

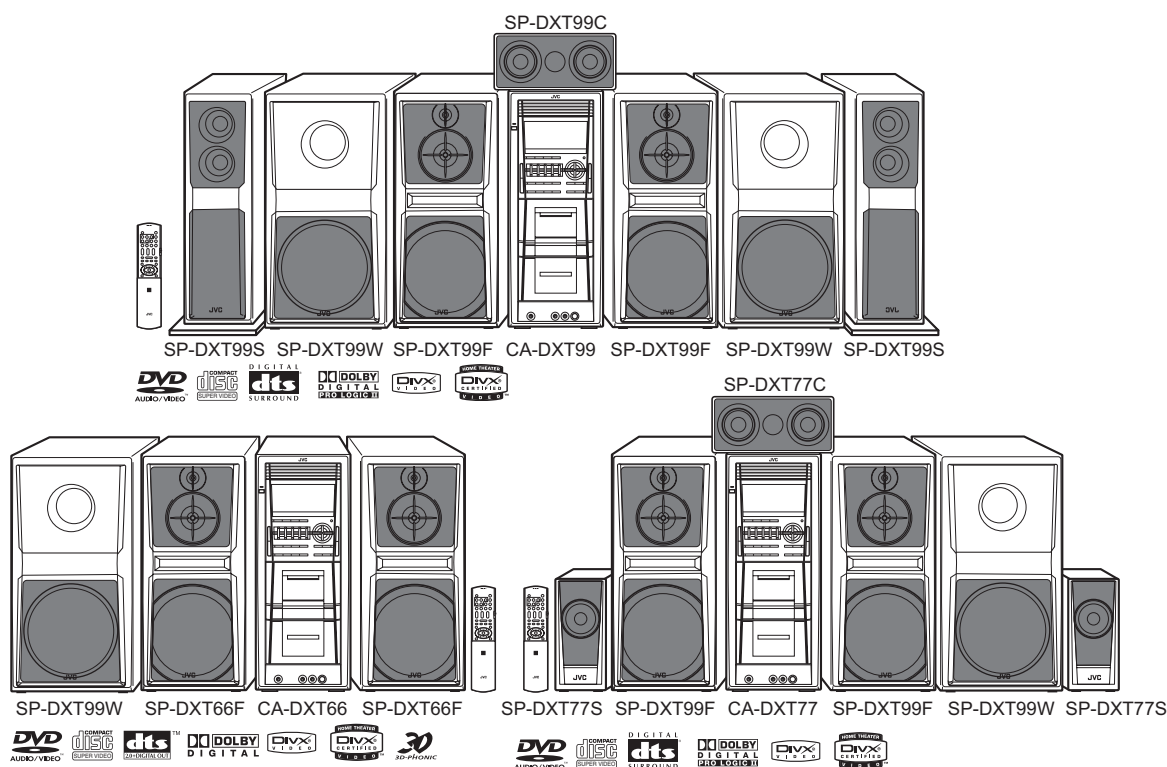
JVC

SCHEMATIC DIAGRAMS

COMPACT COMPONENT SYSTEM

**DX-T99A,DX-T99EE,DX-T99US,DX-T99UW
DX-T99UX,DX-T99UG,DX-T99UN
DX-T77EE,DX-T77US,DX-T77UW,DX-T77UX
DX-T77UY,DX-T77UG,DX-T77UN
DX-T66EE,DX-T66US,DX-T66UW,DX-T66UX
DX-T66UY,DX-T66UG,DX-T66UN**

CD-ROM No.SML200606



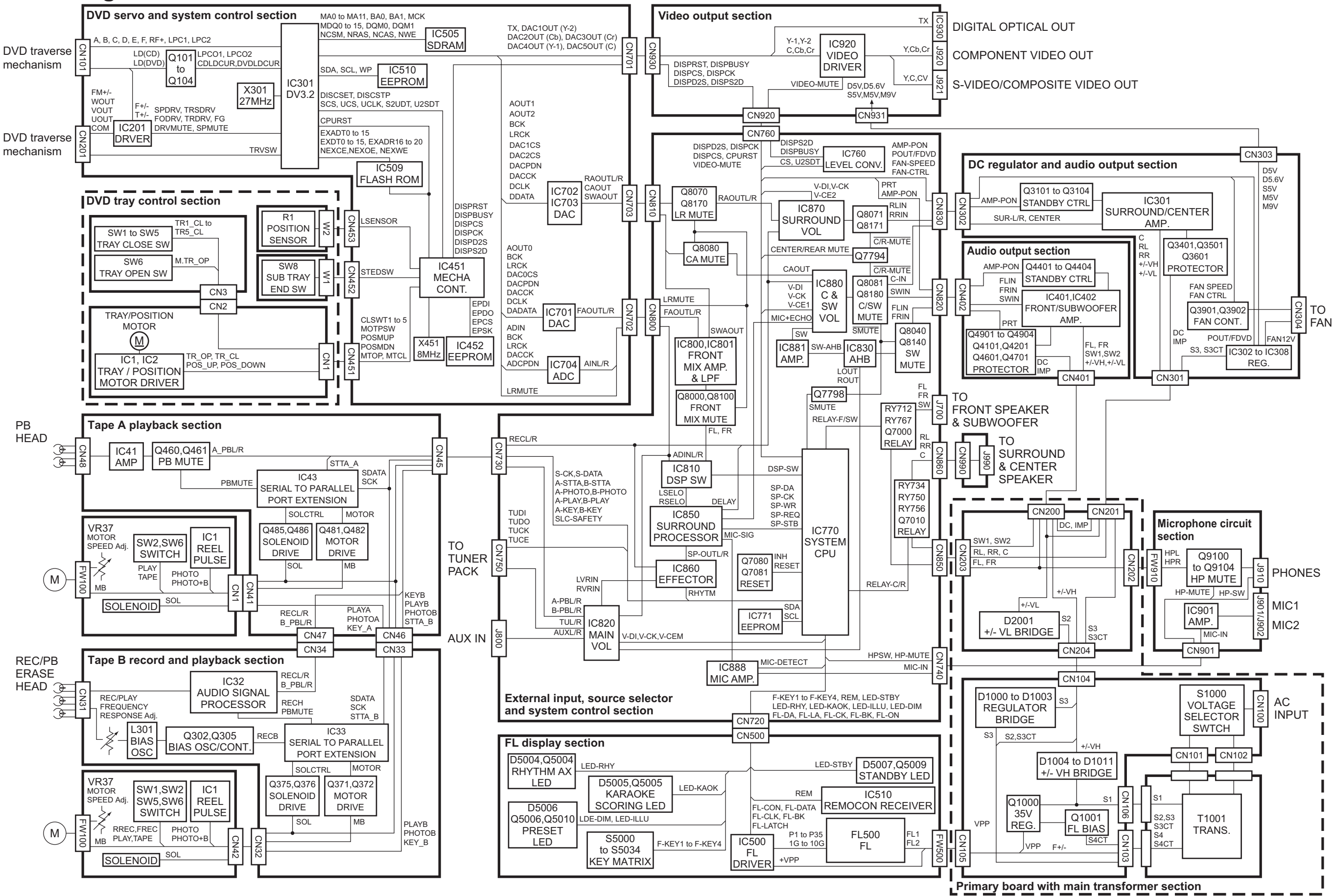
Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

Contents

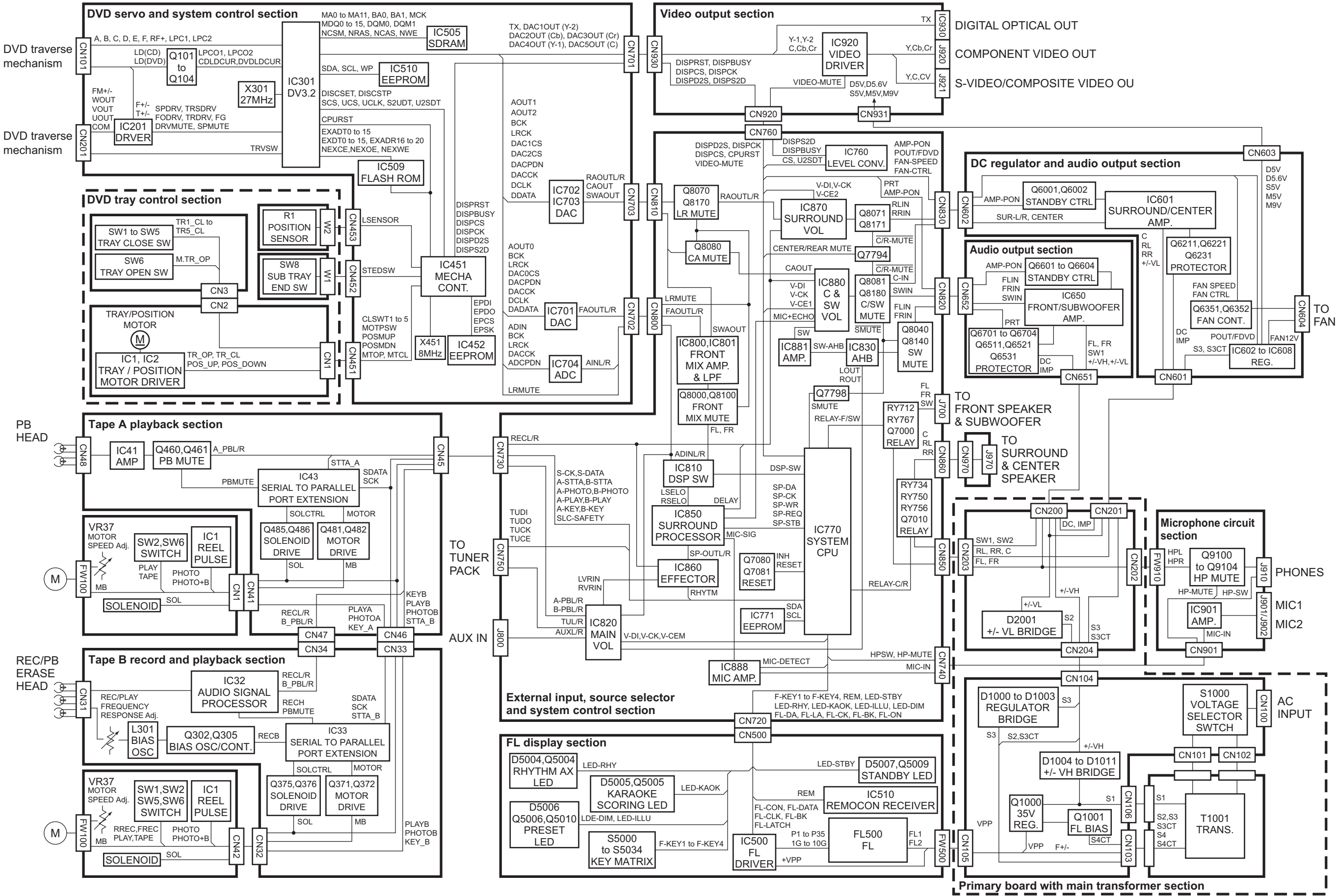
Block diagrams	2-1
Standard schematic diagrams	2-4
Printed circuit boards	2-23 to 29

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.

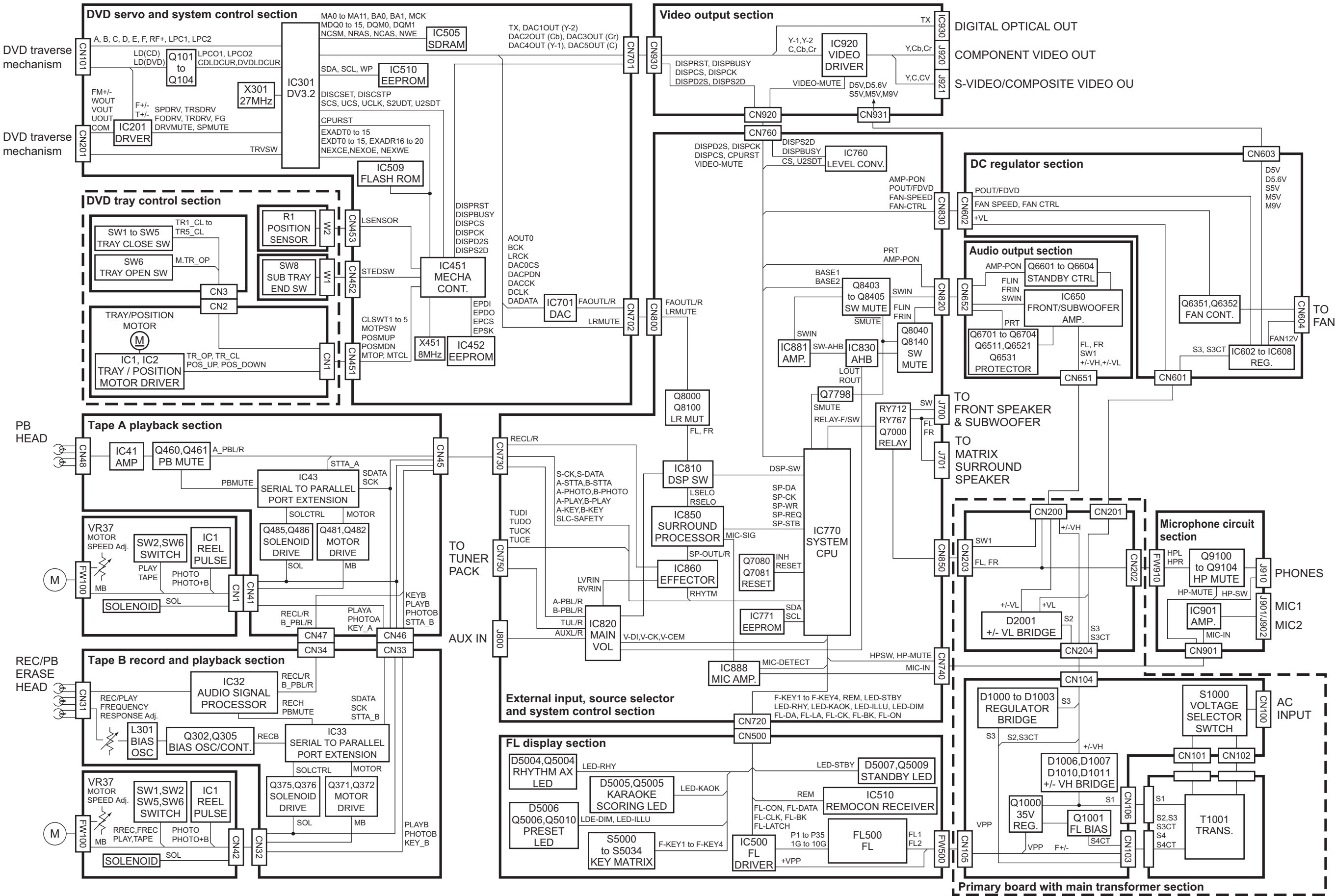
Block diagrams (for DX-T99)



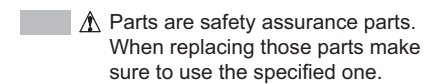
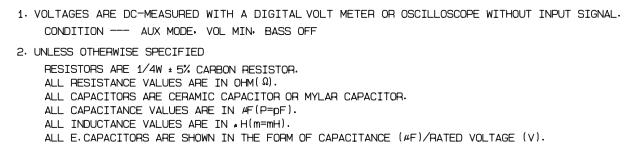
(for DX-T77)



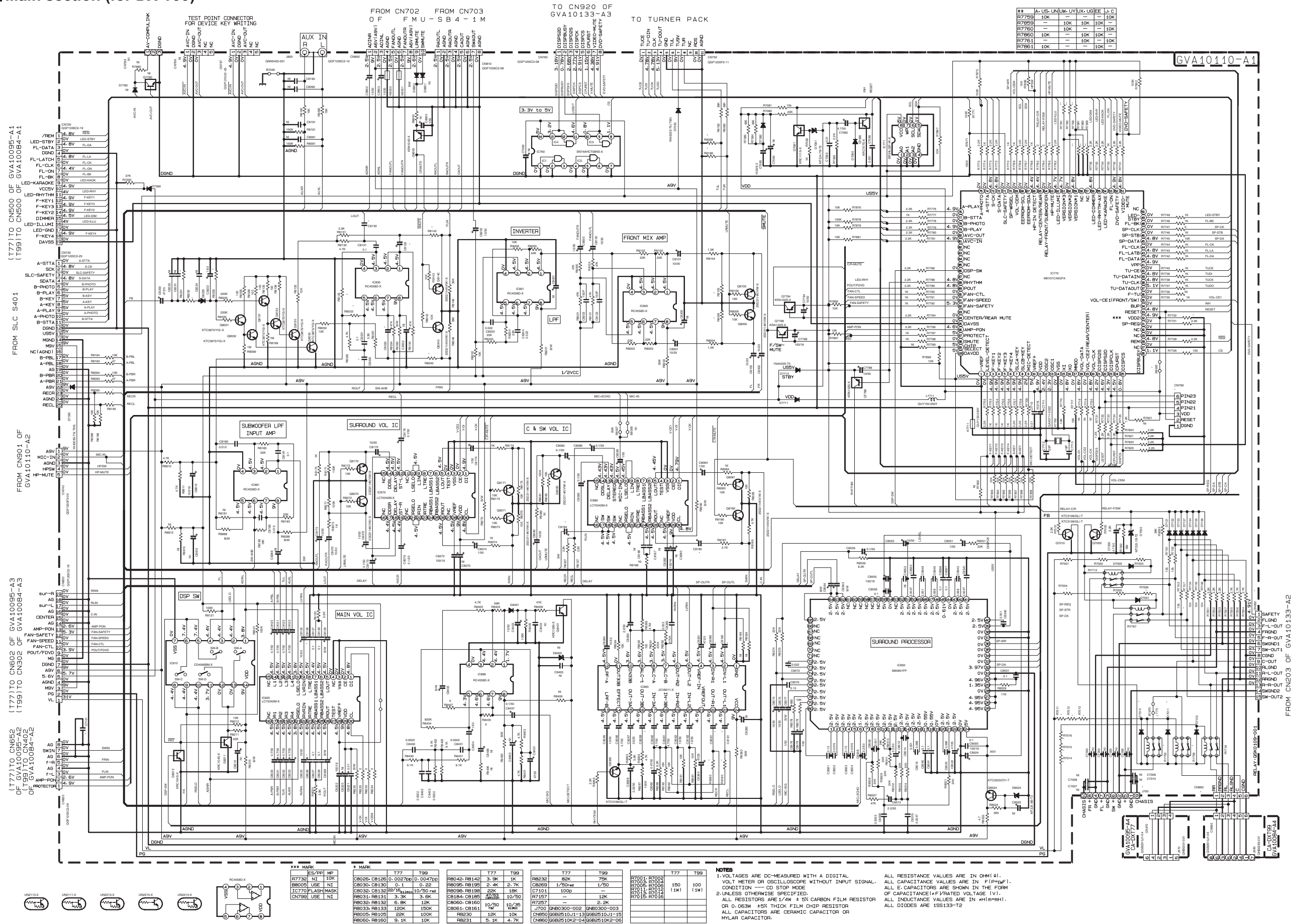
(for DX-T66)



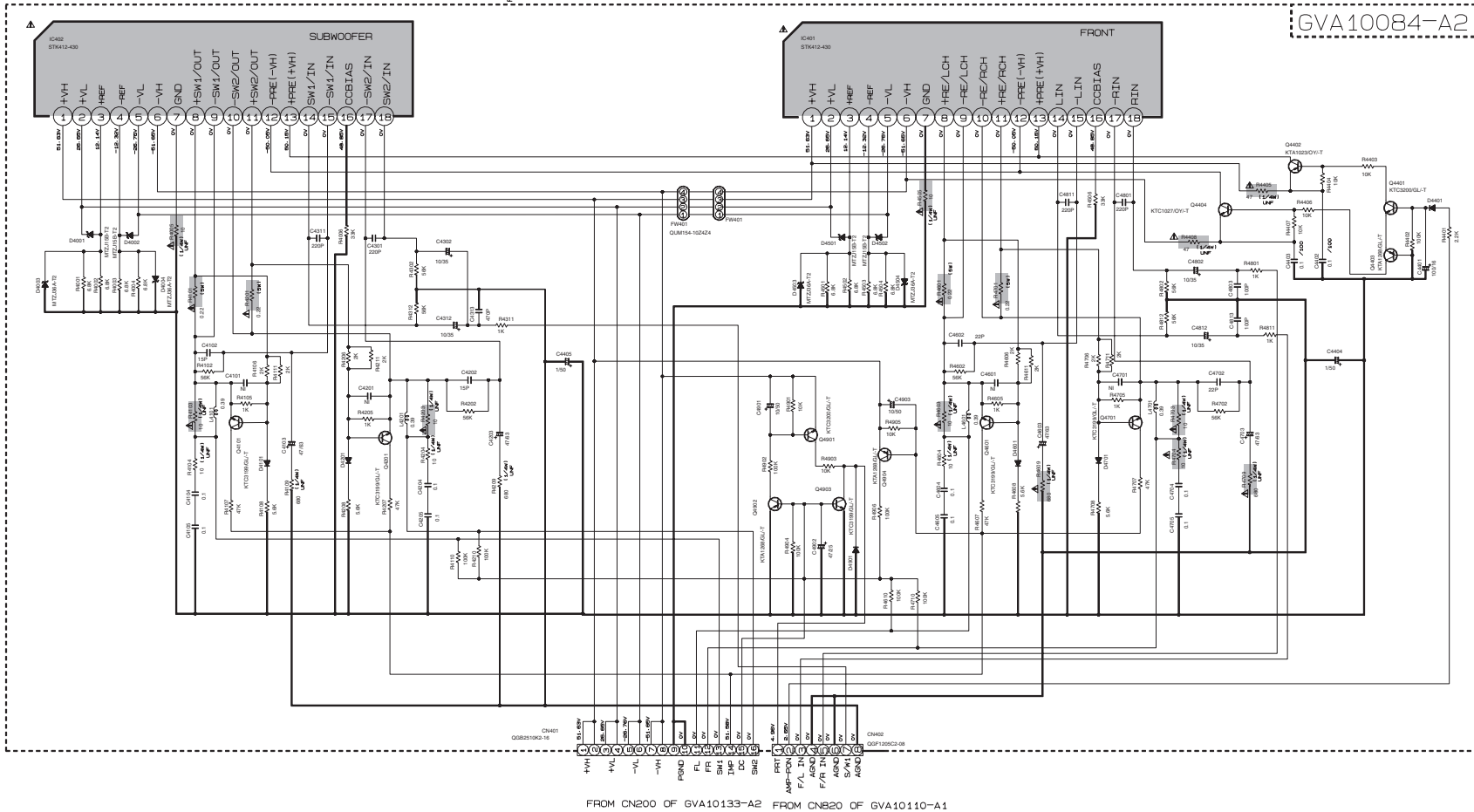
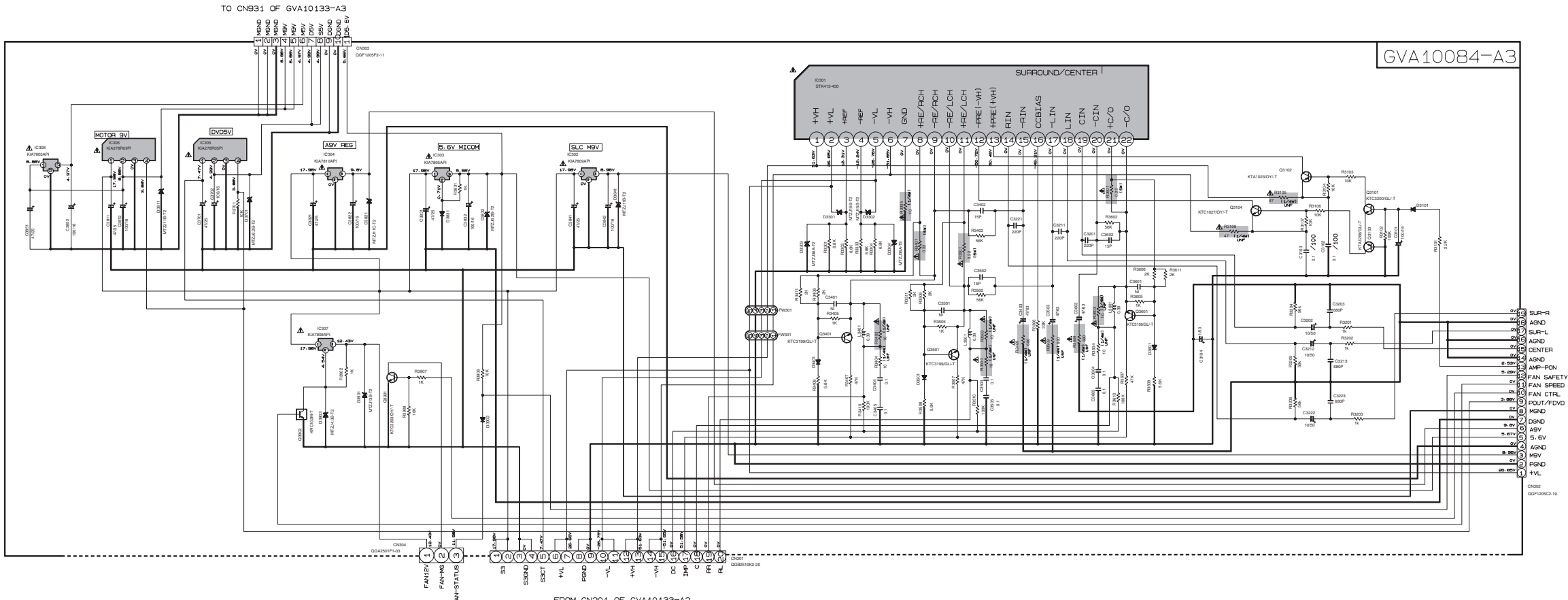
■ Primary section (for DX-T99)



■ Main section (for DX-T99)



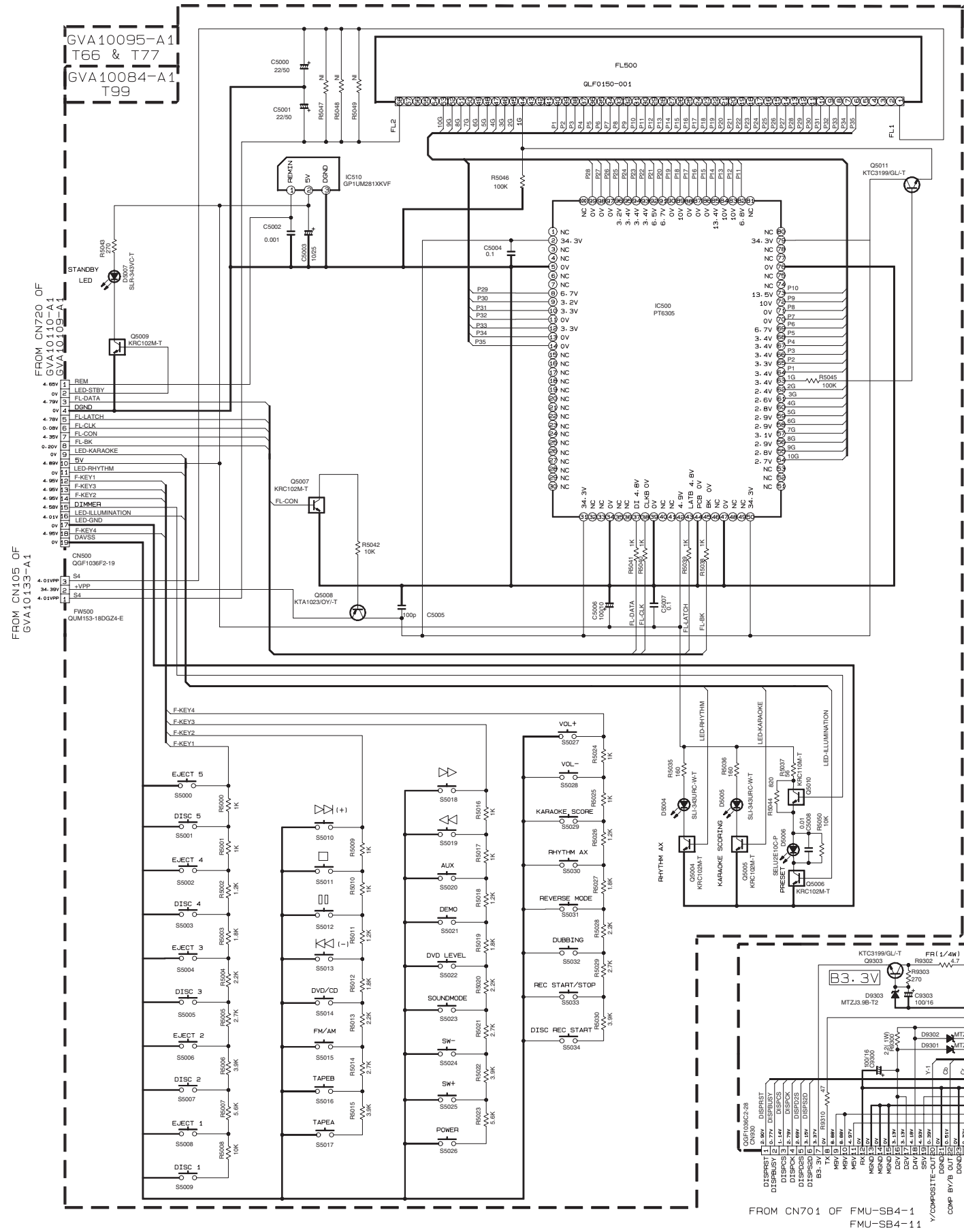
■ Amplifier section (for DX-T99)



- NOTES
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL.
CONDITION — AUX. MODE, VOL. 50kV, BASS OFF.
 2. UNLESS OTHERWISE SPECIFIED
RESISTORS ARE 1/4W + 5% CARBON RESISTOR.
ALL RESISTANCE VALUES ARE IN OHM (Ω).
ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR.
ALL CAPACITANCE VALUES ARE IN μ F (10⁻⁶F).
ALL INDUCTANCE VALUES ARE IN μ H (10⁻⁶H).
ALL CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μ F)/RATED VOLTAGE (V).
ALL DIODES ARE 1SS133-T2

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

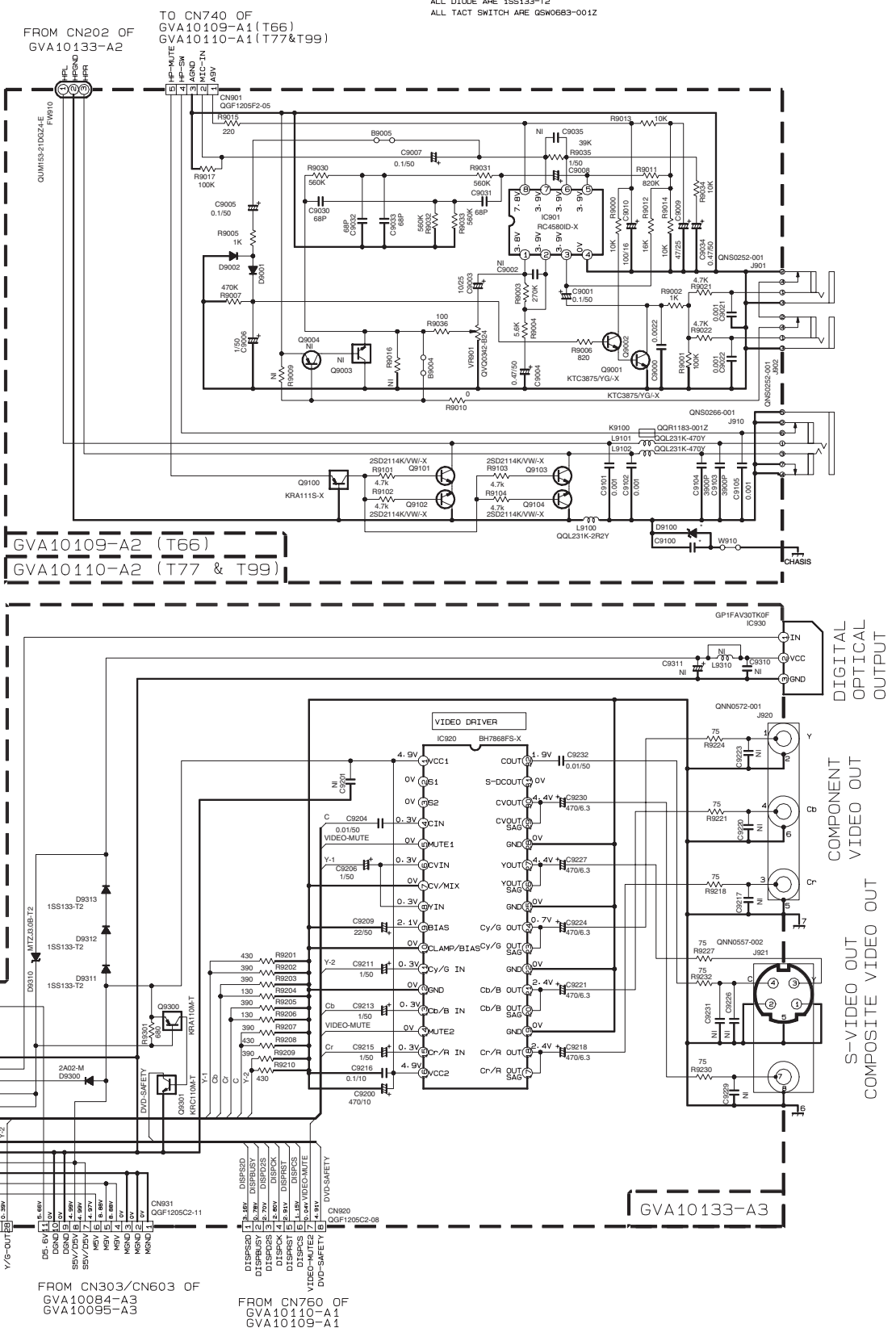
■ Front and Video section (for DX-T99)



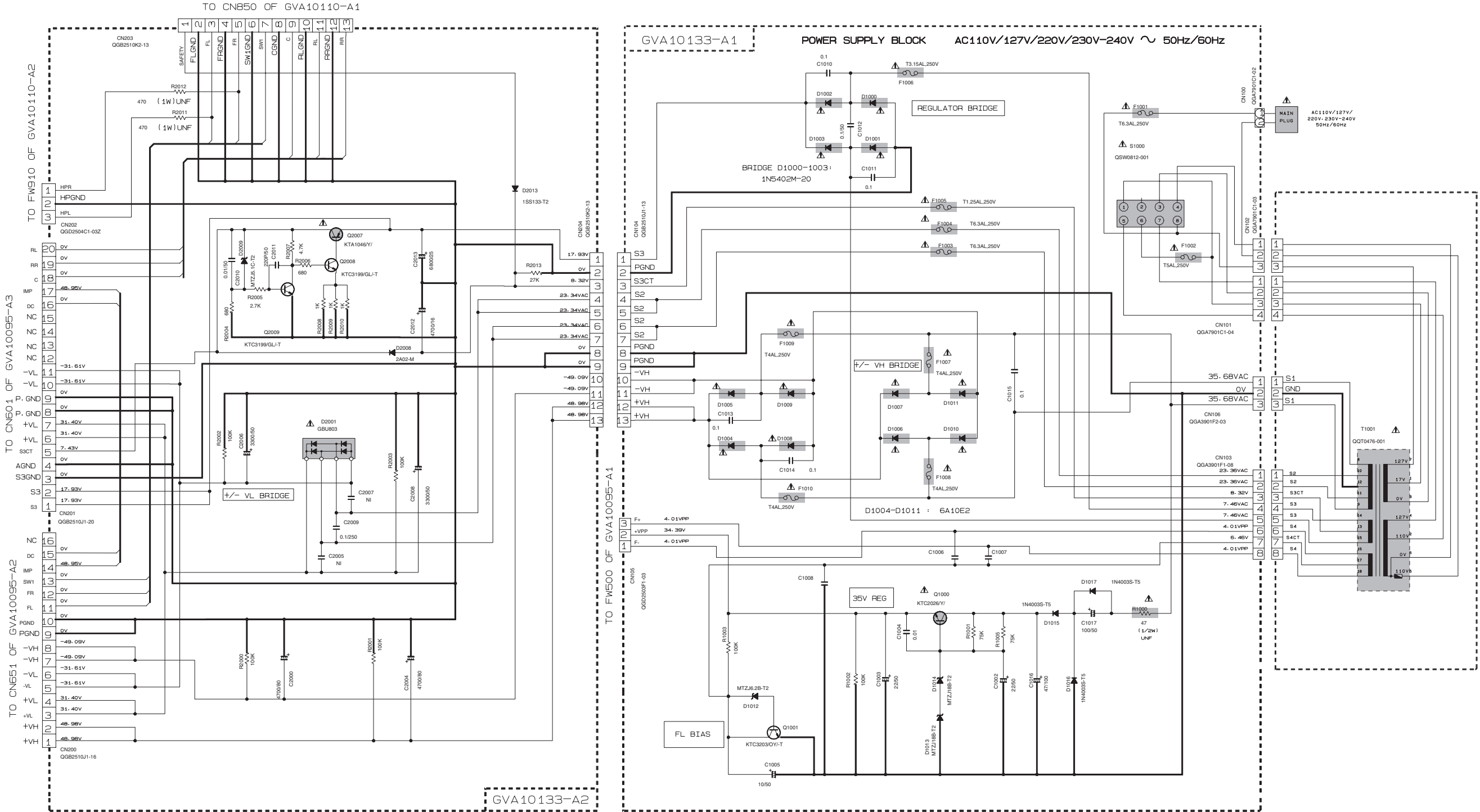
* MARK

	T66	T77	T99
D9100	-	-	2.4B
C9100	-	-	0.001

- NOTES
- VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL.
CONDITION --- AUX MODE, VOL MIN, BASS OFF
 - UNLESS OTHERWISE SPECIFIED
RESISTORS ARE 1/4W±5% CARBON RESISTOR.
ALL RESISTANCE VALUES ARE IN OHM(Ω).
ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR.
ALL CAPACITANCE VALUES ARE IN pF(pF).
ALL INDUCTANCE VALUES ARE IN mH(mH).
ALL CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (pF)/RATED VOLTAGE (V).
ALL DIODE ARE 1SS133-T2
ALL TACT SWITCH ARE QSW06B3-001Z



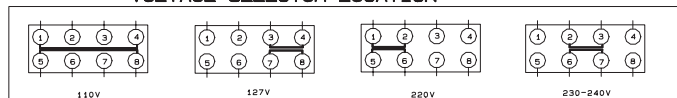
■ Primary section (for DX-T77)



NOTES

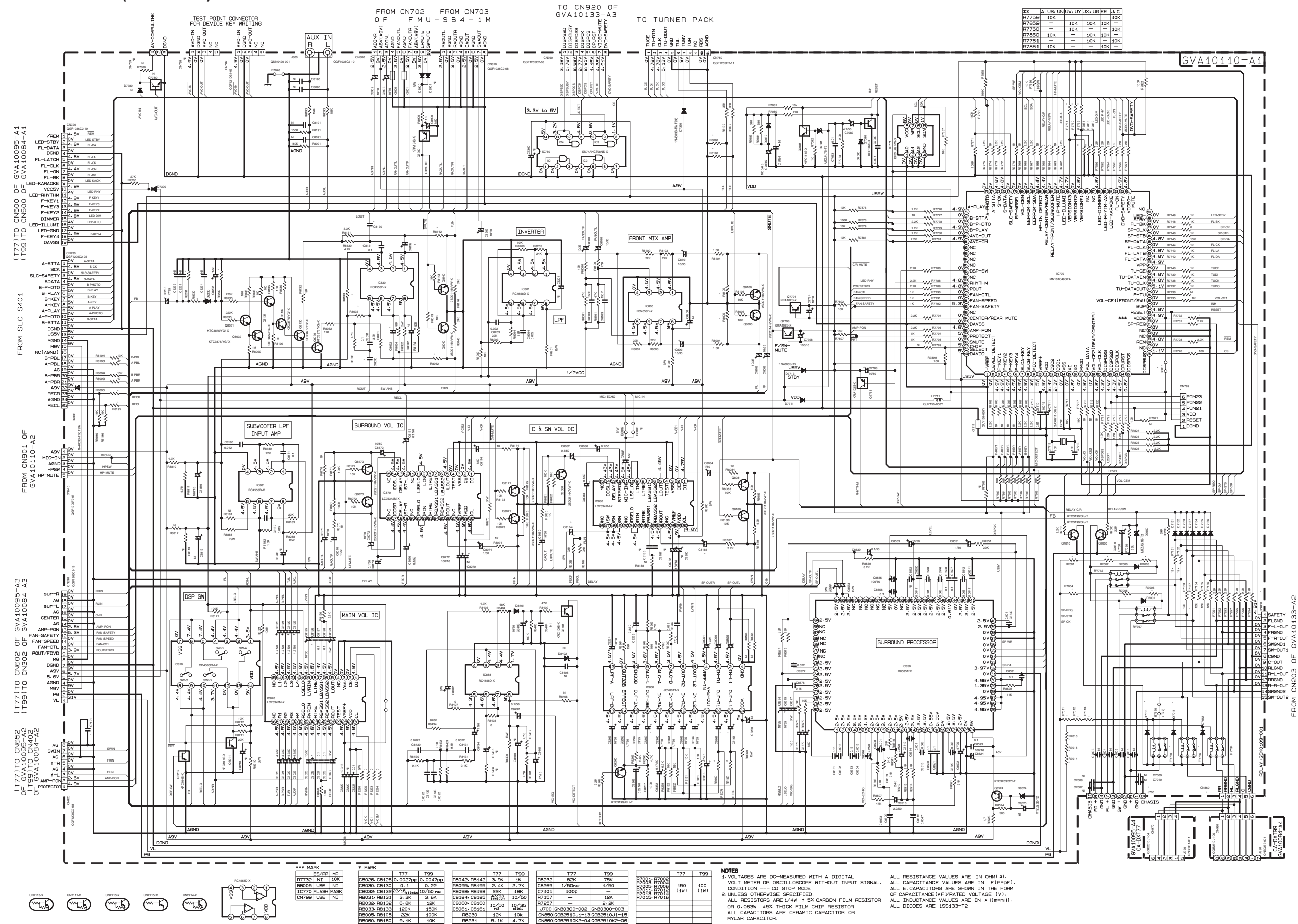
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL.
CONDITION — AUX MODE- VOL MIN- BASS OFF
2. UNLESS OTHERWISE SPECIFIED
- RESISTORS ARE 1/4W ±5% CARBON RESISTOR.
ALL RESISTANCE VALUES ARE IN OHM (Ω).
- ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR.
ALL CAPACITANCE VALUES ARE IN PF(PF).
- ALL INDUCTANCE VALUES ARE IN mH(mH).
- ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μF)/RATED VOLTAGE (V).

VOLTAGE SELECTOR LOCATION

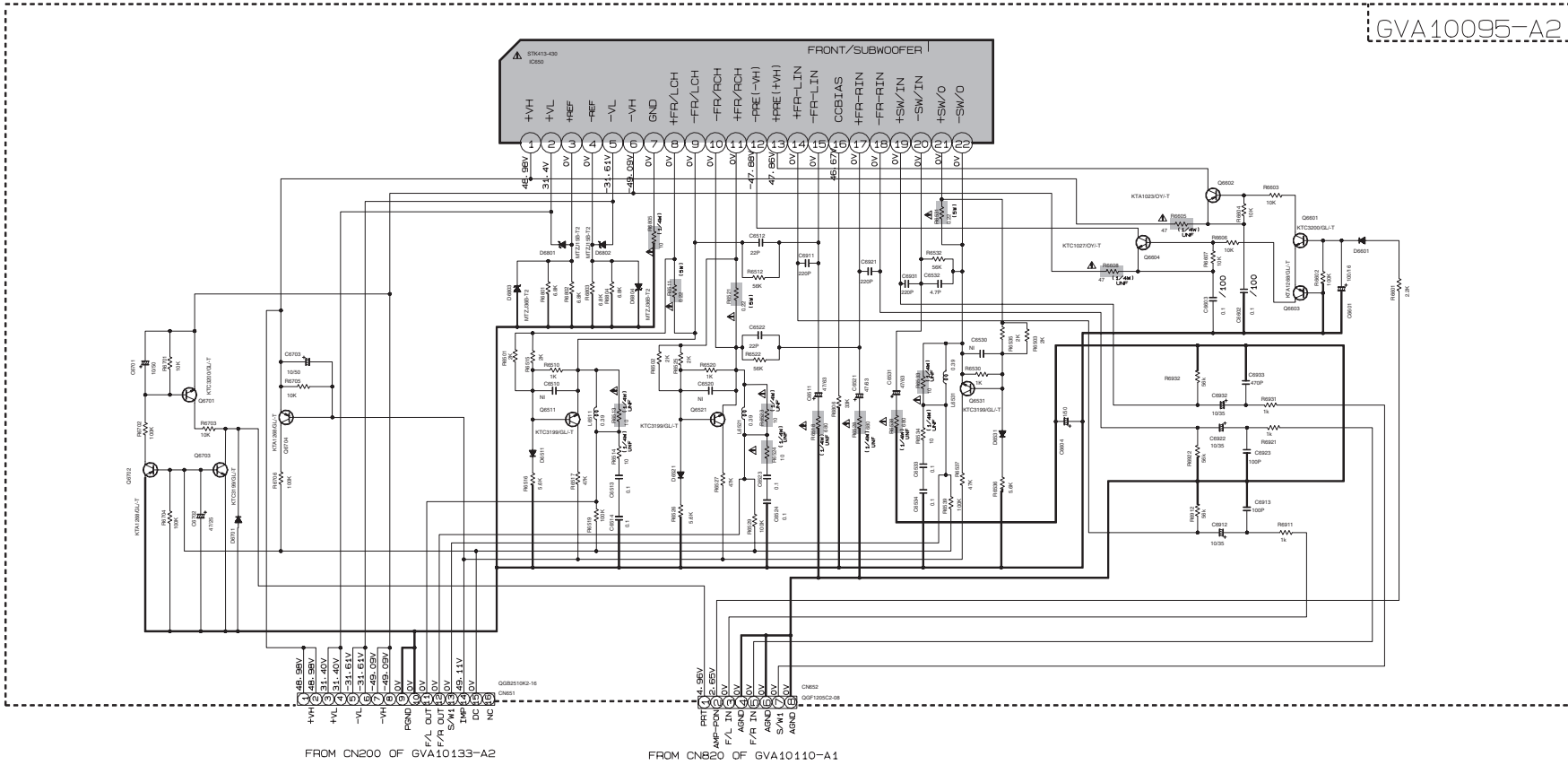
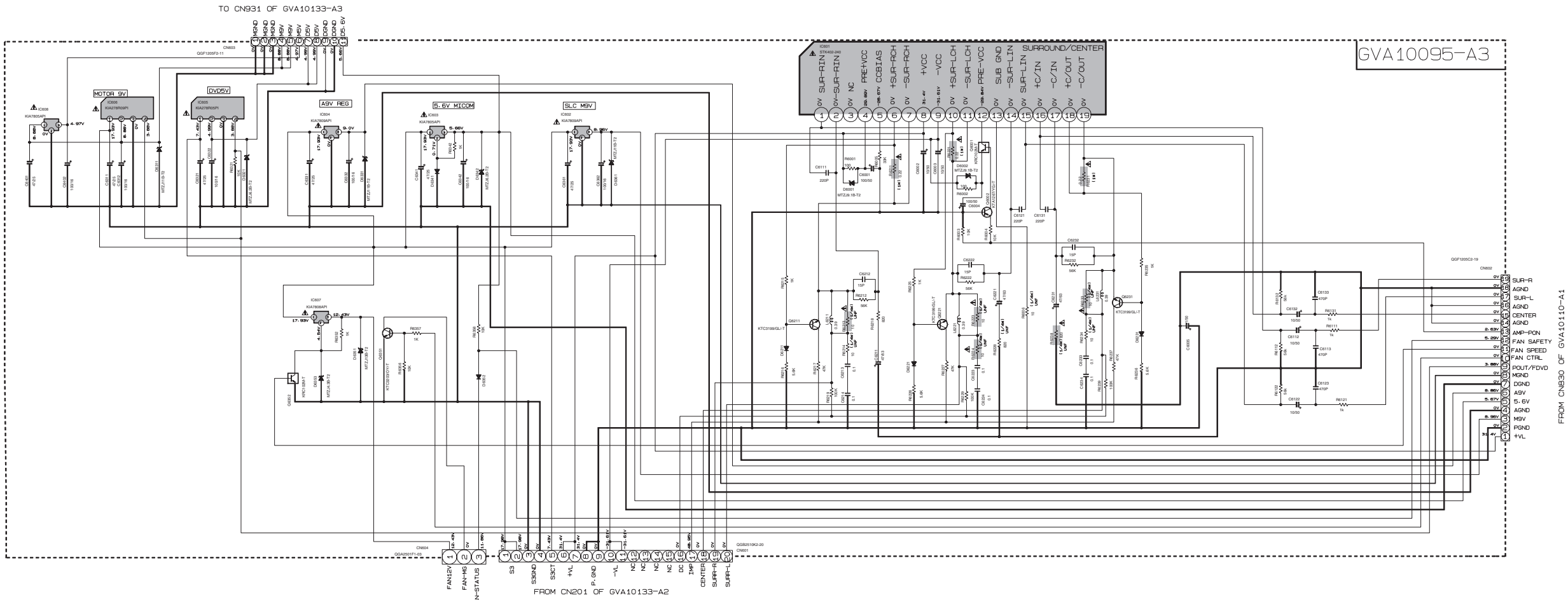


 Parts are safety assurance parts. When replacing those parts make sure to use the specified one.

■ Main section (for DX-T77)



■ Amplifier section (for DX-T77)

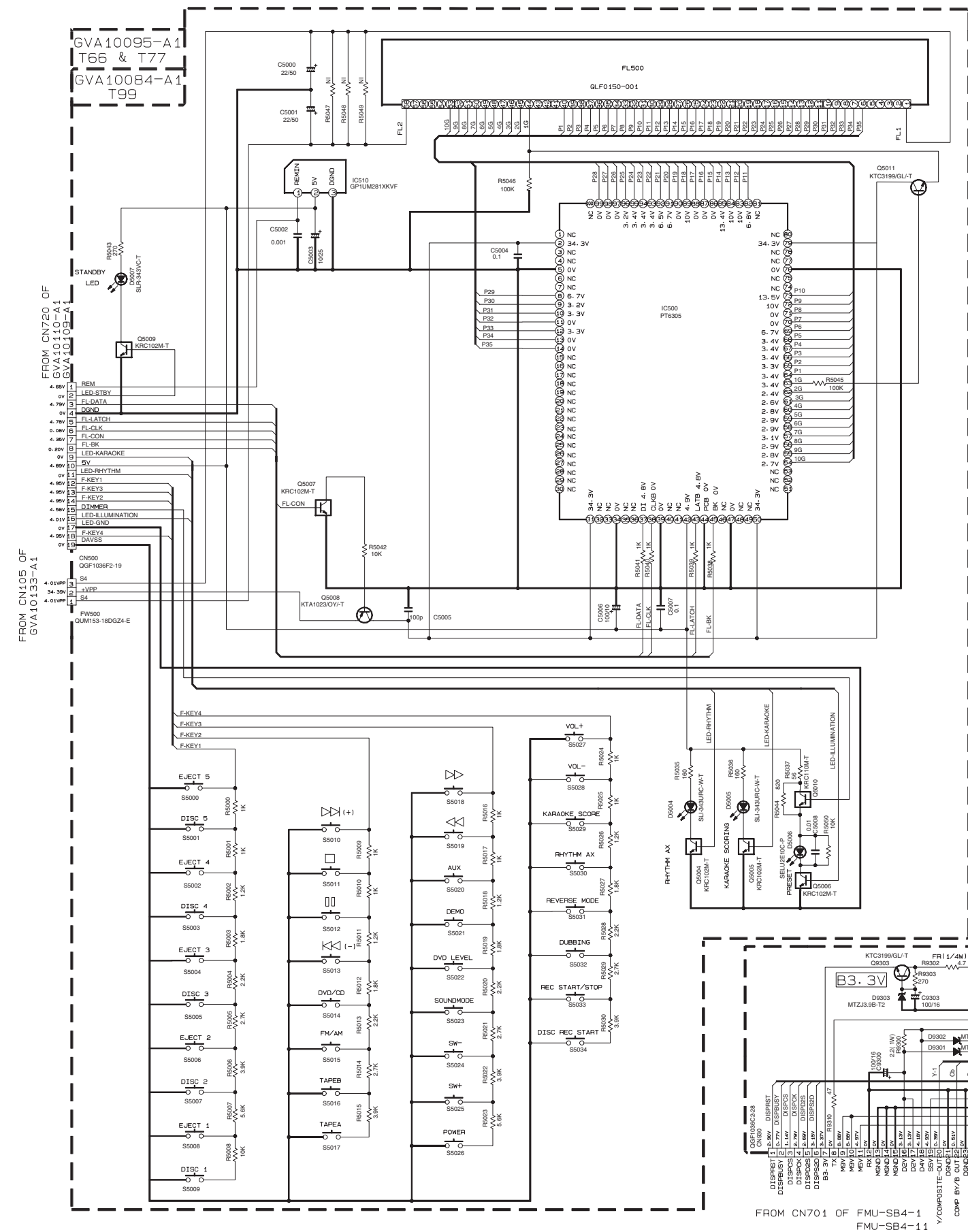


NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL.
CONNECTION — ALK HZES: VOL. MDN. BASS OFF
2. UNLESS OTHERWISE SPECIFIED:
RESISTORS ARE 1/4W ± 5% CARBON RESISTOR.
ALL RESISTANCE VALUES ARE IN OHMS (Ω).
ALL CAPACITORS ARE 50VDC CAPACITOR OR MYLAR CAPACITOR.
ALL CAPACITANCE VALUES ARE IN PICO (pF).
ALL INDUCTANCE VALUES ARE IN HENRI (H).
ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μF)/RATED VOLTAGE (V).
ALL DIODES ARE 1SS133-T2

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

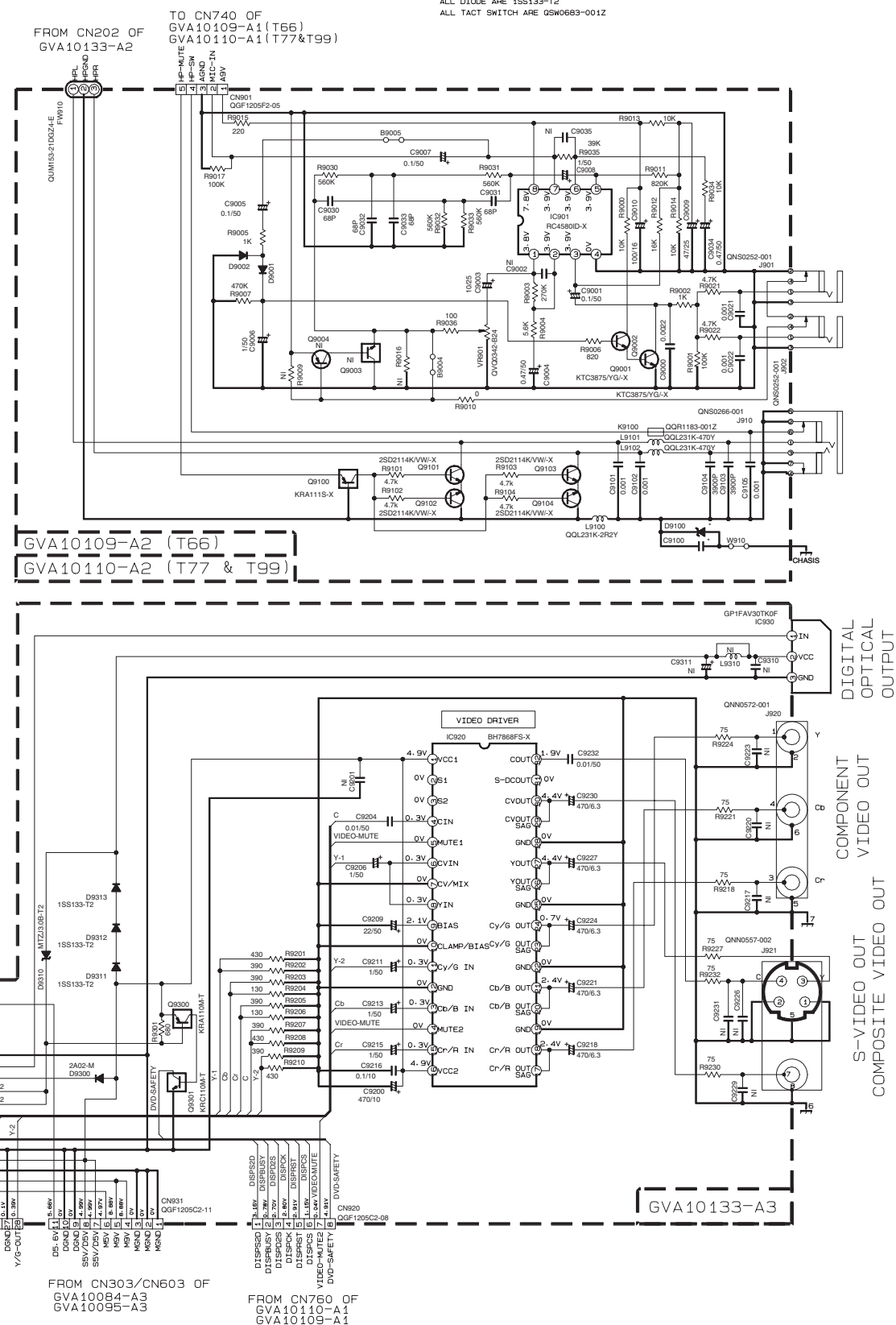
■ Front and Video section (for DX-T77)



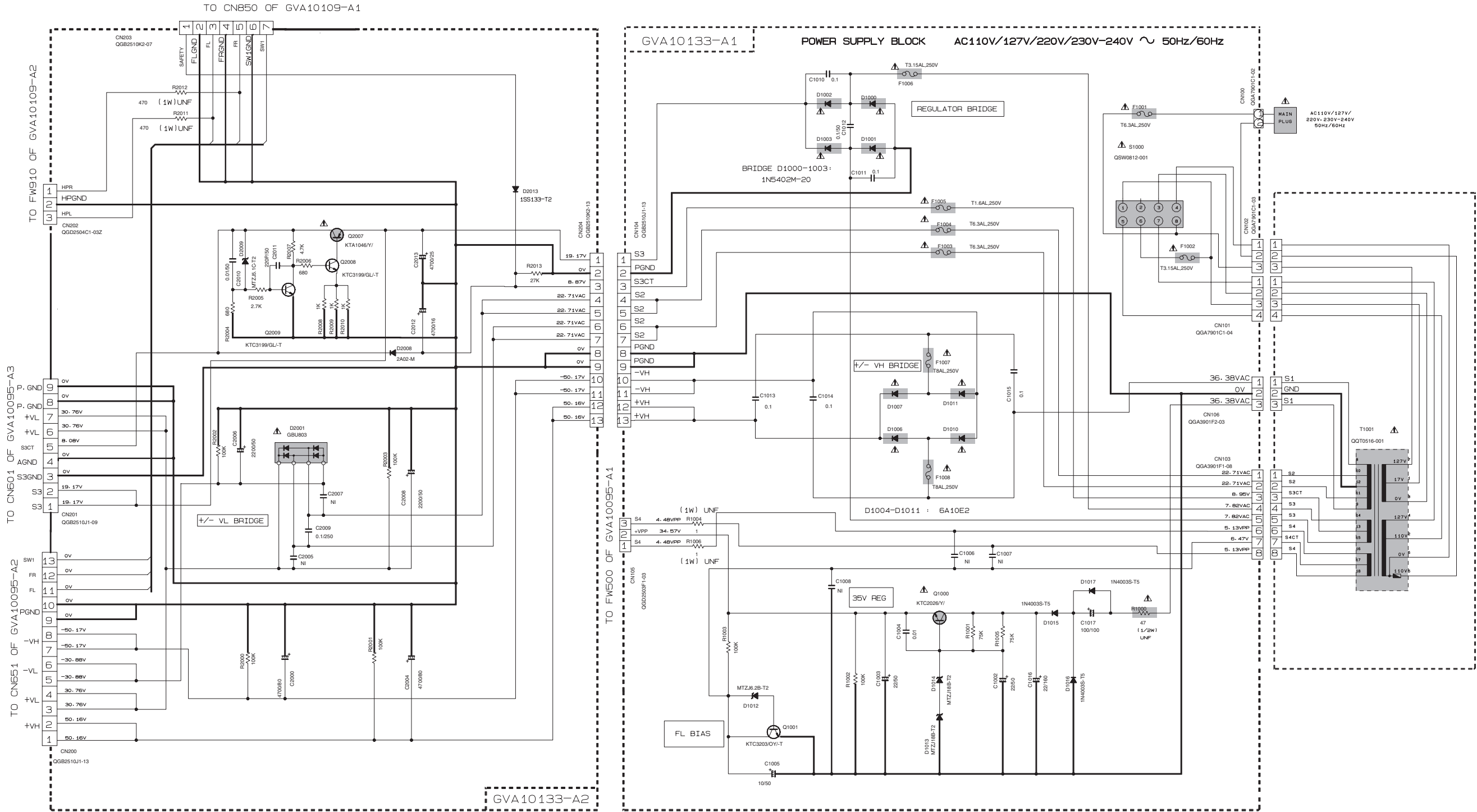
	T66	T77	T99
D9100	-	-	2.48
C9100	-	-	0.001

NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL.
CONDITION --- AUX MODE- VOL MIN- BASS OFF
2. UNLESS OTHERWISE SPECIFIED
- RESISTORS ARE 1/4W5% CARBON RESISTOR.
ALL RESISTANCE VALUES ARE IN OHM(Ω).
ALL CAPACITORS ARE CERAMIC CAPACITORS MYLAR CAPACITOR.
ALL CAPACITANCE VALUES ARE IN PF(PpPf).
ALL INDUCTANCE VALUES ARE IN AH(MHMMH).
ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (PF)/RATED VOLTAGE (V).
ALL DIODE ARE 1SS133-12
ALL TACT SWITCH ARE QSW0683-0012



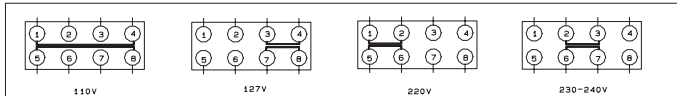
■ Primary section (for DX-T66)



NOTES

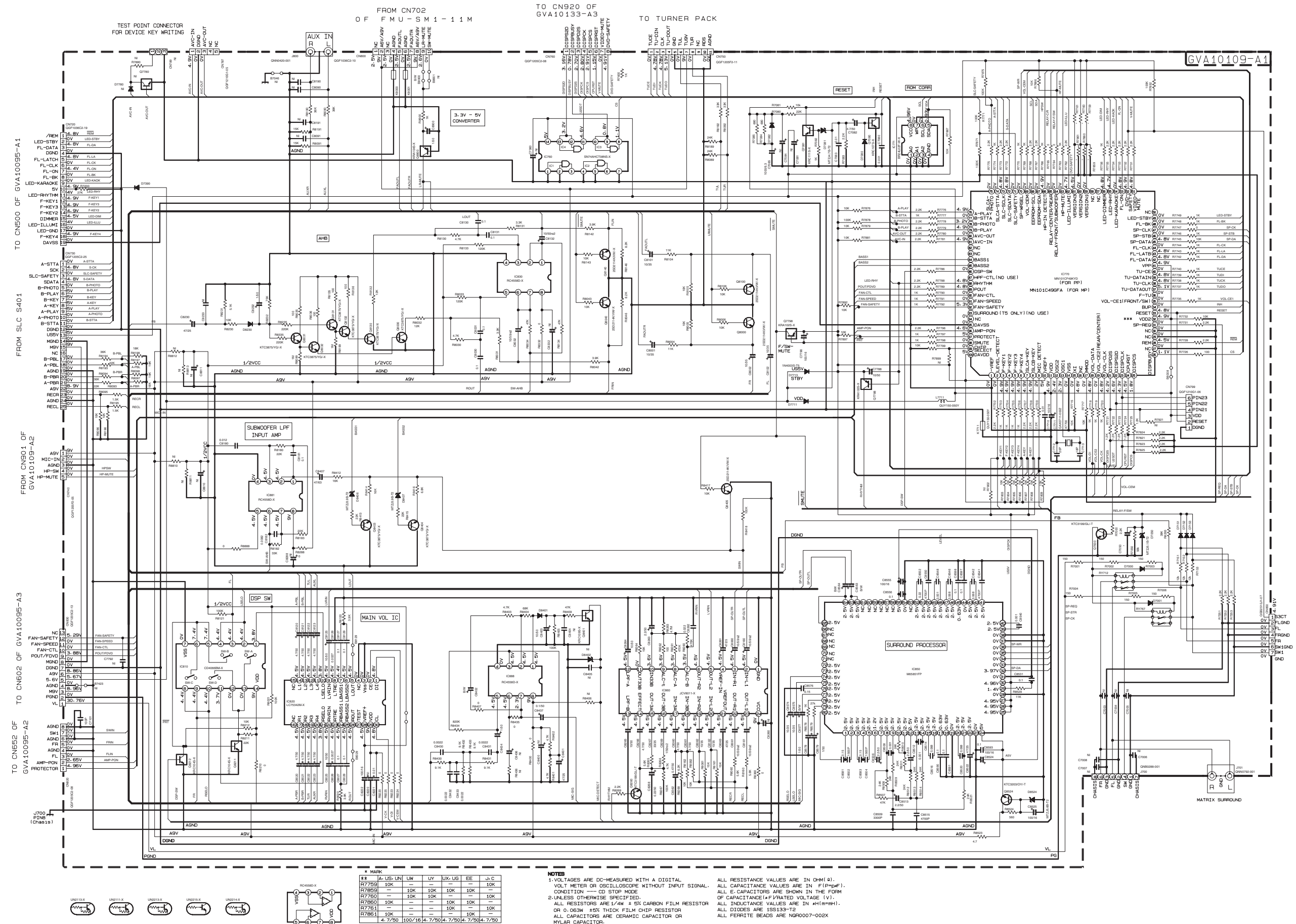
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL.
CONDITION --- AUX MODE, VOL. MIN, BASS OFF
2. UNLESS OTHERWISE SPECIFIED
- RESISTORS ARE 1/4W ± 5% CARBON RESISTOR.
- A. ALL RESISTANCE VALUES ARE IN OHM (Ω).
- B. ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR.
- C. ALL CAPACITANCE VALUES ARE IN μF (μF).
- D. ALL INDUCTANCE VALUES ARE IN μH (mH).
- E. ALL CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μF)/RATED VOLTAGE (V).

VOLTAGE SELECTOR LOCATION

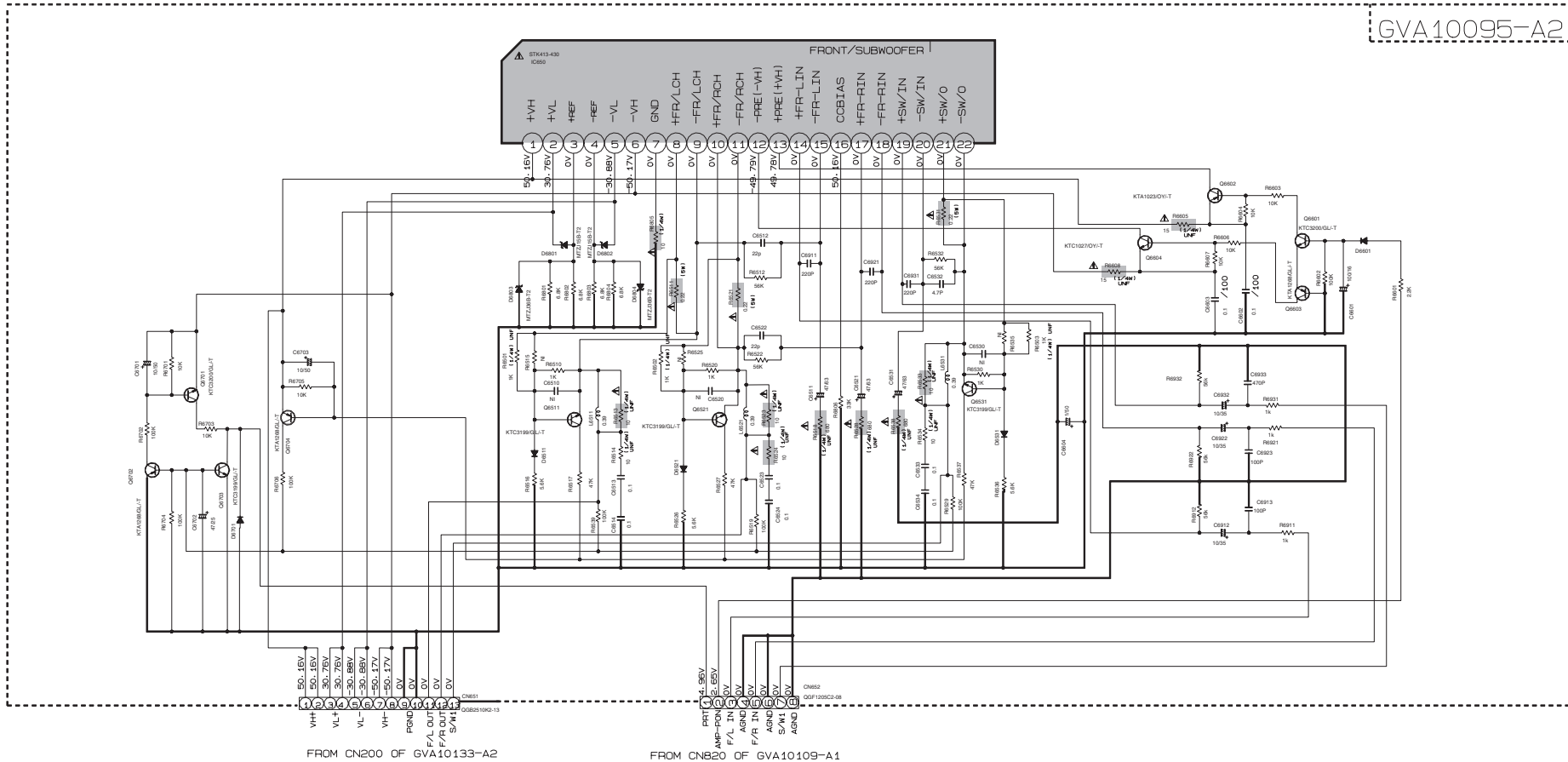
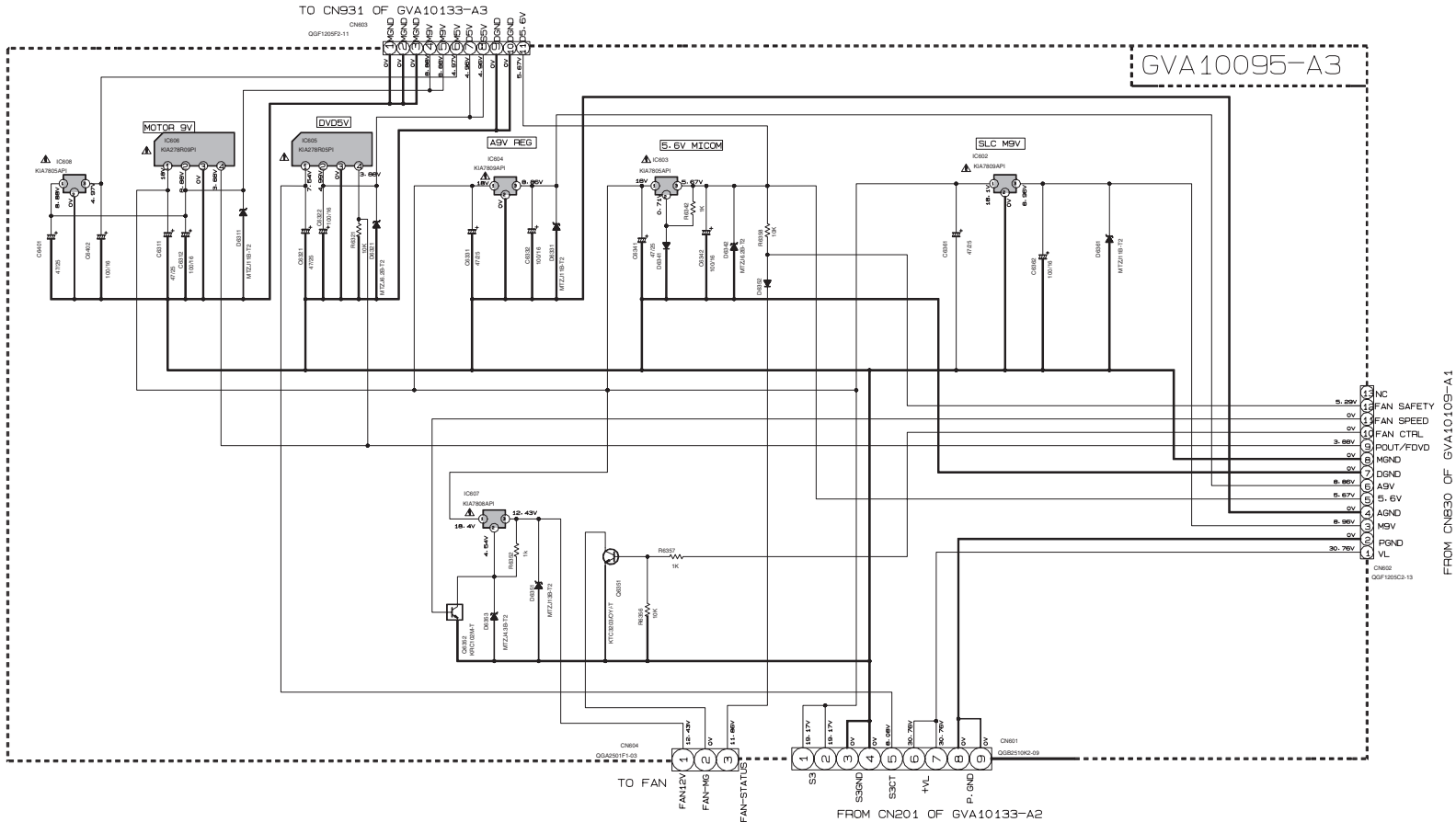


 Parts are safety assurance parts. When replacing those parts make sure to use the specified one.

■ Main section (for DX-T66)



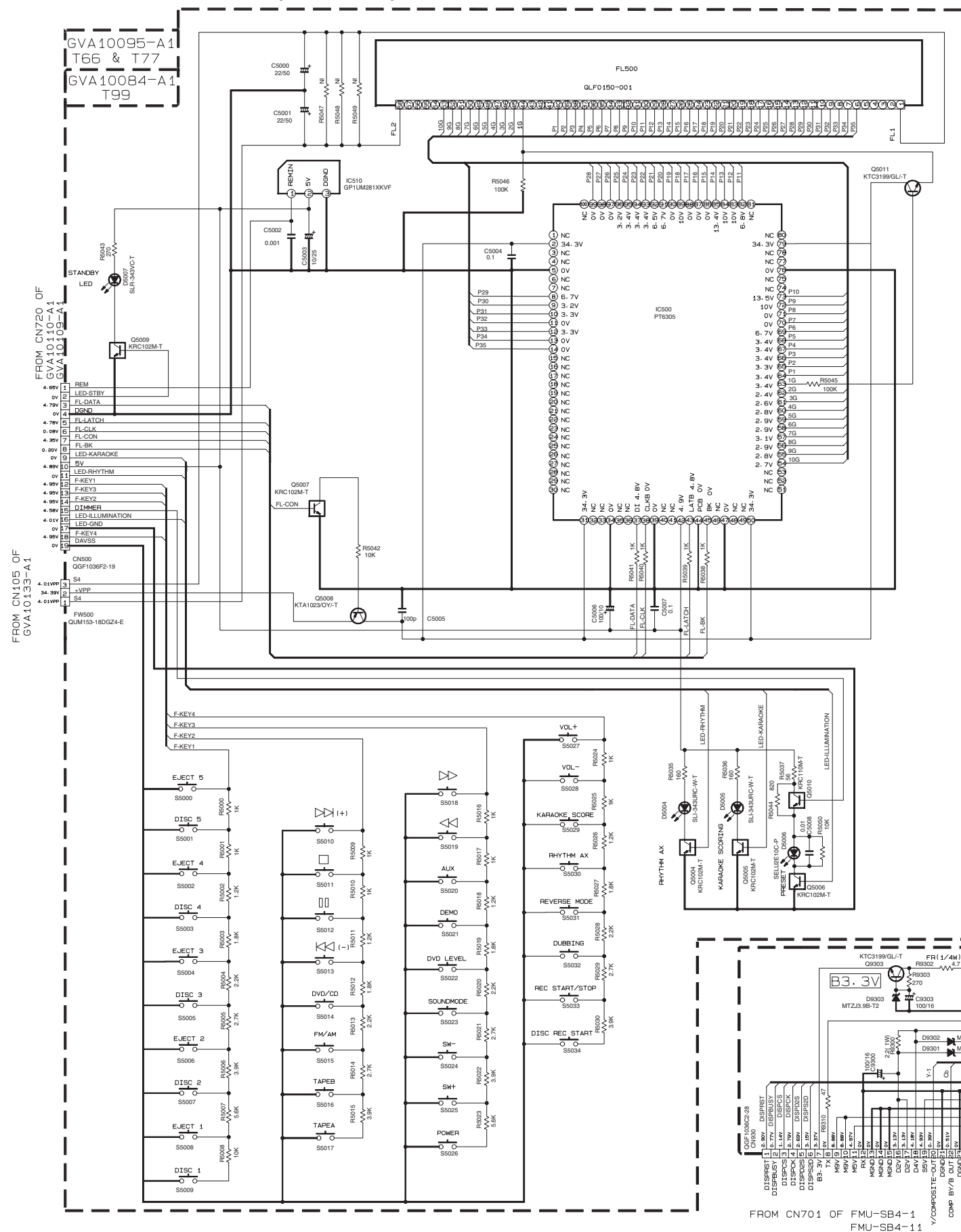
■ Amplifier section (for DX-T66)



- NOTES
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL CONDITION — AUX MODE VOL MIN+ BASS OFF
 2. UNLESS OTHERWISE SPECIFIED:
 - RESISTORS ARE 1/4W ± 5% CARBON RESISTOR.
 - ALL RESISTANCE VALUES ARE IN OHM (Ω).
 - ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR.
 - ALL CAPACITANCE VALUES ARE IN nF (nF).
 - ALL INDUCTANCE VALUES ARE IN mH (mH).
 - ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μF)/RATED VOLTAGE (V).
 - ALL DIODES ARE 1SS133-72

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

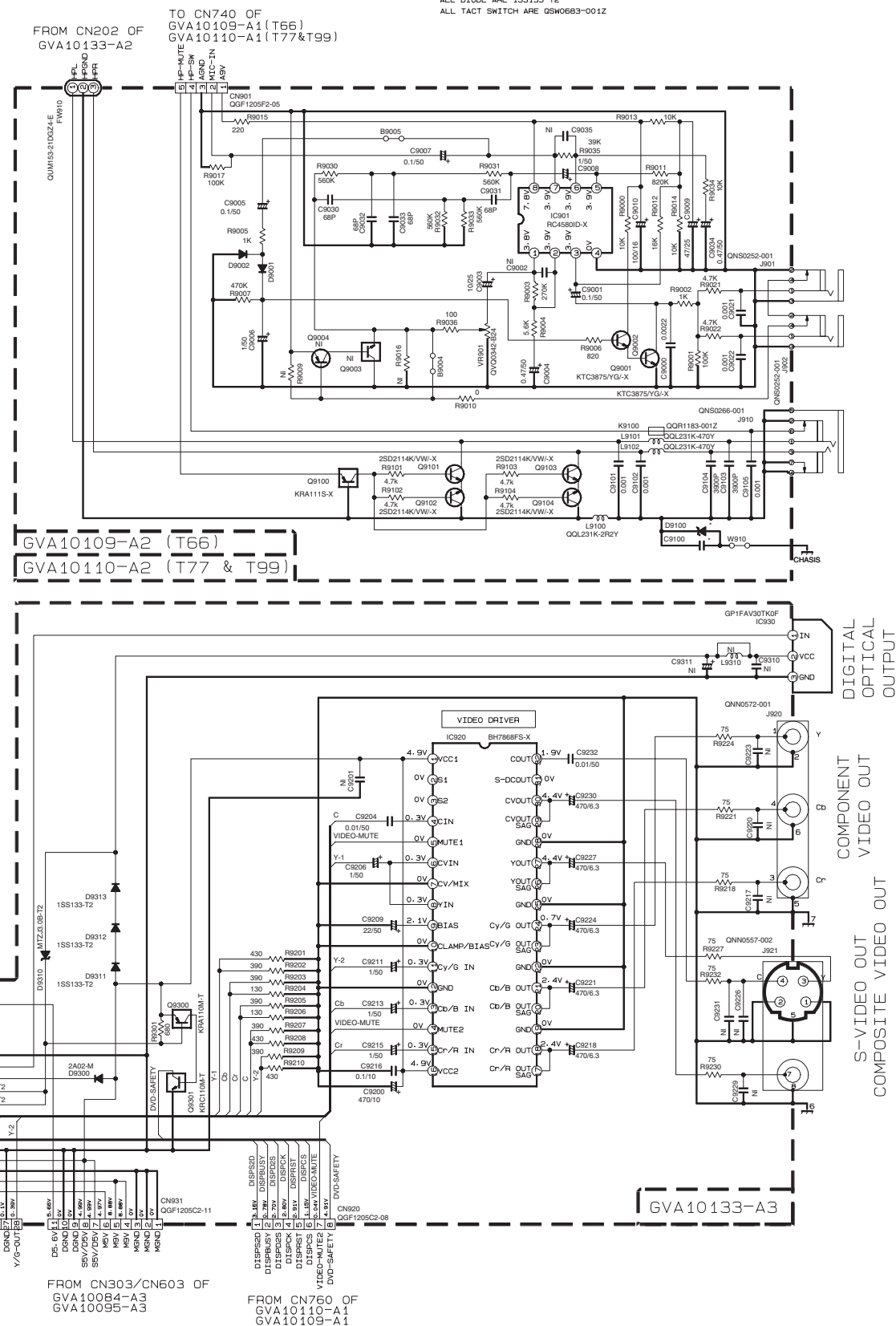
■ Front and Video section (for DX-T66)



	T66	T77	T99
D9100	-	-	2.48
C9100	-	-	0.001

NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL.
CONDITION --- AUX MODE. VOL MIN- BASS OFF
2. UNLESS OTHERWISE SPECIFIED
- RESISTORS ARE 1/4W5% CARBON RESISTOR.
- ALL RESISTANCE VALUES ARE IN OHM(Ω).
- ALL CAPACITORS ARE CERAMIC CAPACITOR(MYLAR CAPACITOR).
- ALL CAPACITANCE VALUES ARE IN P(PF=PPH).
- ALL INDUCTANCE VALUES ARE IN AH(H=MH).
- ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μ F)/RATED VOLTAGE (V).
- ALL DIODE ARE 1SS133-12
- ALL TACT SWITCH ARE QSW0683-0012



■ DVD section (1/2) (for DX-T99 and DX-T77)

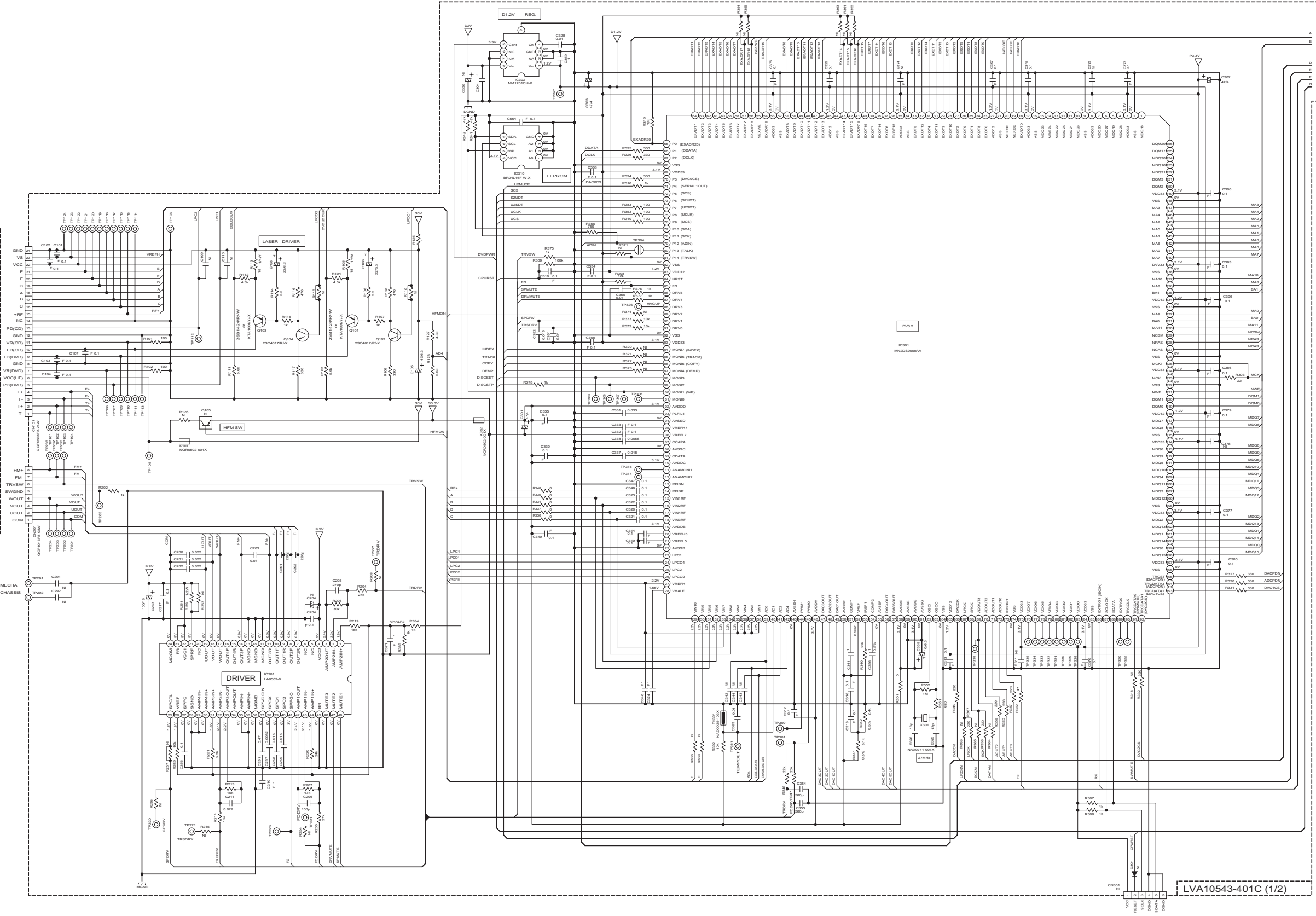
PICKUP ASS'Y

QAL0786-***
(CPA-652PH*)

TRA MECHA ASS'Y
FXL-D20-1M

FEED MOTOR
QAR0165-001

SPINDLE MOTOR
QAR0334-002



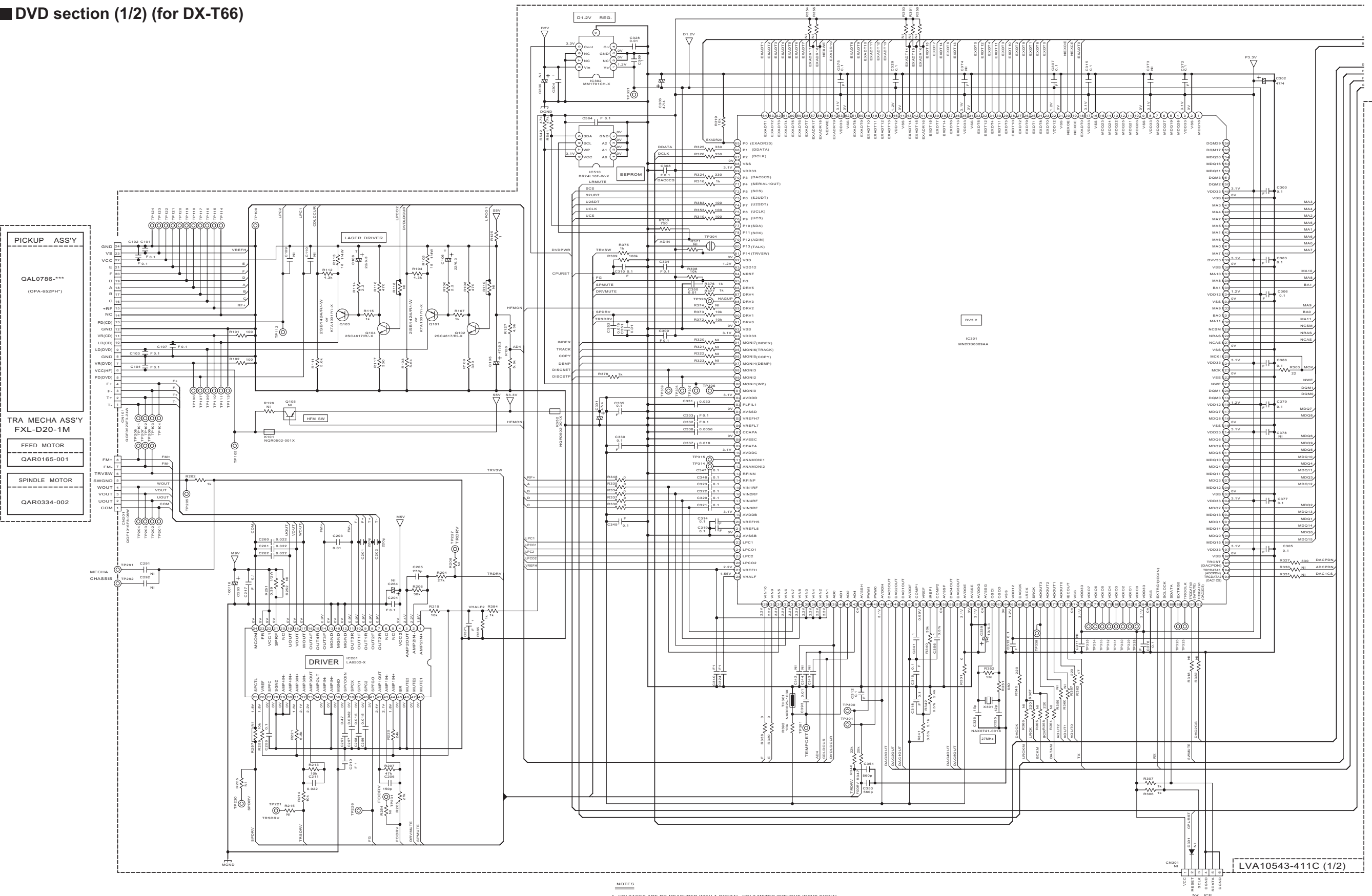
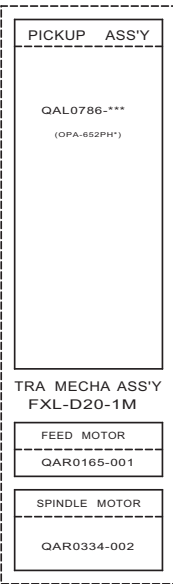
- NOTES
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.
CONDITION --- A DVD disc in the Tray 1, and STOP mode.
2. UNLESS OTHERWISE SPECIFIED.
ALL RESISTORS ARE 1/16W ±5% METAL GLAZE RESISTOR, OR 0.5% METAL GLAZE RESISTOR.
ALL CAPACITORS ARE 50V, 25V, 16V, 10V or 6.3V CERAMIC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

LOADER ASS'Y
CH5-BASE-1

See
LVS20135-002A



■ DVD section (1/2) (for DX-T66)

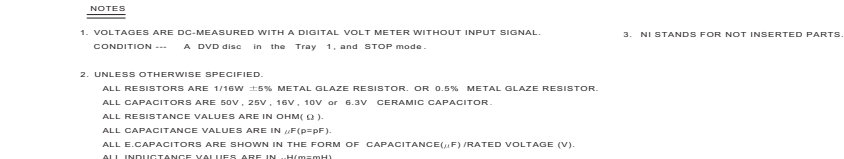


NOTES

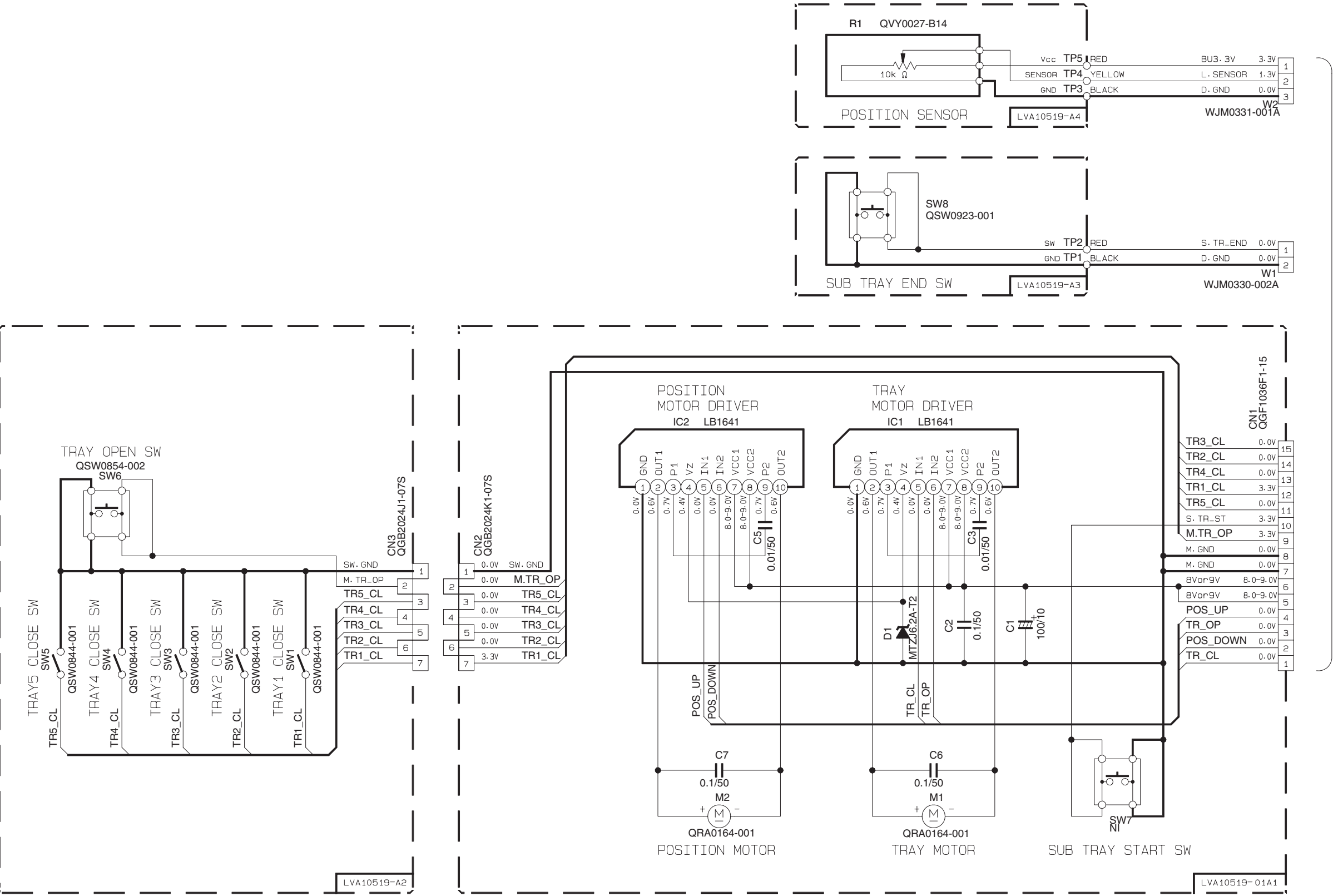
- VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.
CONDITION --- A DVD disc in the Tray 1, and STOP mode.
- UNLESS OTHERWISE SPECIFIED.
ALL RESISTORS ARE 1/16W ±5% METAL GLAZE RESISTOR, OR 0.5% METAL GLAZE RESISTOR.
ALL CAPACITORS ARE 50V, 25V, 16V, 10V or 6.3V CERAMIC CAPACITOR
ALL RESISTANCE VALUES ARE IN OHM(Ω).
ALL CAPACITANCE VALUES ARE IN μF(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.

LOADER ASS'Y
CH5-BASE-1

See
LVS20135-002A



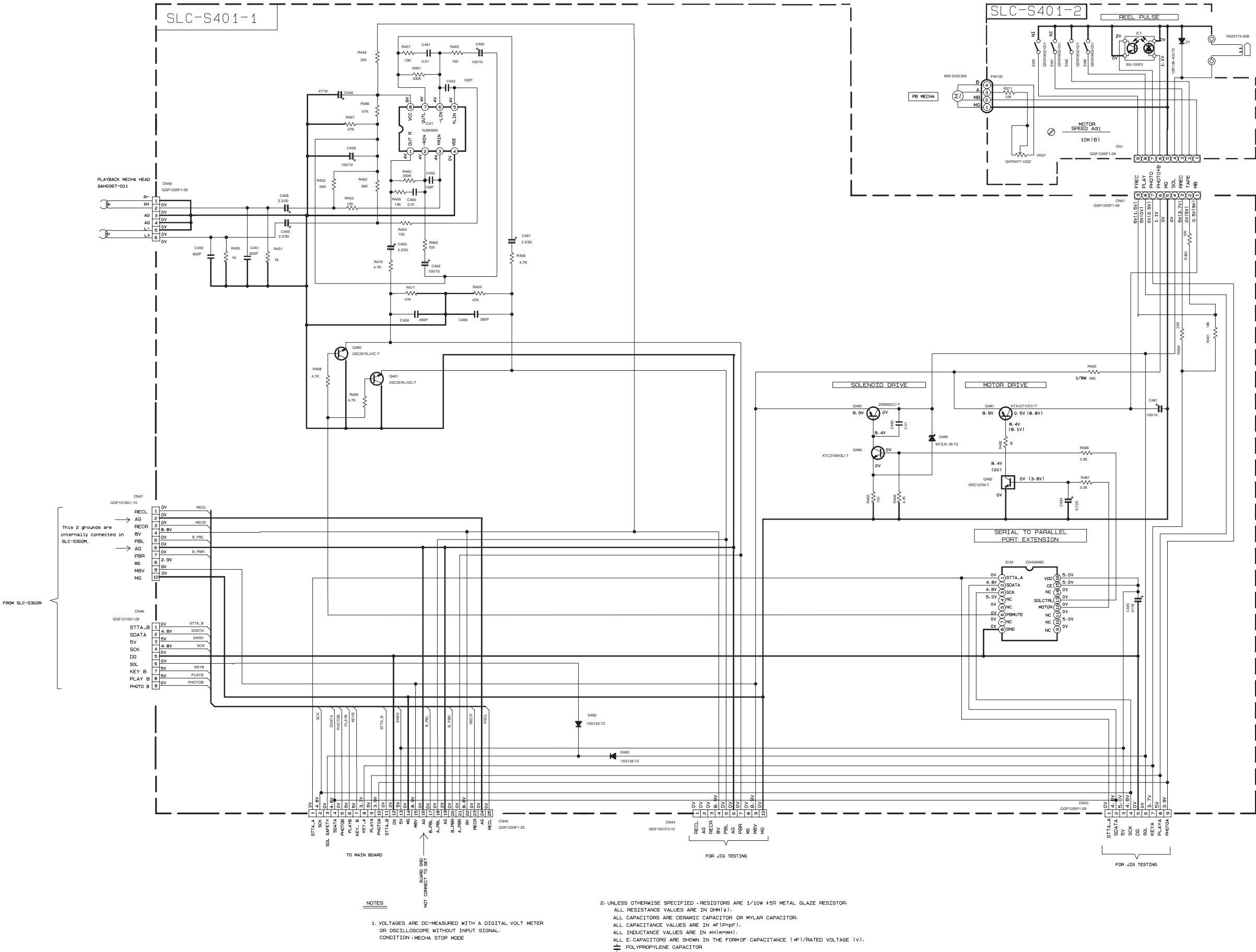
■ Loader section (common)



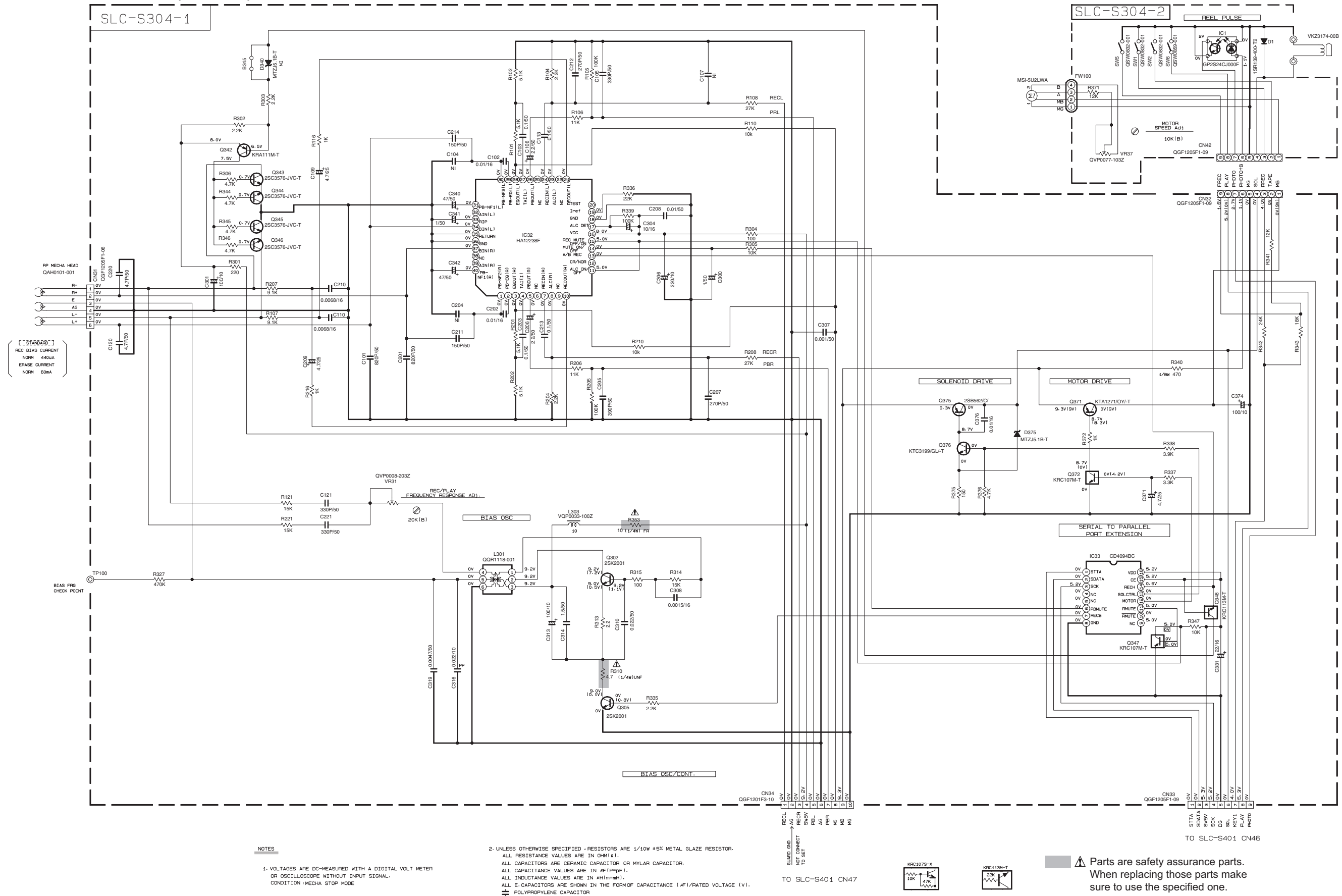
NOTES

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

■ Cassette-A section (common)

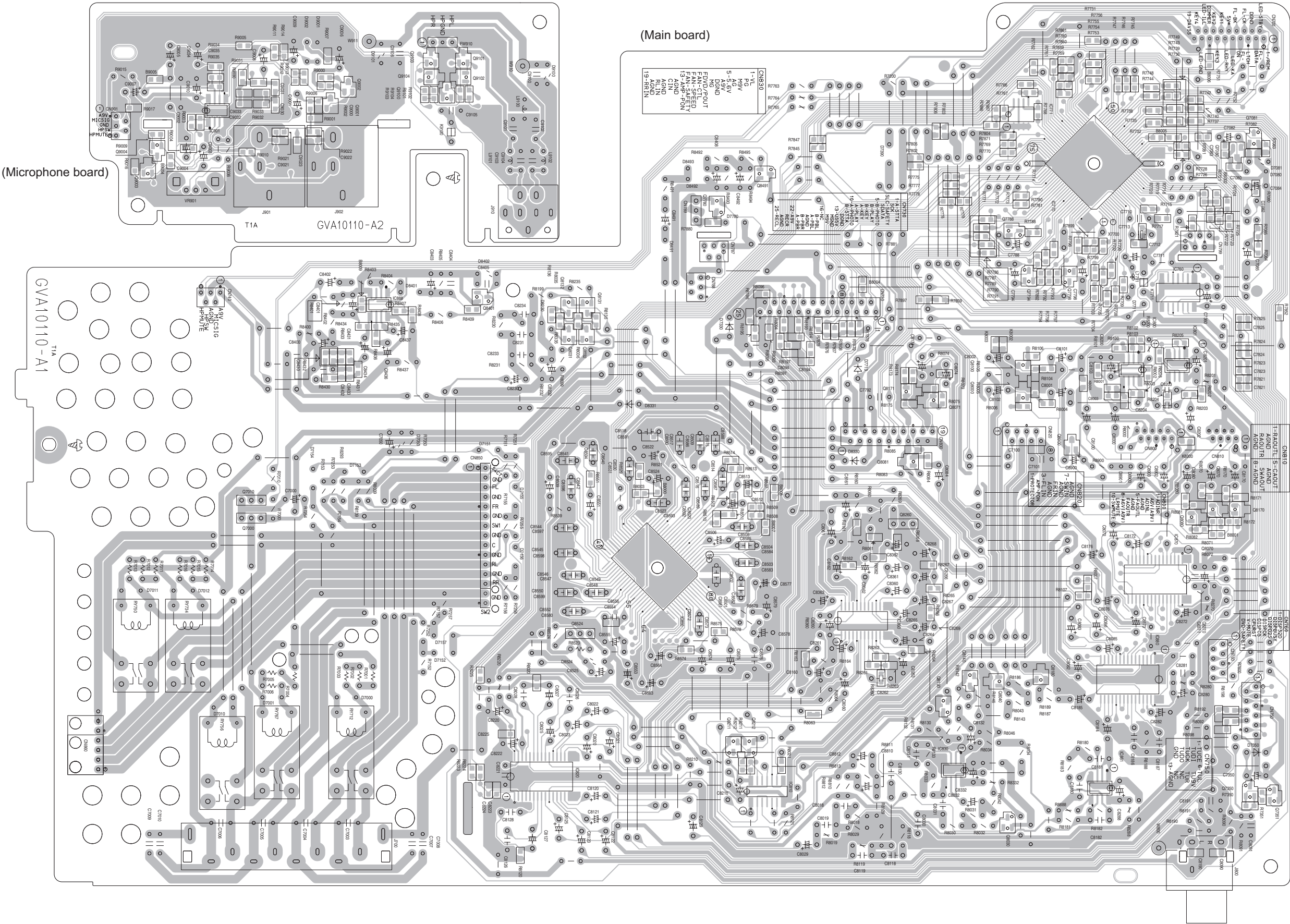


■ Cassette-B section (common)



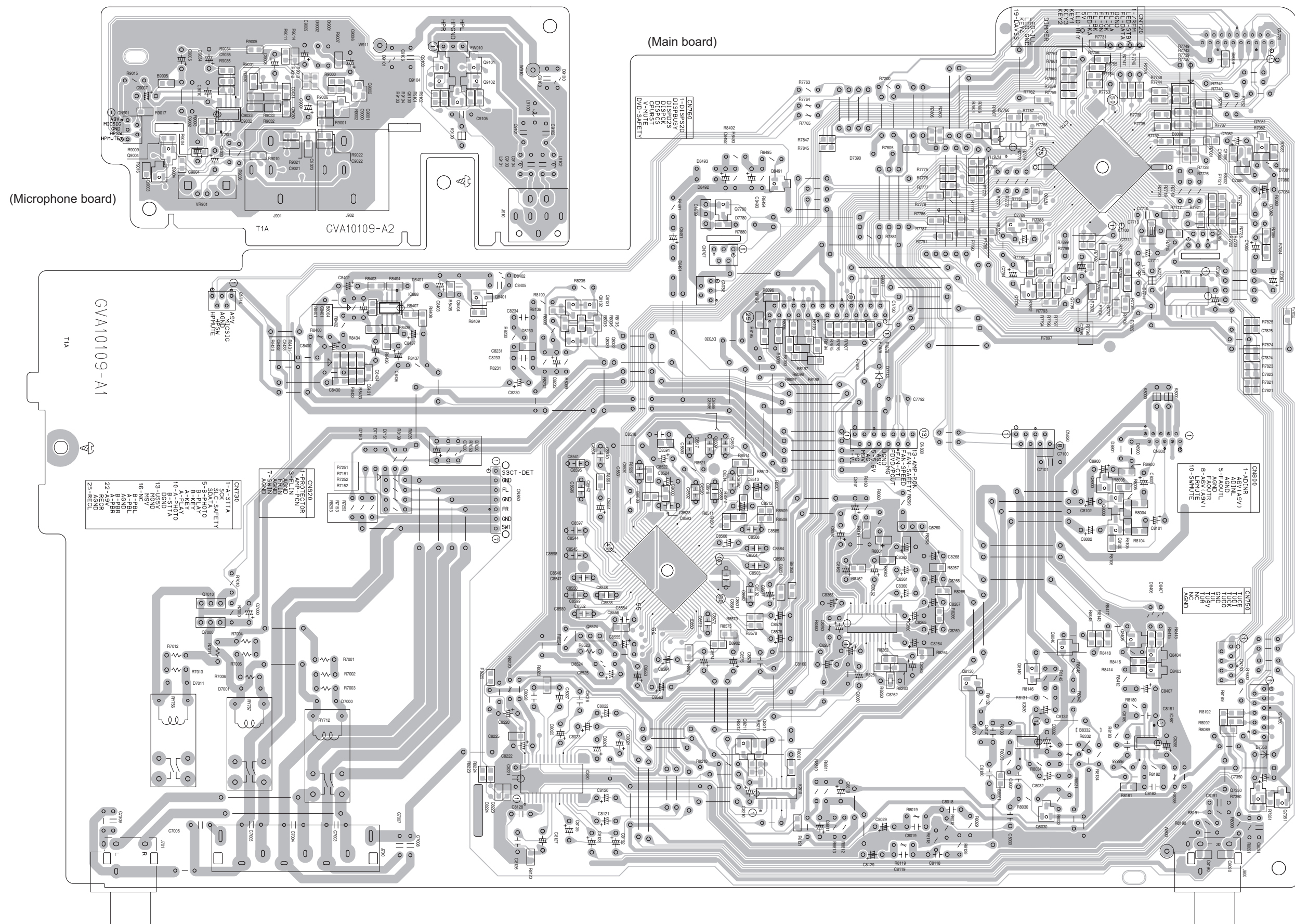
Printed circuit boards

■ Main board (for DX-T99,DX-T77) Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

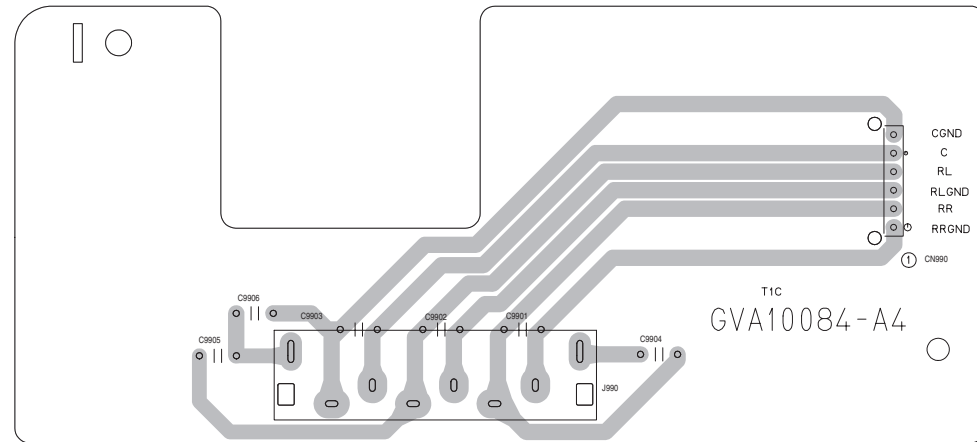


■ **Main board** (for DX-T66)

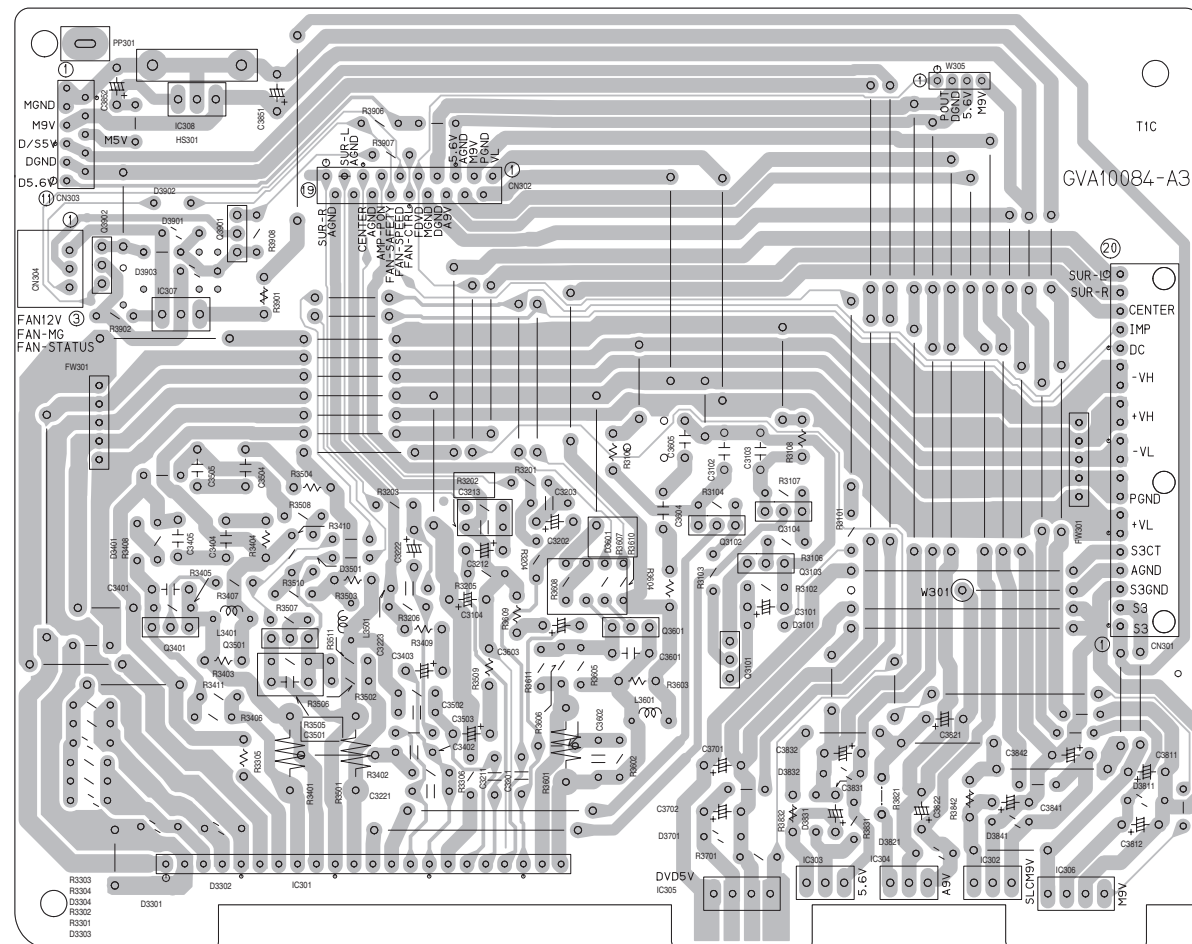
Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)



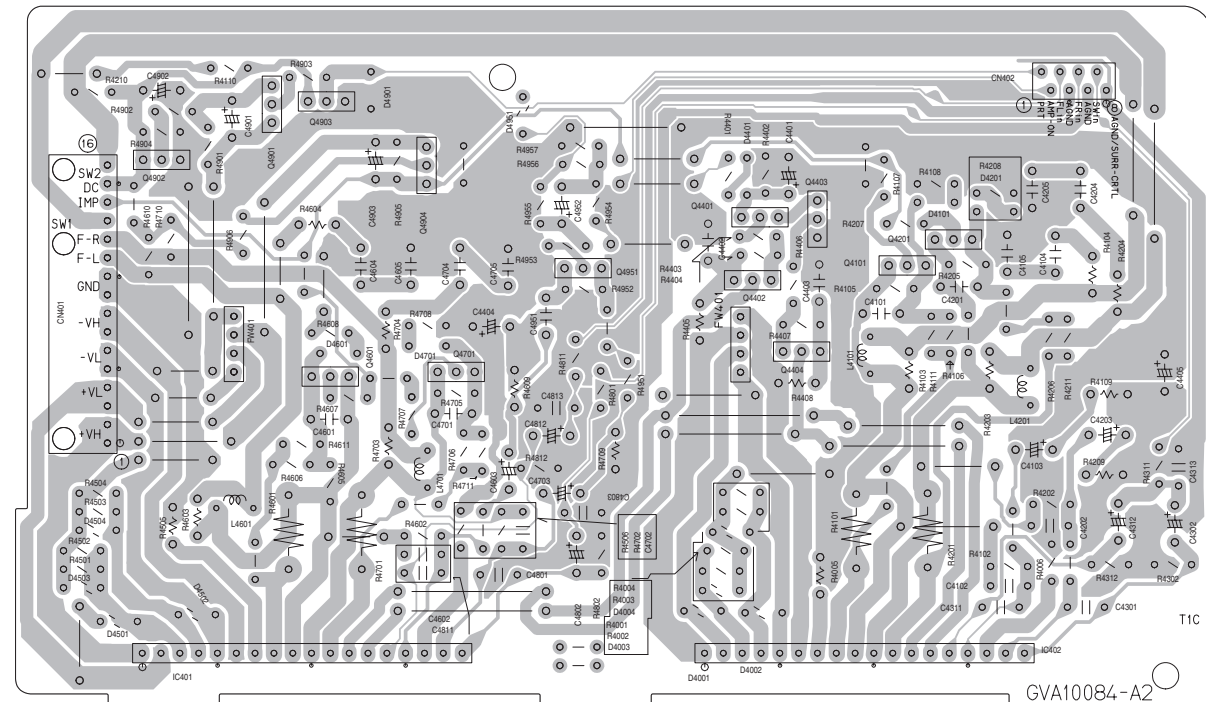
■ **Amplifier board** (for DX-T99) Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)



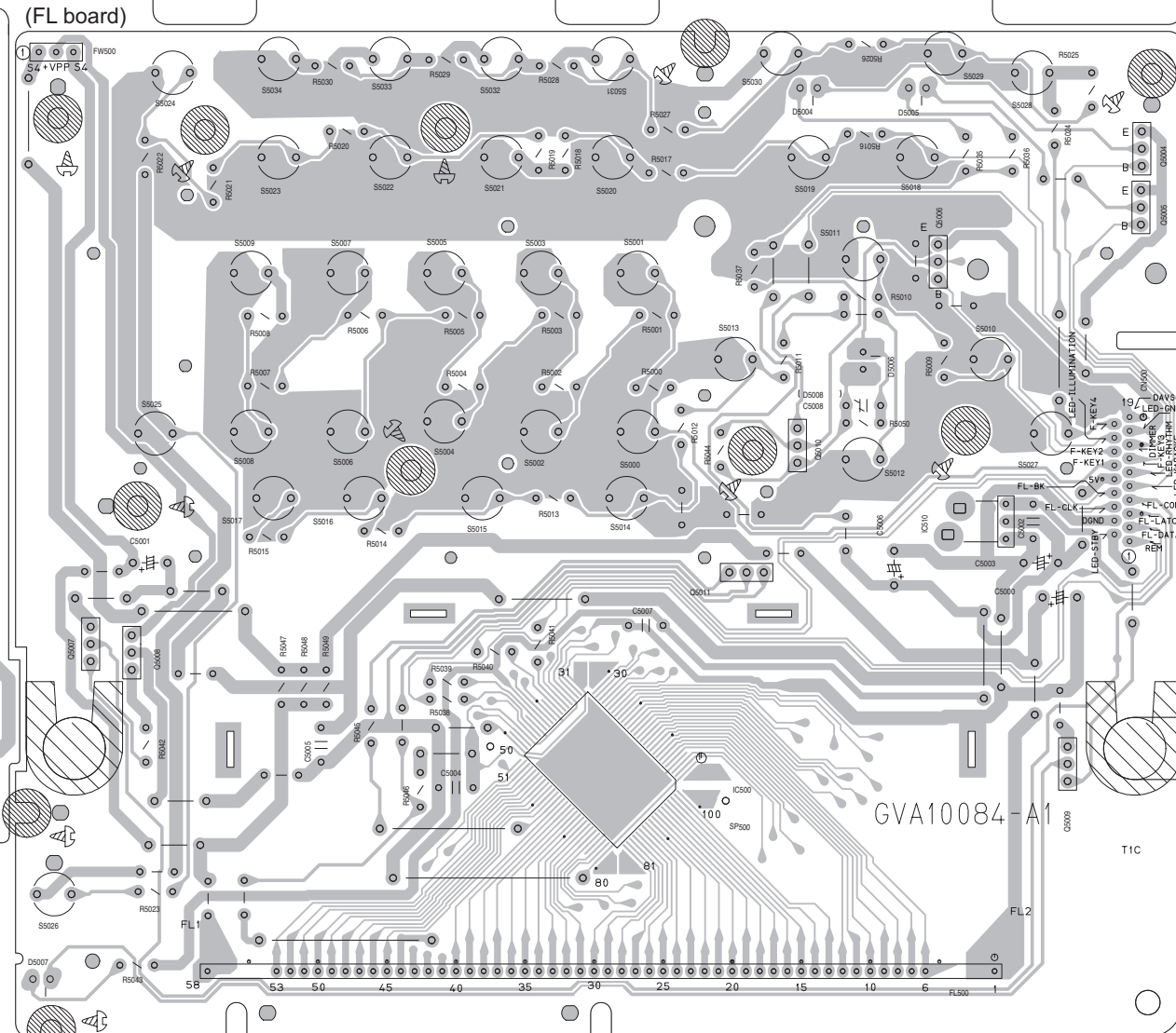
(Surround terminal board)



(Amplifier board 1)



(Amplifier board 2)



(FL board)

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



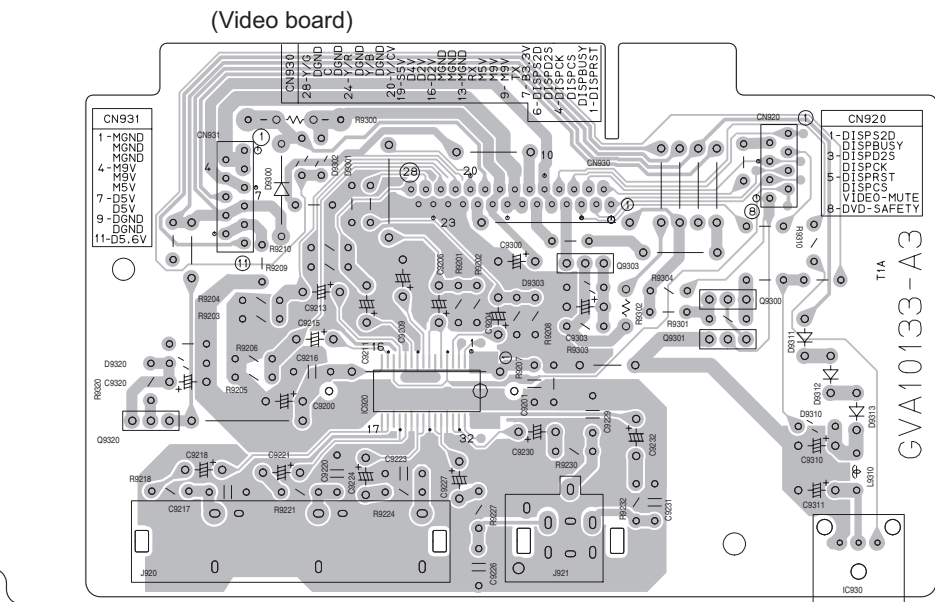
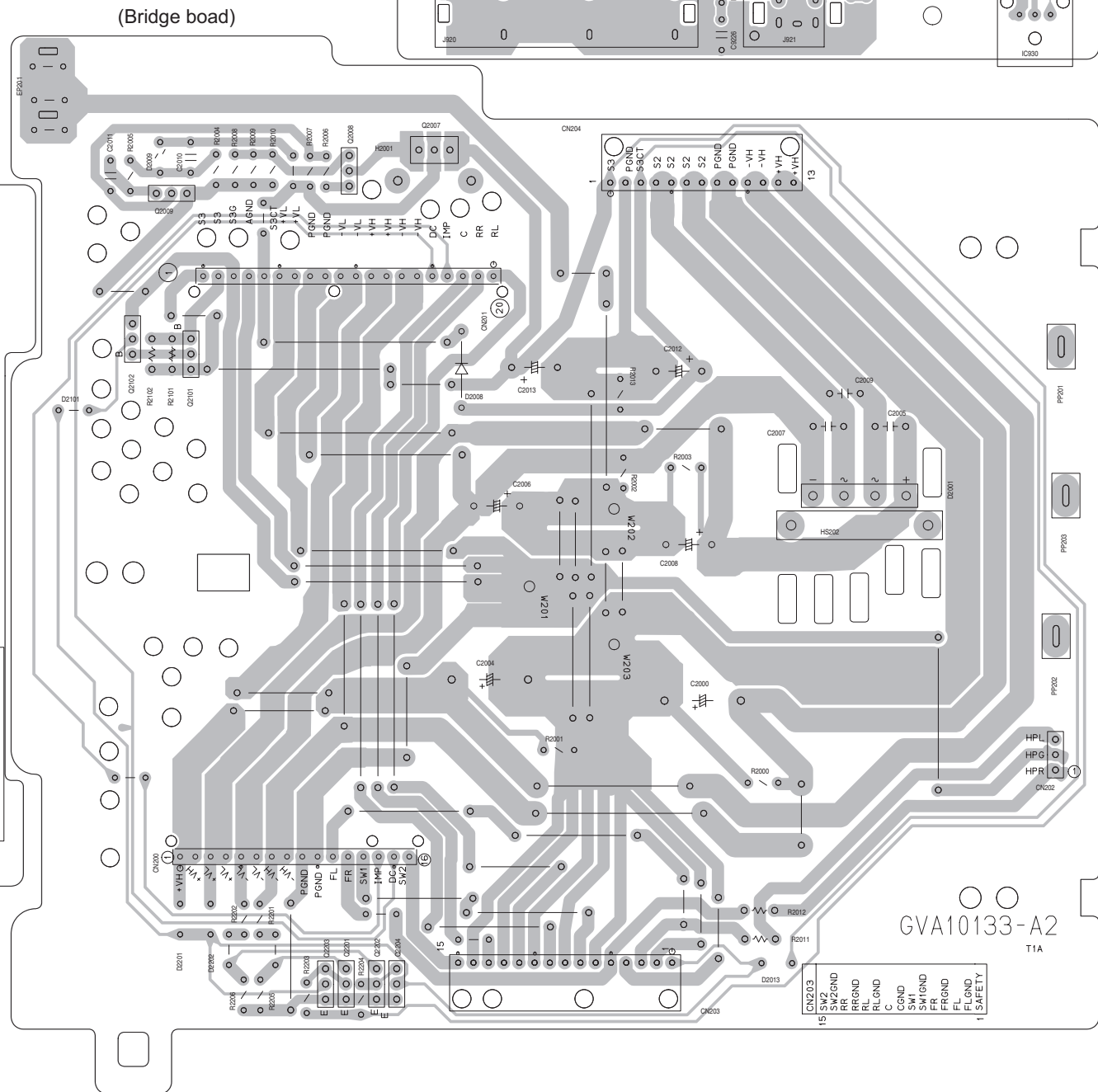
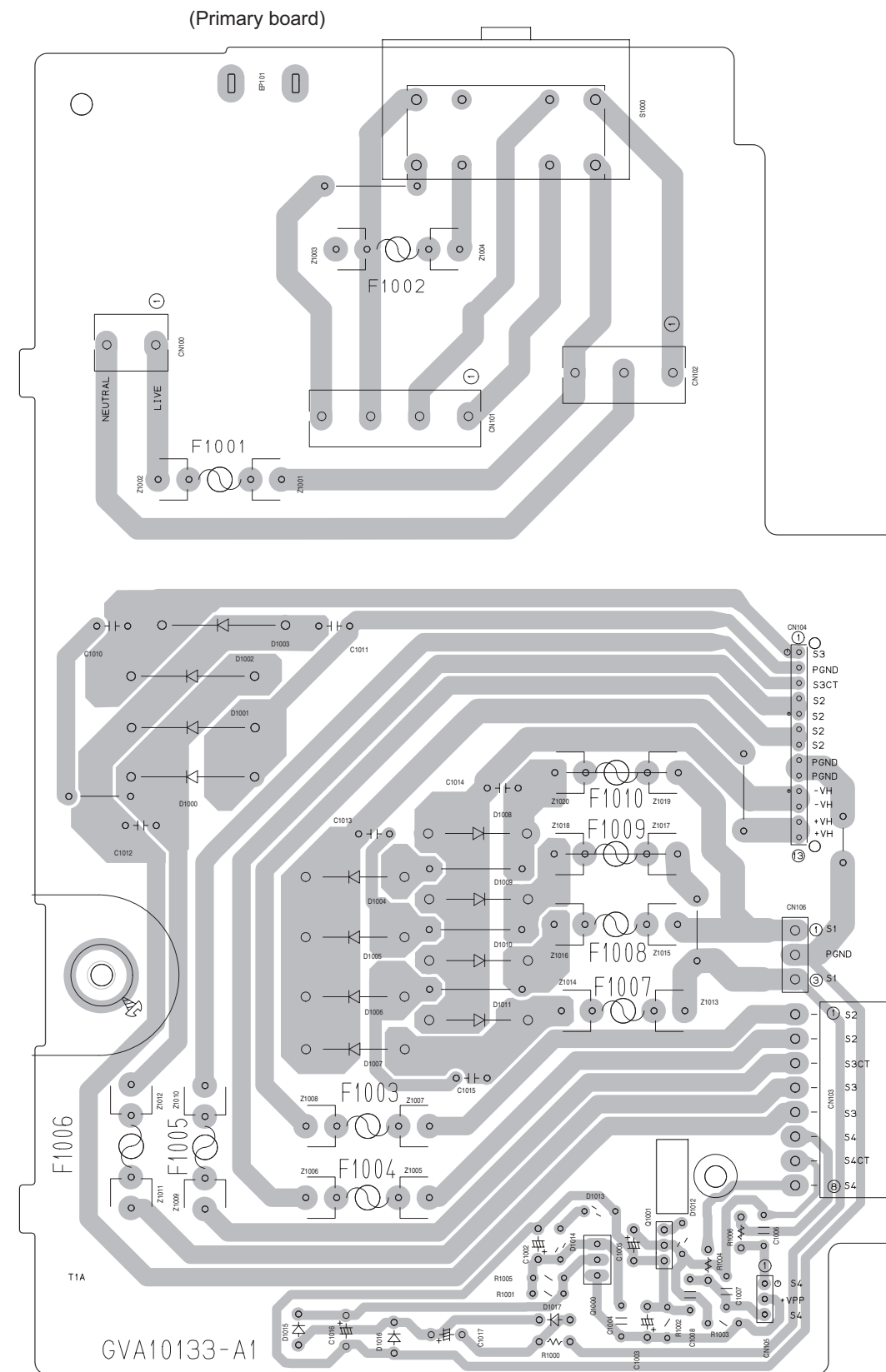
(Amplifier board 1)



(FL board)



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



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

(Motor board)

(Switch board)

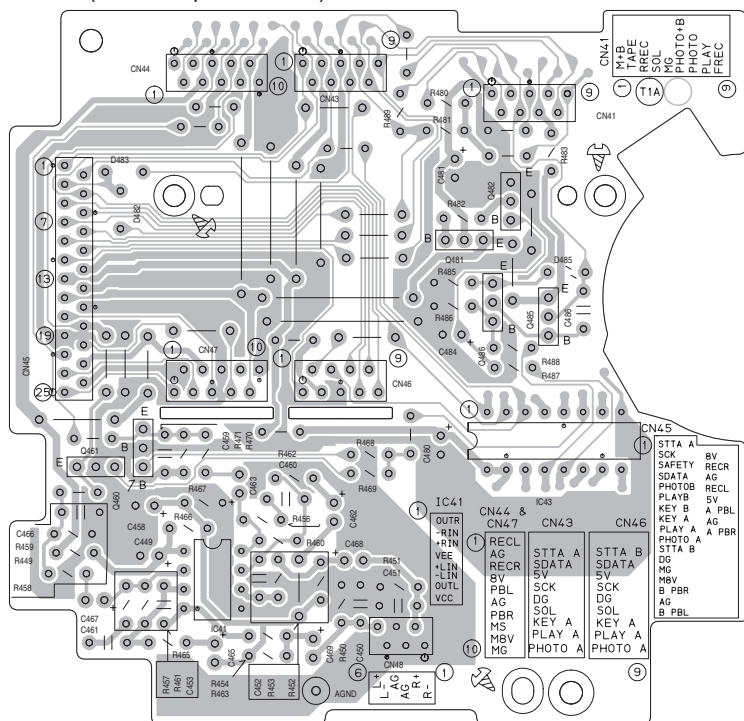
(Sensor board)

(Tray switch board)

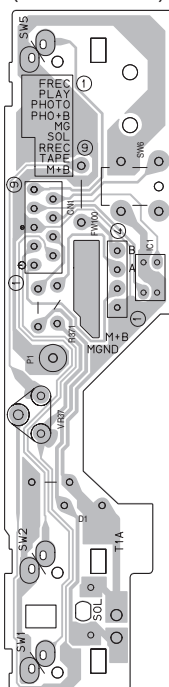
■ **Cassette A board** (common)

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

(Head amplifier board)



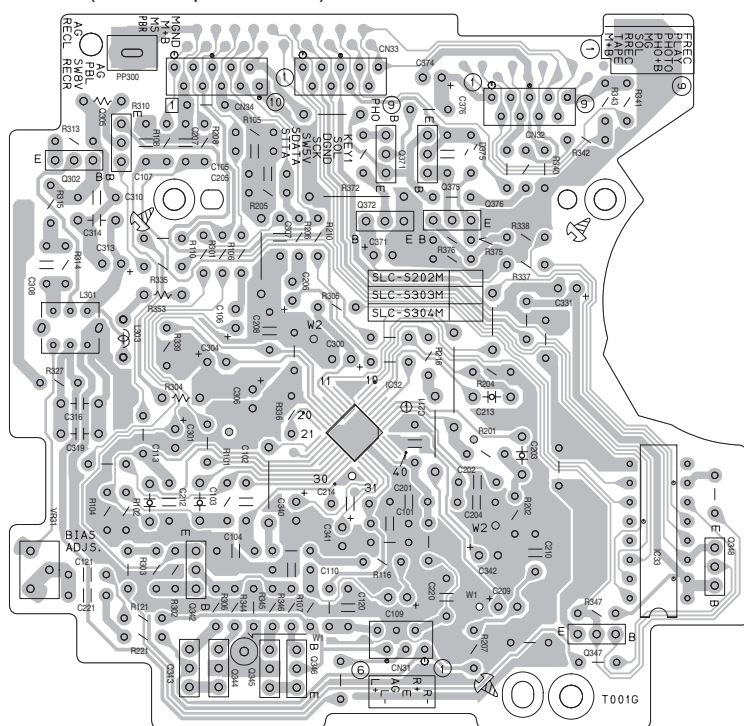
(Switch board)



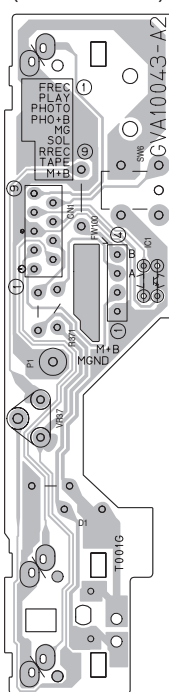
■ Cassette B board (common)

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

(Head amplifier board)



(Switch board)





Victor Company of Japan, Limited

Audio/Video Systems Category 10-1, 1chome, Ohwatari-machi, Maebashi-city, 371-8543, Japan

(No.MB531SCH)



Printed in Japan
VPT