

JVC

SCHEMATIC DIAGRAMS

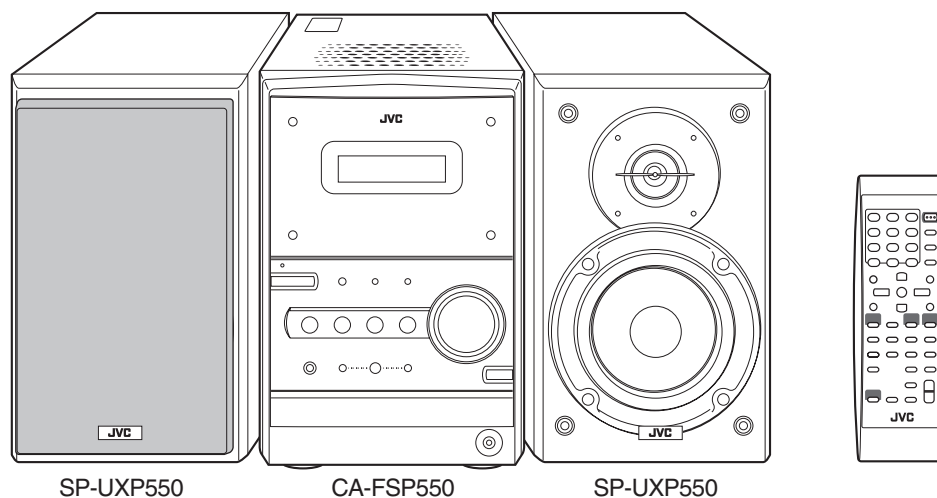
COMPACT COMPONENT SYSTEM

FS-P550

CD-ROM No.SML200405

Area suffix

C ----- Canada



AV COMPU LINK

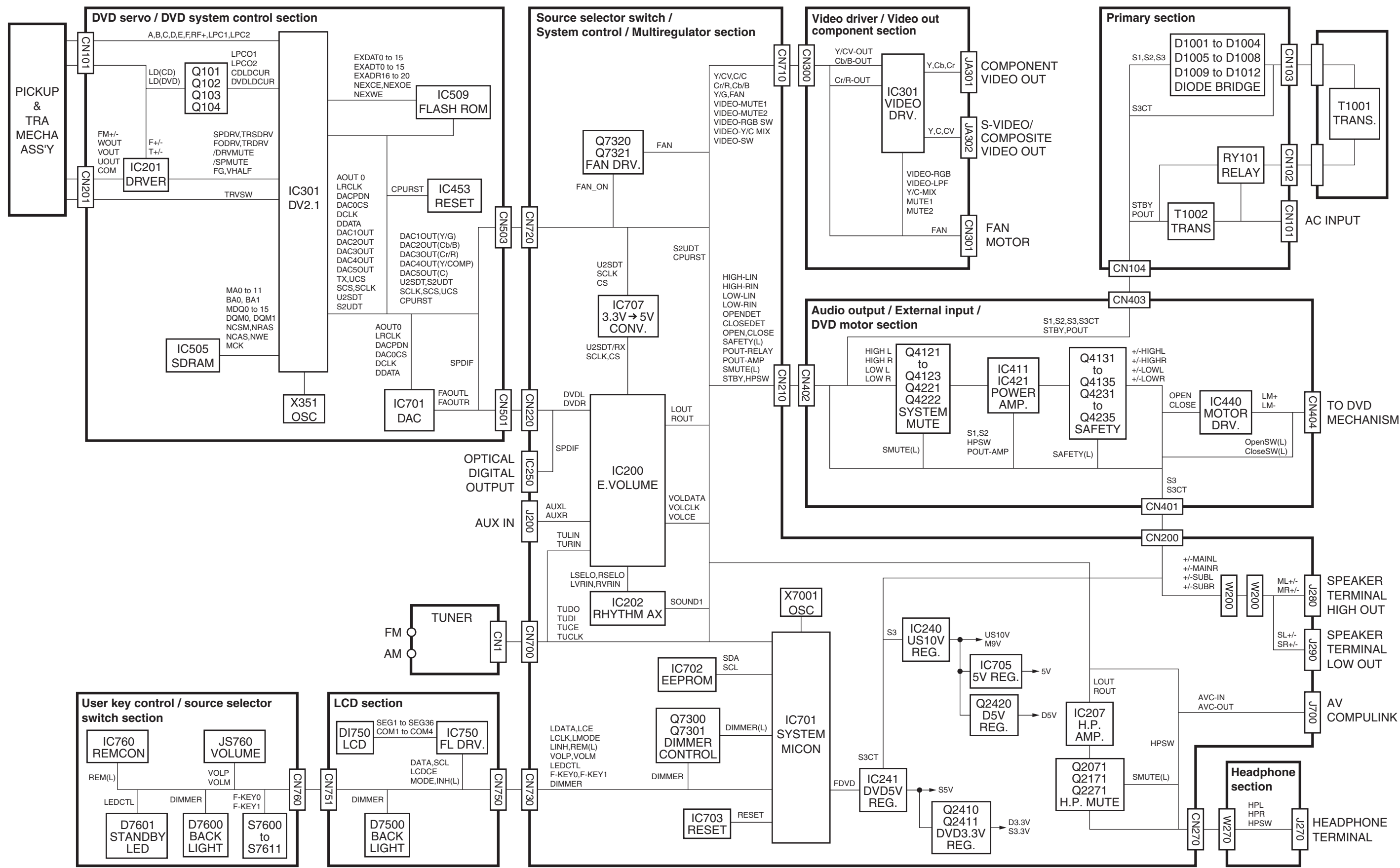
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In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor (■), diode (▬) and ICP (●) or identified by the "△" mark nearby are critical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

(This regulation does not correspond to J and C version.)

Block diagram



■ Primary with mains transformer section

*NOTE : MARK() IS TO SHOW DEVIATION IN VERSIONS
DETAILS ARE EXPLAINED NEAR MARK.

C : CANADA
B : U.K
E : CONTINENTAL EUROPE
EN : NORDIC COUNTRIES
EV : EASTERN EUROPE
UX : SAUDI ARABIA
UF : CHINA
UW : SOUTH AMERICA
UJ : US ARMY
EE : RUSSIA
UB : HONG KONG
UN : INDONESIA
US : SINGAPORE AND UNIVERSAL
EXCEPT ALL OF ABOVE

1. VOLTAGES ARE DC-MEASURED USING A DIGITAL VOLTMETER OR AN OSCILLOSCOPE WITHOUT INPUT SIGNAL IN CD STOP MODE CONDITION UNLESS OTHERWISE SPECIFIED

2. ALL RESISTORS ARE 1/8W 5% CARBON RESISTOR.

ALL CAPACITORS ARE 50V CERAMIC CAPACITOR OR 50V MYLAR CAPACITOR.

ALL RESISTANCE VALUES ARE IN OHMS UNLESS OTHERWISE SPECIFIED.

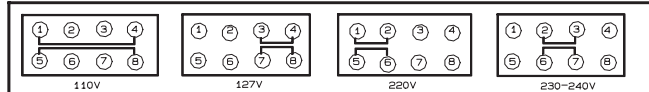
ALL CAPACITANCE VALUES ARE IN μF (PPF).

ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE*(F/RATED VOLTAGE (V))

ALL DIODES ARE 1SS189-041-T2 TYPE UNLESS UNspecified

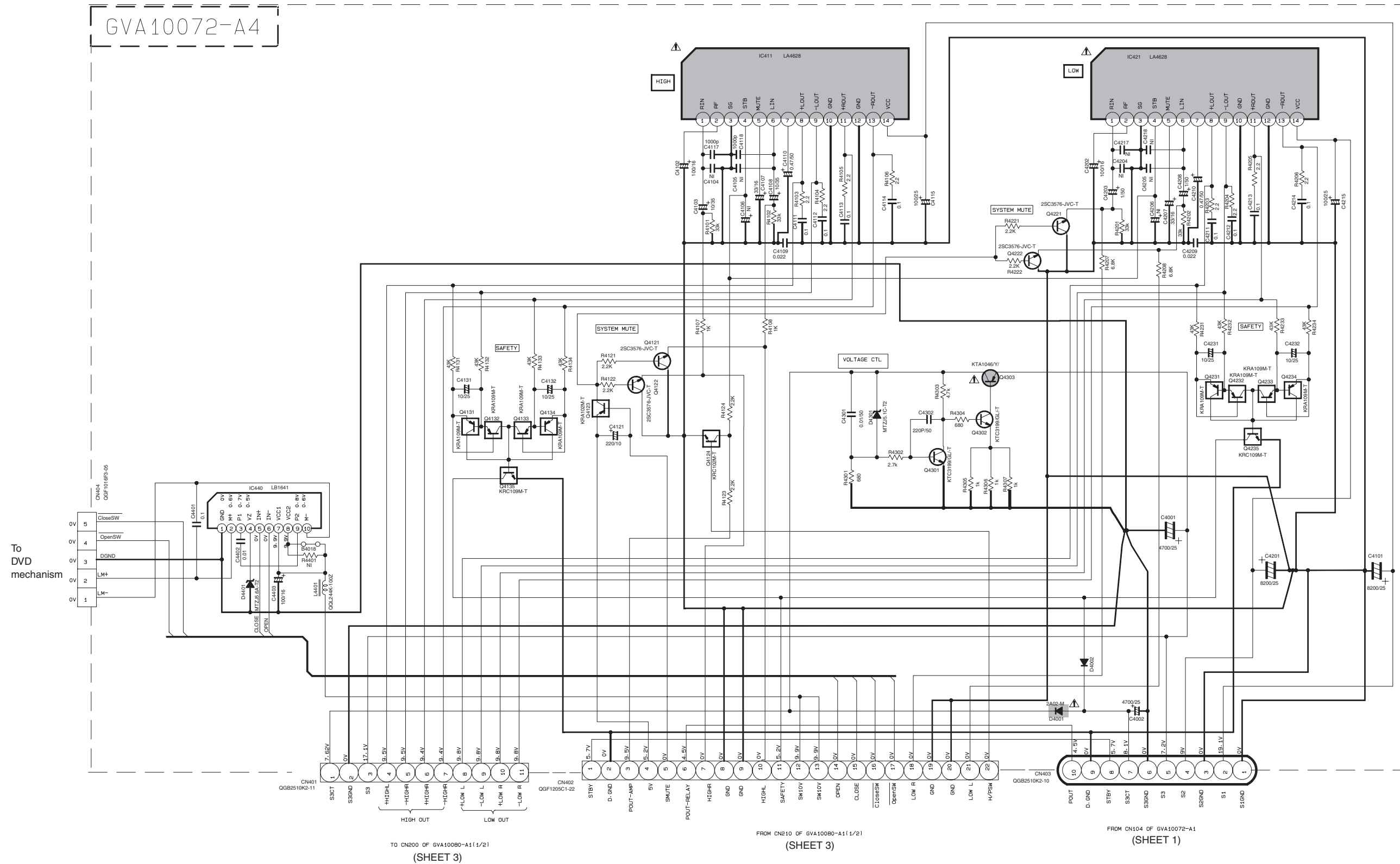
POLYPROPYLENE CAPACITOR

50V 45K MYLAR CAPACITOR OR 50V 45K BLEN FILM CAPACITOR



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

■ Audio output / External input / DVD motor section



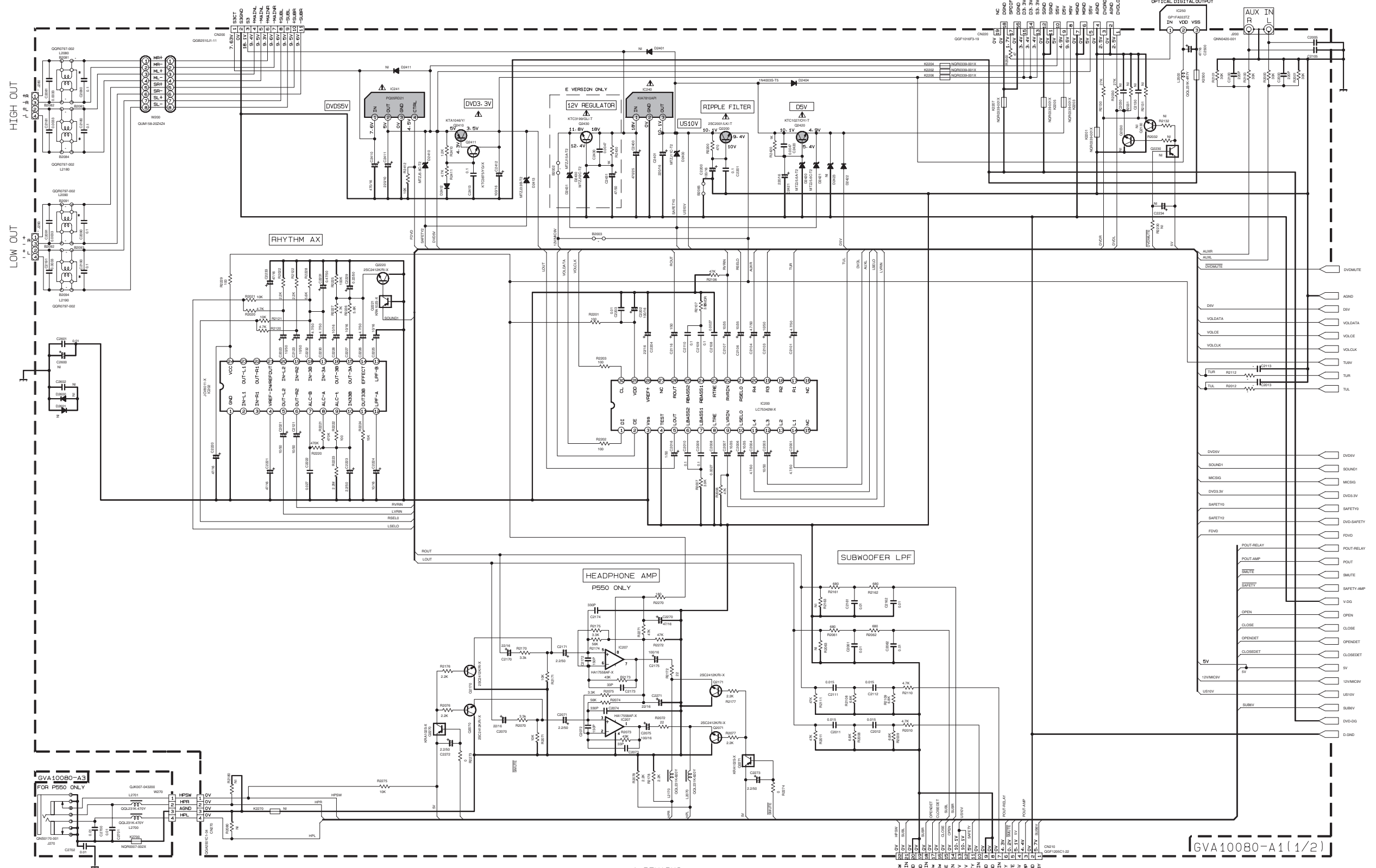
NOTES

1. VOLTAGES ARE DC-MEASURED USING A DIGITAL VOLT-METER OR AN OSCILLOSCOPE WITHOUT INPUT SIGNAL IN CD STOP MODE CONDITION UNLESS OTHERWISE SPECIFIED
 2. ALL RESISTORS ARE 1/8W 5% CARBON RESISTOR.
ALL CAPACITORS ARE 50V CERAMIC CAPACITOR OR 50V MYLAR CAPACITOR.
ALL RESISTANCE VALUES ARE IN OHM(S).
ALL CAPACITANCE VALUES ARE IN μ F(P μ F).
ALL E. CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(μ F)/RATED VOLTAGE (V).
ALL DIODES ARE 1SS119-041-T2 TYPE UNLESS SPECIFIED
- POLYPROPYLENE CAPACITOR
50V $\pm$ 5% MYLAR CAPACITOR OR 50V 5% INHIN FILM CAPACITOR

■ Multiregulator / LPF / PHYTHM AX section

(SHEET 2)
FROM CN401 OF
GVA10072-A4

(SHEET 7)
TO CN501 OF LVA10452-211B



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 RESISTORS ARE 1/4W $\pm 5\%$ CARBON FILM RESISTOR OR 0.063W $\pm 5\%$ THICK FILM CHIP RESISTOR
ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR.

ALL RESISTANCE VALUES ARE IN OHM(Ω).
ALL CAPACITANCE VALUES ARE IN P(F= μ F).
ALL E. CAPACITORS ARE SHOWN IN THE FORM
OF CAPACITANCE(μ F)/RATED VOLTAGE (V).
ALL INDUCTANCE VALUES ARE IN μ H(m= m H).
ALL DIODES ARE 1SS119-041-T2
ALL FERRITE BEADS ARE QGR0621-001Z

* REMARKS

	B/E/EN/VE/EE	C	UF
B2002	USE	—	—
B2003	—	—	—
L20B0/L21B0 L2090/L2190	USE	—	USE
B20B1-B20B4 B2091-B2094	—	USE	—
J2B0	QNB0172-001	QNB0172-002	QNB0172-003
J290	QNB0038-001	QNB0194-001	QNB0038-002
R2012/R2112	1K	20K	20K
C2013/C2113	4700Ω	560Ω	560Ω

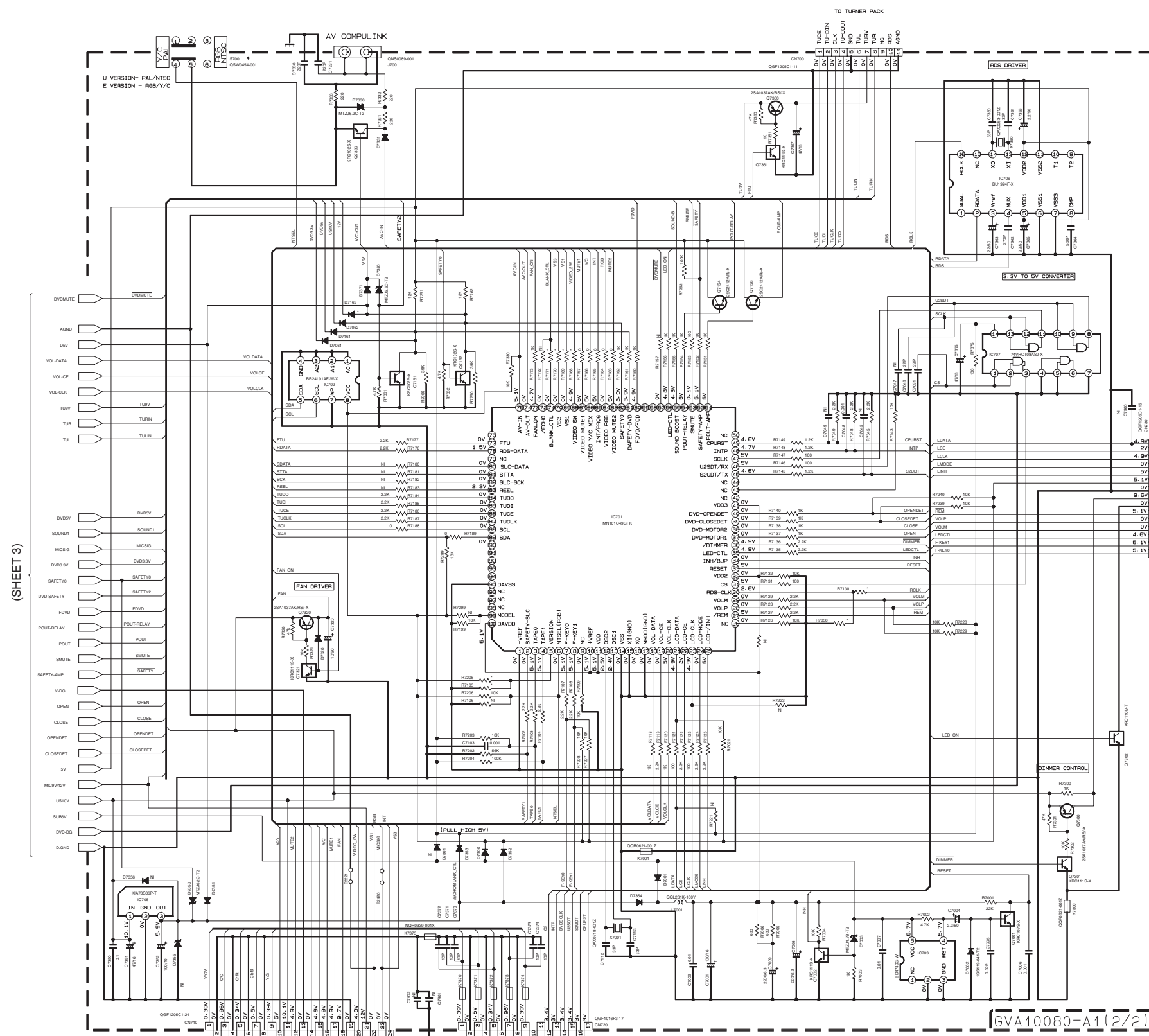
TO CN402 OF GVA10072-A4

(SHEET 2)

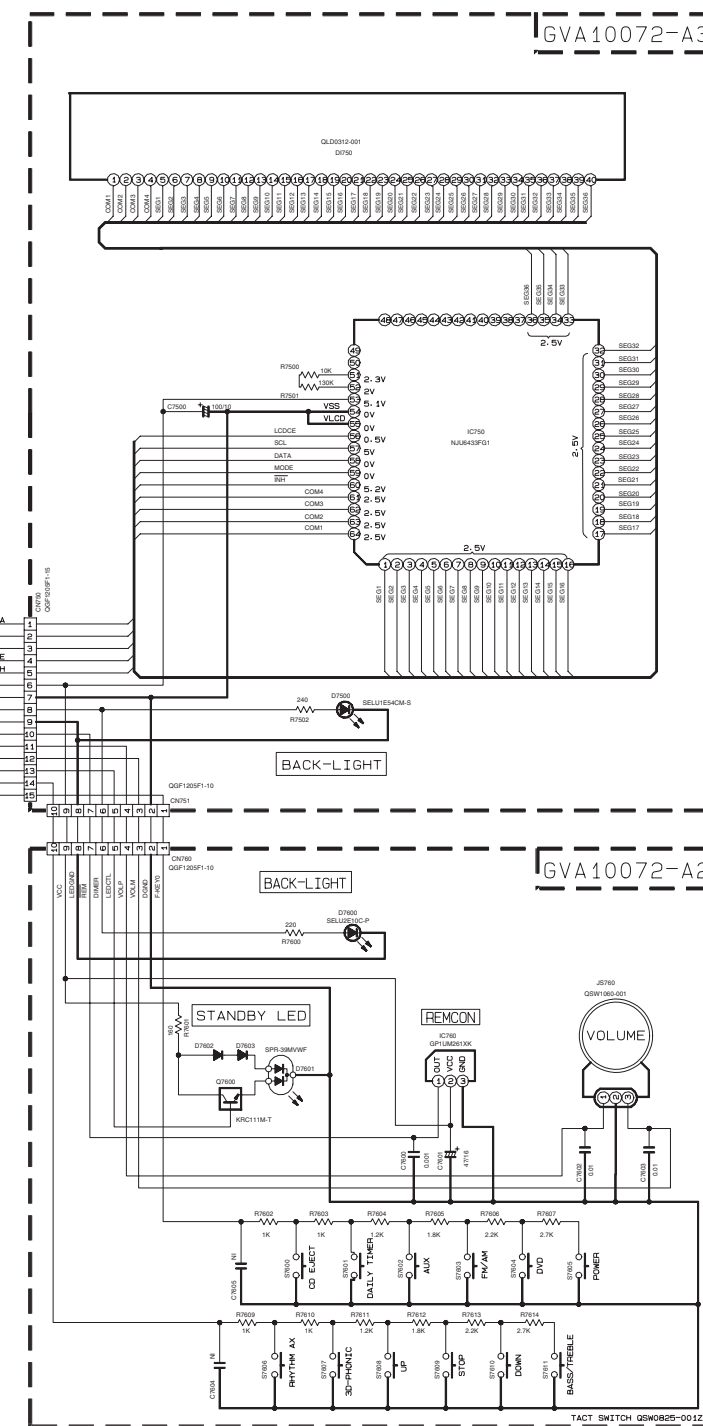
 **Parts are safety assurance parts.**
When replacing those parts make
sure to use the specified one.

(SHEET 4)

■ Source selector switch / LCD display / System control / Users key control section



* REMARKS	B/E/EN/EV/EE	C	UF
R7105	10K	-	10K
R7205	82K	27K	3-3
S700	USE	-	USE
D7162	USE	-	-
R7030	-	10K	10K
R7130	2.2K	-	-
R7168	0	-	-
R7169	0	-	-
R7170	0	-	-
R7171	0	-	-



NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL. CONDITION ---- CD STOP MODE	ALL RESISTANCE VALUES ARE IN OHM(Ω).
2. UNLESS OTHERWISE SPECIFIED:	ALL CAPACITANCE VALUES ARE IN P(F)(pF).
ALL RESISTORS ARE 1/4W $\pm$ 5% CARBON FILM RESISTOR OR 0.063W $\pm$ 5% THICK FILM CHIP RESISTOR	ALL E. CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μ F) / RATED VOLTAGE (V).
ALL DIODES ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR.	ALL INDUCTANCE VALUES ARE IN MH(MHm).
	ALL COTYPES ARE 1SS19-041-12
	ALL FERRITE BEADS ARE N90007-002X

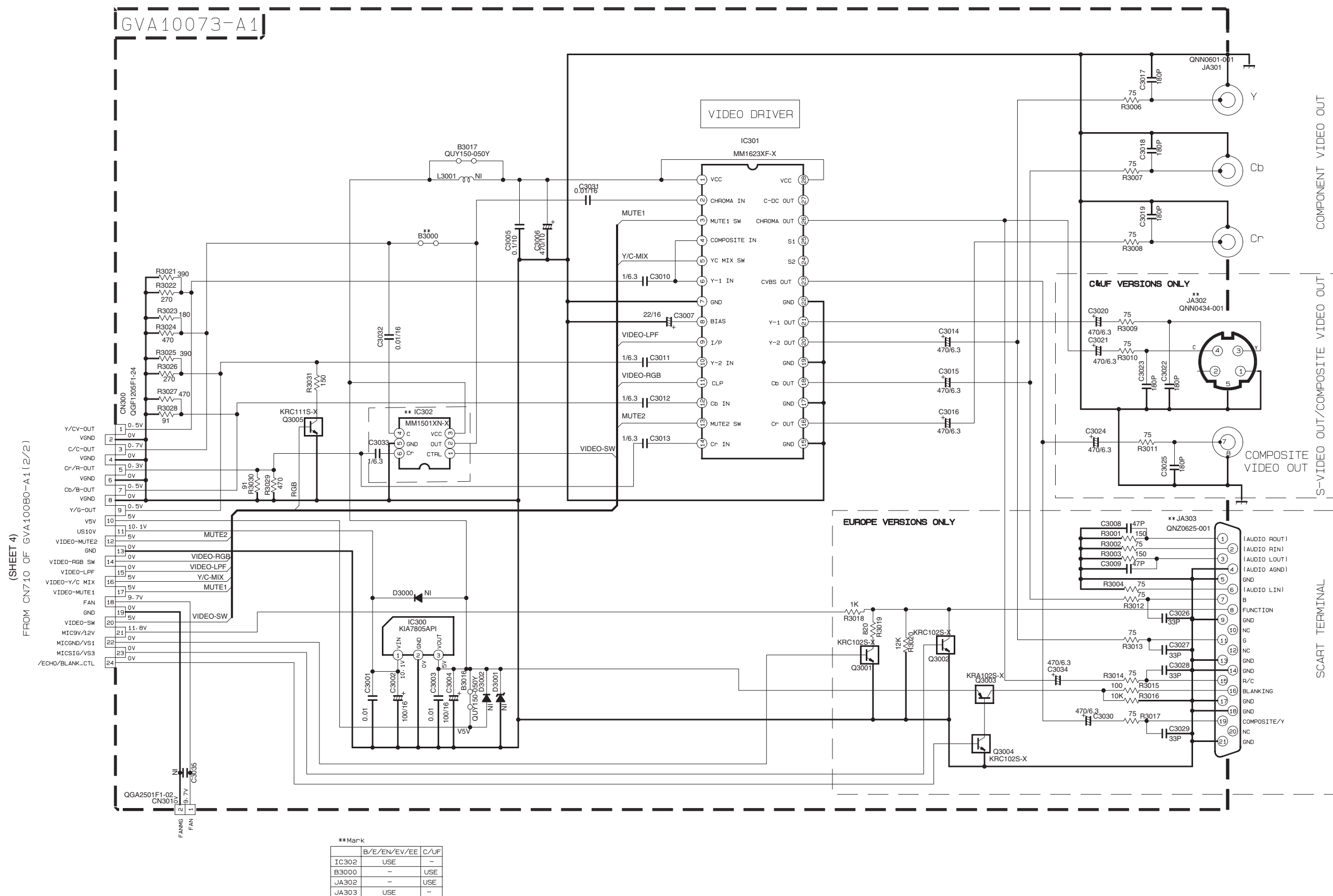
TO CN300 OF GVA10073-A1
(SHEET 5)

FROM CN503 OF LVA10452-211B(2/2)

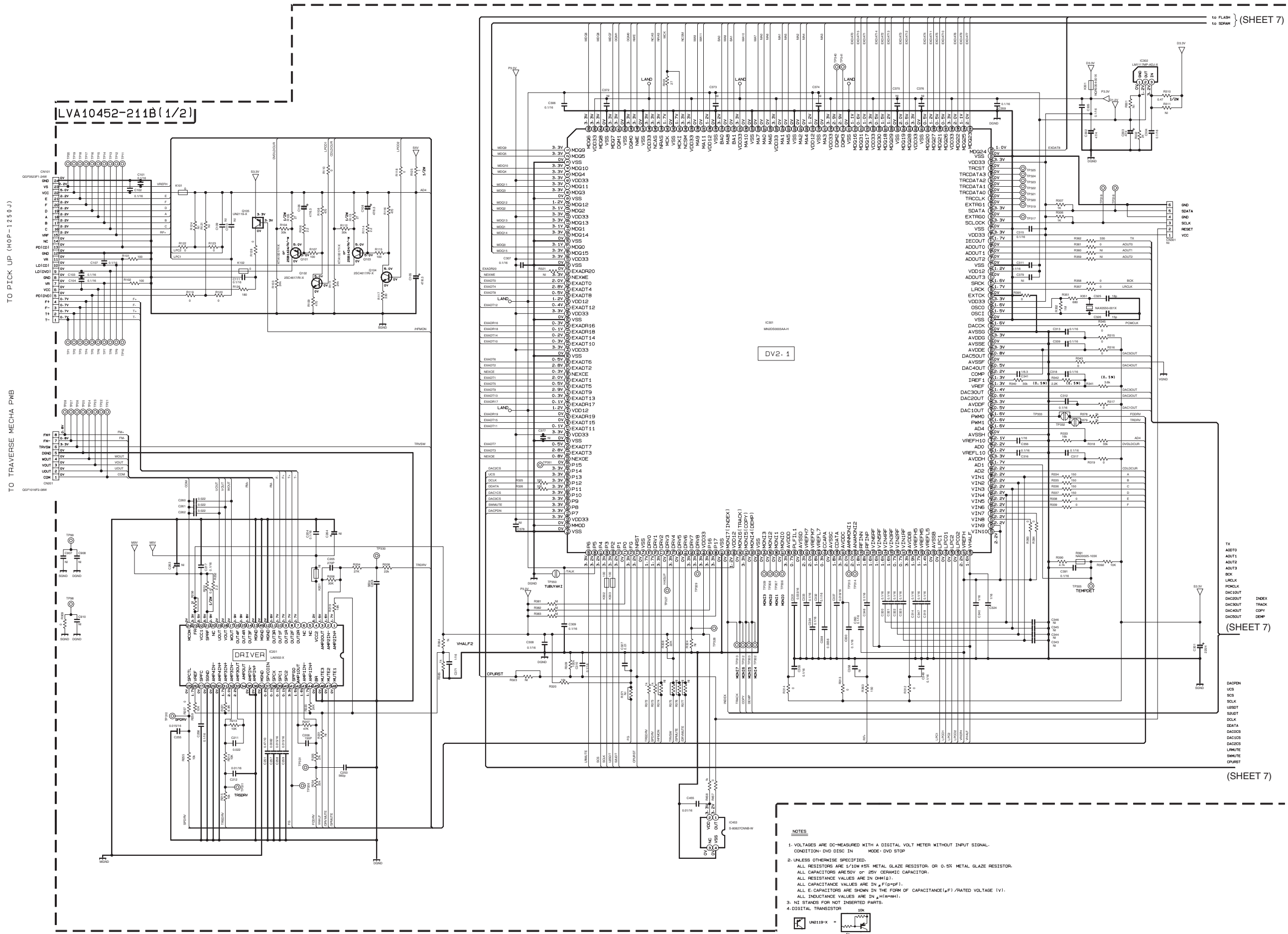
(SHEET 7)

SHEET 4

■ Video driver / Video out component section



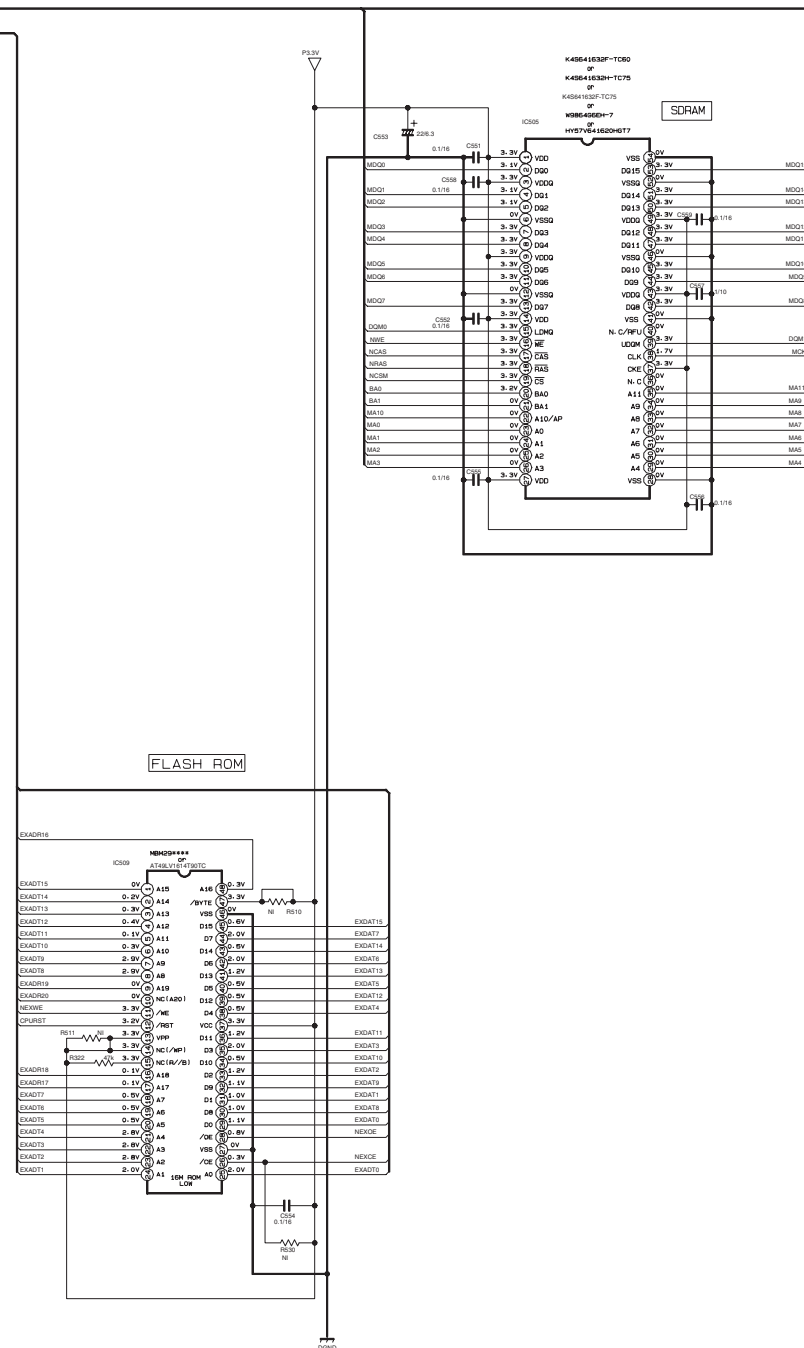
■ DVD servo and DVD system control section (1/2)



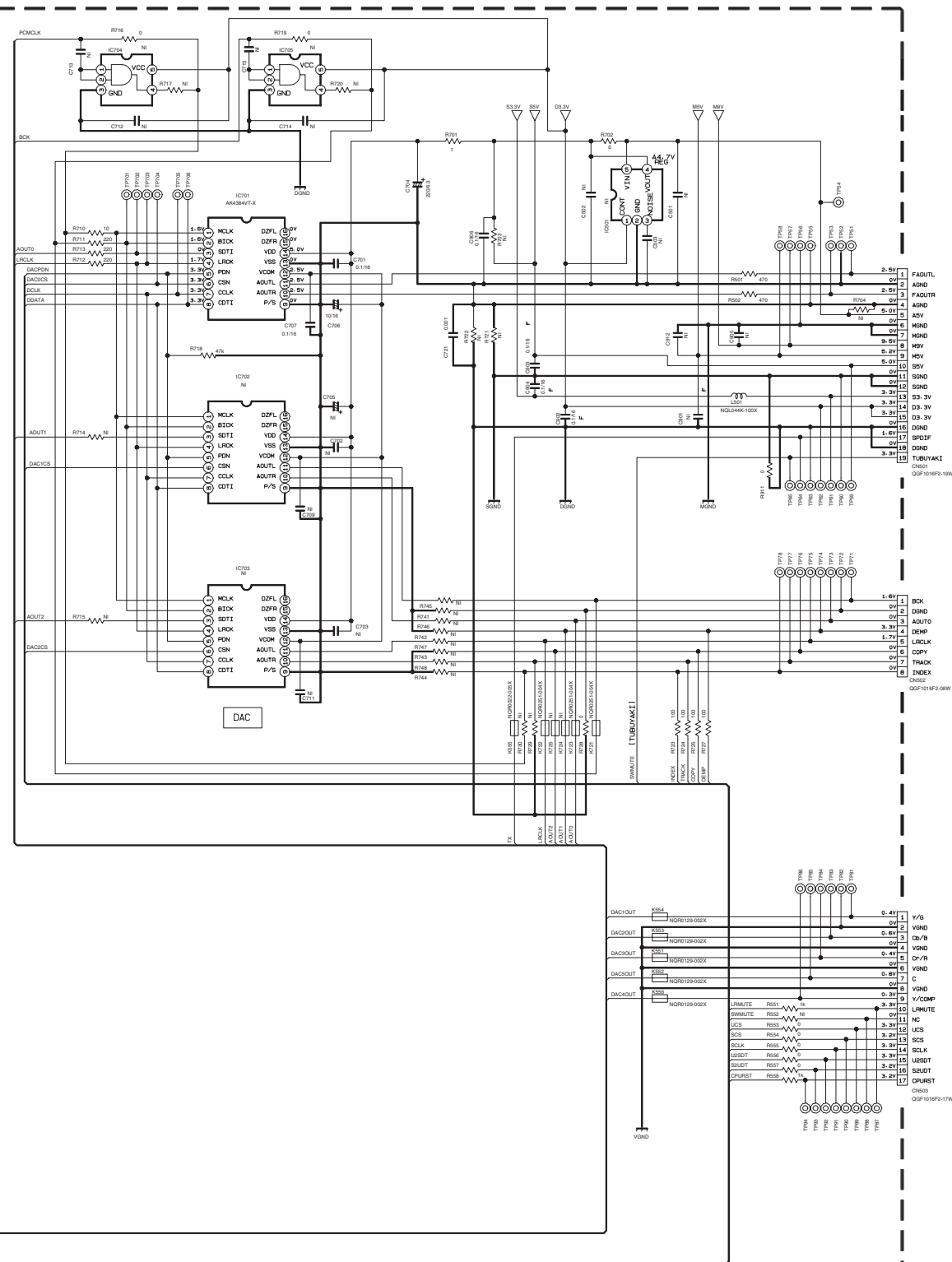
■ DVD servo and DVD system control section (2/2)

LVA10452-211B(2/2)

(SHEET 6)



(SHEET 6)



FROM CN220 OF GVA10080-A1 (1/2)

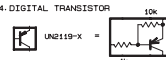
TO CN720 OF GVA10080-A1(2/2)

(SHEET 3)

(SHEET 4)

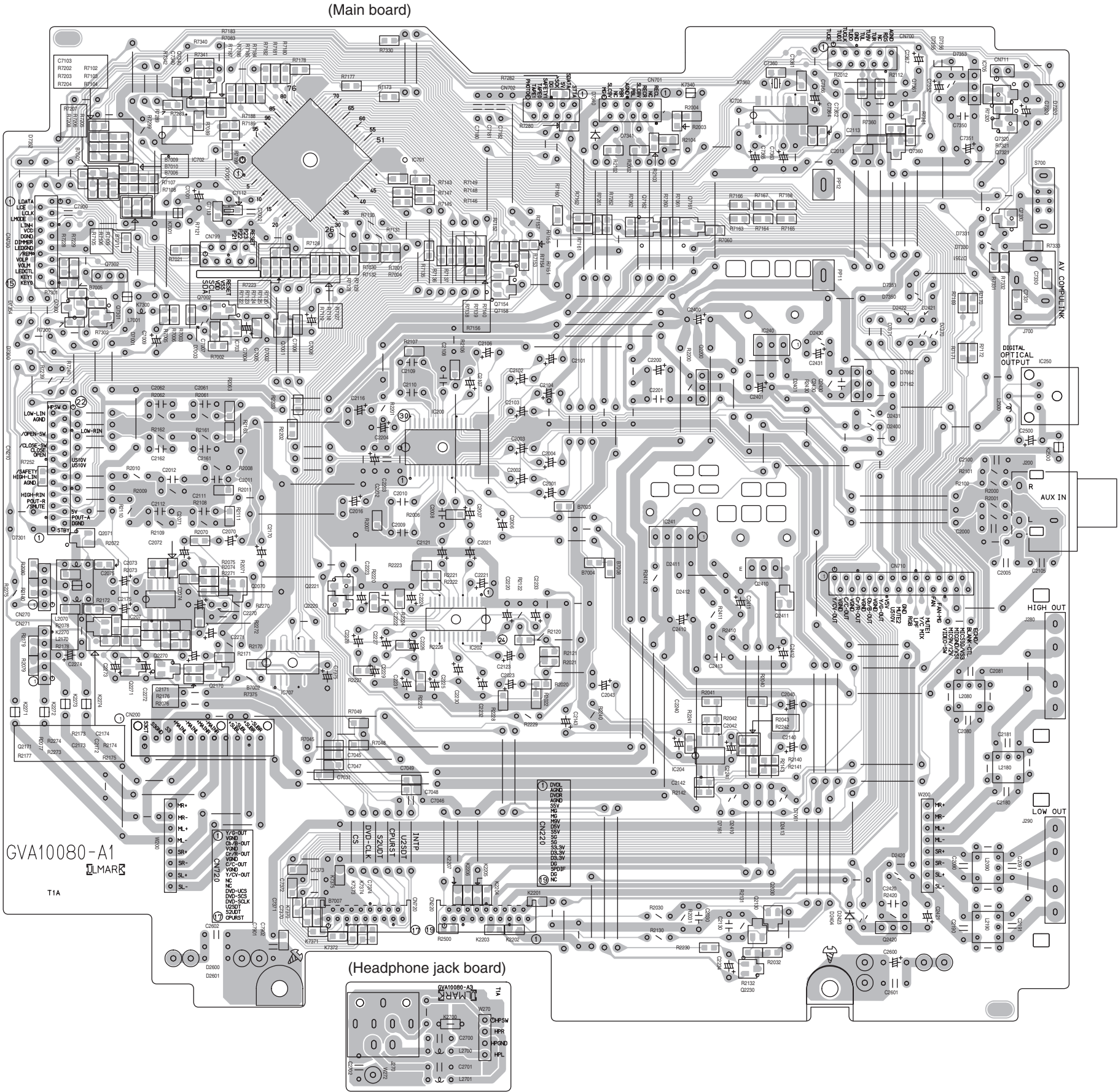
NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.
CONDITION: D0 DISC IN. MODE: DVO STP
2. UNLESS OTHERWISE SPECIFIED:
ALL RESISTORS ARE 1/10W 45K METAL GLAZE RESISTOR, OR 0.5K METAL GLAZE RESISTOR
ALL CAPACITORS ARE 50V OR 25V CERAMIC CAPACITOR.
ALL RESISTANCE VALUES ARE IN OHM(S).
ALL CAPACITANCE VALUES ARE IN F(PPPF).
ALL E. CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(F)/RATED VOLTAGE (V).
ALL INDUCTANCE VALUES ARE IN H(MHMH).
3. NI STANDS FOR NOT INSERTED PARTS.
4. DIGITAL TRANSISTOR 10W

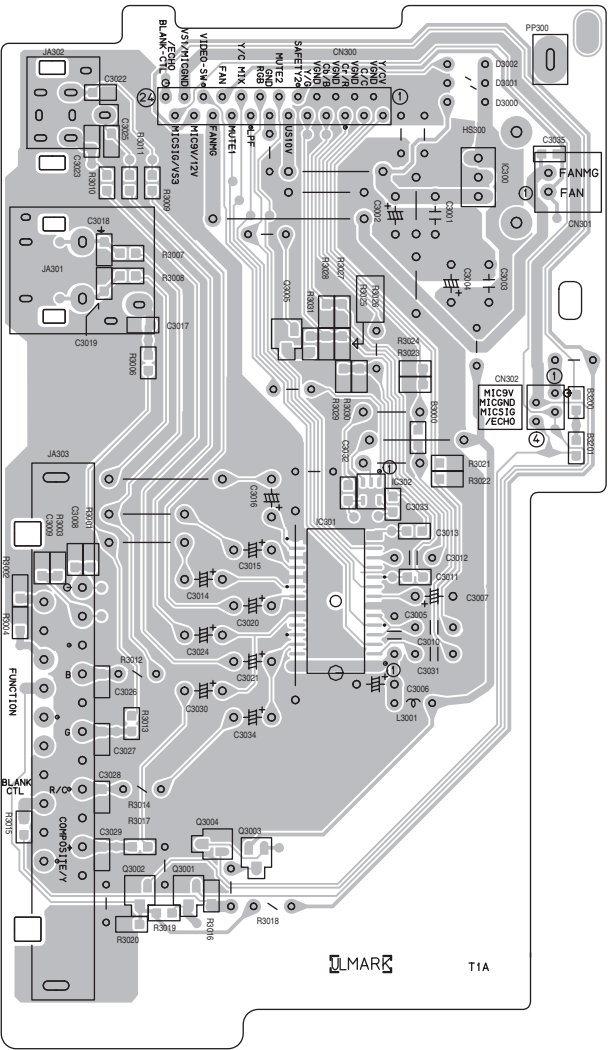


Printed circuit boards

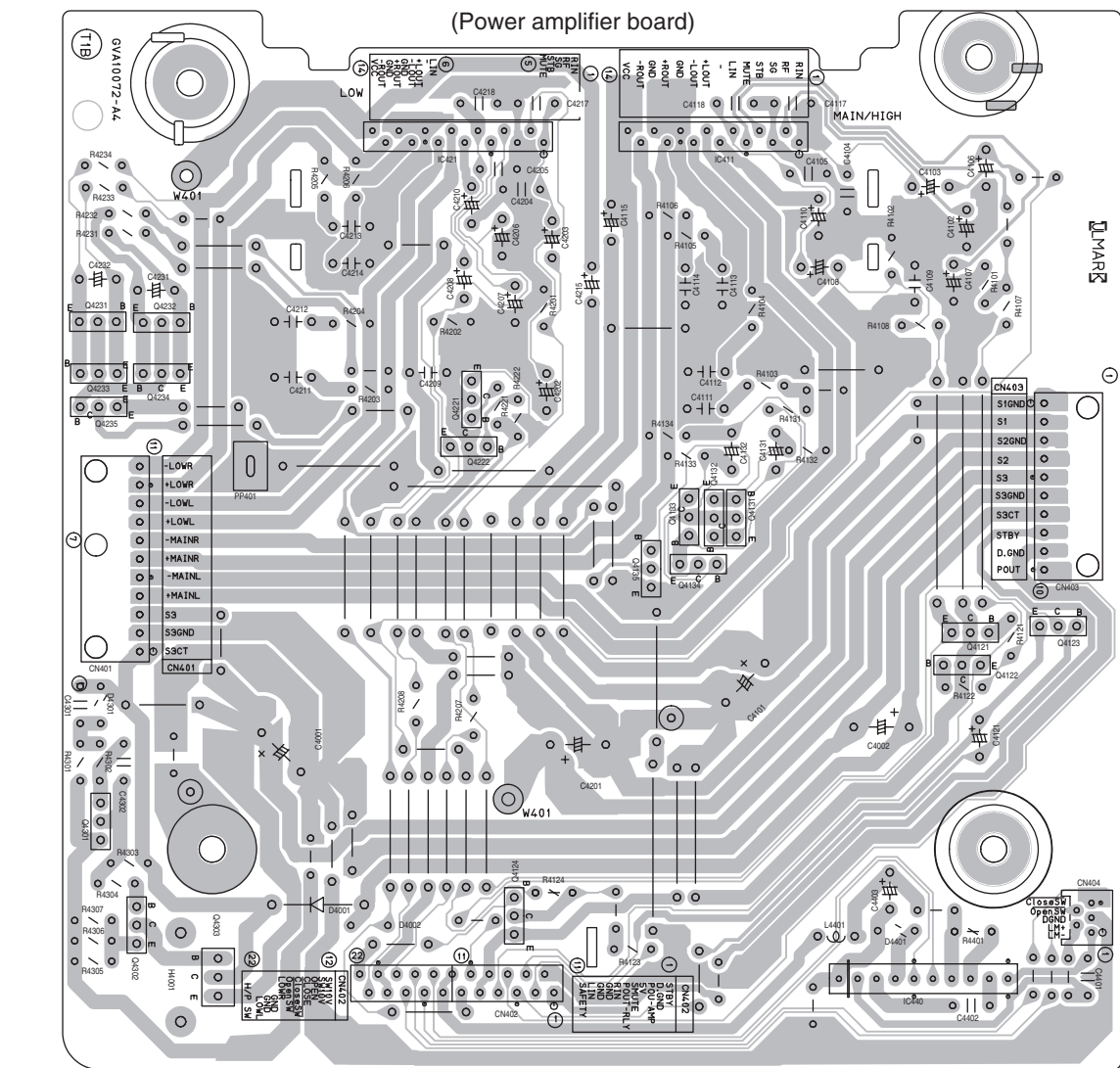
■ Main board



■ Video board

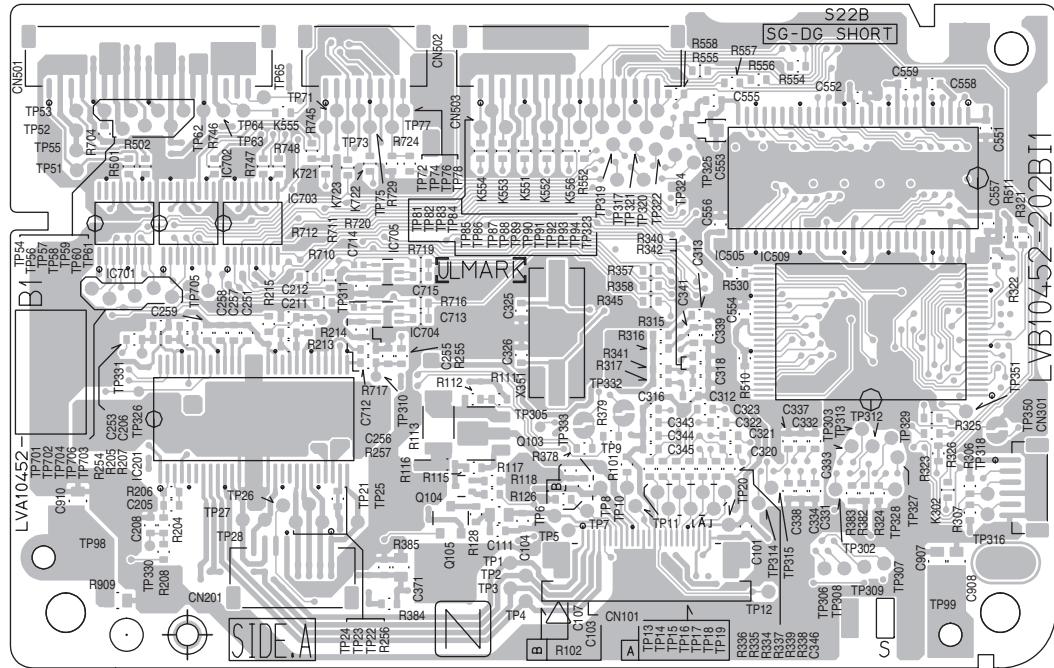


■ Power board

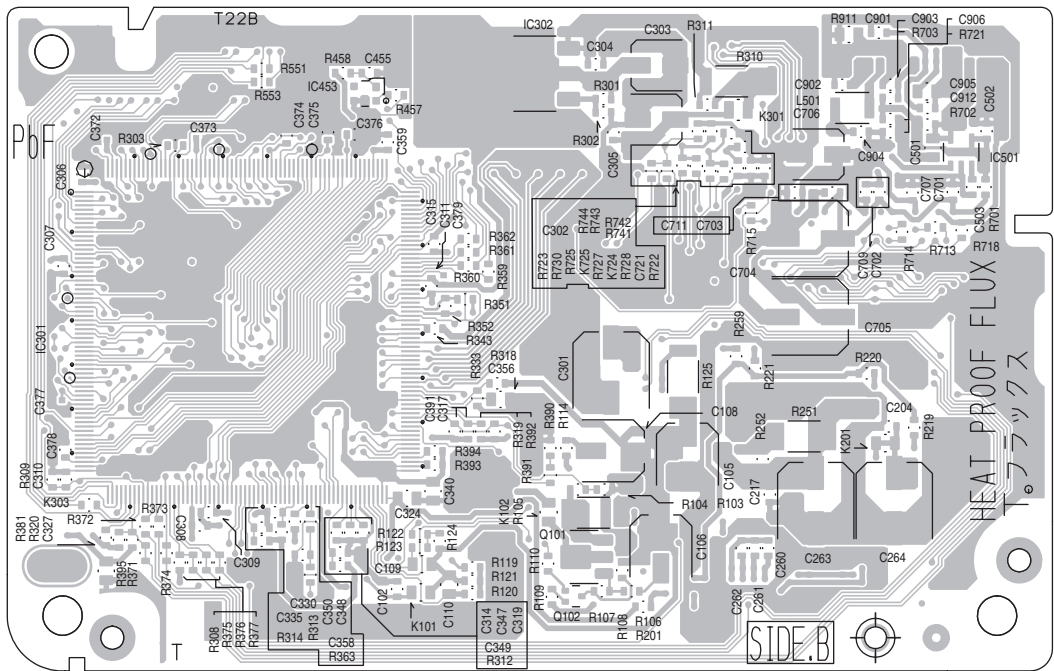


■ DVD servo board

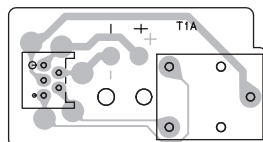
Forward side



Reverse side



■ Switch board





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