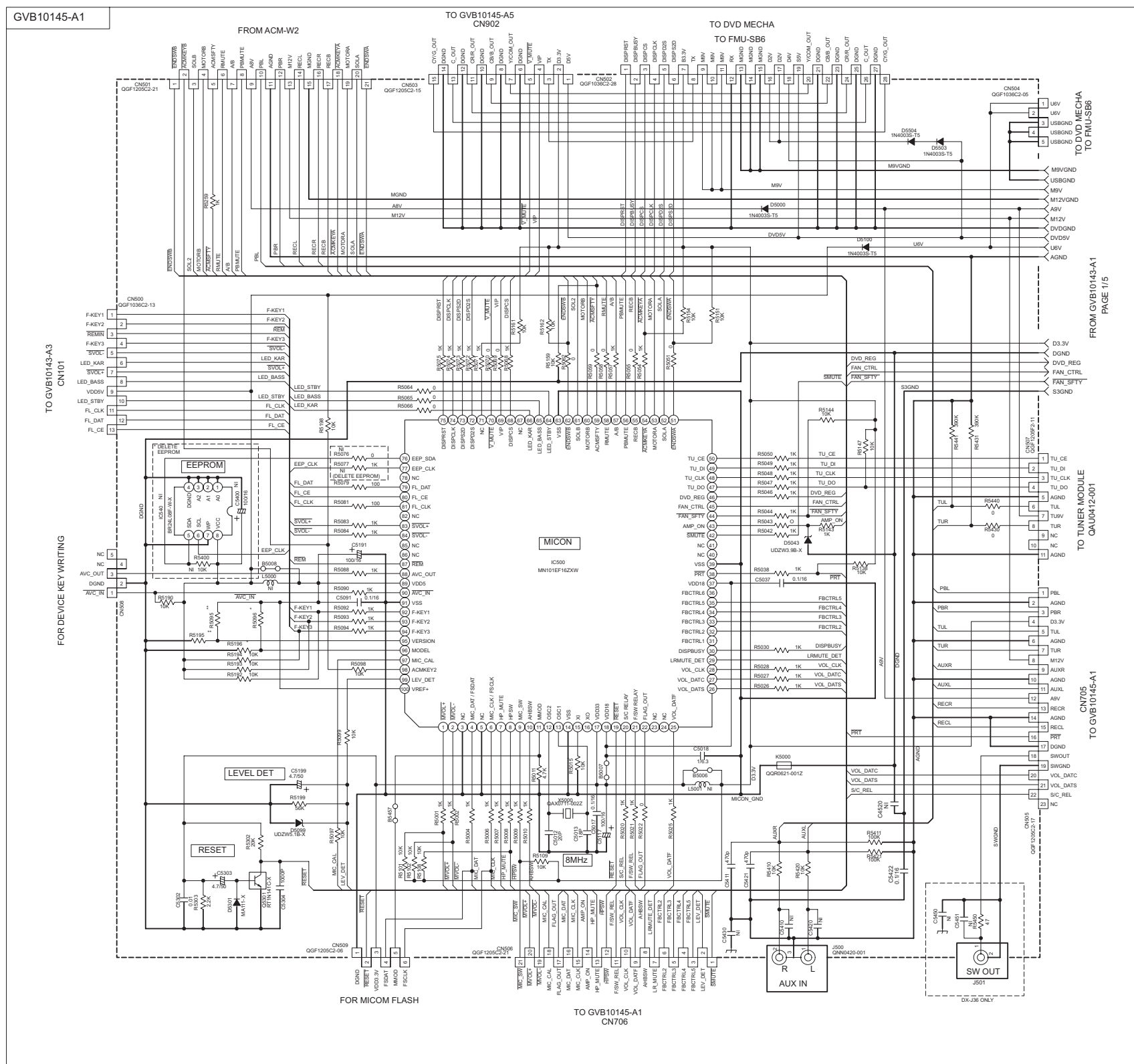
[illegible]

2-11

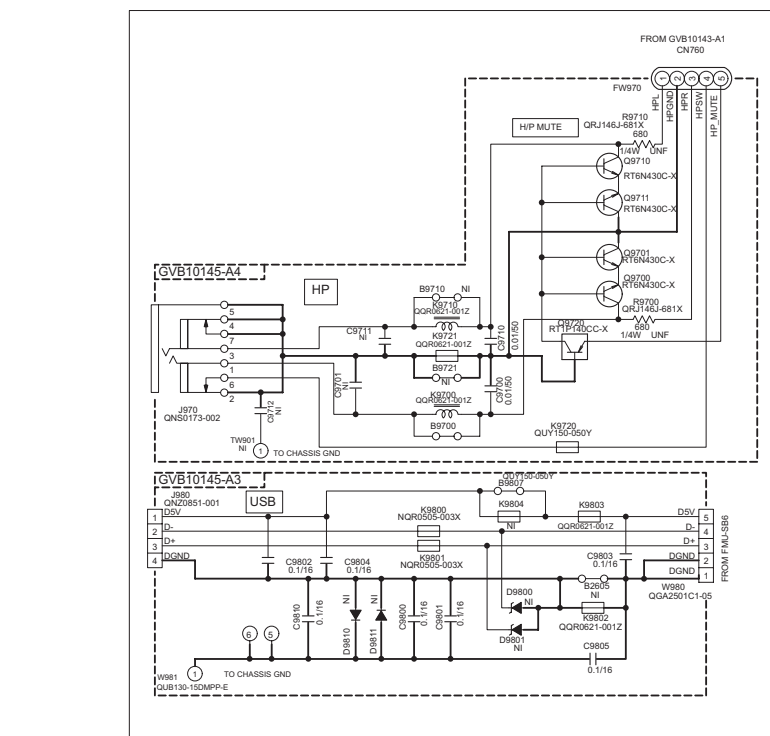
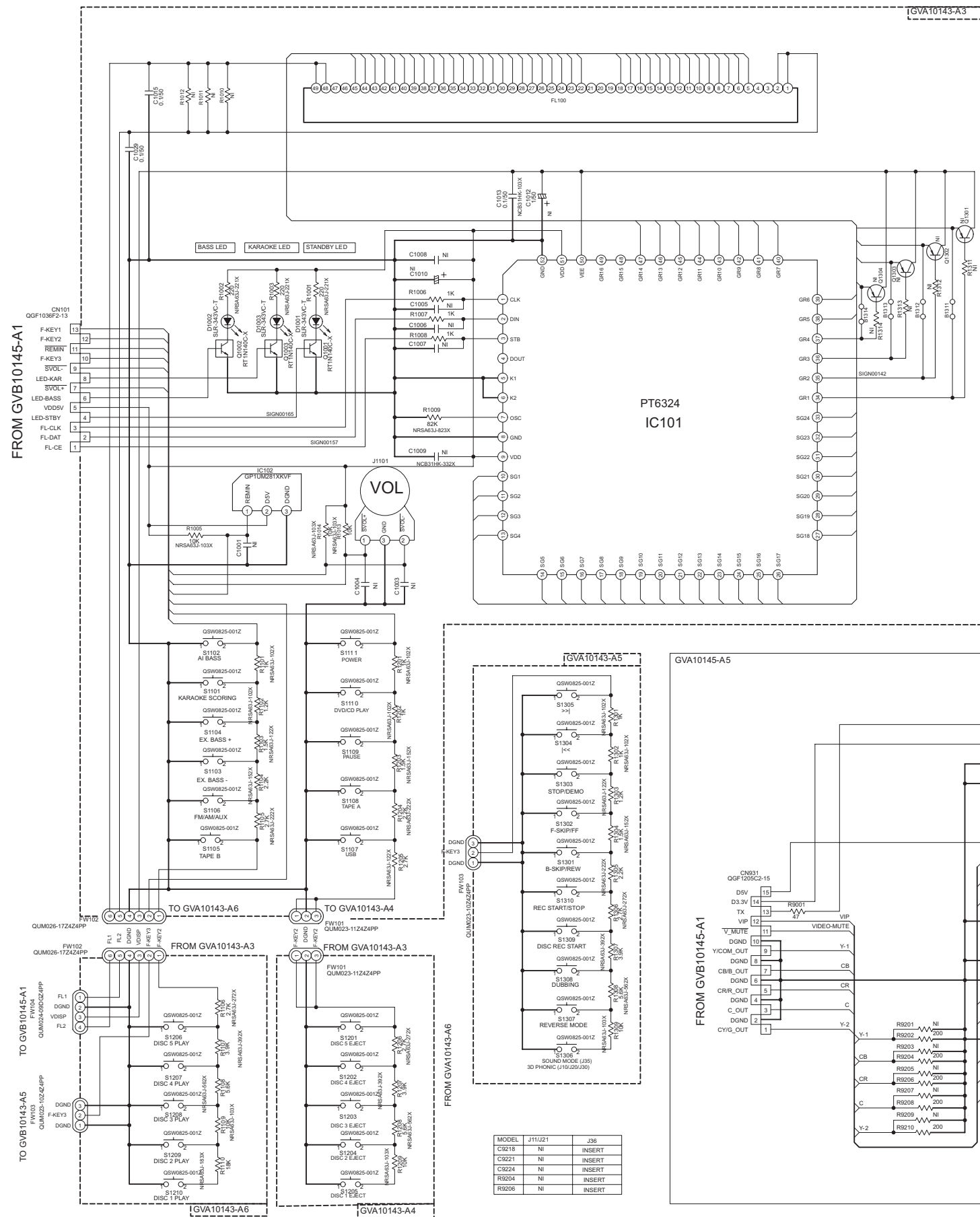
■ Primary section (DX-J21,DX-J11)



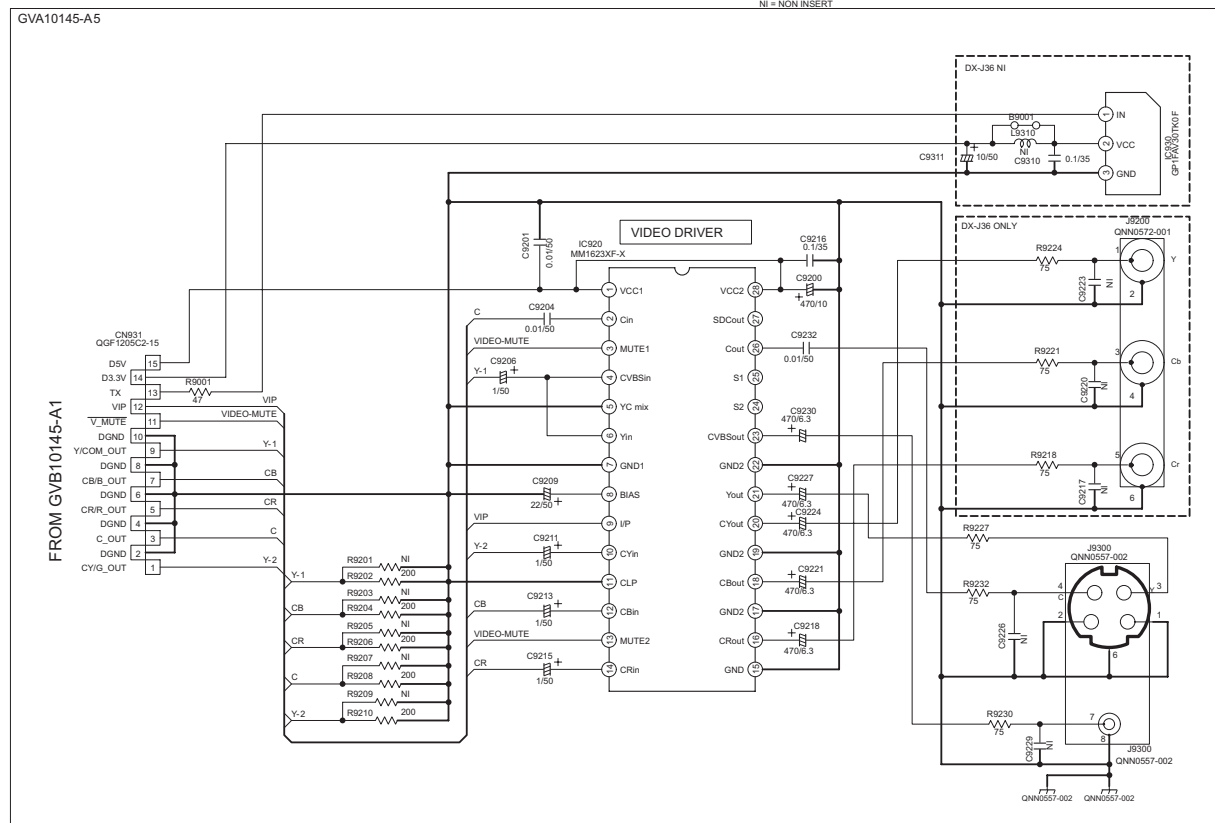
■ Micom section (DX-J21,DX-J11)



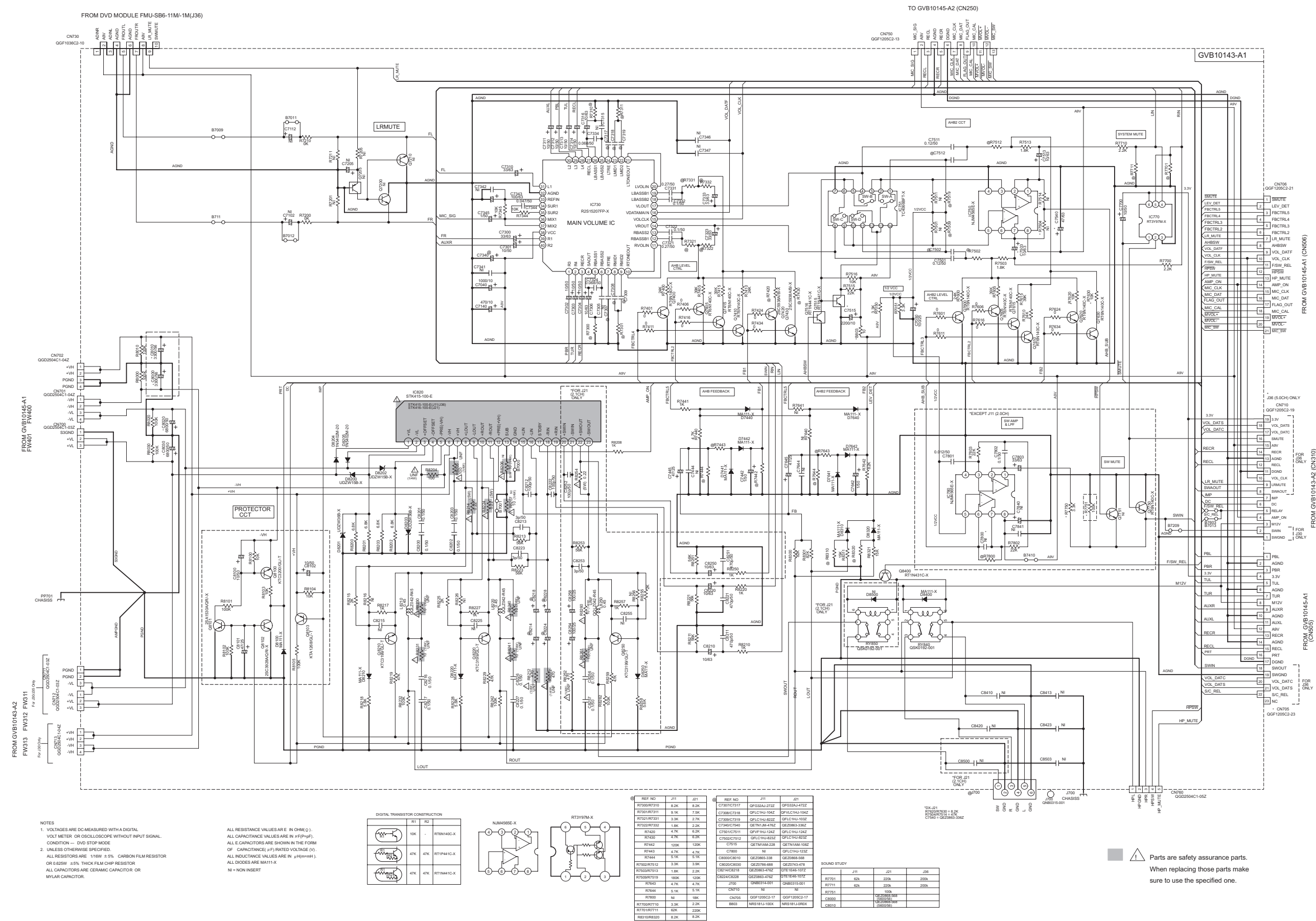
■ Front section (DX-J21,DX-J11)



- NOTES
1. VOLTAGES ARE DC-MEASURED WITH A DIGITA L VOLTMETER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL.
CONDITION --- DVD STOP MODE
 2. UNLESS OTHERWISE SPECIFIED:
ALL RESISTORS ARE 1/16W $\pm$ 5% CARBON FILM RESISTOR
OR 0.625W $\pm$ 5% THICK FILM CHIP RESISTOR
ALL CAPACITORS ARE CERAMIC CAPACITOR OR
MYLAR CAPACITOR.
ALL RESISTANCE VALUES ARE IN OHM (Ω).
ALL CAPACITANCE VALUES ARE IN μ F(PpF).
ALL E.CAPACITORS ARE SHOWN IN THE FORM
OF CAPACITANCE (μ F) RATED VOLTAGE (V).
ALL INDUCTANCE VALUES ARE IN μ H(mmH) .
ALL DIODES ARE MA111-X
NI = NON INSERT



■ Audio section (DX-J21,DX-J11)



■ Cassette control section (DX-J21,DX-J11)

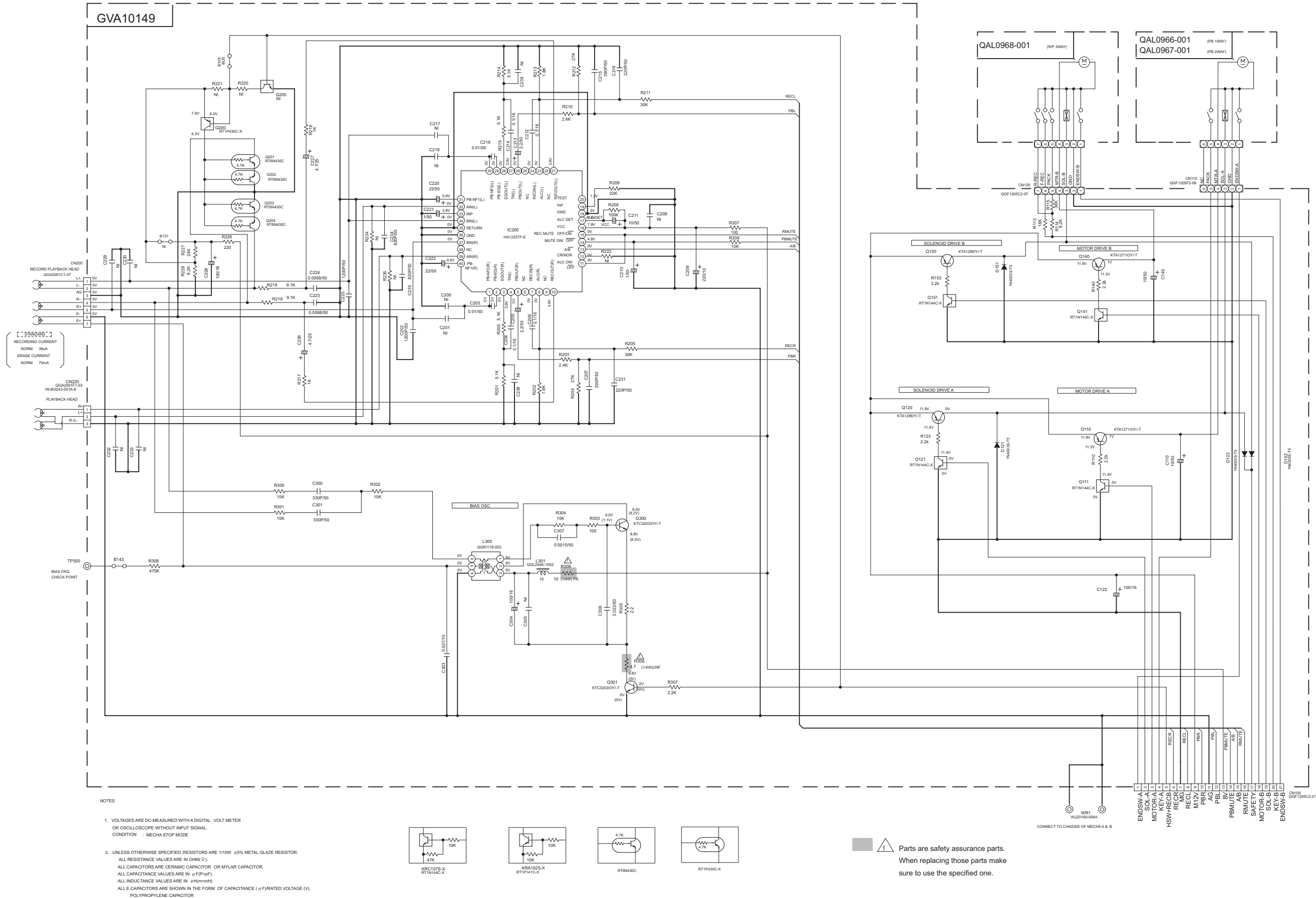
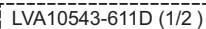
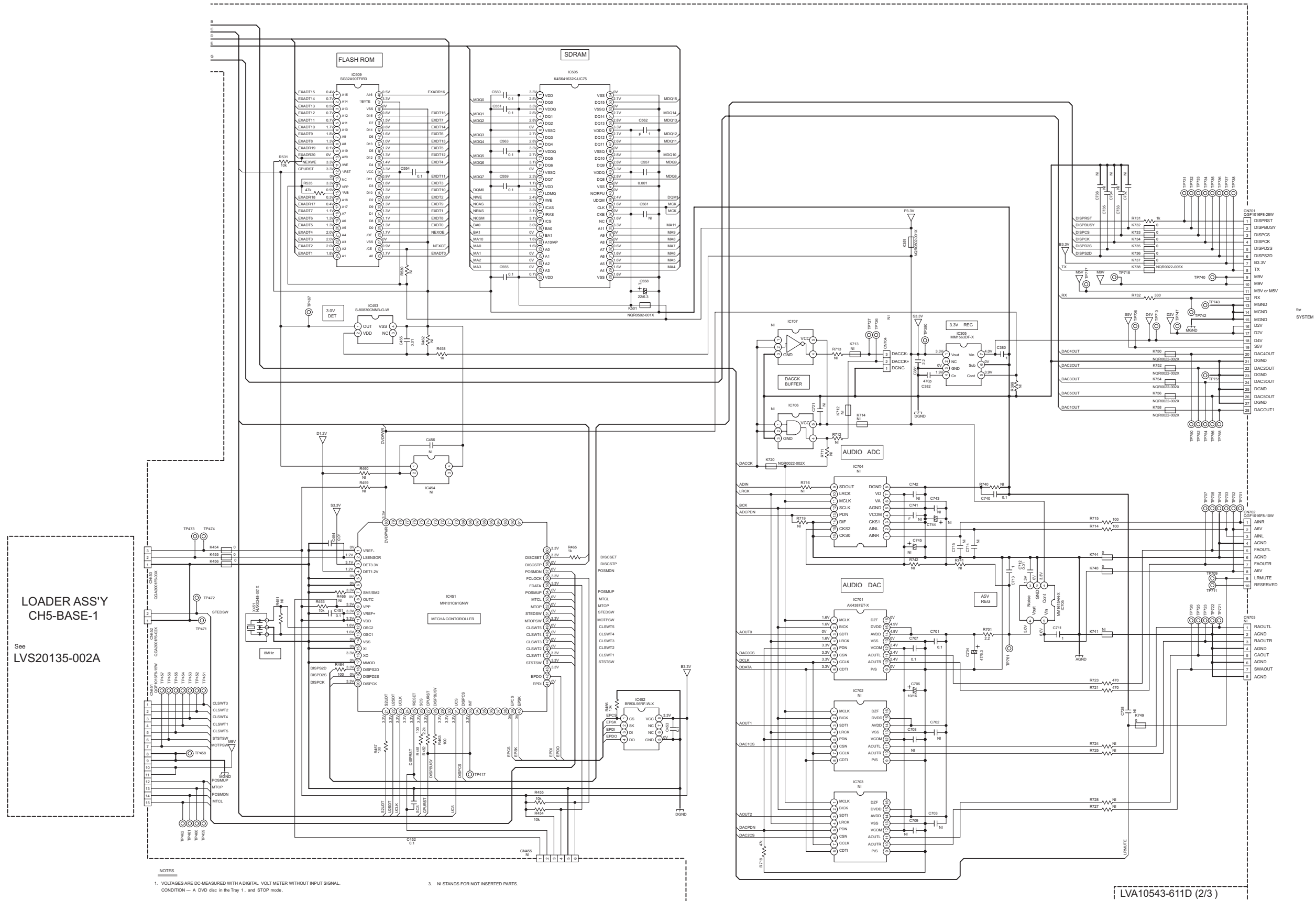


Diagram of the TRA MECHA ASSY (FXL-D20-1M) showing its components and part numbers:

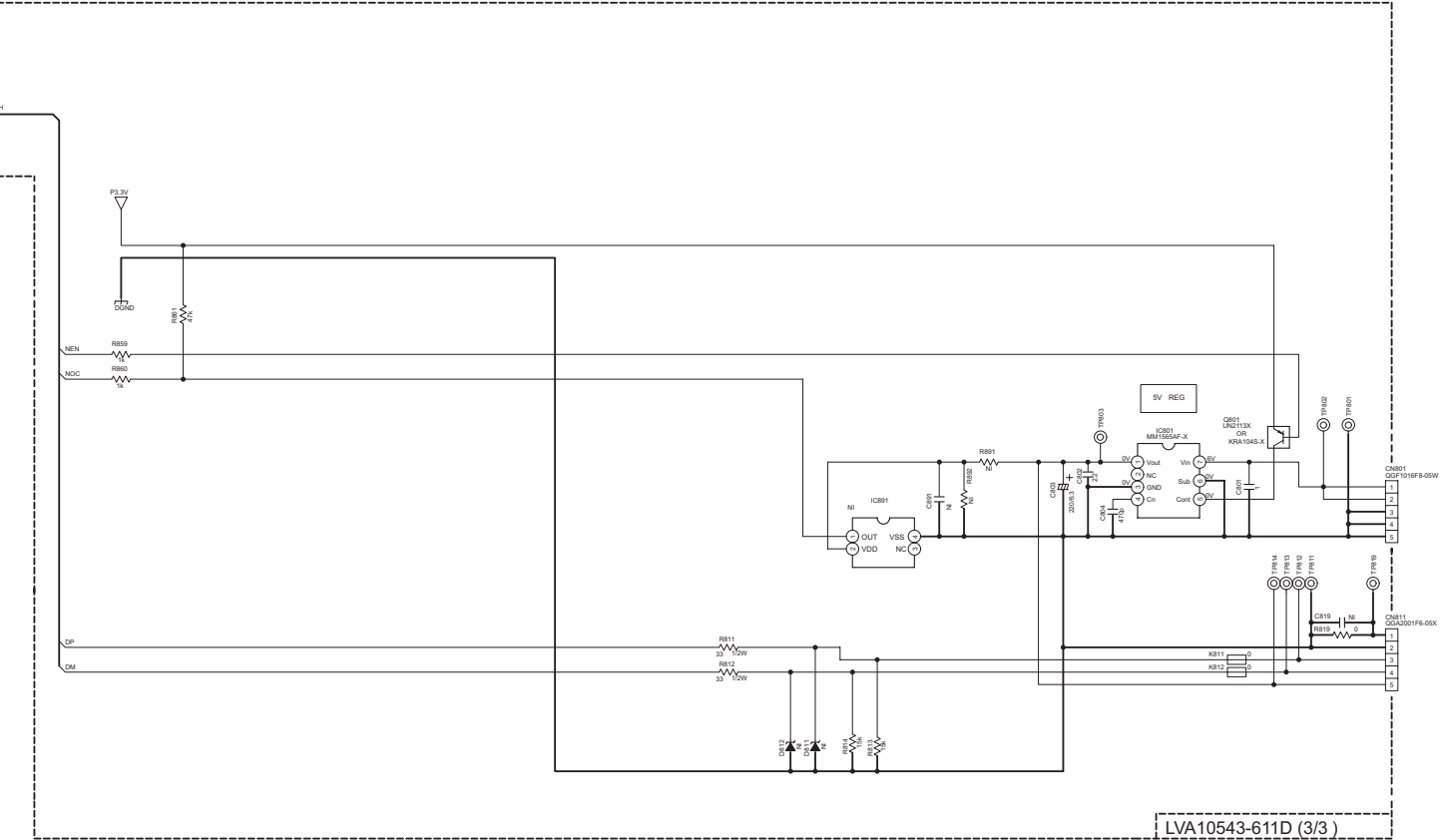
- PICKUP ASSY** (Top component)
- QAL0786-***** (Part number for Pickup Assy)
- (OPR-652PH*)** (Note for Pickup Assy)
- TRA MECHA ASSY FXL-D20-1M** (Main assembly)
- FEED MOTOR** (Bottom component)
- QAR0165-001** (Part number for Feed Motor)
- SPINDLE MOTOR** (Bottom component)
- QAR0334-002** (Part number for Spindle Motor)



■ Front end section 2 (DX-J21,DX-J11)

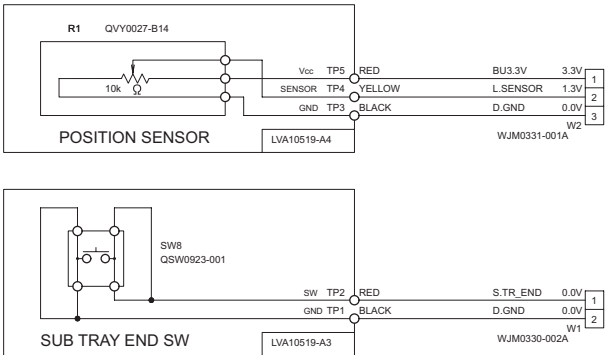
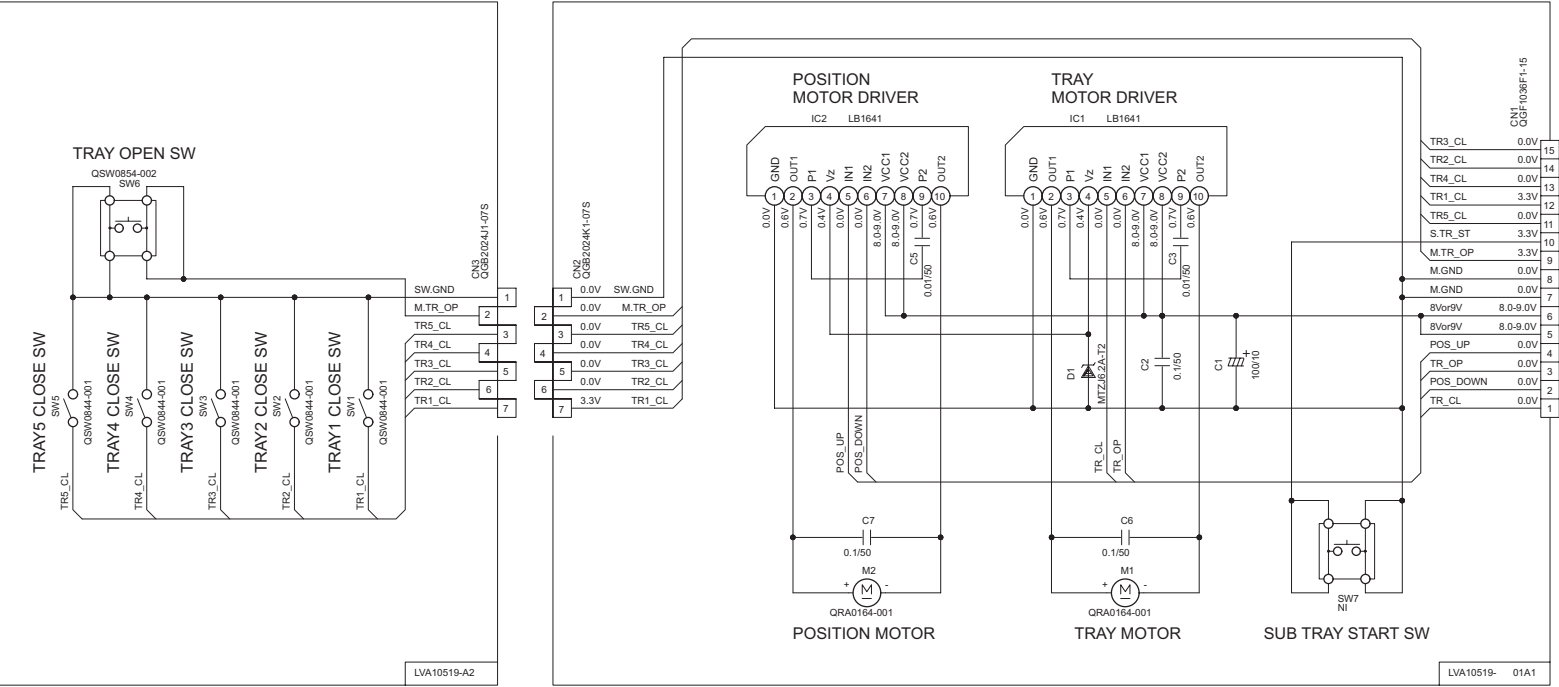


■ Front end section 3 (DX-J21,DX-J11)



- NOTES
- VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER. WITHOUT INPUT SIGNAL.
CONDITION --- A DVD disc in the Tray 1, and STOP mode.
 - UNLESS OTHERWISE SPECIFIED.
ALL RESISTORS ARE 1/16W ± 5% METAL GLAZE RESISTOR. OR 0.5% METAL GLAZE RESISTOR.
ALL CAPACITORS ARE 50V, 25V, 16V, 10V or 6.3V CERAMIC CAPACITOR.
ALL RESISTANCE VALUES ARE IN OHM (Ω).
ALL CAPACITANCE VALUES ARE IN pF(μF).
ALL CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(μF)/RATED VOLTAGE (V).
ALL INDUCTANCE VALUES ARE IN μH(mmH).
 - NI STANDS FOR NOT INSERTED PARTS.
- 4.DIGITAL TRANSISTOR
- UN2113-X = 47k

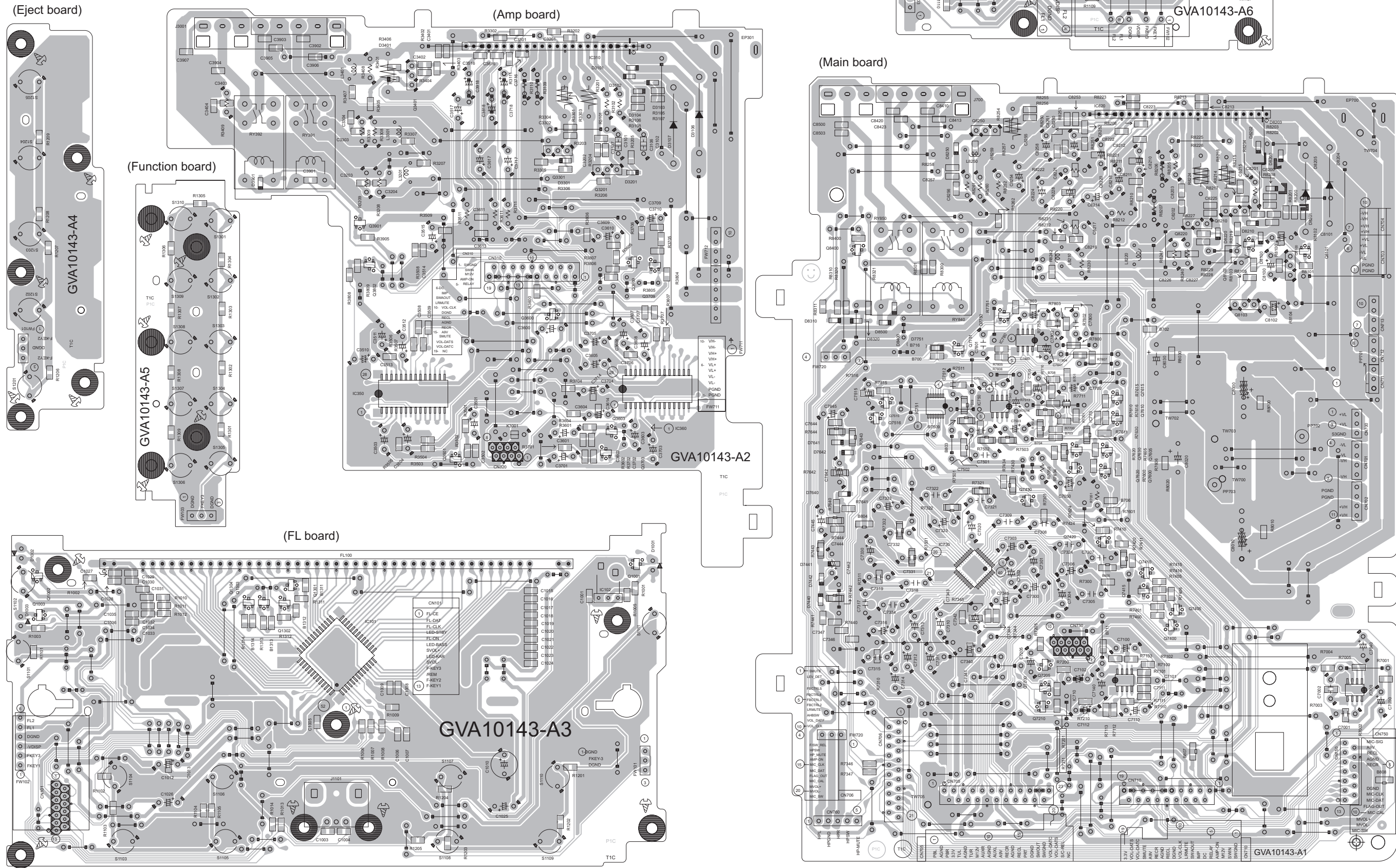
■ Loader section (DX-J21,DX-J11)



- NOTES
- VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER.
CONDITION: DISC1 STOP
 - UNLESS OTHERWISE SPECIFIED.
ALL CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(μF)/RATED VOLTAGE(V).
 - NI STANDS FOR NOT INSERTED PARTS.

Printed circuit 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)



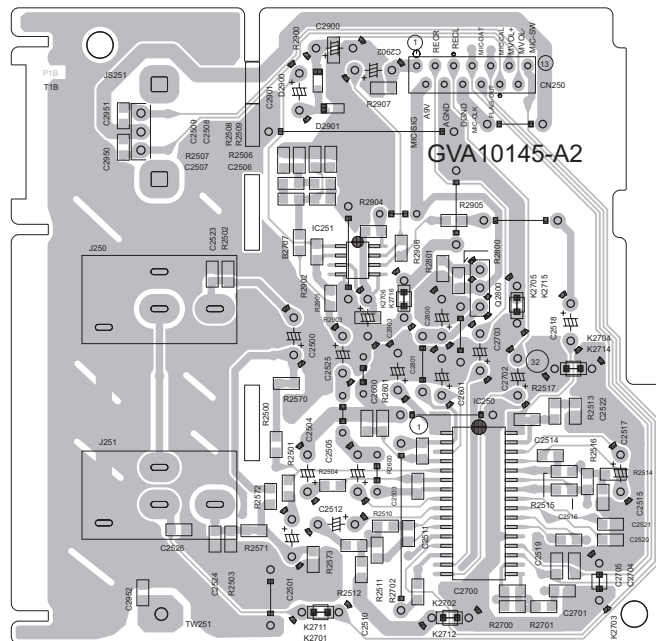
■ Micom board	Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)
	Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade)

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

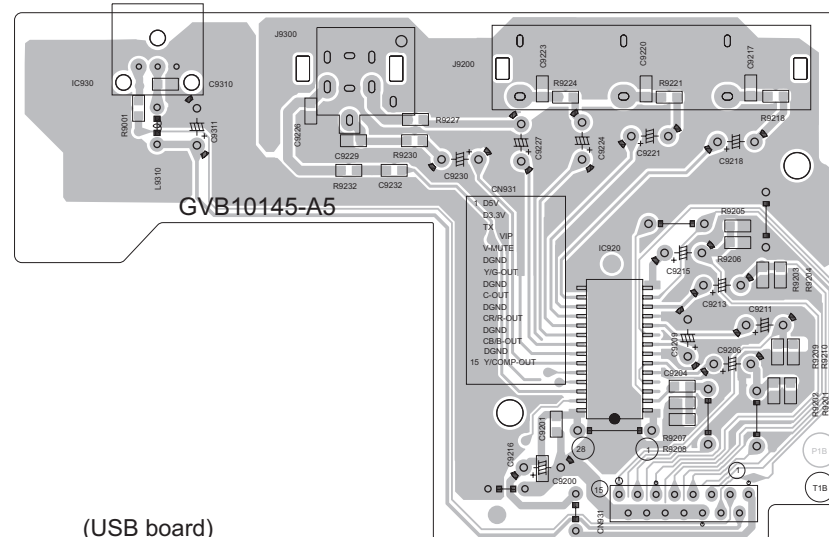
Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade)

(Micom board)

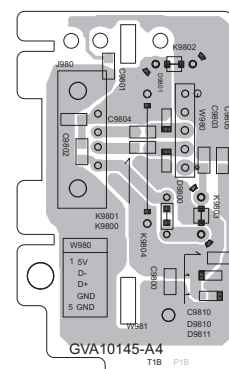
(Mic board)



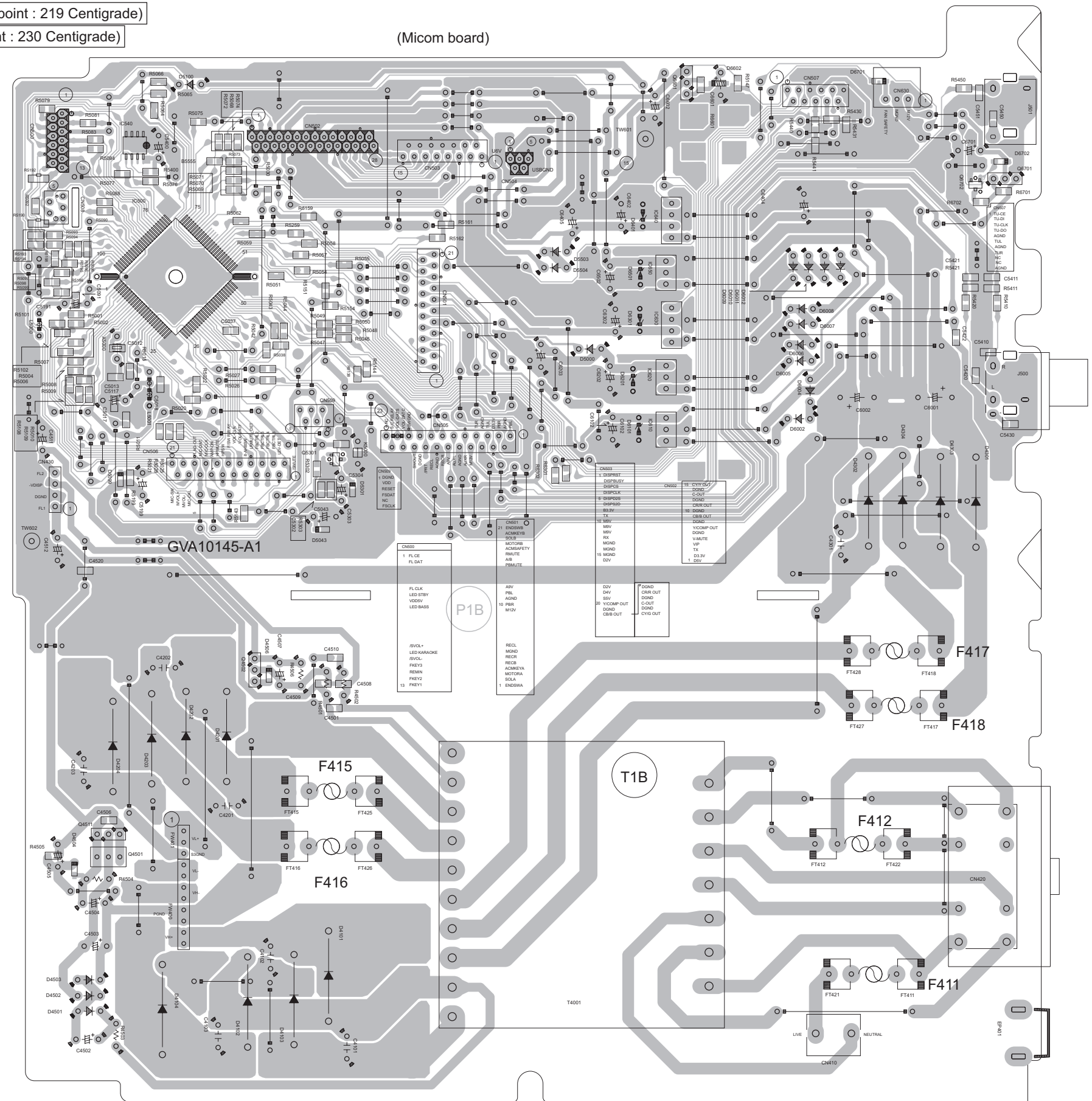
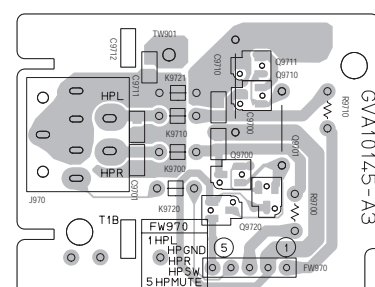
(Video board)



(USB board)



(Headphone board)

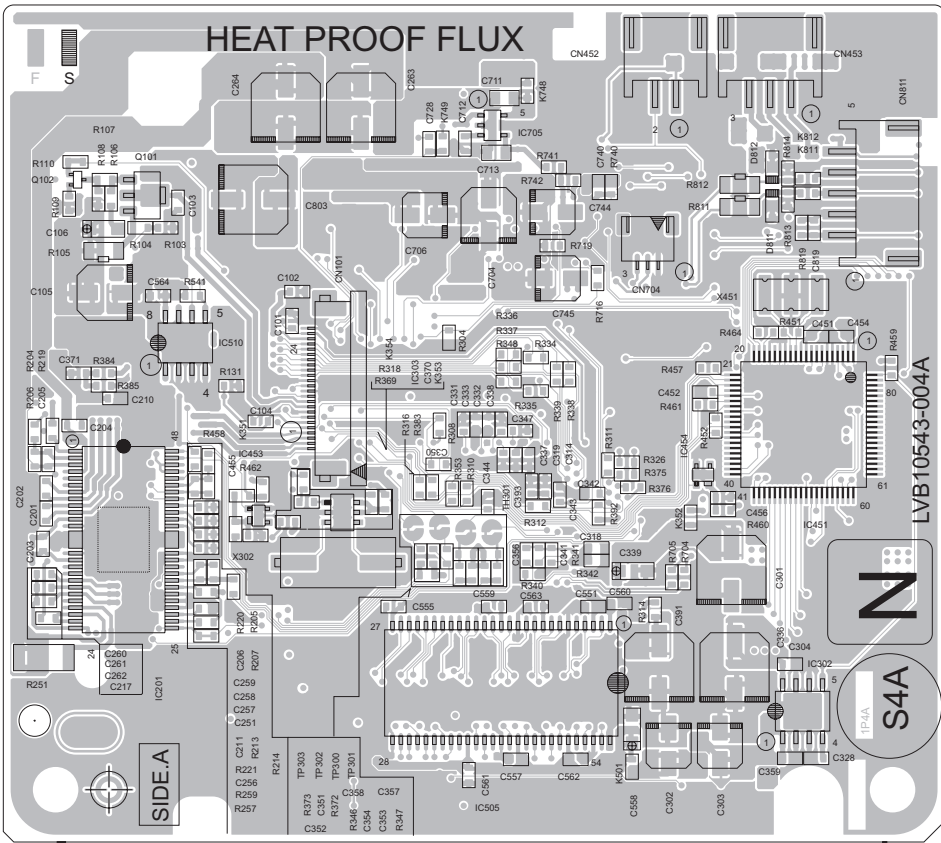


■ Front end board

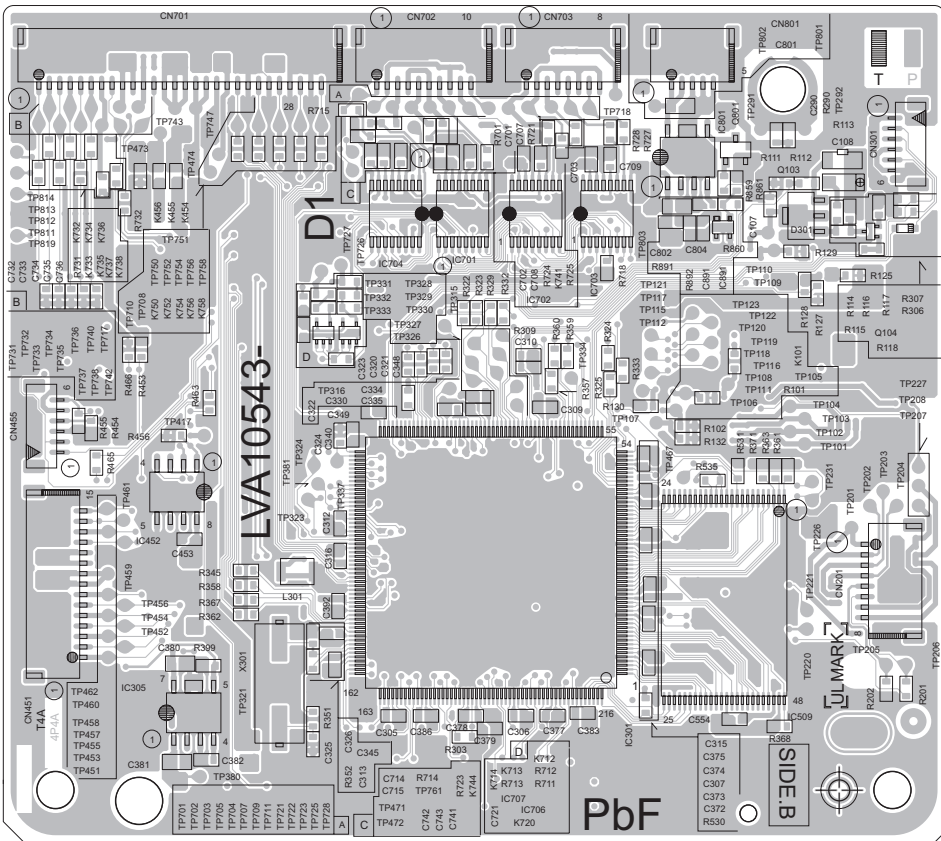
Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

forward side

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



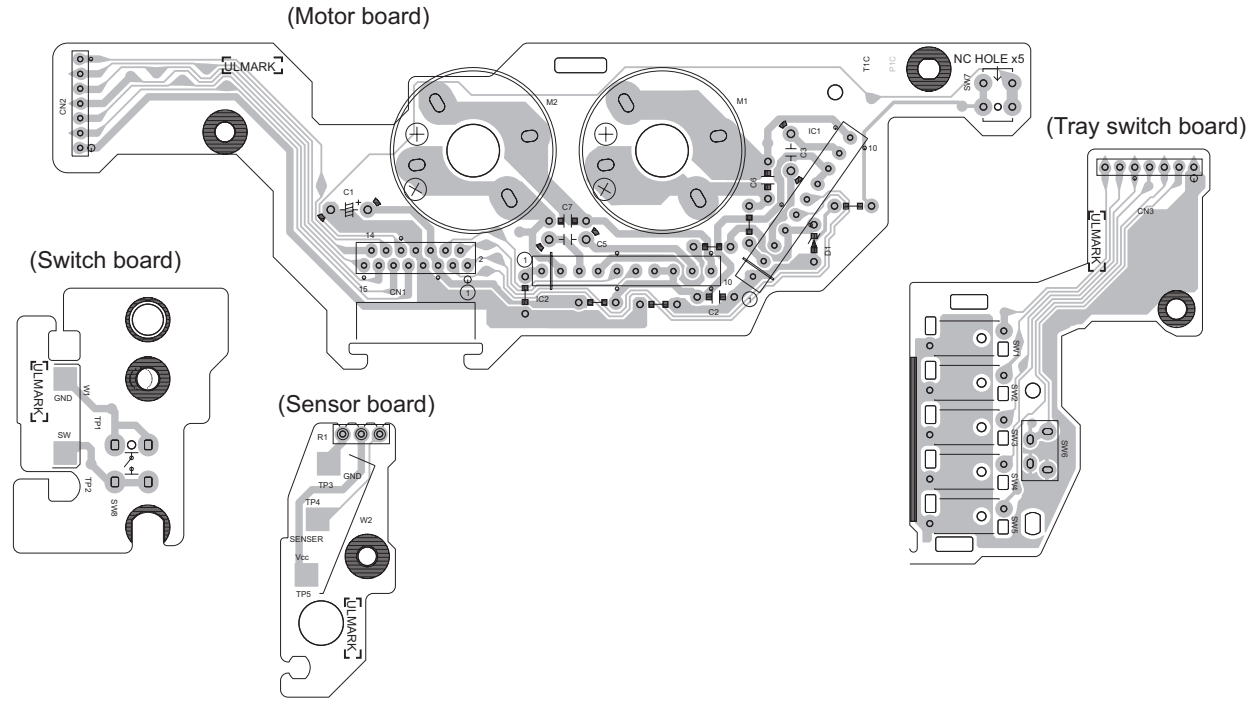
reverse side



■ **Loader board**

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

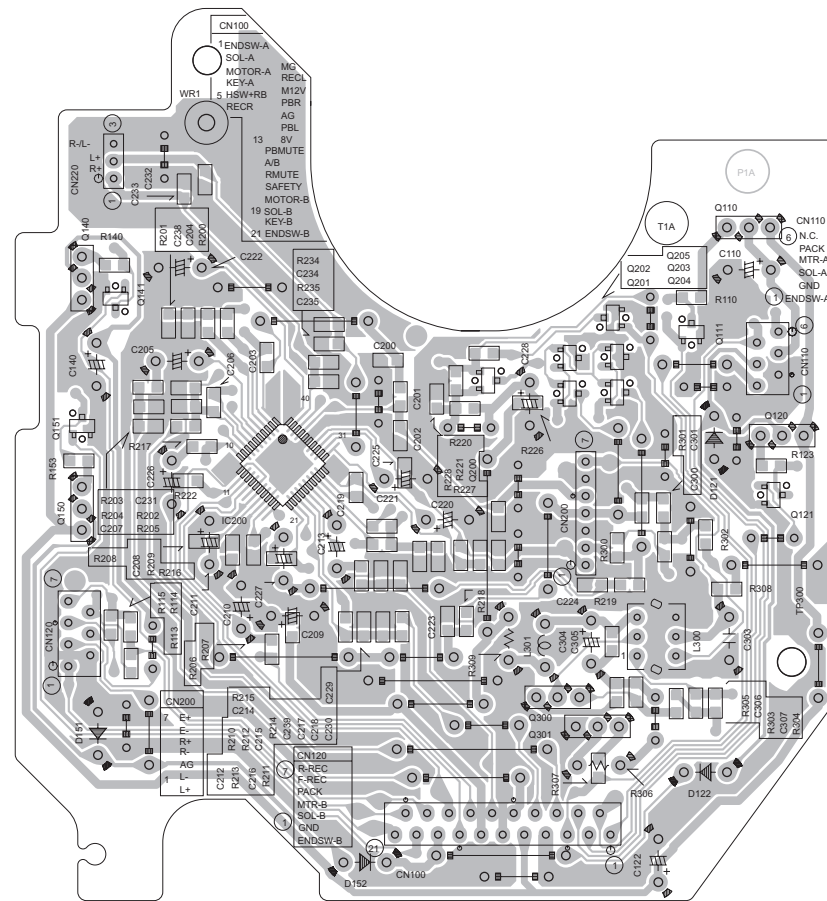
Lead free solder used in the board (material : Sn-Cu, melting point : 230 Centigrade)



■ Cassette 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)



< MEMO >



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