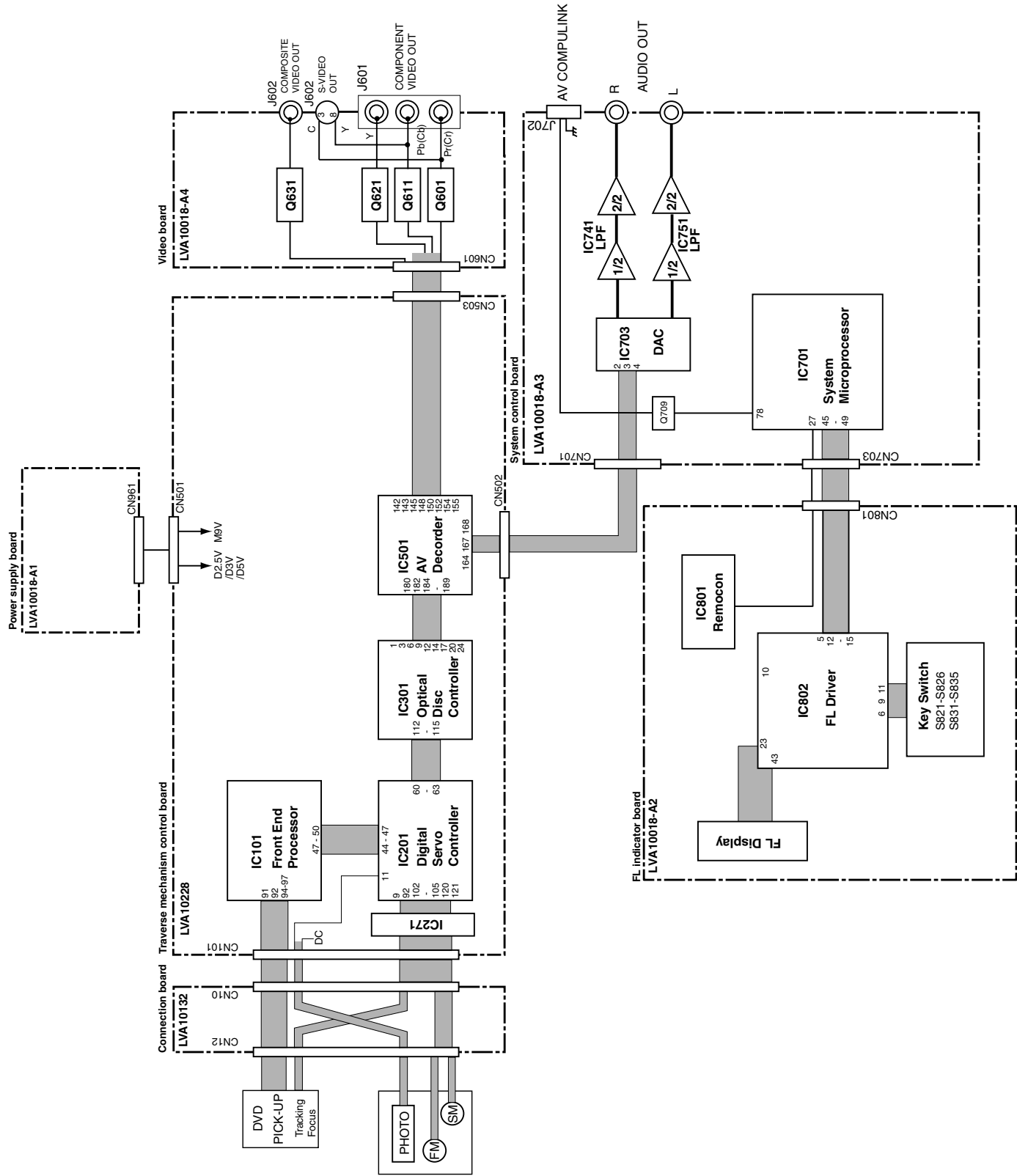
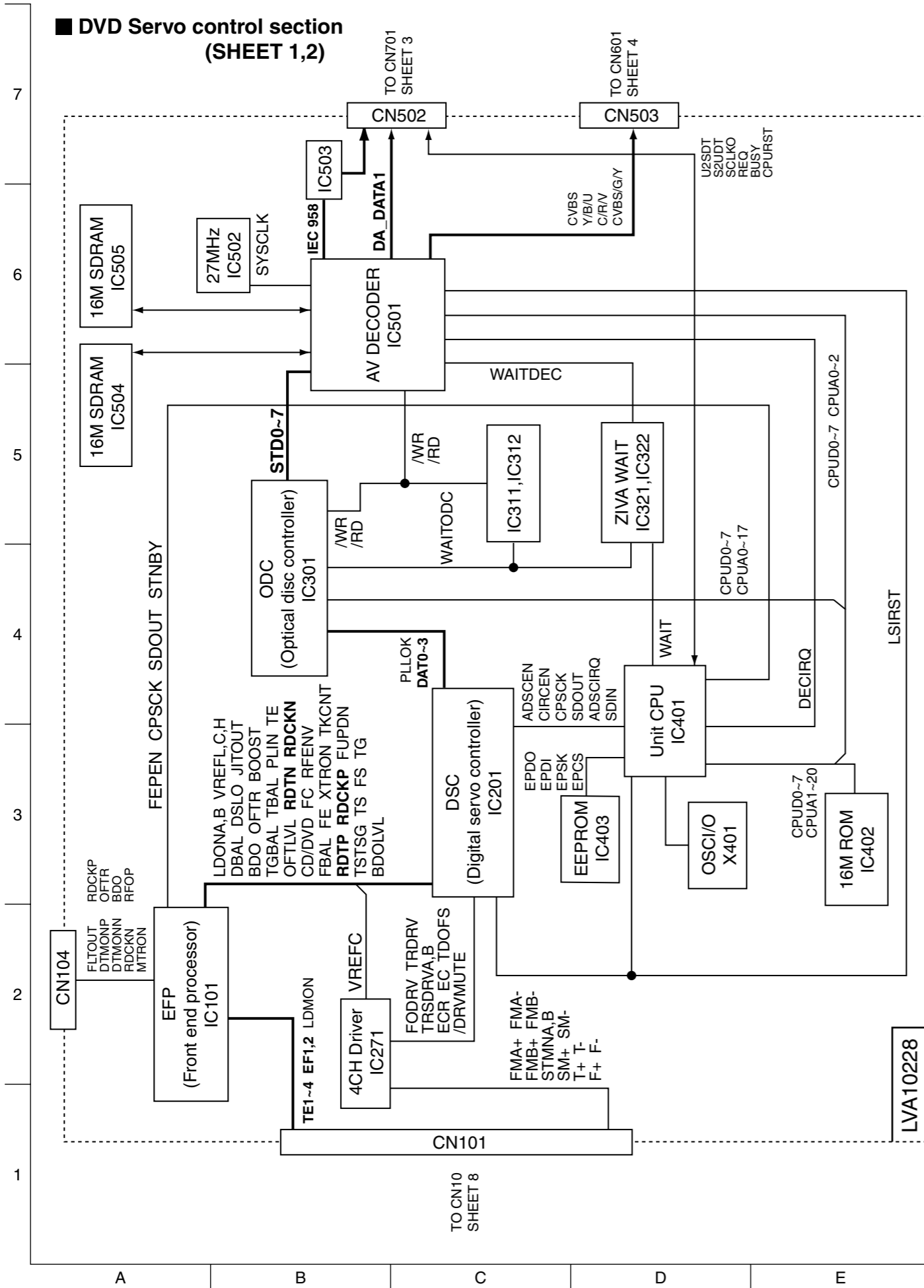


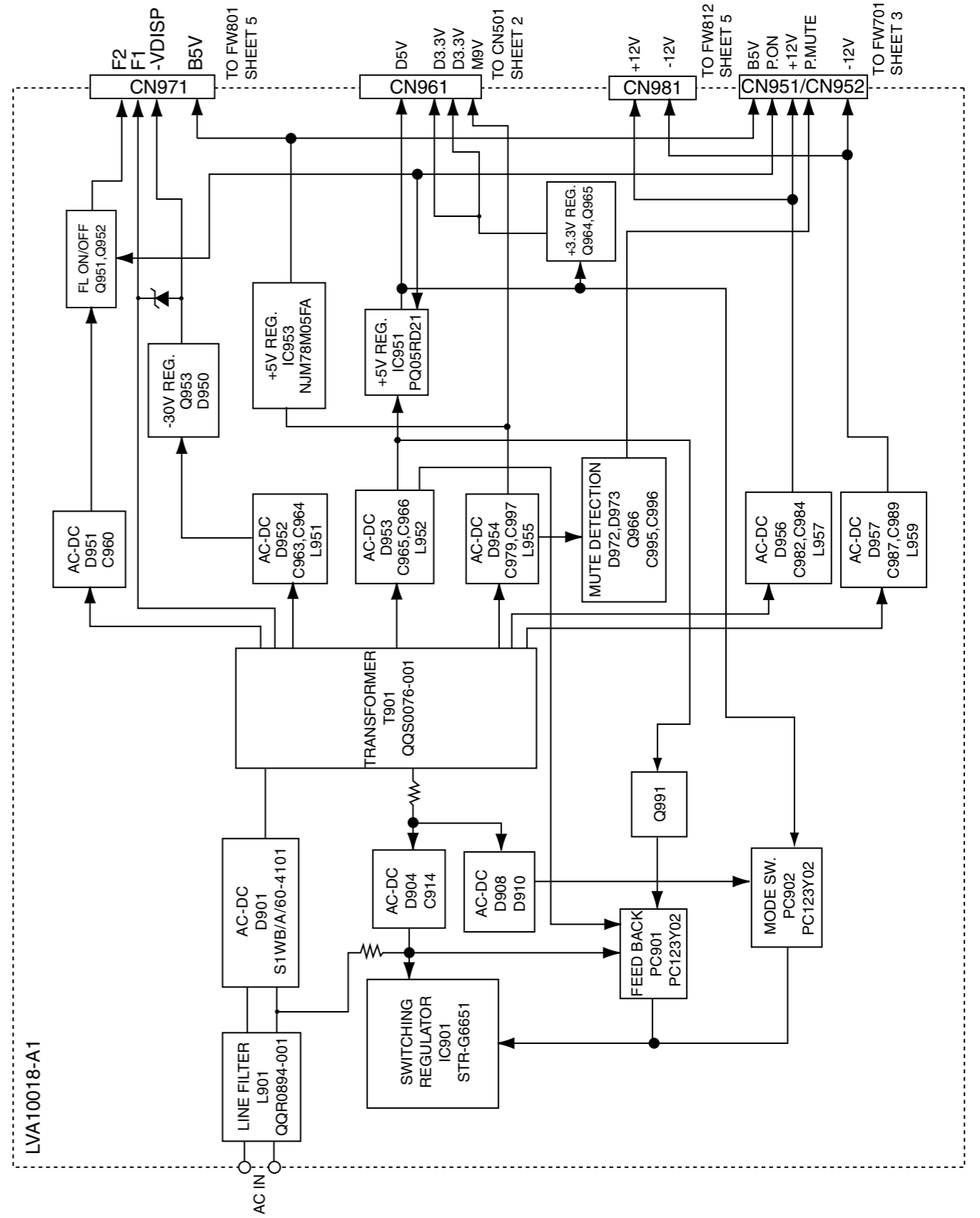
Block diagrams



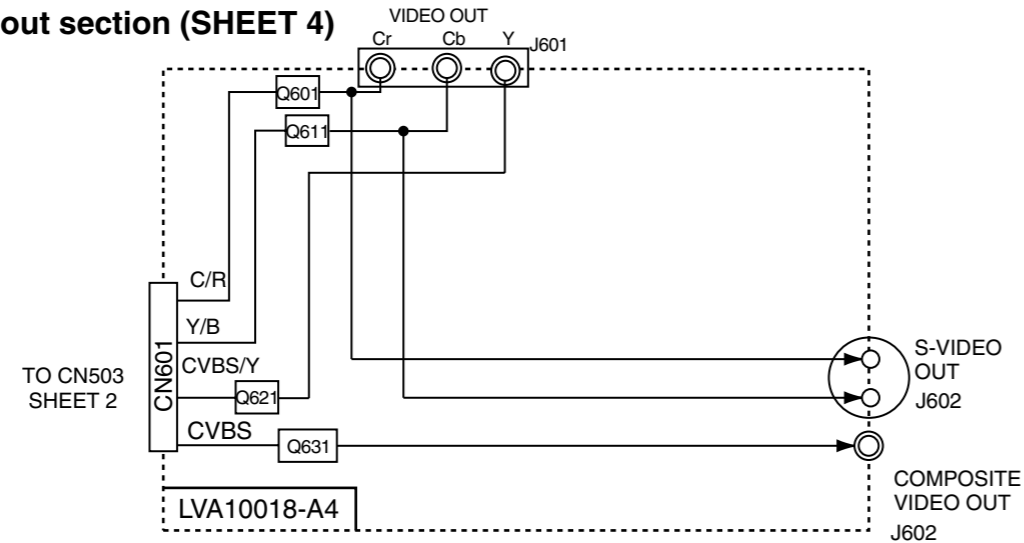
DVD Servo control section (SHEET 1,2)



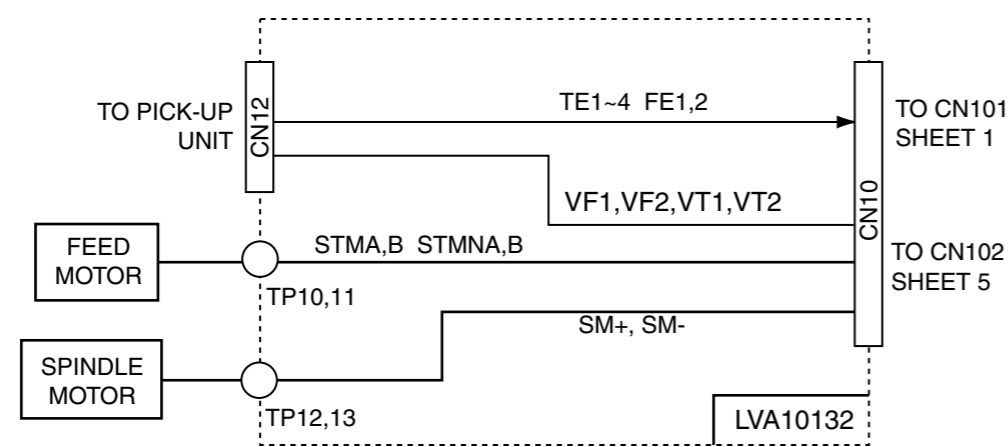
Power supply section (SHEET 6)



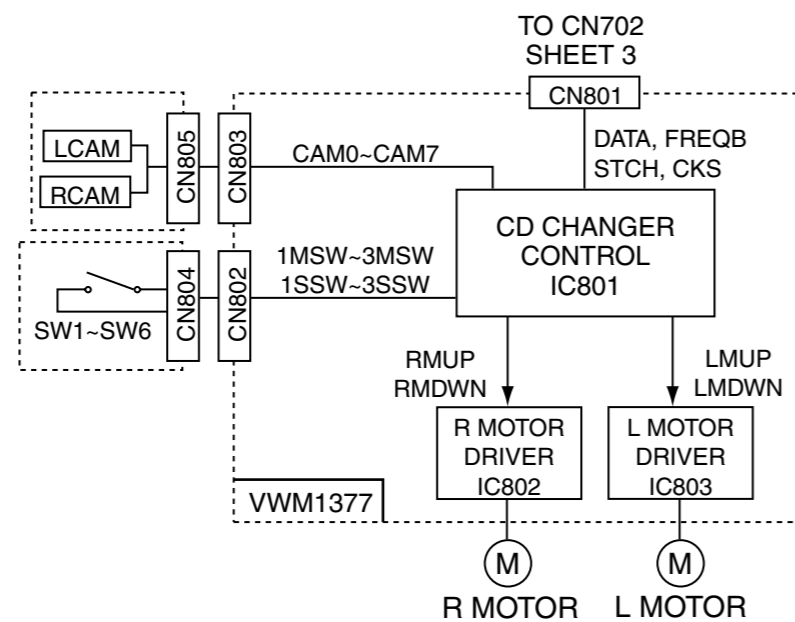
Video out section (SHEET 4)



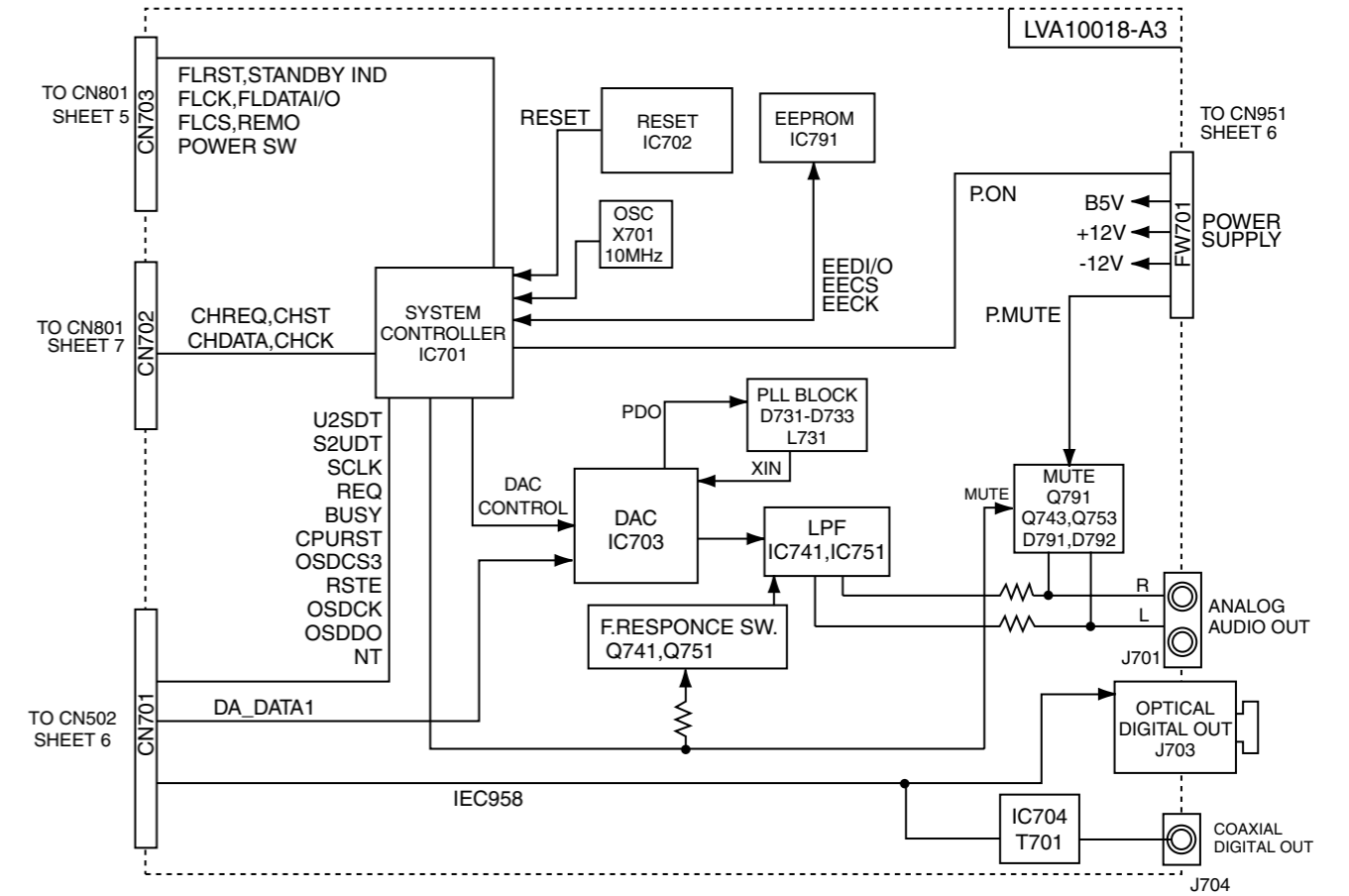
Connection to pick-up section (SHEET 8)



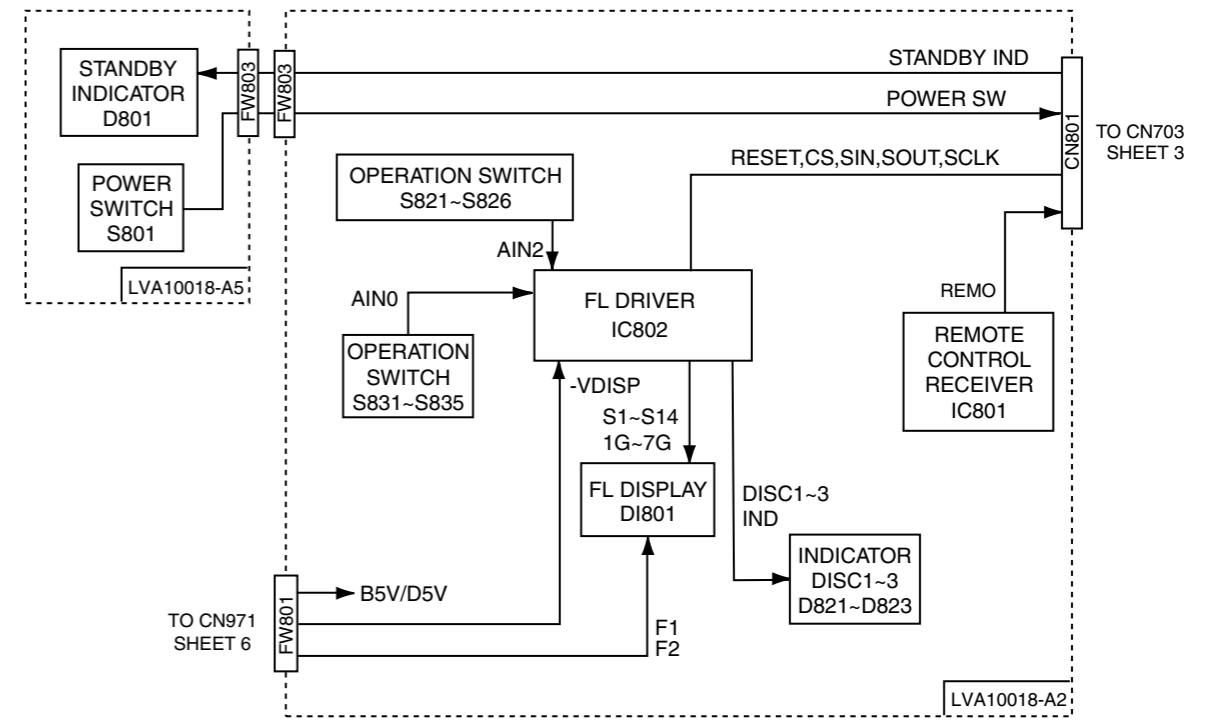
Changer mechanism control section (SHEET 7)



System control section (SHEET 3)



FL Driver section (SHEET 5)



Standard schematic diagrams

■ Servo control section (Sheet 1)

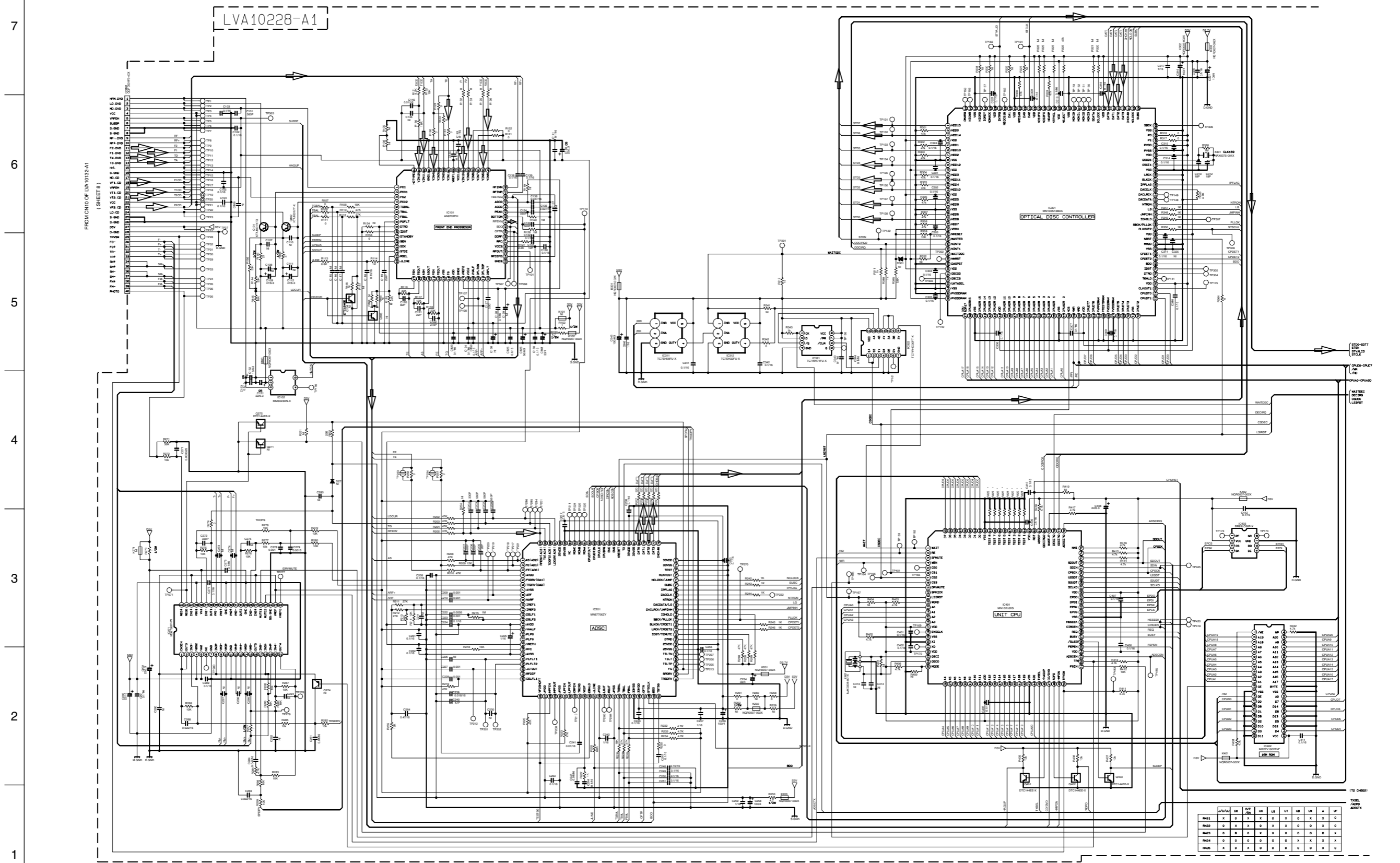
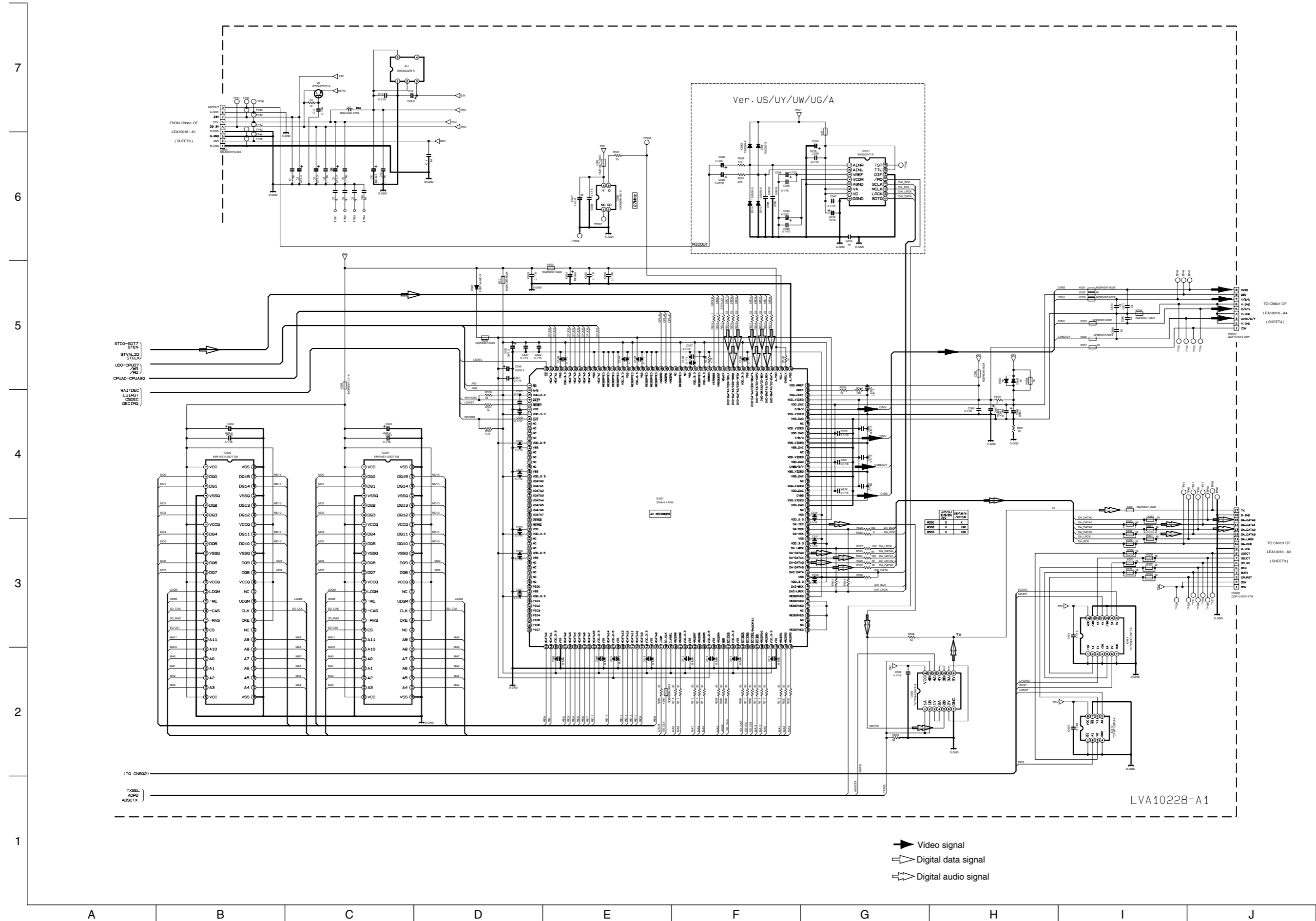


TABLE
ADSC
ADSC1

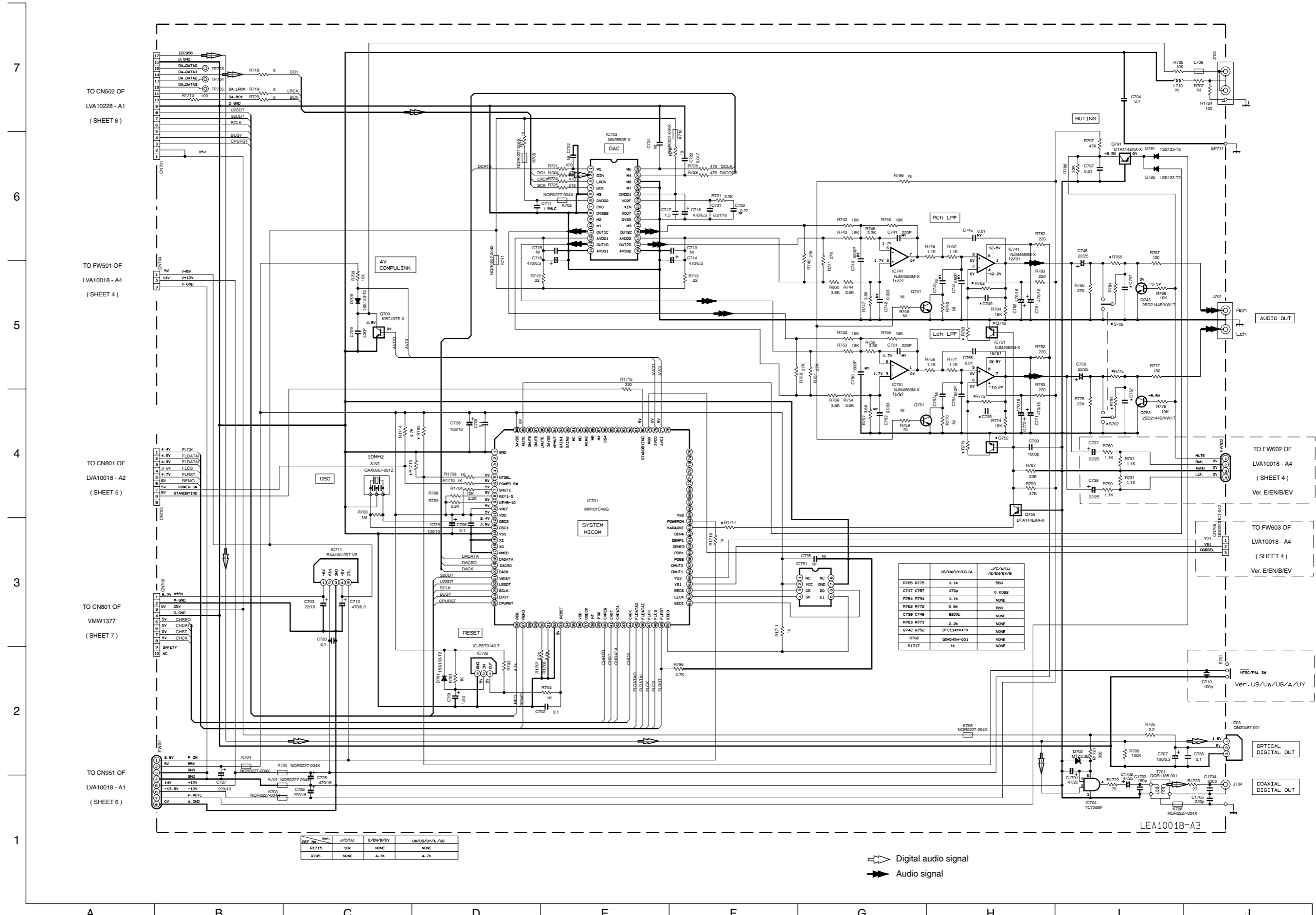
	ADSC1	ADSC2	ADSC3	ADSC4	ADSC5	ADSC6	ADSC7	ADSC8	ADSC9	ADSC10	ADSC11	ADSC12	ADSC13	ADSC14	ADSC15	ADSC16	ADSC17	ADSC18	ADSC19	ADSC20
ADSC1	X	O	X	X	O	X	O	X	X	O	X	O	X	X	O	X	O	X	X	O
ADSC2	O	X	X	O	O	X	X	O	X	O	X	O	X	O	X	O	X	O	X	O
ADSC3	X	X	O	X	X	O	X	X	O	X	O	X	O	X	O	X	O	X	O	
ADSC4	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	
ADSC5	X	O	X	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	

△ Digital data signal

AV Decoder section (Sheet 2)



System control section (Sheet 3)



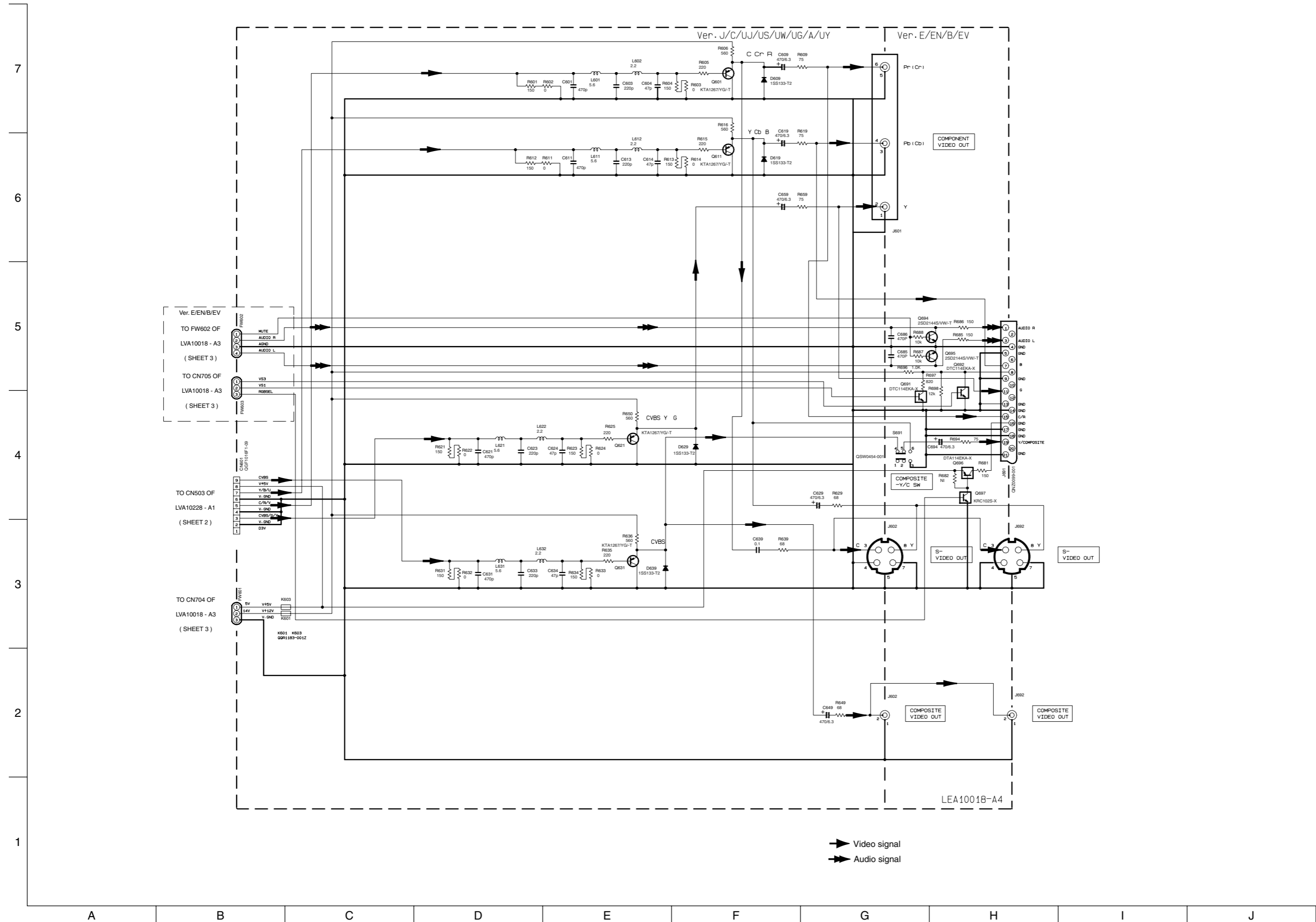
REF. No.	VAL.	J/C/U	E/EN/B/EV	UM/US/AH/A/UG
R1715	10k	NONE	NONE	NONE
R795	NONE	NONE	4.7K	4.7K

	US/UM/US/A/UG	J/C/U/UM/US/AH/A/UG
R765 R775	1.1k	560
C747 C757	470p	NONE
R764 R764	1.1k	0.0022
R762 R772	5.6k	NONE
C730 C748	8200p	NONE
R763 R773	2.2k	NONE
Q742 Q752	DTC114YA-X	NONE
S702	QW0454-001	NONE
R1717	1k	NONE

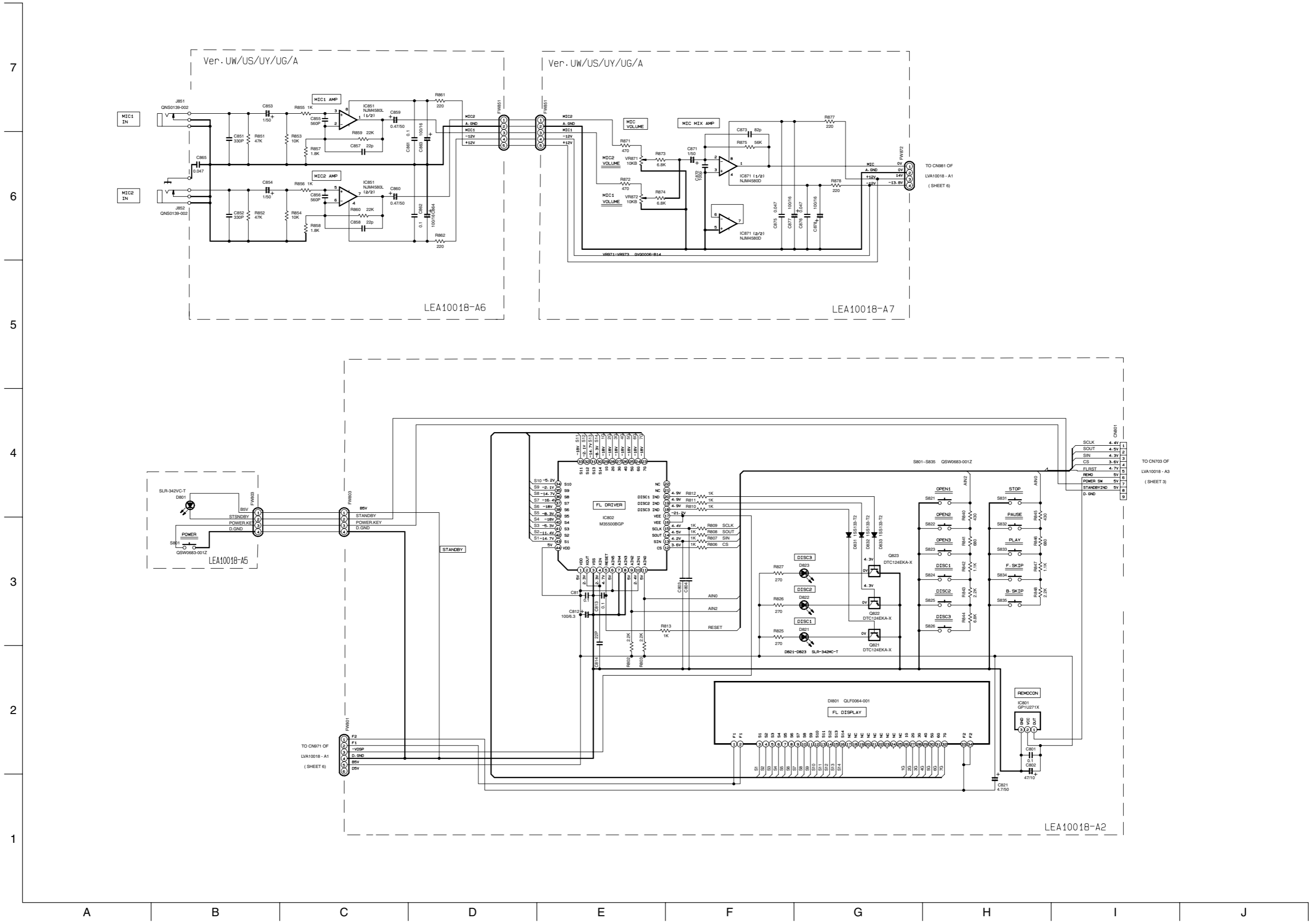
Digital audio signal
 Audio signal

LEA10018-A3

Video section (Sheet 4)



Front section (Sheet 5)

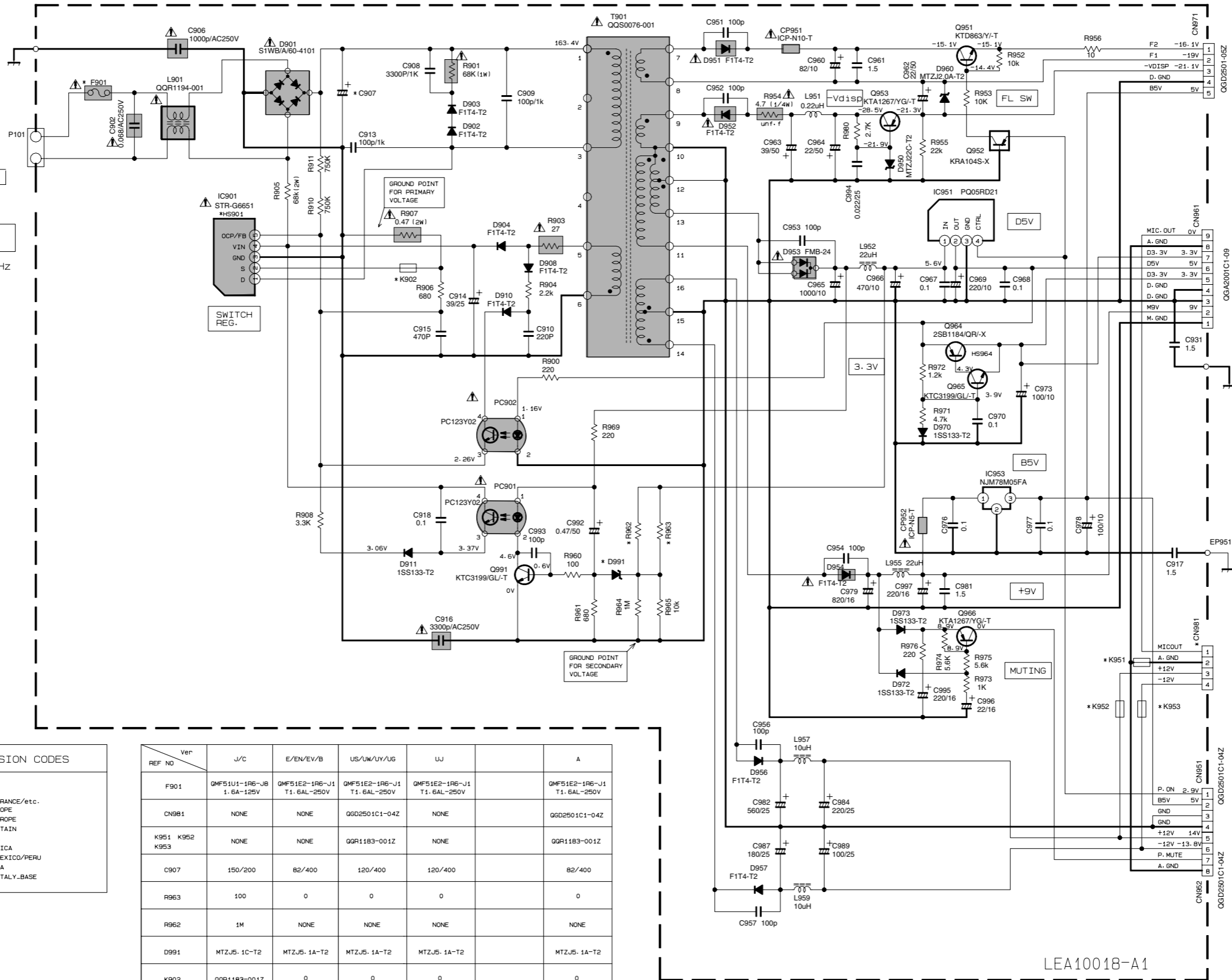


Power supply section (Sheet 6)

- Ver. J/C
120V 60Hz
- Ver. E/EN/EV/B
230V 50Hz
- Ver. UJ/UW/US
/UG/UY
110-240V 50/60Hz
- Ver. A
240V 50Hz

VERSION CODES	
J. USA	
C. CANADA	
E. GERMANY/France/etc.	
EV. EAST EUROPE	
EN. NORTH EUROPE	
B. GREAT BRITAIN	
A. AUSTRALIA	
US. ASIA/AFRICA	
UW. BRAZIL/MEXICO/PERU	
UY. ARGENTINA	
UJ. USA MILITARY BASE	

REF NO	Ver	J/C	E/EN/EV/B	US/UW/UY/UG	UJ	A
F901		GMF51U1-1R6-JB 1.6A-125V	GMF51E2-1R6-J1 T1.6A-250V	GMF51E2-1R6-J1 T1.6A-250V	GMF51E2-1R6-J1 T1.6A-250V	GMF51E2-1R6-J1 T1.6A-250V
CN981		NONE	NONE	GGD2501C1-04Z	NONE	GGD2501C1-04Z
K951 K952 K953		NONE	NONE	QGR1183-001Z	NONE	QGR1183-001Z
C907		150/200	82/400	120/400	120/400	82/400
R963		100	0	0	0	0
R962		1M	NONE	NONE	NONE	NONE
D991		MTZJ5-1C-T2	MTZJ5-1A-T2	MTZJ5-1A-T2	MTZJ5-1A-T2	MTZJ5-1A-T2
K902		QGR1183-001Z	0	0	0	0
HS901		NONE	E70306-002	E70306-002	E70306-002	E70306-002



TO FW801 OF LVA10018 - A2 (SHEET 5)

TO CN501 OF LVA10228 - A1 (SHEET 2)

TO FW872 OF LVA10018 - A7 (SHEET 5)

TO FW701 OF LVA10018 - A3 (SHEET 3)

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

■ Mechanism control section (Sheet 7)

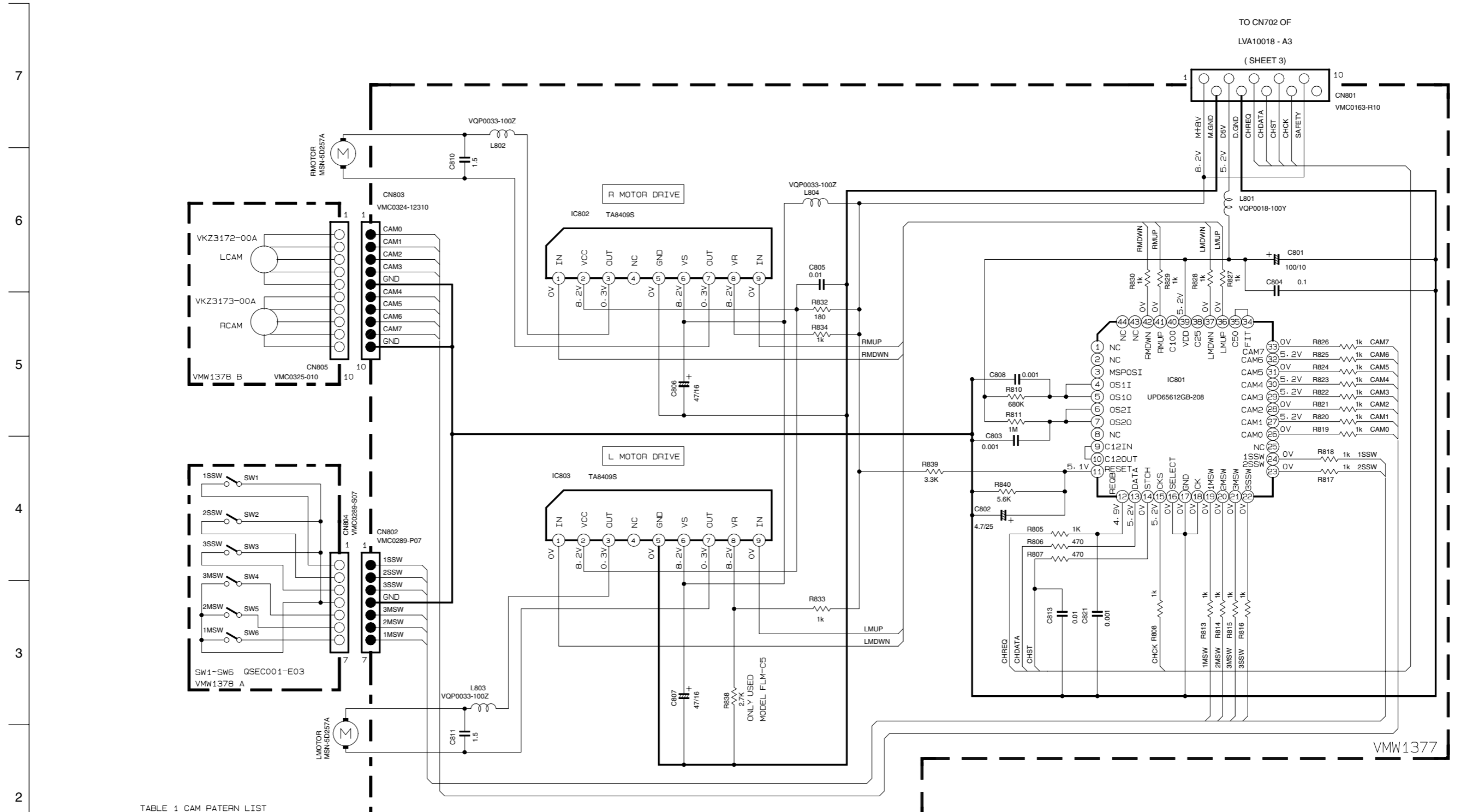


TABLE 1 CAM PATTERN LIST

CAM NO.	LCAM	RCAM	POSITION
MAIN TRAY1	0 1 1 1 0 1 1 1	0 1 1 1 0	EMERGENCY
SUB TRAY1	0 0 1 1 0 1 1 0	0 1 1 0 0	TRAY1 STAND-BY
CAMR 1	0 1 0 1 0 1 0 1	0 1 0 1 0	TRAY1 CHACKING
MAIN TRAY2	1 1 0 0 1 0 1 0	0 1 0 1 1	TRAY2 STAND-BY
SUB TRAY2	1 1 1 0 0 0 1 1	0 1 1 1 1	TRAY2 CHACKING
CAMR 2	1 0 1 0 0 0 1 0	0 1 0 1 1	TRAY3 STAND-BY
MAIN TRAY3	1 1 0 0 0 0 1 1	0 1 1 1 1	TRAY3 CHACKING
SUB TRAY3	1 0 0 0 0 0 0 0	0 0 0 0 0	
OFF	1 1 1 1 1 0 1 1	1 1 1 1 1	OFF

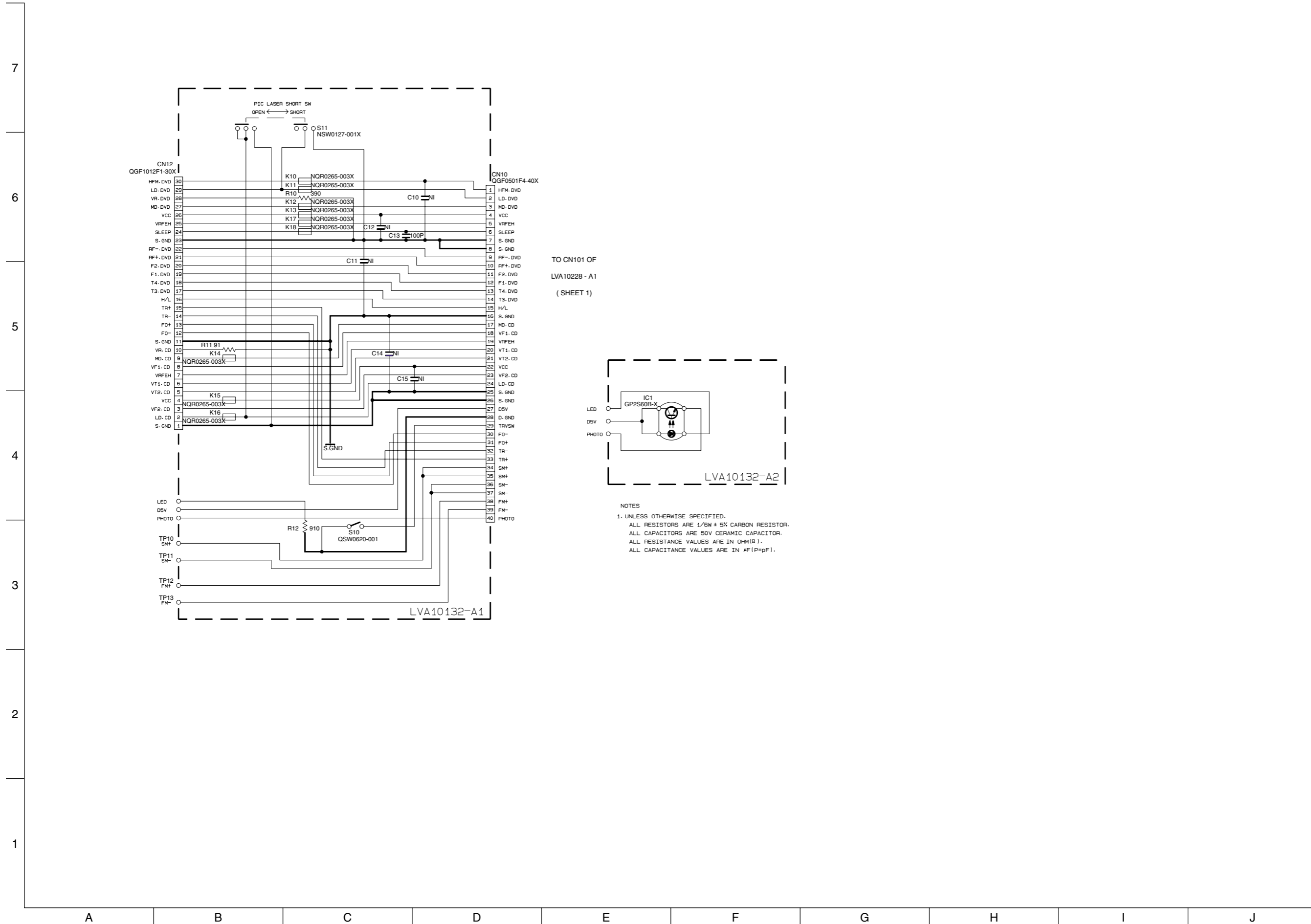
0=0V
1=5V

NOTES

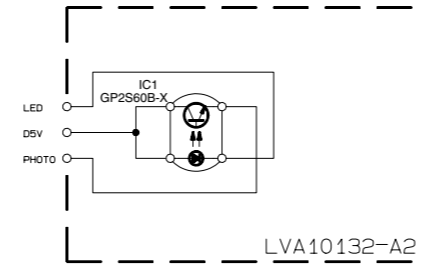
- VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL.
CONDITION --- DISC 1 CD STOP MODE
- UNLESS OTHERWISE SPECIFIED, RESISTORS ARE 1/6W ±5% CARBON RESISTOR.
ALL RESISTANCE VALUES ARE IN OHM(Ω).
ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR.
ALL CAPACITANCE VALUES ARE IN μF(P=PF).
ALL INDUCTANCE VALUES ARE IN mH(m=MH).
ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μF)/RATED VOLTAGE (V).

- Ⓜ UNFLAMMABLE CARBON RESISTOR
- Ⓜ METAL FILM RESISTOR
- Ⓜ OXIDE METAL FILM RESISTOR
- Ⓜ ±20% LOW LEAK CURRENT ELECTROLYTIC CAPACITOR
- Ⓜ NON-POLARISED ELECTROLYTIC CAPACITOR
- Ⓜ POLYPROPYLENE CAPACITOR
- Ⓜ POLYSTYROL CAPACITOR

■ Connect section (Sheet 8)



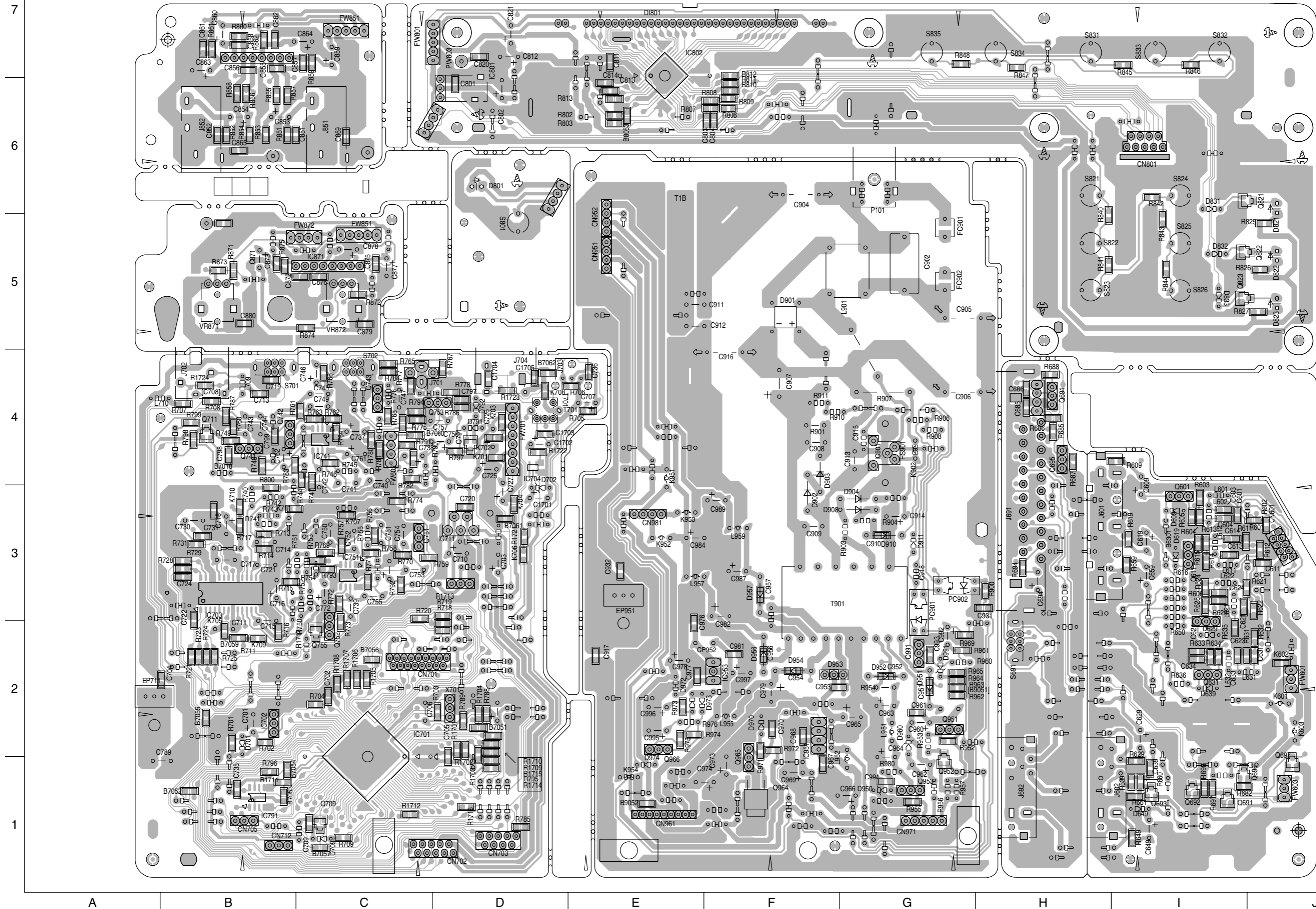
TO CN101 OF
LVA10228 - A1
(SHEET 1)



NOTES
1. UNLESS OTHERWISE SPECIFIED,
ALL RESISTORS ARE 1/6W ± 5% CARBON RESISTOR.
ALL CAPACITORS ARE 50V CERAMIC CAPACITOR.
ALL RESISTANCE VALUES ARE IN OHM(Ω).
ALL CAPACITANCE VALUES ARE IN #F(P=pF).

Printed circuit boards

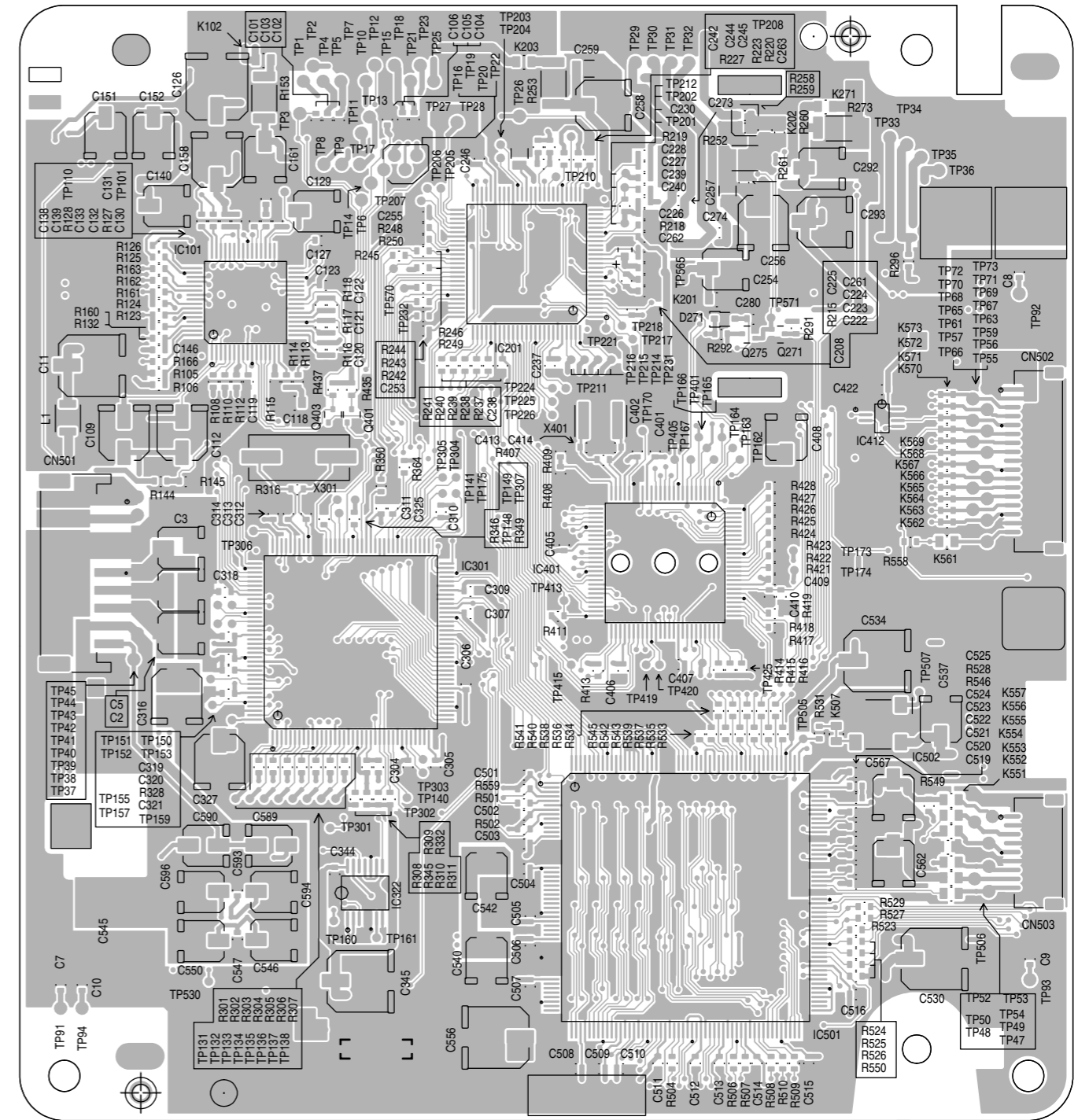
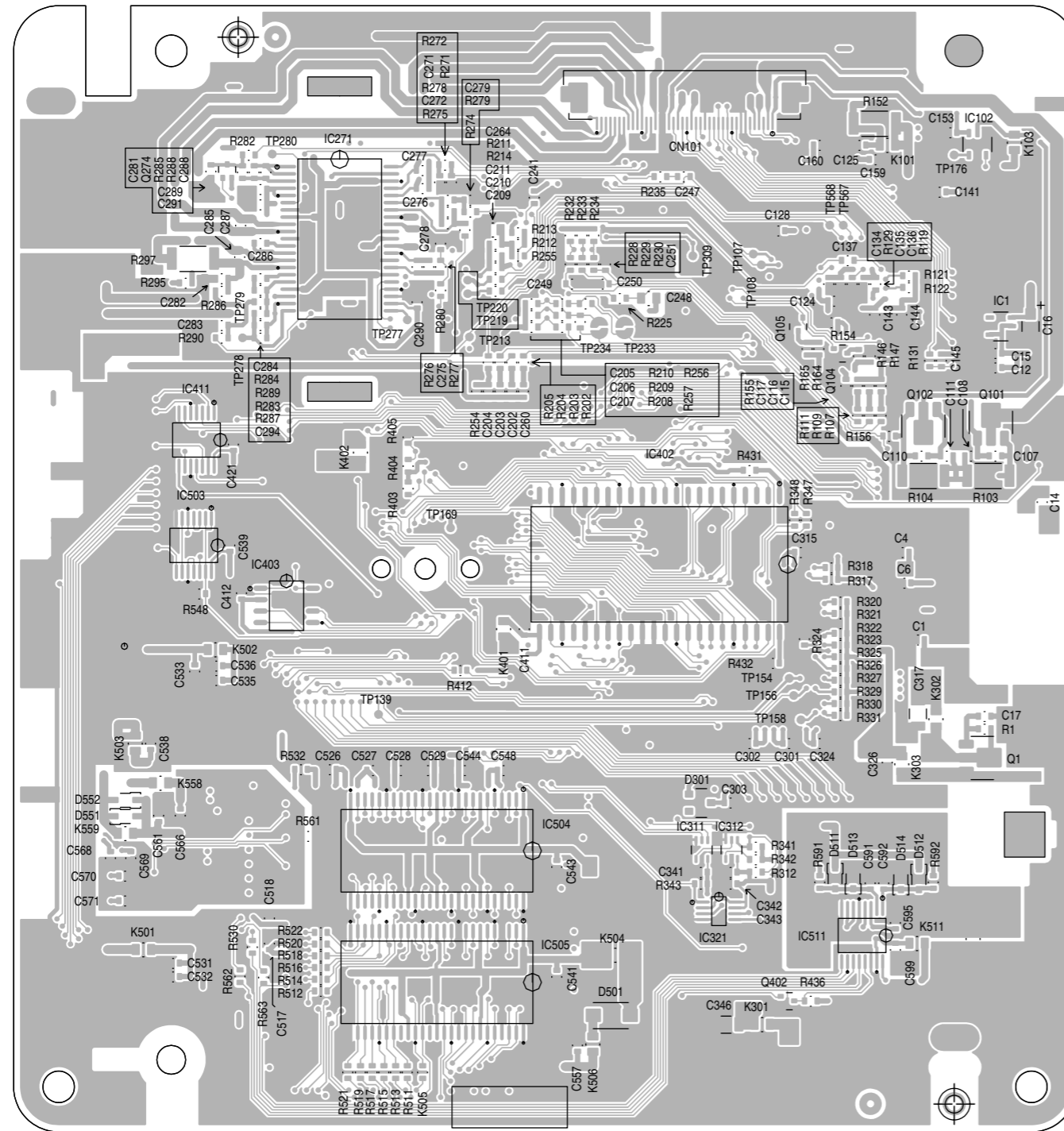
■ Main board



■ Servo control board

Side A

Side B

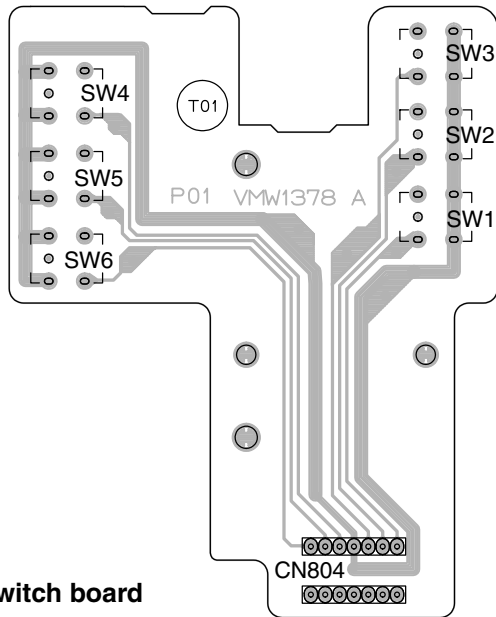


7
6
5
4
3
2
1

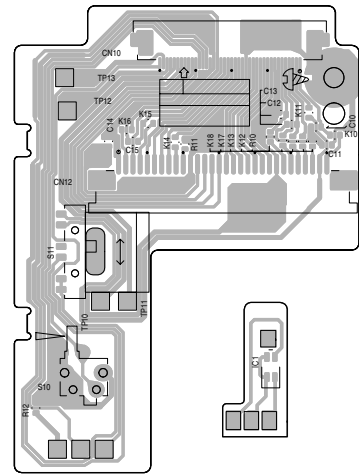
A B C D E F G H I J

■ CD Changer mechanism switch board Block No. 0 3

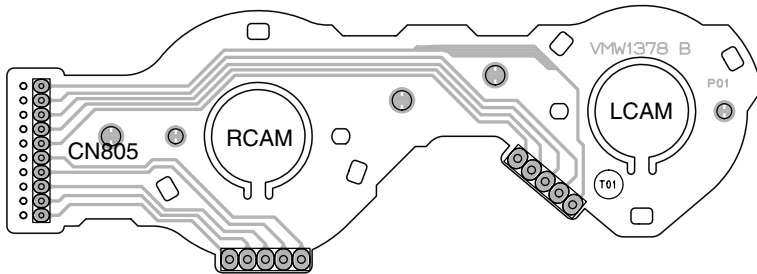
CD Tray switch board



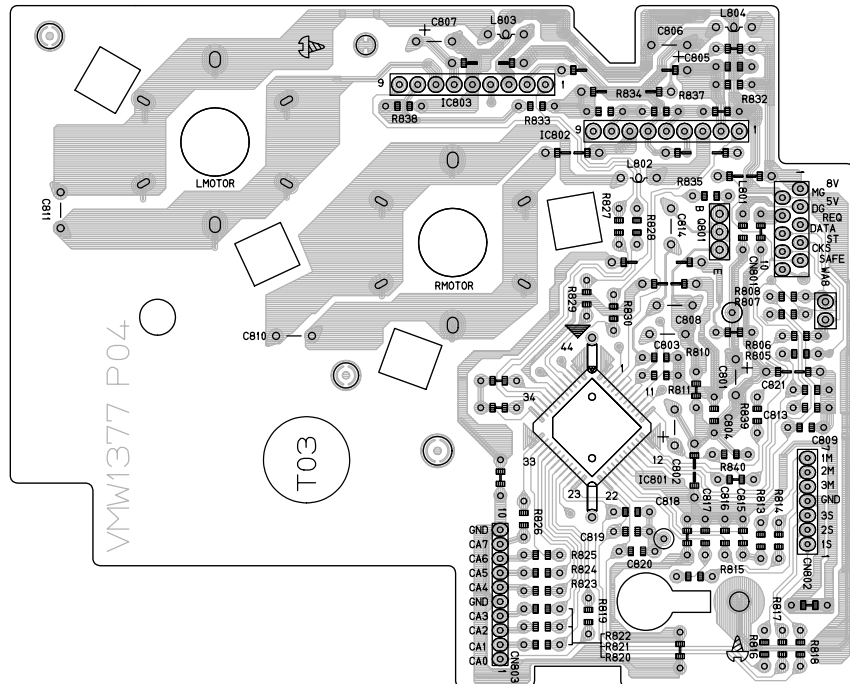
■ Connection board Block No. 0 5



Cam switch board



■ Mechanism control board Block No. 0 4



7
6
5
4
3
2
1

A B C D E