

# JVC

# SCHEMATIC DIAGRAMS

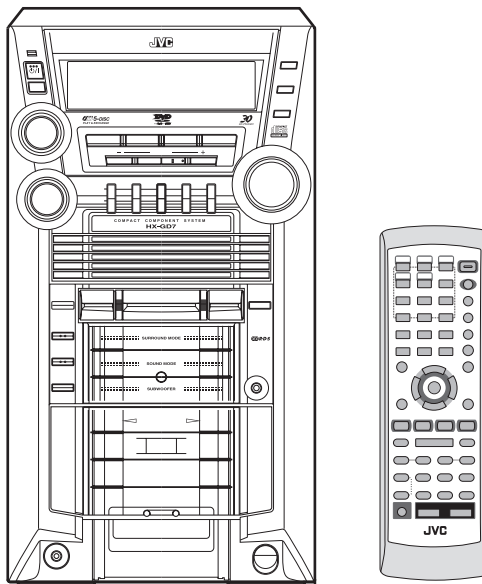
## COMPACT COMPONENT SYSTEM

### HX-GD7

CD-ROM No.SML200405

#### Area suffix

A ----- Australia  
 B ----- U.K.  
 E ----- Continental Europe  
 EN ----- Northern Europe  
 EV ----- Eastern Europe  
 EE ----- Russian Federation



**AV COMPU LINK**

#### Contents

Block diagram .....	2-1
Standard schematic diagrams .....	2-2
Printed circuit boards .....	2-11 to 15

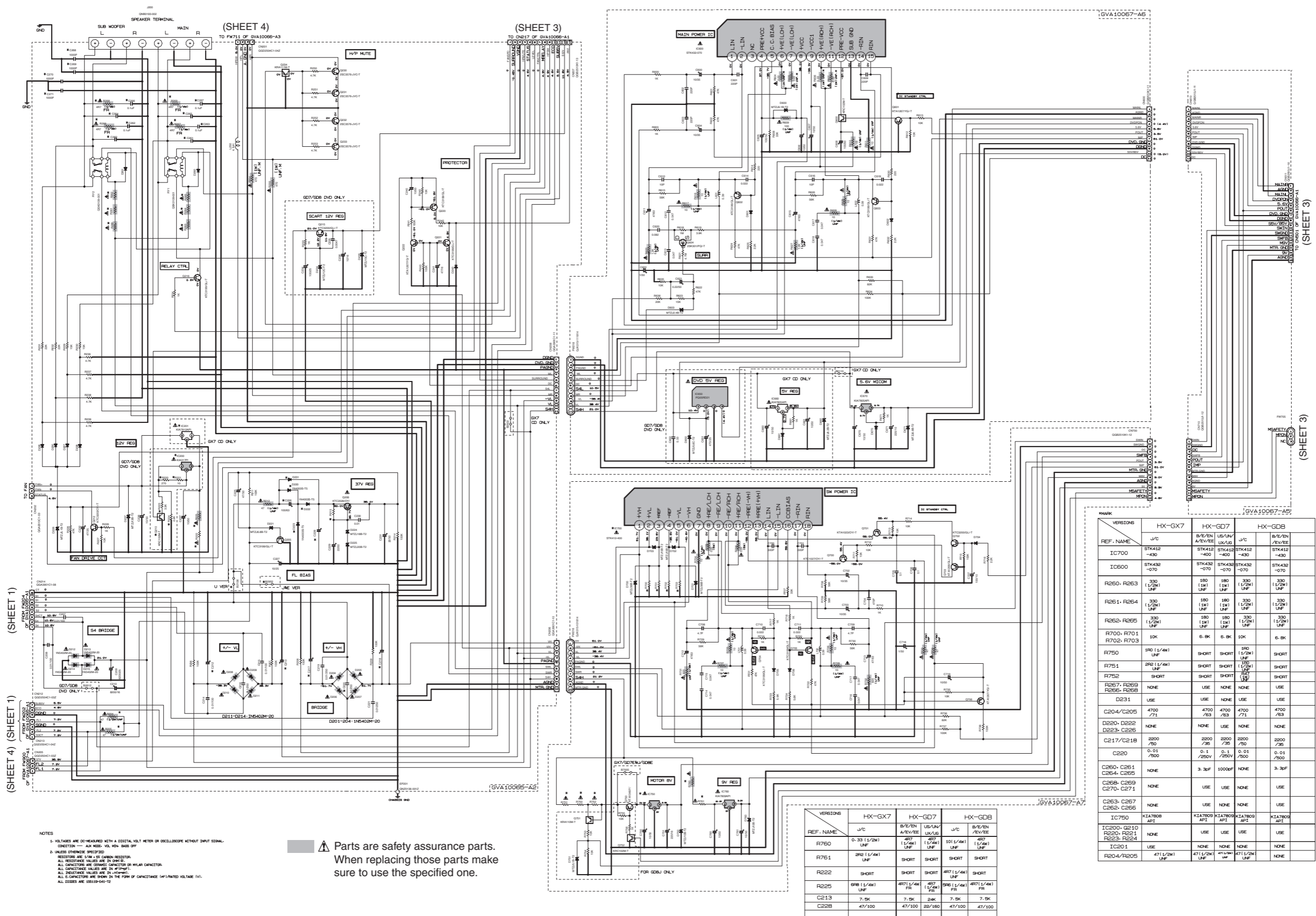
In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor (■), diode (⬤) and ICP (●) or identified by the "▲" mark nearby are critical for safety.

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



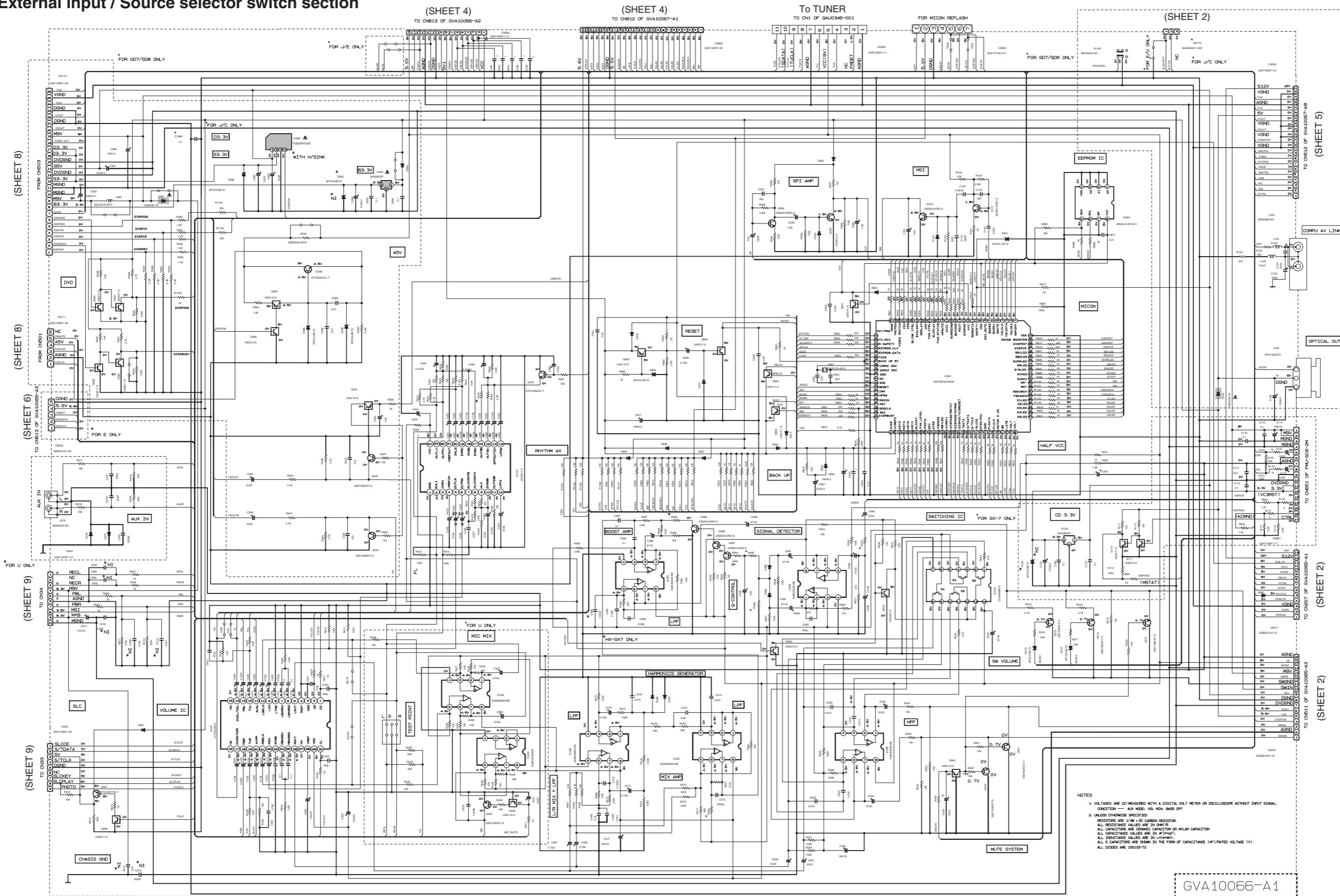


# DC regulators / Audio output section





External input / Source selector switch section



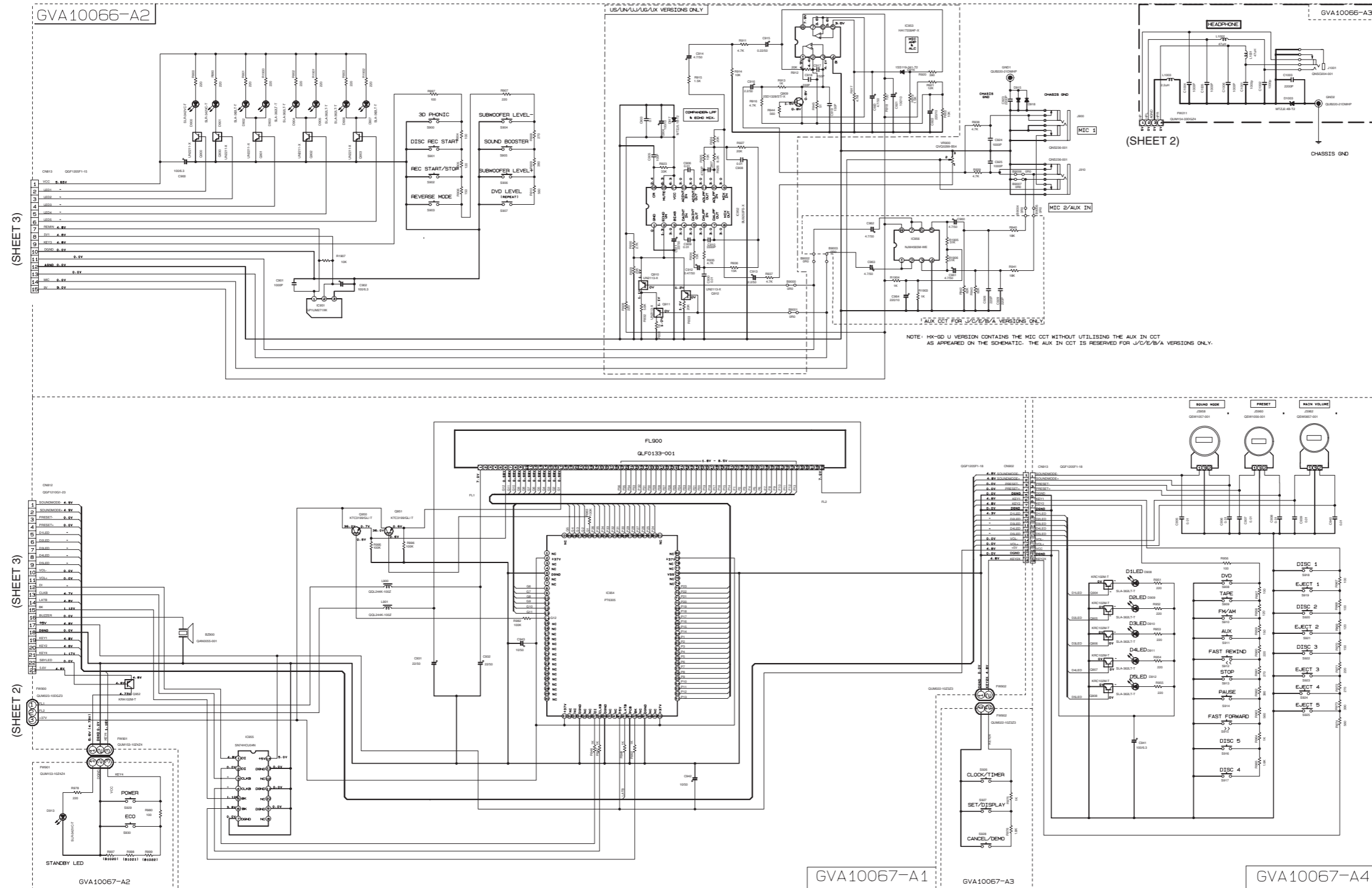
NOTES  
 1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL.  
 CONDITION — AUX MODE- VOL. HOLD. BASS OFF  
 2. UNLESS OTHERWISE SPECIFIED  
 RESISTORS ARE 1/4W ±5% CARBON RESISTOR.  
 ALL RESISTANCE VALUES ARE IN OHMS.  
 ALL CAPACITANCE VALUES ARE IN #1PμF.  
 ALL CAPACITANCE VALUES ARE IN #10μF.  
 ALL CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μF)/RATED VOLTAGE (V).  
 ALL COILS ARE 150Ω/30-72

GVA10066-A1

MODEL	HX-GX7		HX-GD7			HX-GDB		MODEL	HX-GX7		HX-GD7		HX-GDB	
VERSION	J/C	E SERIES	U SERIES	J/C	E SERIES	U SERIES	J/C	E SERIES	J/C	E SERIES	U SERIES	J/C	E SERIES	
R480	1.0K	1.3K	1.3K	1.3K	1.3K	51K	51K	6.8K	6.8K	11K	11K	11K	56K	
C497	220/16	220/16	330/16	220/16	220/16	150K	150K	150K	150K	150K	150K	150K	150K	
R503	5.6K	10K	10K	5.6K	10K	4.7K	4.7K	4.7K	4.7K	5.1K				

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

FL display / System control / User control keys section



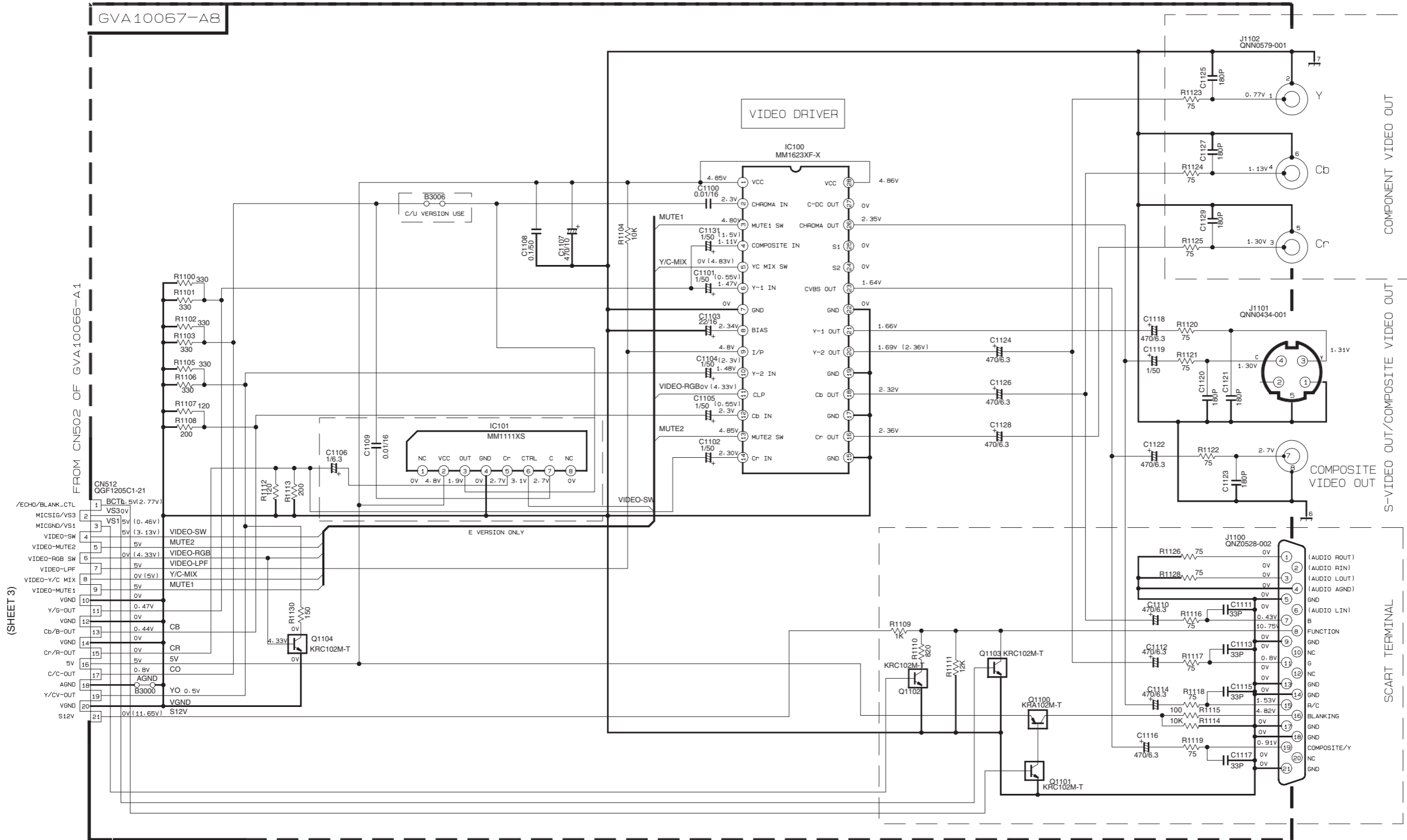
REF. NO.	Q08	VERSION				
		J/C	B/E/EN/EE	US/UN/UJ	UW	UX
R997	(B1020)	100	100	220	230	430
R998	(B1021)	B/W	120	120	130	130
R999	(B1022)	B/W	B/W	B/W	220	270

REF. NO.	Q07	VERSION				
		J/C	B/E/EN/EE	US/UN/UG	A	UX
R997	(B1020)	130	820	2.7K	2.7K	10K
R998	(B1021)	430	430	110	110	100
R999	(B1022)	390	560	B/W	1.8K	110

REF. NO.	QX7	VERSION				
		J/C	B/E/EN/EE	US/UN/UJ	UW	UX
R997	(B1020)	100	100	220	430	430
R998	(B1021)	B/W	120	130	130	430
R999	(B1022)	B/W/B/W	B/W	220	270	560

- NOTES
- VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER AUX MODE. VOL MIN- BASS OFF CONDITION --- OR OSCILLOSCOPE WITHOUT INPUT SIGNAL.
  - 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 \*F(FH=PF).  
ALL INDUCTANCE VALUES ARE IN \*H(mmh).  
ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (\*F)/RATED VOLTAGE (V).  
ALL DIODE ARE 1SS119-041-T2  
ALL TACT SWITCH ARE G50674-001Z  
NI ---> COMPONENT NOT INSERT  
SHORT ---> REPLACE BY BUS WIRE
  - CN990 ONLY USE FOR FLASH MICOM

Video output circuit section



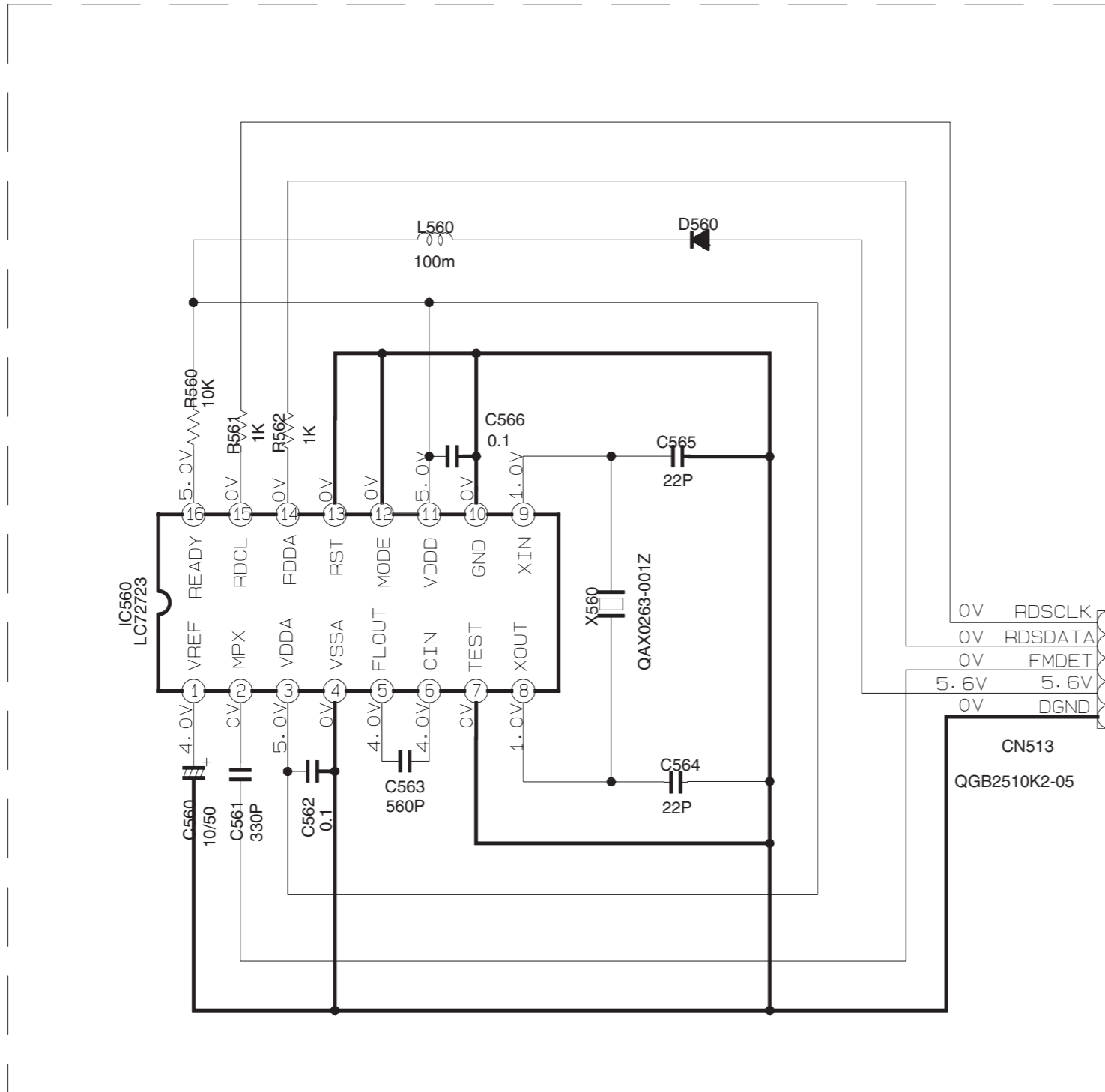
NOTES

- VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLTMETER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL CONDITION -- PLAY DVD THEN STOP. VOL MIN. BASS OFF
- UNLESS OTHERWISE SPECIFIED  
RESISTORS ARE 1/4W, 5% CARBON RESISTOR  
ALL RESISTANCE VALUES ARE IN OHM  
ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR  
ALL CAPACITANCE VALUES ARE IN UF (P = pF)  
ALL INDUCTANCE VALUES ARE IN H (m=mH)  
ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (uF)/RATED VOLTAGE(V)  
ALL DIODES ARE 1SS119-041-T2
- THE VOLTAGES SHOWN ARE FOR ALL VERSION EXCEPT FOR E-VERSION. E VERSION VOLTAGES ARE SHOWN IN ( ) FORM IF THEY DIFFER FROM THE COMMON VOLTAGES



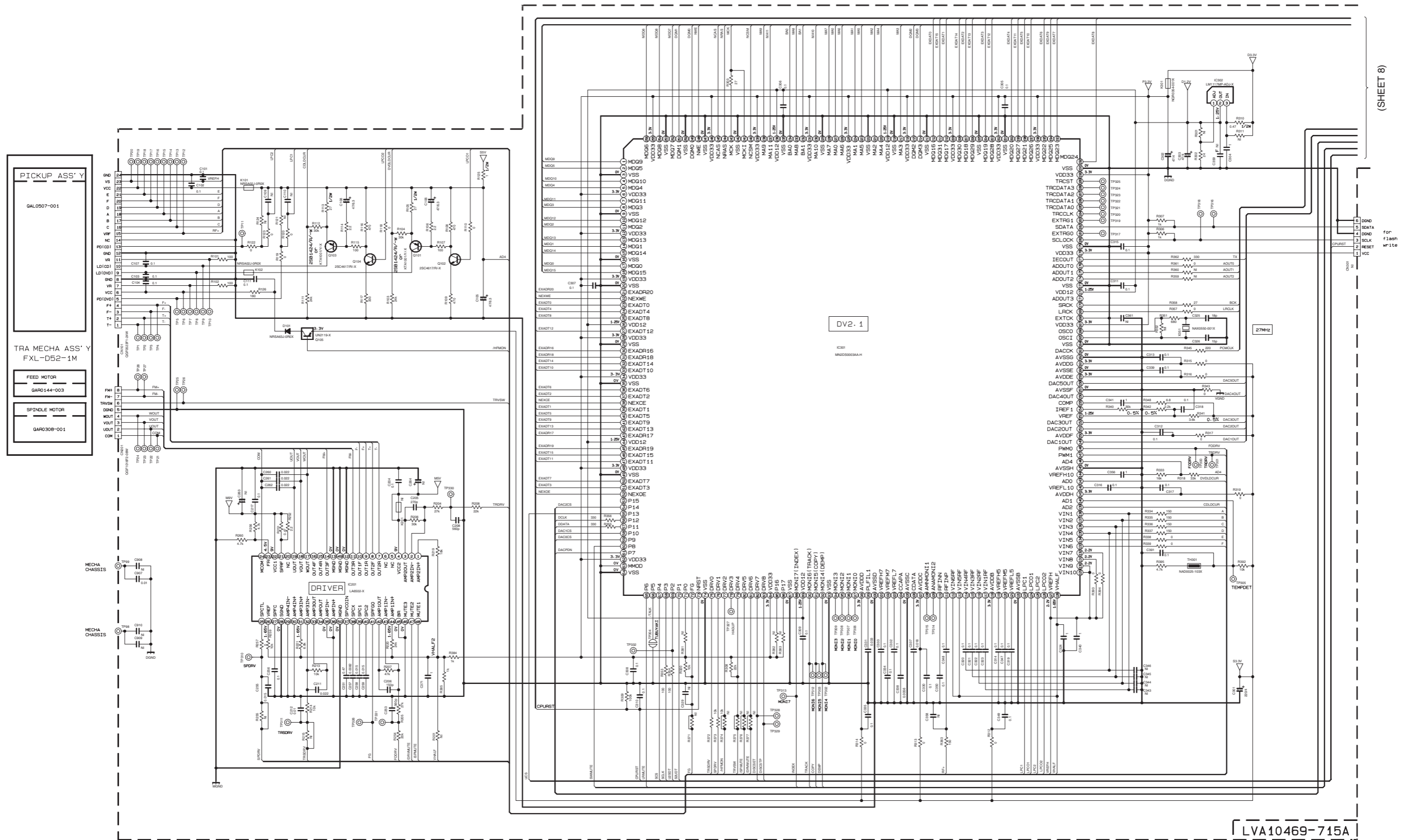
■ RDS circuit section

\*  
FOR EUROPE ONLY



TO CN503 OF GVB10066-A1  
(SHEET 3)

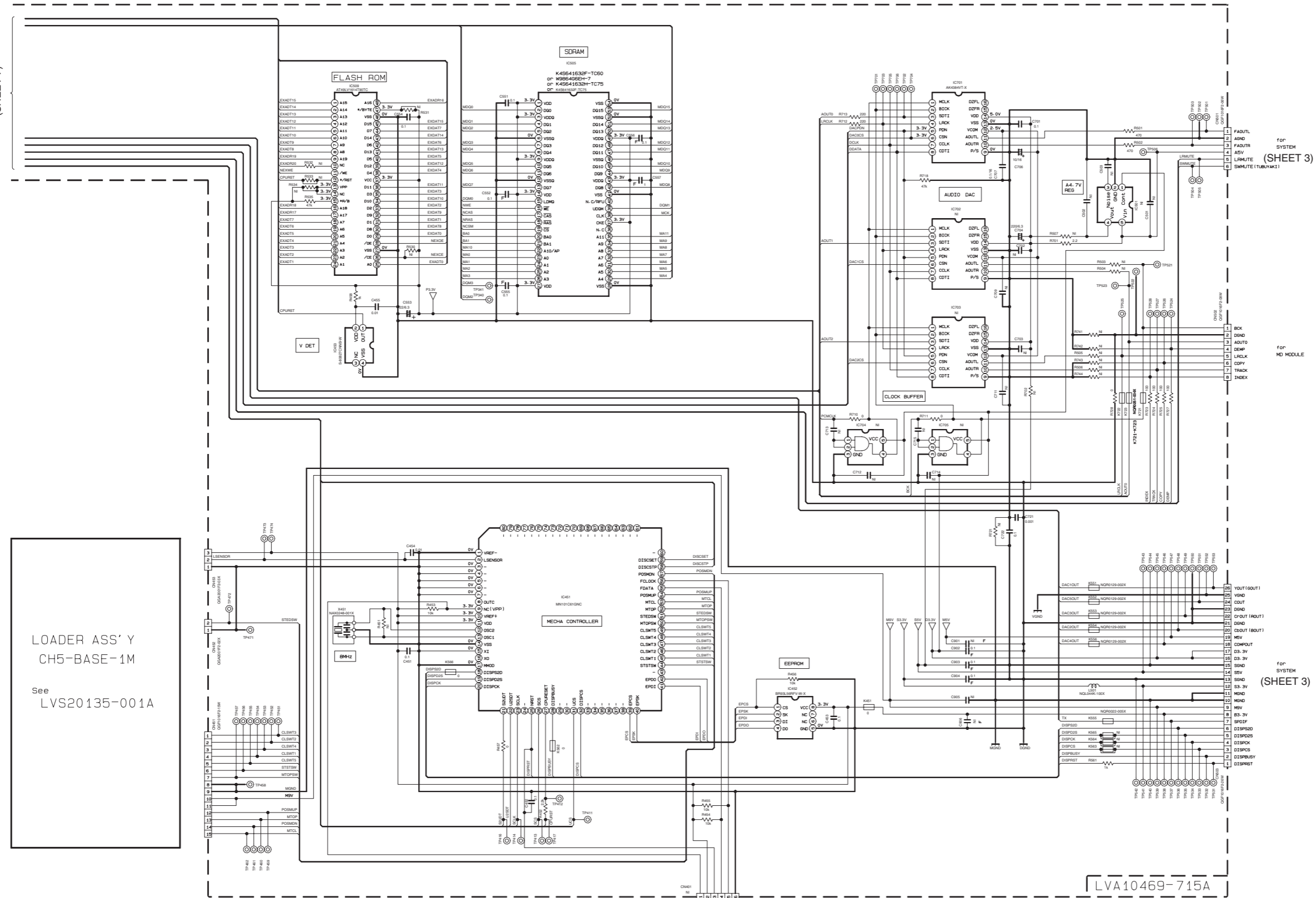
DVD servo / DVD system control section



(SHEET 8)

DVD changer mechanism control section

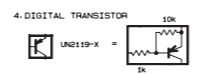
(SHEET 7)



LOADER ASS'Y  
CH5-BASE-1M  
See  
LVS20135-001A

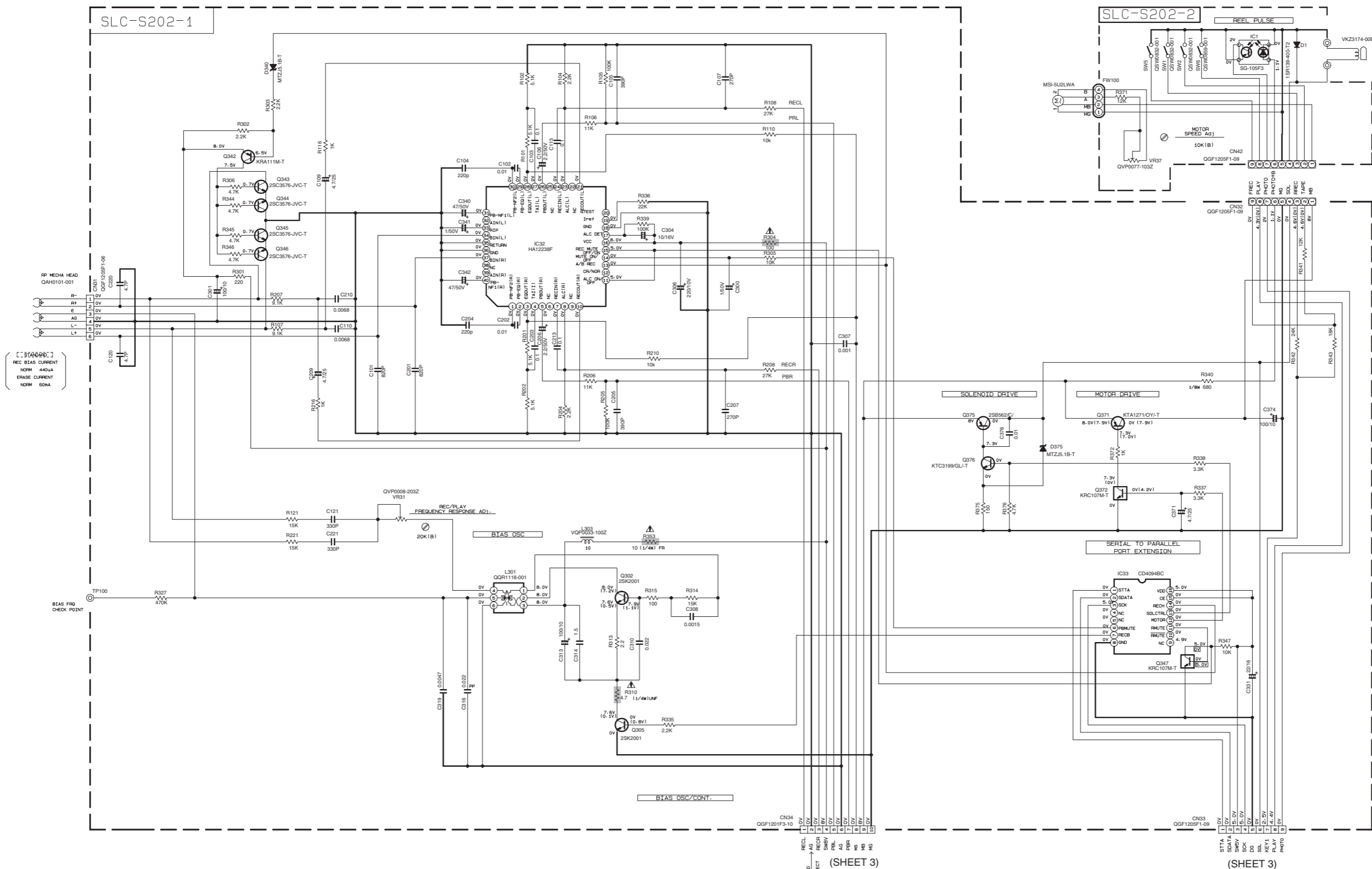
NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.  
CONDITION --- A DVD disc in Trays; STOP mode
2. UNLESS OTHERWISE SPECIFIED:  
ALL RESISTORS ARE 1/10W ±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 E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(μF)/RATED VOLTAGE (V).  
ALL INDUCTANCE VALUES ARE IN mH(mH).
3. NI STANDS FOR NOT INSERTED PARTS.



for flash writer

■ Tape circuits such as pre-amp. and bias / Tape deck mechanism control section



**NOTES**

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL. CONDITION : MECHA STOP MODE

2. UNLESS OTHERWISE SPECIFIED, RESISTORS ARE 1/10W ±5% METAL GLAZE RESISTOR. ALL RESISTANCE VALUES ARE IN OHM(Ω). ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR. ALL CAPACITANCE VALUES ARE IN #F(PpF). ALL INDUCTANCE VALUES ARE IN #H(mH). ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (#F)/RATED VOLTAGE (V). ▬ POLYPROPYLENE CAPACITOR

(SHEET 3)

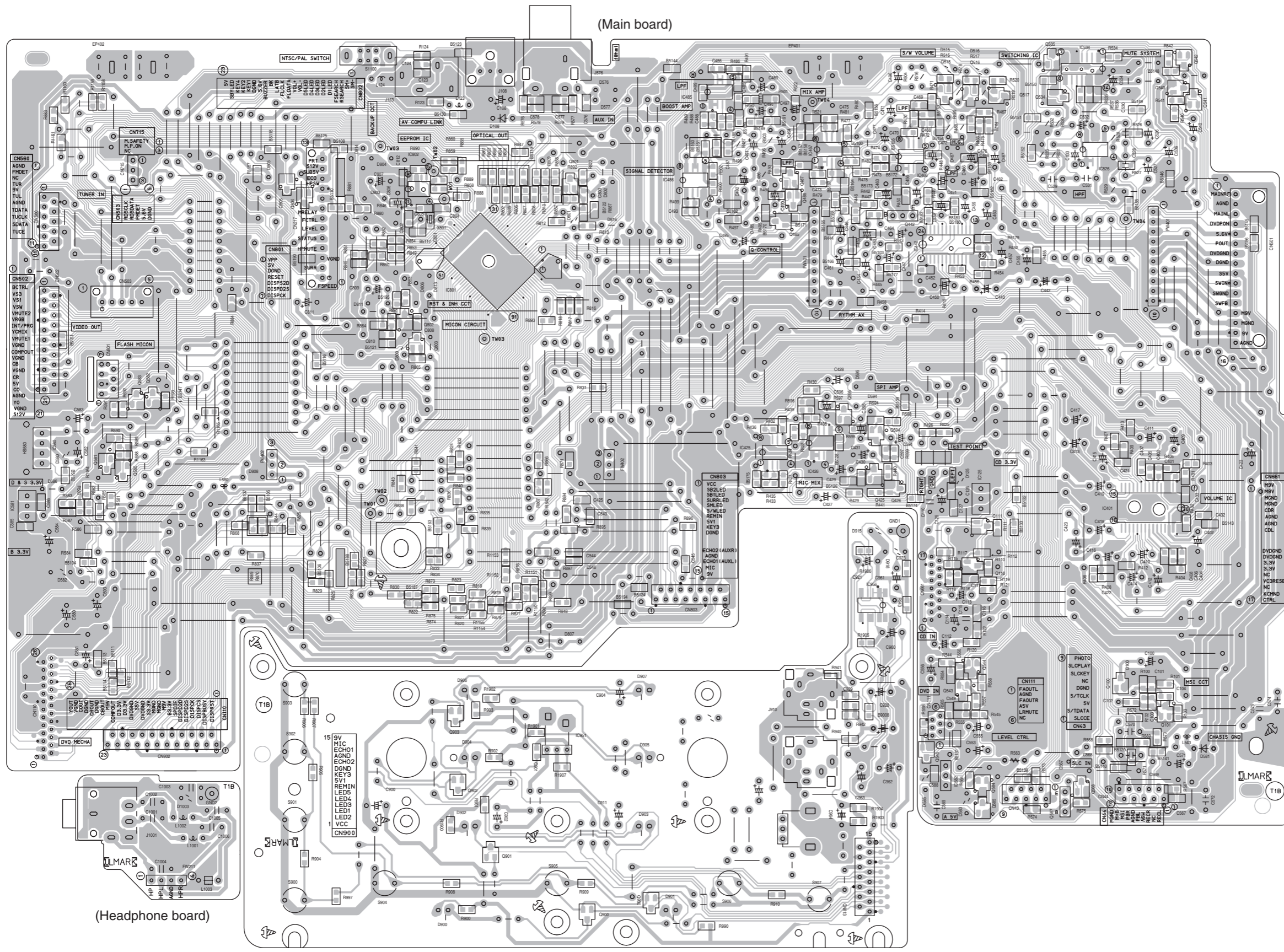
(SHEET 3)

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





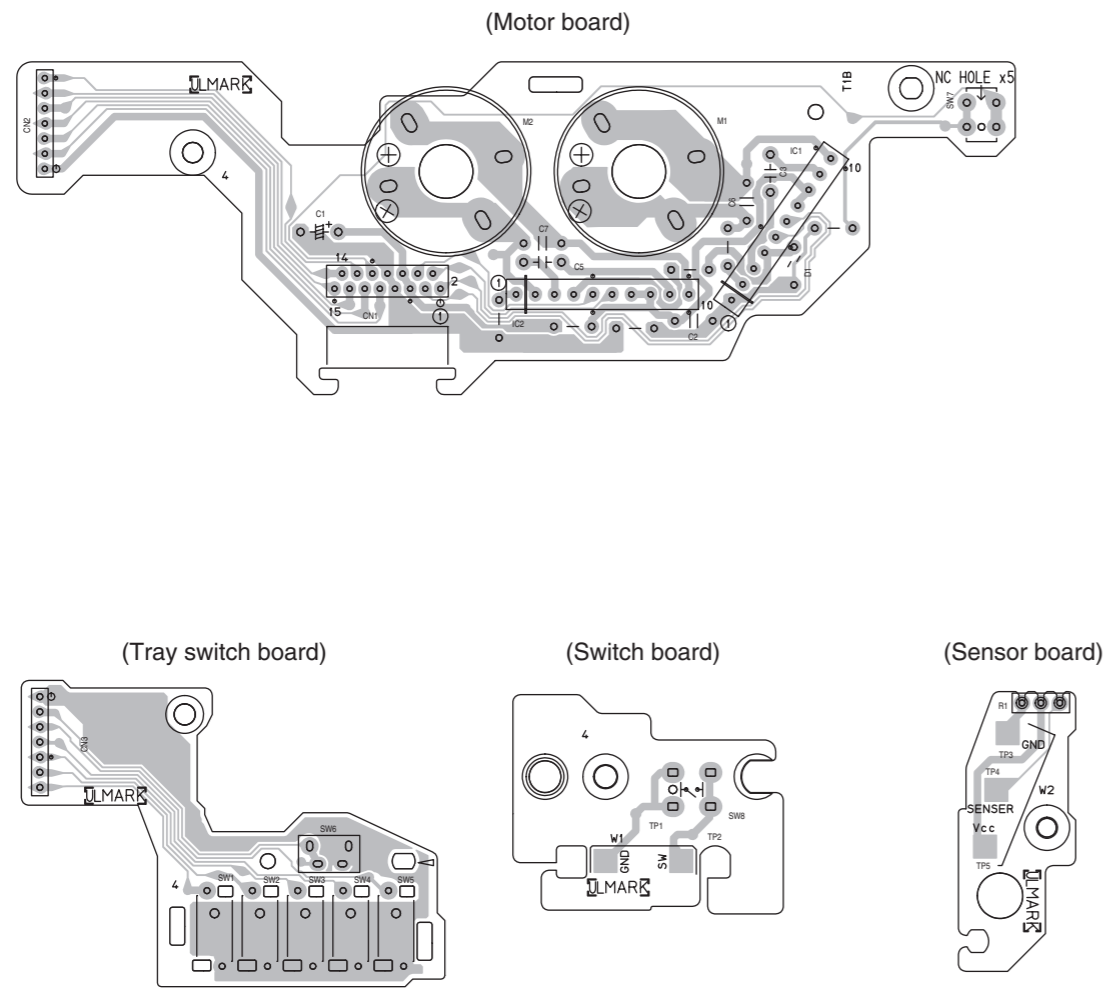
■ Input board



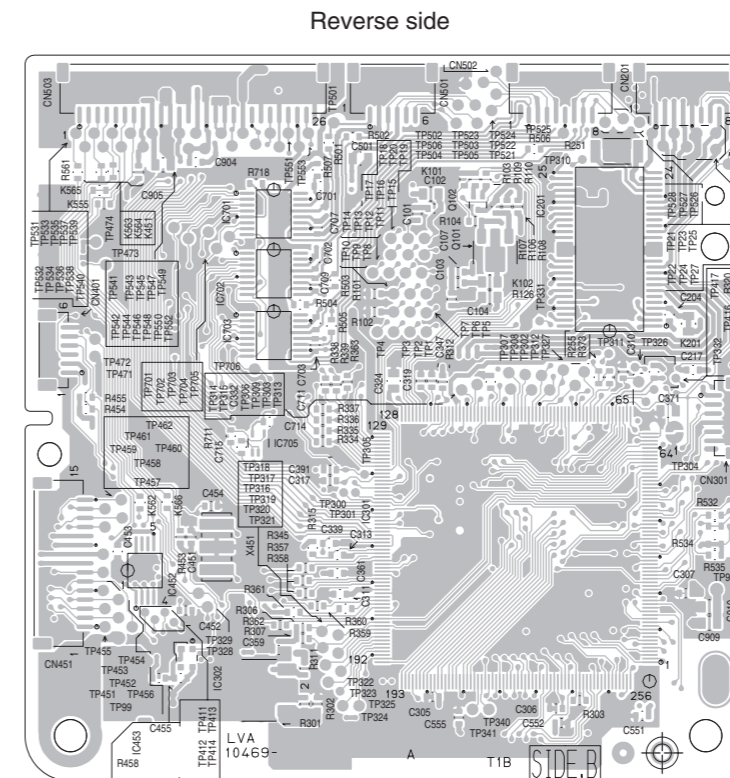
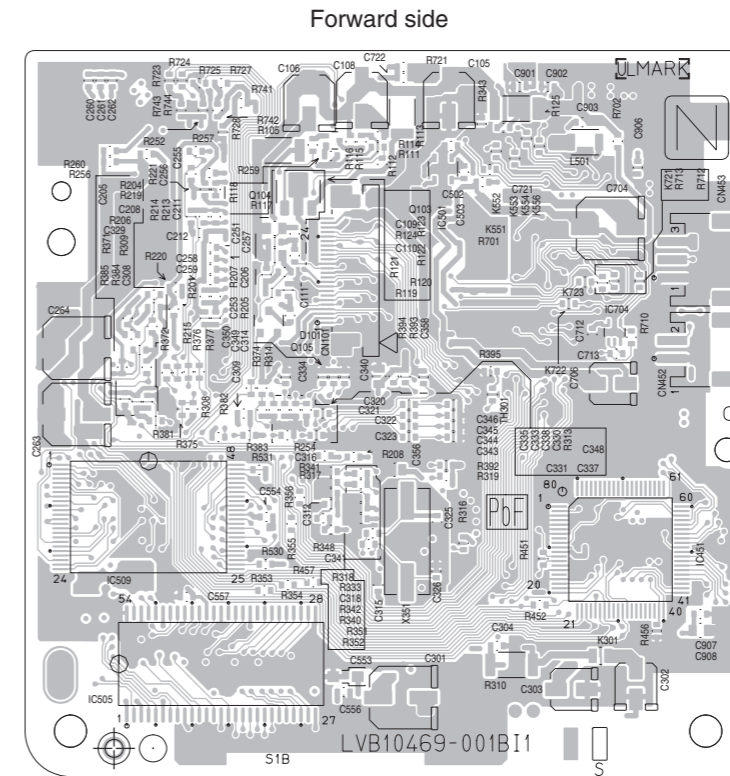




■ Loading board



■ DVD servo board





**JVC**

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