

SCD-XE600

SERVICE MANUAL

E Model

Ver 1.0 2004.10



Model Name Using Similar Mechanism	NEW
CD Mechanism Type	CDM66D-DVBU50
Base Unit Name	DVBU50
Optical Traverse Unit Name	DBU-3

SPECIFICATIONS

When a Super Audio CD is played

Playing frequency range	2 Hz to 100 kHz
Frequency response	2 Hz to 40 kHz (−3 dB)
Dynamic range	100 dB or more
Total harmonic distortion rate	0.0035 % or less
Wow and flutter	Value of measurable limit (±0.001 % W. PEAK) or less

When a CD is played

Frequency response	2 Hz to 20 kHz
Dynamic range	96 dB or more
Total harmonic distortion rate	0.0039 % or less
Wow and flutter	Value of measurable limit (±0.001 % W. PEAK) or less

Output connector

	Jack type	Output level	Load impedance
ANALOG 5.1CH OUT	Phono jacks	2 Vrms (at 50 kilohms)	Over 10 kilohms
DIGITAL (CD) OUT	Square optical	−18 dBm	(Light emitting wave length: 660 nm)
OPTICAL*	output connector		

* Output only the audio signals of the CD

General

Laser	Semiconductor laser (Super Audio CD: $\lambda=650$ nm) (CD: $\lambda=780$ nm) Emission duration: continuous
Power requirements	110 V AC, 60 Hz
Power consumption	15 W
Dimensions (w/h/d)	430 × 95 × 283 mm incl. projecting parts
Mass (approx.)	3.1 kg

Supplied accessories

Audio connecting cord	Red and White 2 (1)
Remote commander	RM-SX800 (1)
Battery	R6 (size-AA) (2)

Design and specifications are subject to change without notice.

SUPER AUDIO CD PLAYER

SONY®

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Sony Corporation
Audio Group
Published by Sony Engineering Corporation

Notes on chip component replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

Flexible Circuit Board Repairing

- Keep the temperature of the soldering iron around 270 °C during repairing.
- Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
- Be careful not to apply force on the conductor when soldering or unsoldering.

CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

This appliance is classified as a CLASS 1 LASER product.
This label is located on the rear exterior.



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SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK  OR DOTTED LINE WITH MARK  ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

SECTION 1 SERVICING NOTES

NOTES ON HANDLING THE OPTICAL PICK-UP BLOCK OR BASE UNIT

The laser diode in the optical pick-up block may suffer electrostatic break-down because of the potential difference generated by the charged electrostatic load, etc. on clothing and the human body.

During repair, pay attention to electrostatic break-down and also use the procedure in the printed matter which is included in the repair parts.

The flexible board is easily damaged and should be handled with care.

NOTES ON LASER DIODE EMISSION CHECK

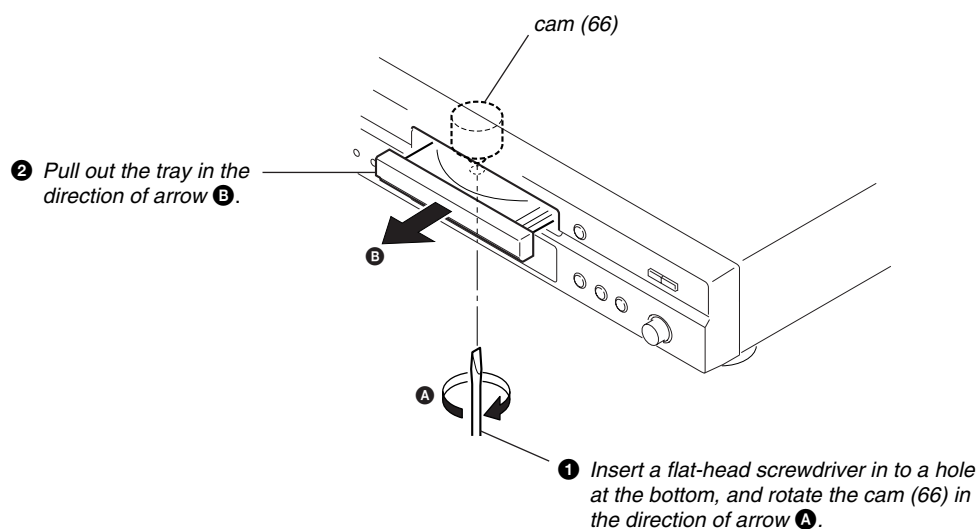
The laser beam on this model is concentrated so as to be focused on the disc reflective surface by the objective lens in the optical pick-up block. Therefore, when checking the laser diode emission, observe from more than 30 cm away from the objective lens.

CLEANING OF OPTICAL PICK-UP LENS

In cleaning the lens of optical pick-up, use the air blower.

Never use a cotton swab for cleaning the lens of optical pick-up, which otherwise causes a trouble.

HOW TO OPEN THE TRAY WHEN POWER SWITCH TURNS OFF

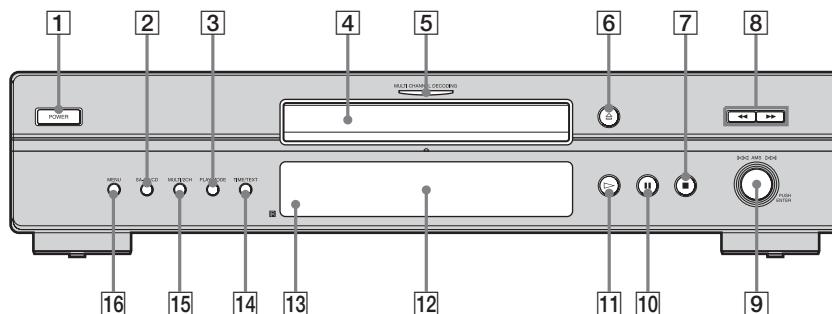


Index to Parts and Controls

Further details are provided on the pages indicated in parentheses.

Instructions in this manual describe the controls on the player. You can also use the controls on the remote if they have the same or similar names as those on the player.

Front Panel



1 POWER switch

2 SA-CD/CD button

Each time you press the button while playing back a hybrid disc, the layer to be played back switches between the SA-CD layer and the CD layer.

3 PLAY MODE button

Press to select the play mode.

4 Disc tray

5 MULTI CHANNEL DECODING indicator

Turns on when you turn on the player, or when the Multi-channel Super Audio CD is loaded and select the multi-channel playback area by pressing MULTI/2CH.

6 button

7 button

8 / buttons

9 AMS dial

(AMS: Automatic Music Sensor)

10 button

11 button

12 Display window

**13 Remote sensor **

14 TIME/TEXT button

Each time you press the button, the playing time of the track, the remaining time of the disc, or TEXT information appears in the display.

15 MULTI/2CH button

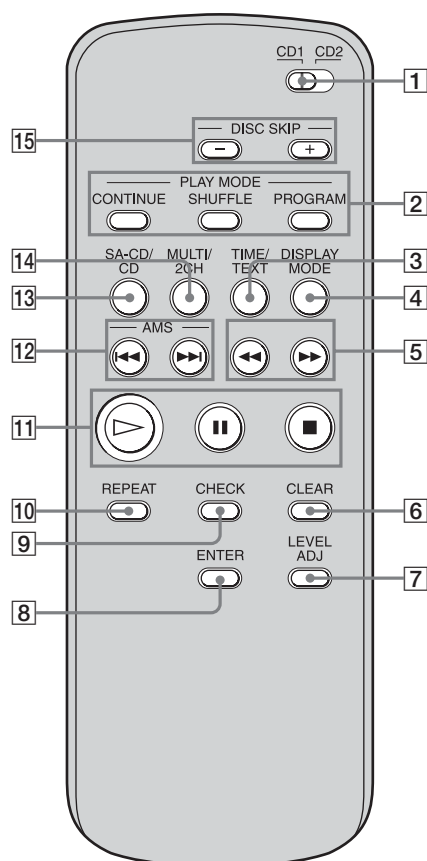
Press to select the playback area when a disc with the 2 channel area and the multi-channel area is loaded.

16 MENU button

Press to enter the menu.

Press to exit from the menu and return to the normal display.

Remote



1 CD1/2 (command mode) switch

Select the command mode.

2 CONTINUE button

Press to resume Continuous Play from Shuffle Play or Program Play.

SHUFFLE button

PROGRAM button

3 TIME/TEXT button

Each time you press the button, the playing time of the track, the remaining time of the disc, or TEXT information appears in the display.

4 DISPLAY MODE button

Press to turn the display information off or on.

5 <</>> buttons

6 CLEAR button

Press to delete a programmed track number.

7 LEVEL ADJ button

Press to adjust the output level balance for the Multi-channel management function.

8 ENTER button

9 CHECK button

Press to check the programmed order.

10 REPEAT button

11 > button

II button

■ button

12 AMS <<</>>> buttons

(AMS: Automatic Music Sensor)

13 SA-CD/CD button

Each time you press the button while playing back a hybrid disc, the layer to be played back switches between the SA-CD layer and the CD layer.

14 MULTI/2CH button

Press to select the playback area when a disc with the 2 channel area and the multi-channel area (page 5) is loaded.

15 DISC SKIP +/- buttons*

Press to select the disc.

*This button cannot be used in this player.

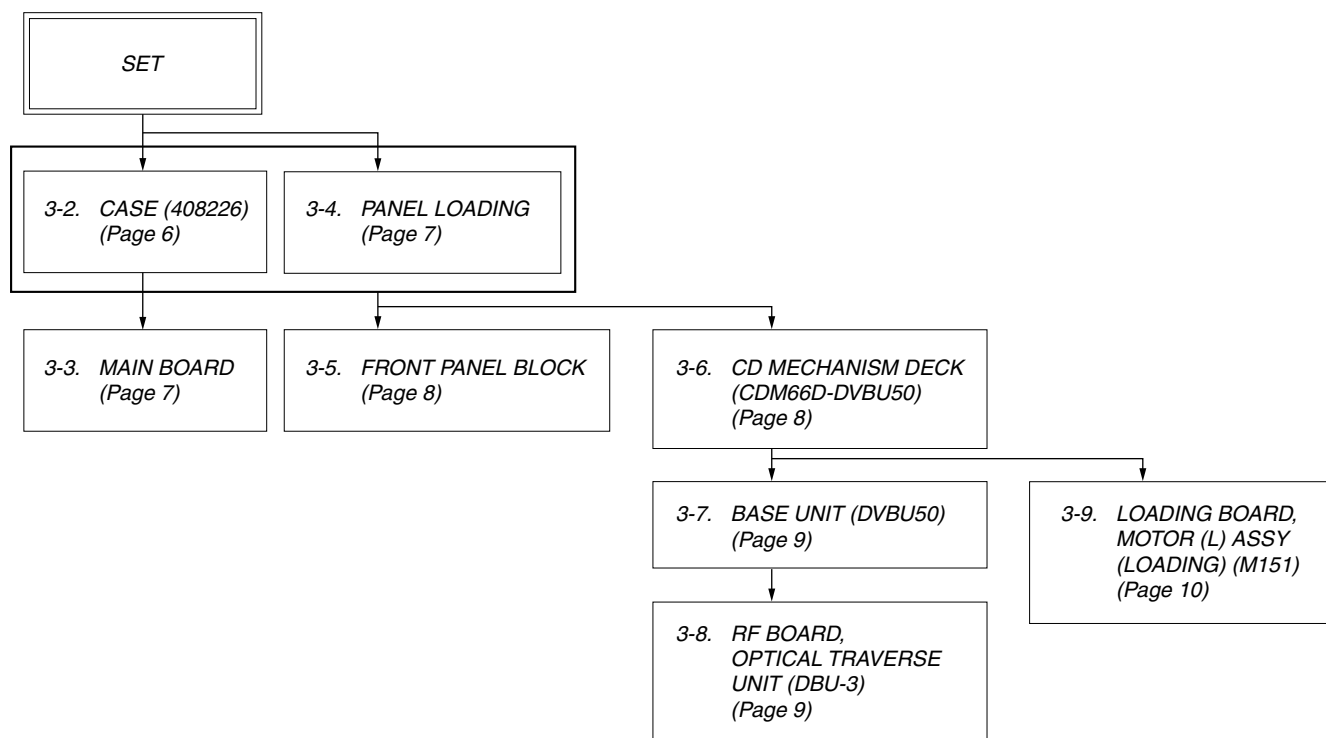
SECTION 3 DISASSEMBLY

• This set can be disassembled in the order shown below.

3-1. DISASSEMBLY FLOW

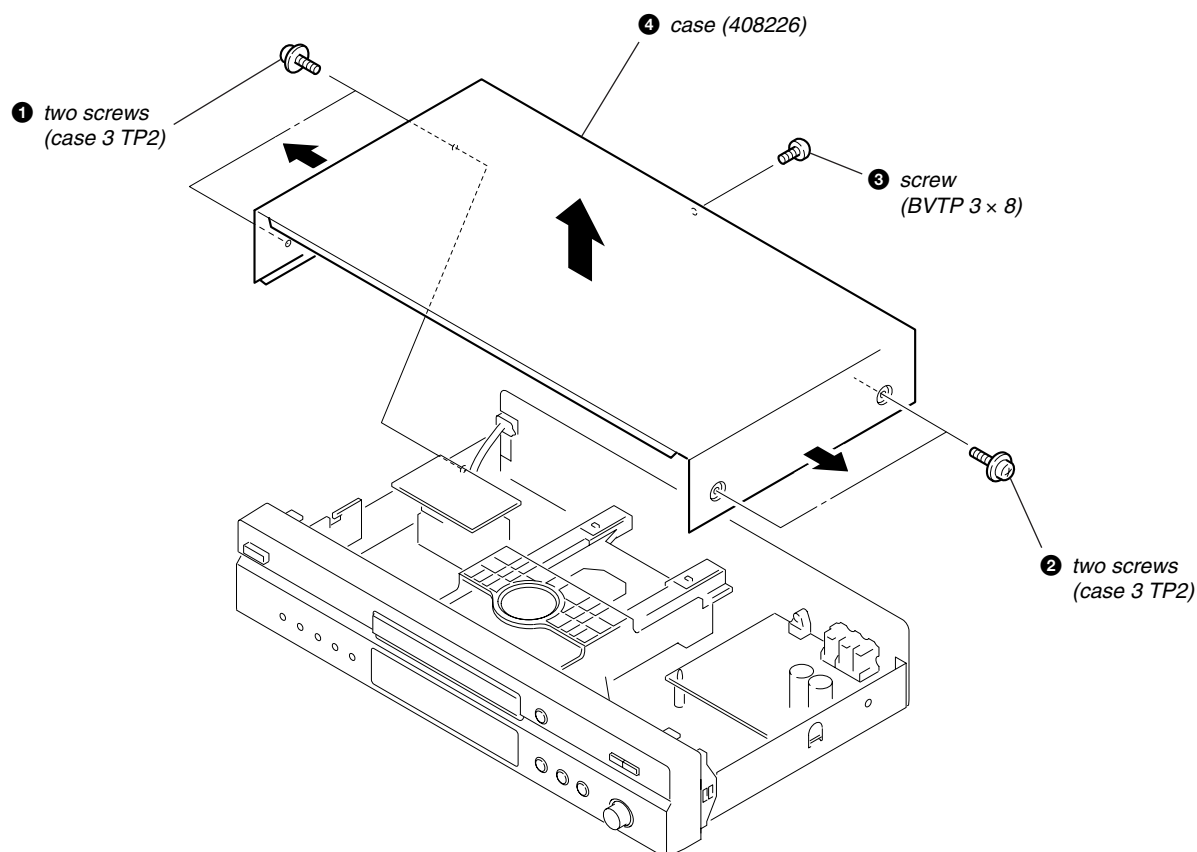
Note 1: The process described in  can be performed in any order.

Note 2: Without completing the process described in , the next process can not be performed.

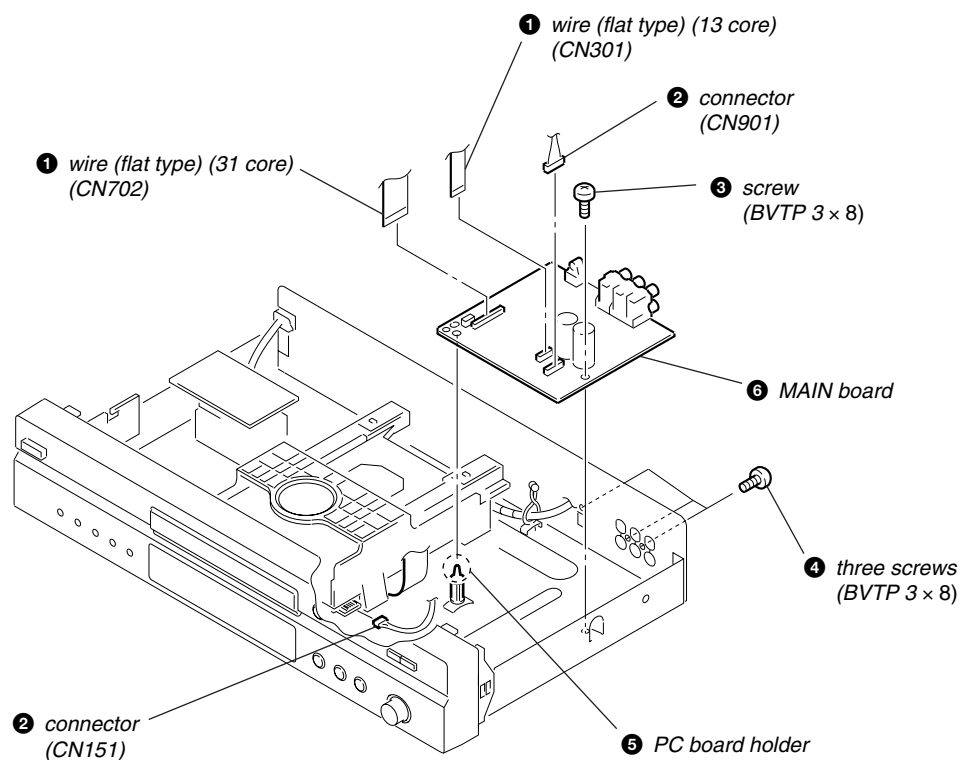


Note: Follow the disassembly procedure in the numerical order given.

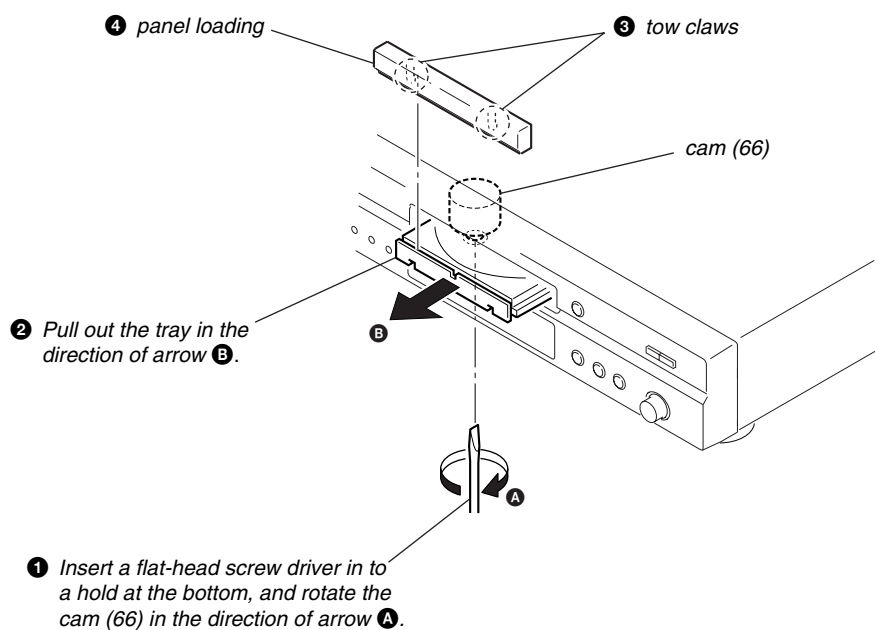
3-2. CASE (408226)



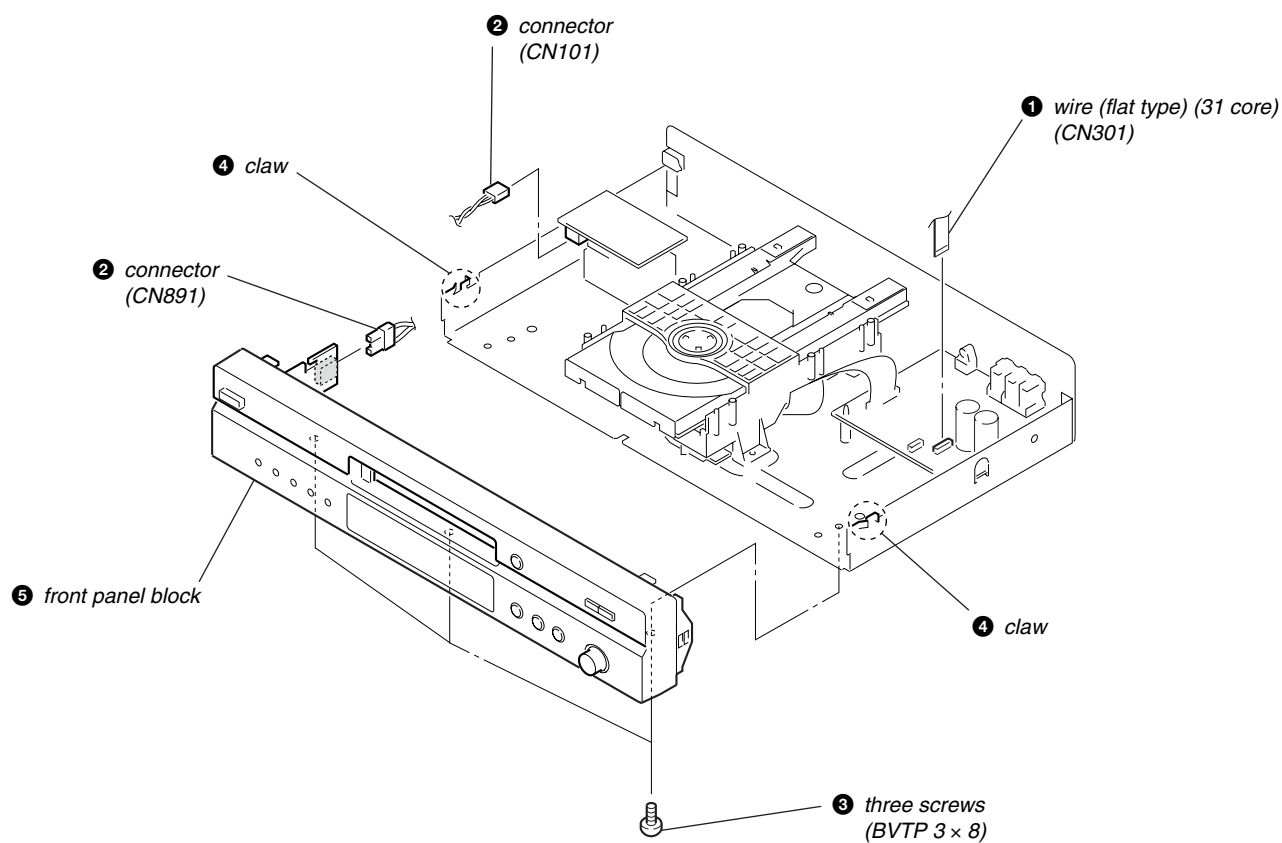
3-3. MAIN BOARD



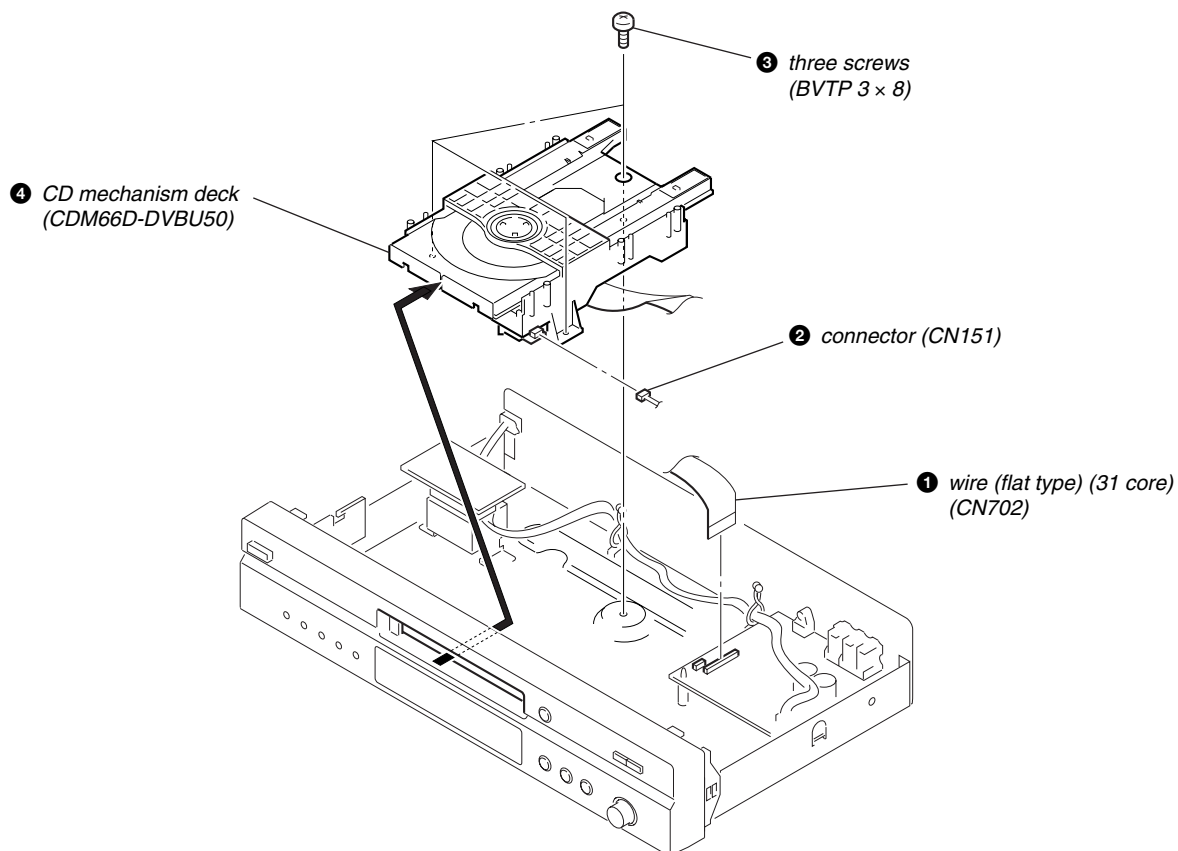
3-4. PANEL LOADING



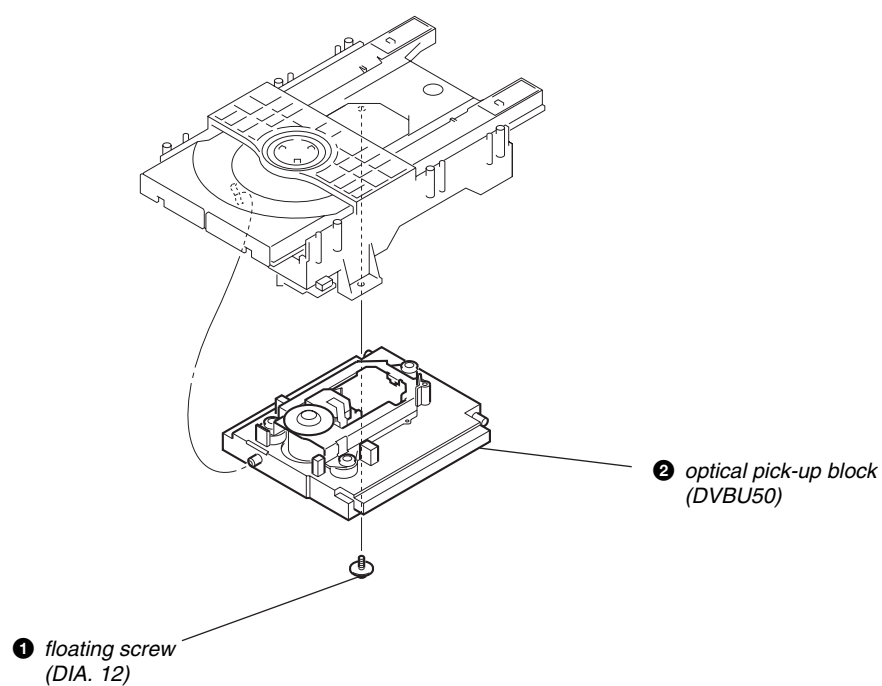
3-5. FRONT PANEL BLOCK



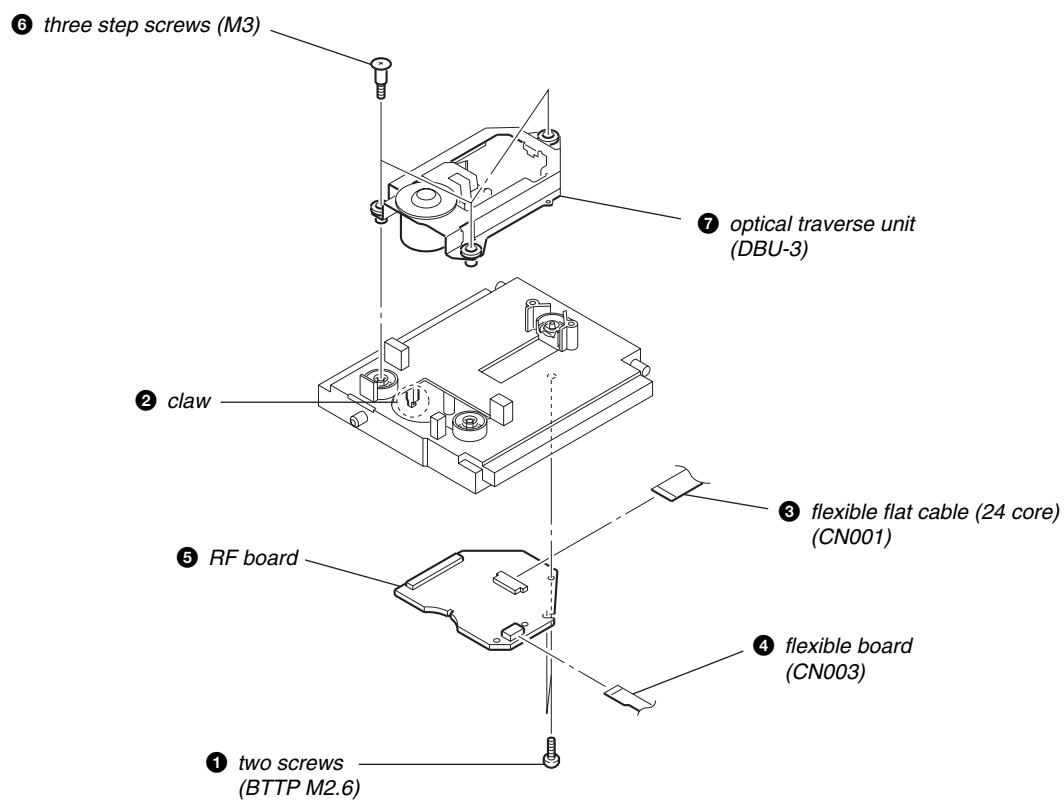
3-6. CD MECHANISM DECK (CDM66D-DVBU50)



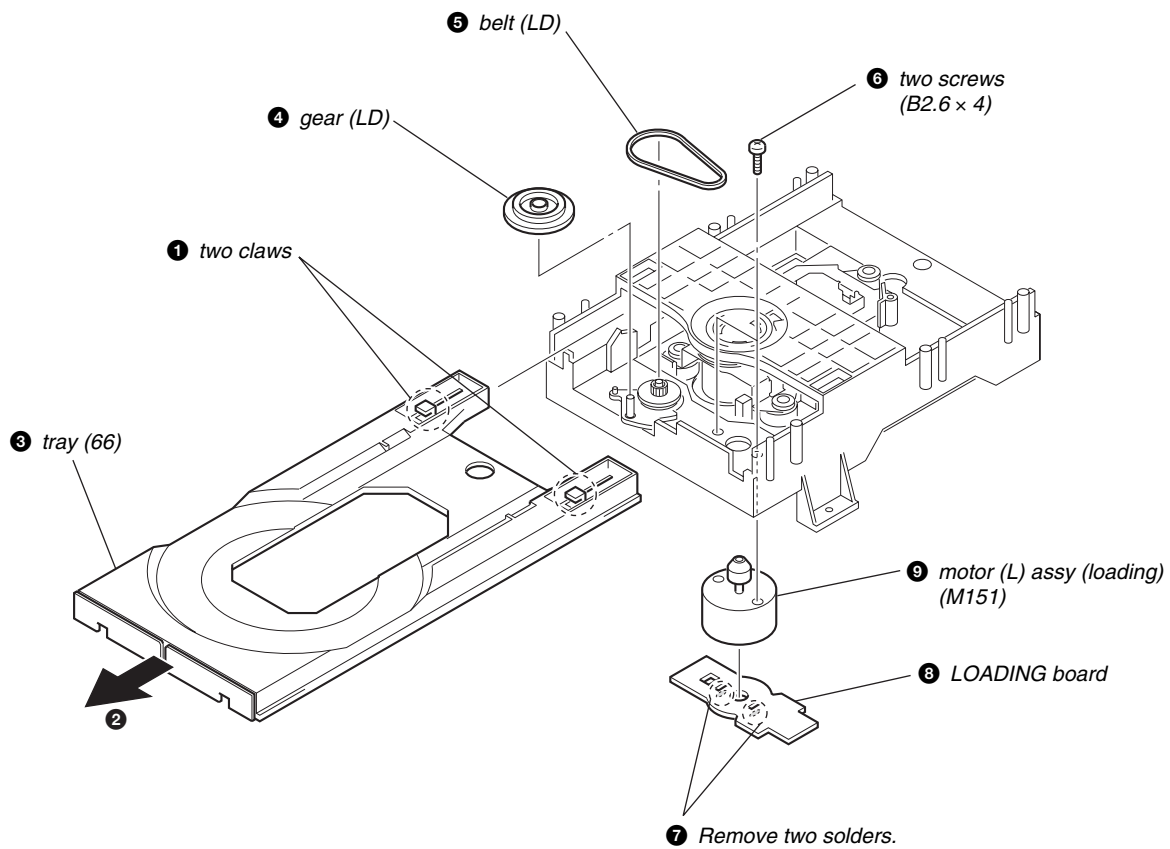
3-7. BASE UNIT (DVBU50)



3-8. RF BOARD, OPTICAL TRAVERSE UNIT



3-9. LOADING BOARD, MOTOR (L) ASSY (LOADING) (M151)



SECTION 4

TEST MODE

PANEL CHECK MODE

Procedure:

1. While pressing the  button and , press the  button to turn the power on.
2. When enter the Panel Check mode, fluorescent indicator tube and LED all lights up for 5 seconds.
3. Press the  key of remote commander to enter the Key Check mode and display “KEY CHECK 12”.^(*)
4. Each button is pressed, the display number of “KEY CHECK” is increases.
5. All buttons of twelve are pressed, exit the Key Check mode and enter the Jog Check mode, then display “JOG CHECK”.
6. Turn the  knob clockwise until “15” is displayed on the calendar area.
7. Turn the  knob counterclockwise until “1” is black out on the calendar area and jog check is OK and display “TEST END”.
8. Press the  button to turn the power off and release the Panel Check mode.

*1) If press the  key, it displays “KEY CHECK 19”. However, this mode is for the model with changer. Therefore, it does not become OK unless 19 buttons are pressed. If entered to this mode by mistake, press the  button to turn the power off and repeat operation from step 1.

TEST MODE

1. Entering The Test Mode

While press the  button and , press the  button to turn the power on and enter the Test Mode and display “DIAG MODE”.

2. Operating The Test Mode

Procedure:

1. Turn the  knob to select the command number (hexadecimal number) (refer to the following table for command number).
2. Press the  knob to execute the selected command item.

3. Releasing The Test Mode

Press the  button to turn the power off.

4. The Commands in Test Mode

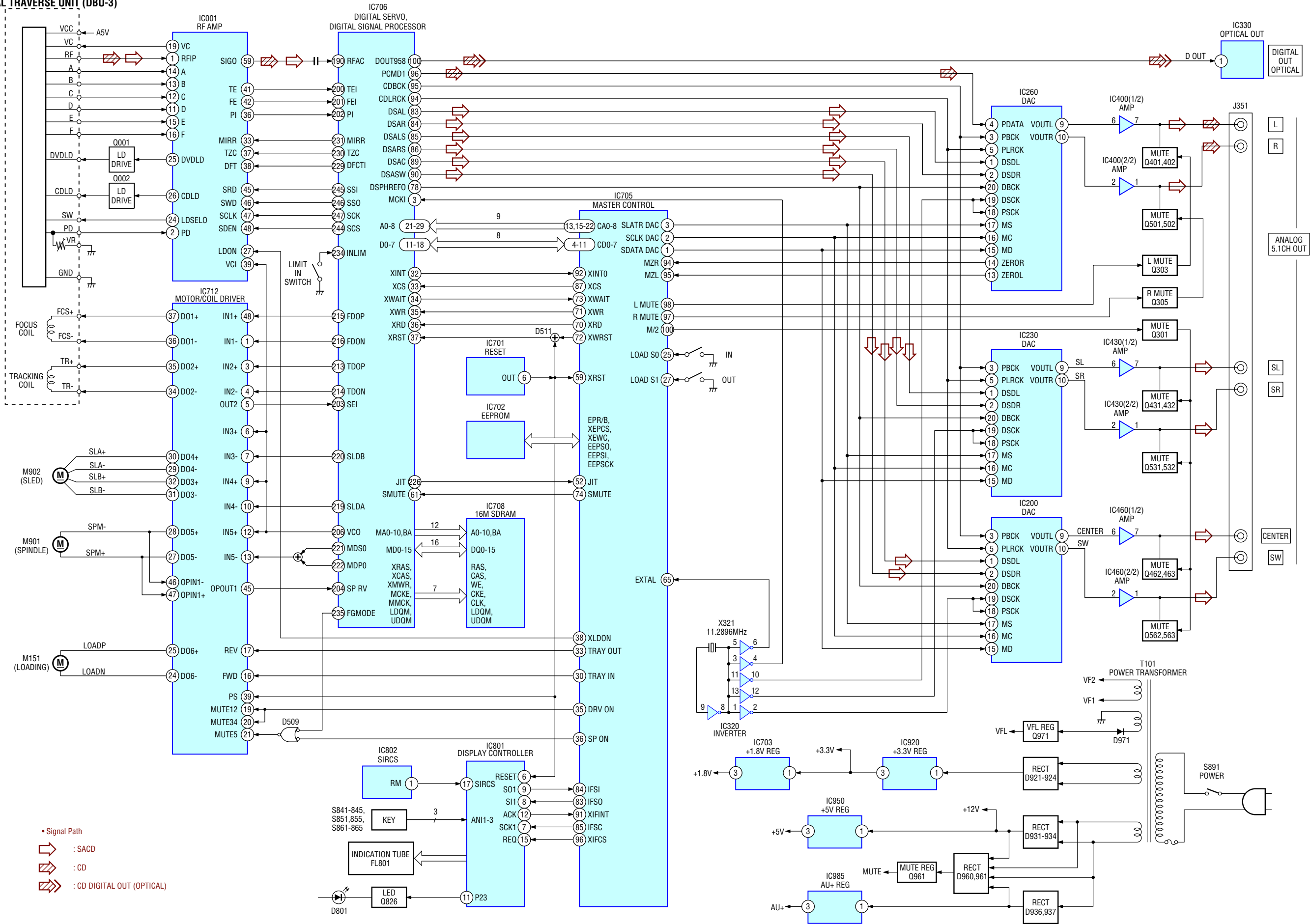
Command No.	Command name	Item
12	LD ON/OFF	Turn on/off the laser diode
13	SPIN ON/OFF	Turn on/off the spindle motor
14	FSRV ON/OFF	Turn on/off the focus servo
15	TSRV ON/OFF	Turn on/off the tracking servo
16	CLV ON/OFF	Turn on/off the spindle CLV servo, when both focus servo and tracking servo are on
17	SSRV ON/OFF	Turn on/off the spindle CLV servo, when all servo of focus servo, tracking servo and spindle servo are on
18	ALL SRV ON	Turn on all servo
19	ALL SRV OFF	Turn off all servo
1A	DISC STOP	Stop the disc rotation (useful as overdrived)
24	ADJ FCSBIAS	Automatically adjust the focus bias (*2)
27	FOCUS AGC	Automatically adjust the focus servo gain (*2)
31	PI/FE OFFSET	Automatically adjust the offset signal of PI, PE and TE (*2)
45	TRACKING AGC	Automatically adjust the focus servo gain (*2)
61	DISC DETECT	Judge the disc type (when SA-CD, “SL” or “DL” is displayed)
7C	FJUMP TEST	Focus jump test mode
81	SYSTEM VERSION	Display the version of system microcomputer for 2 seconds
82	I/F VERSION	Display the version of IF microcomputer for 2 seconds
92	ERR CHECK	Error rate display (to stop, press the  button) for CD display “92 C1 C2 0xff” for SA-CD display “92 PI1 PO PI2”
93	WATER MARK	WaterMark display display “93 xxxx” (“xxxx” is value of pspamp)
9D	PLAY&RFD ON	Measuring the jitter (to stop, press the  button) display: “9D xx 0xff 0xff” (“xx” is measuring value of jitter)

*2) Not used in servicing

SECTION 5
DIAGRAMS

5-1. BLOCK DIAGRAM

OPTICAL TRAVERSE UNIT (DBU-3)



• NOTE FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS

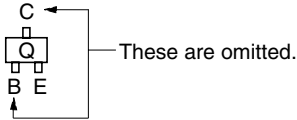
Note on Printed Wiring Board:

- : parts extracted from the component side.
- : parts extracted from the conductor side.
- : Pattern from the side which enables seeing.
(The other layers' patterns are not indicated.)

Caution:

Pattern face side:	Parts on the pattern face side seen from (Side B)	Parts on the pattern face side seen from the pattern face are indicated.
Parts face side:	Parts on the parts face side seen from (Side A)	Parts on the parts face side seen from the parts face are indicated.

• Indication of transistor



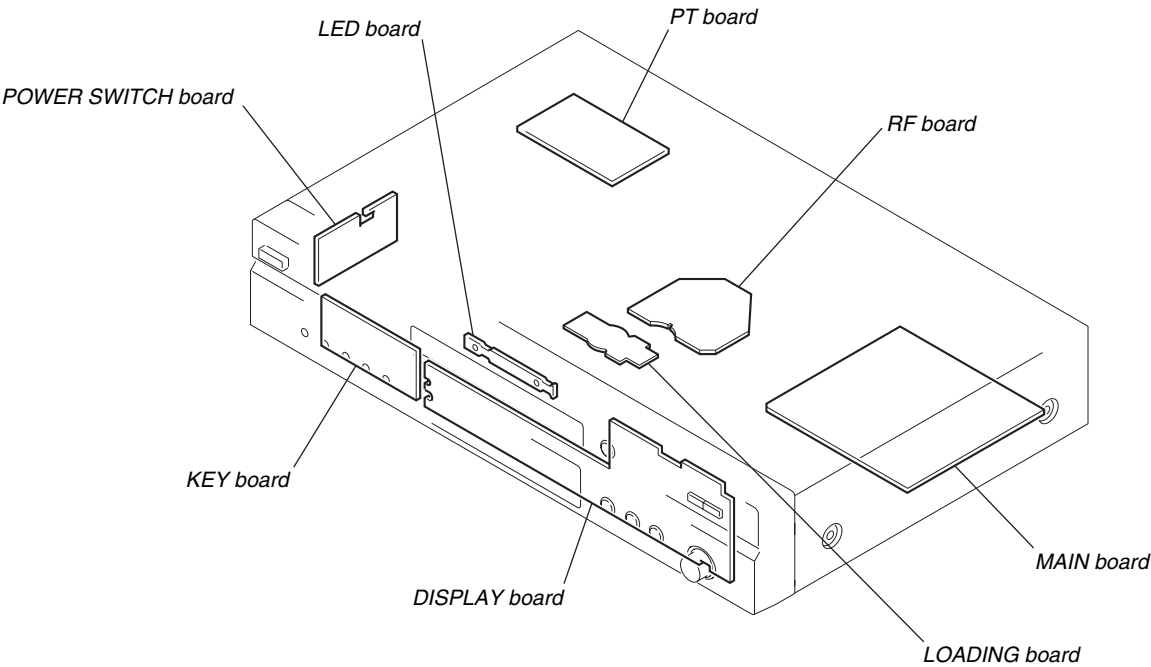
Note on Schematic Diagram:

- All capacitors are in μF unless otherwise noted. pF: $\mu\mu\text{F}$ 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $\frac{1}{4}\text{W}$ or less unless otherwise specified.
- $\triangle$: internal component.
- : panel designation.

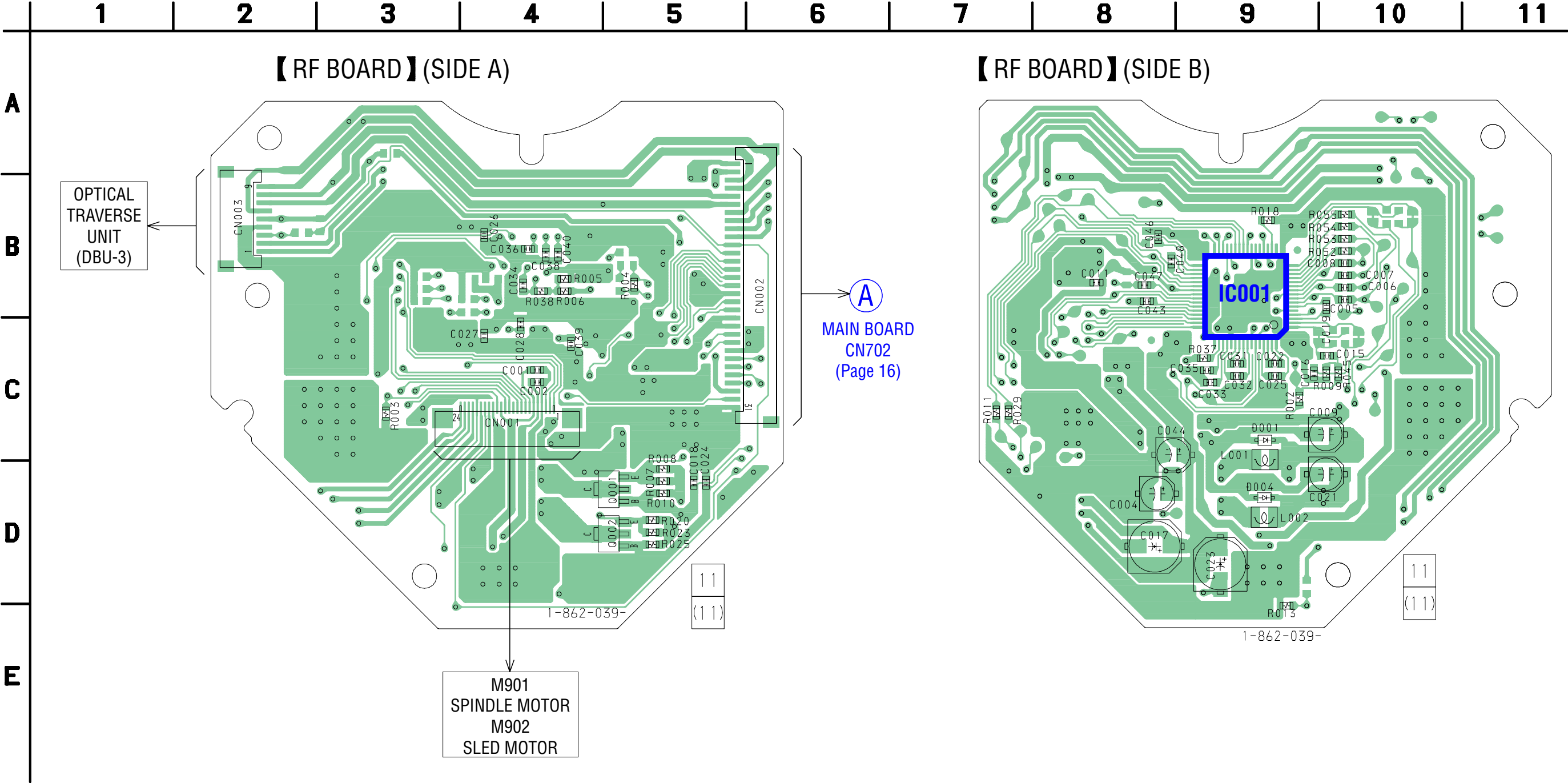
Note: The components identified by mark $\triangle$ or dotted line with mark $\triangle$ are critical for safety. Replace only with part number specified.

- : B+ Line.
- - - : B- Line.
- Voltages and waveforms are dc with respect to ground under no-signal conditions.
no mark : SACD PLAY
() : CD PLAY
- Voltages are taken with a VOM (Input impedance 10 M Ω). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
⇒ : SACD
⇒ : CD
⇒ : CD DIGITAL OUT (OPTICAL)

• Circuit Boards Location



5-2. PRINTED WIRING BOARD – RF BOARD – • See page 13 for Circuit Boards Location. : Uses unleaded solder.



[RF BOARD]

OPTICAL TRAVERSE UNIT (DBU-3)

M901 SPINDLE MOTOR

M902 SLED MOTOR

IC001 SP9726A RF AMP

Pinouts:

CN001 24P

Ø	1	JL003
C	2	JL004
RF	3	JL005
GND	4	JL006
VC	5	JL007
VCC	6	JL008
E	7	JL009
A	8	JL010
B	9	JL011
F	10	JL012
N.C	11	JL013
PD	12	JL014
VR	13	JL015
VCC	14	JL016
SW	15	JL017
LD GND	16	JL018
DVD LD	17	JL019
INLIM	18	JL020
CD LD	19	JL021
INLIM_3V	20	JL022
FCS+	21	JL023
FCS-	22	JL024
TRK+	23	JL025
TRK-	24	JL026

CN002 31PIN

31	17	GND
30	16	RFAC
29	15	AVC 14-15
28	14	TZC
27	13	MIRR
26	12	ØFCT
25	11	P1
24	10	A3V
23	9	TE
22	8	FE
21	7	A5V
20	6	A5V
19	5	RFMNT
18	4	RFMON
17	3	GND
16	2	SDEN
15	1	SCLK
14	0	SSWB
13	0	SRD
12	0	LDON
11	0	INLIM
10	0	FD+
9	0	FD+
8	0	TD+
7	0	TD+
6	0	SLEDB-
5	0	SLEDB+
4	0	SLEDA-
3	0	SLEDA+
2	0	SPDL-
1	0	SPDL+

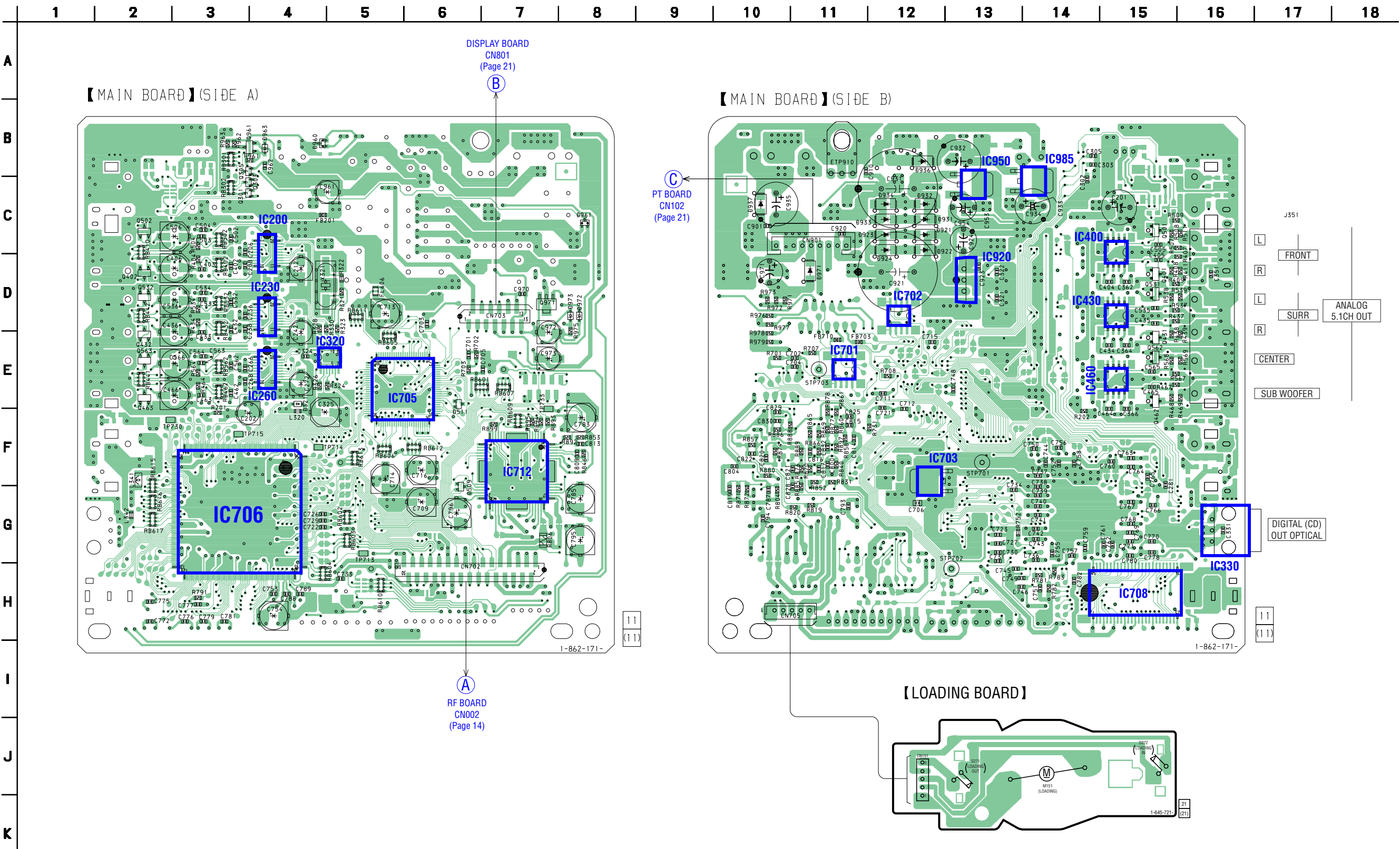
CN003 9P

SLEDA+	9	JL027
SLEDB+	8	JL028
SLEDB-	7	JL029
SLEDA-	6	JL030
LED ILIMIT-SW (A)	5	JL031
GND ILIMIT-SW (B)	4	JL032
INLIM ILIMIT-SW (B)	3	JL033
SPDL-	2	JL034
SPDL+	1	JL035

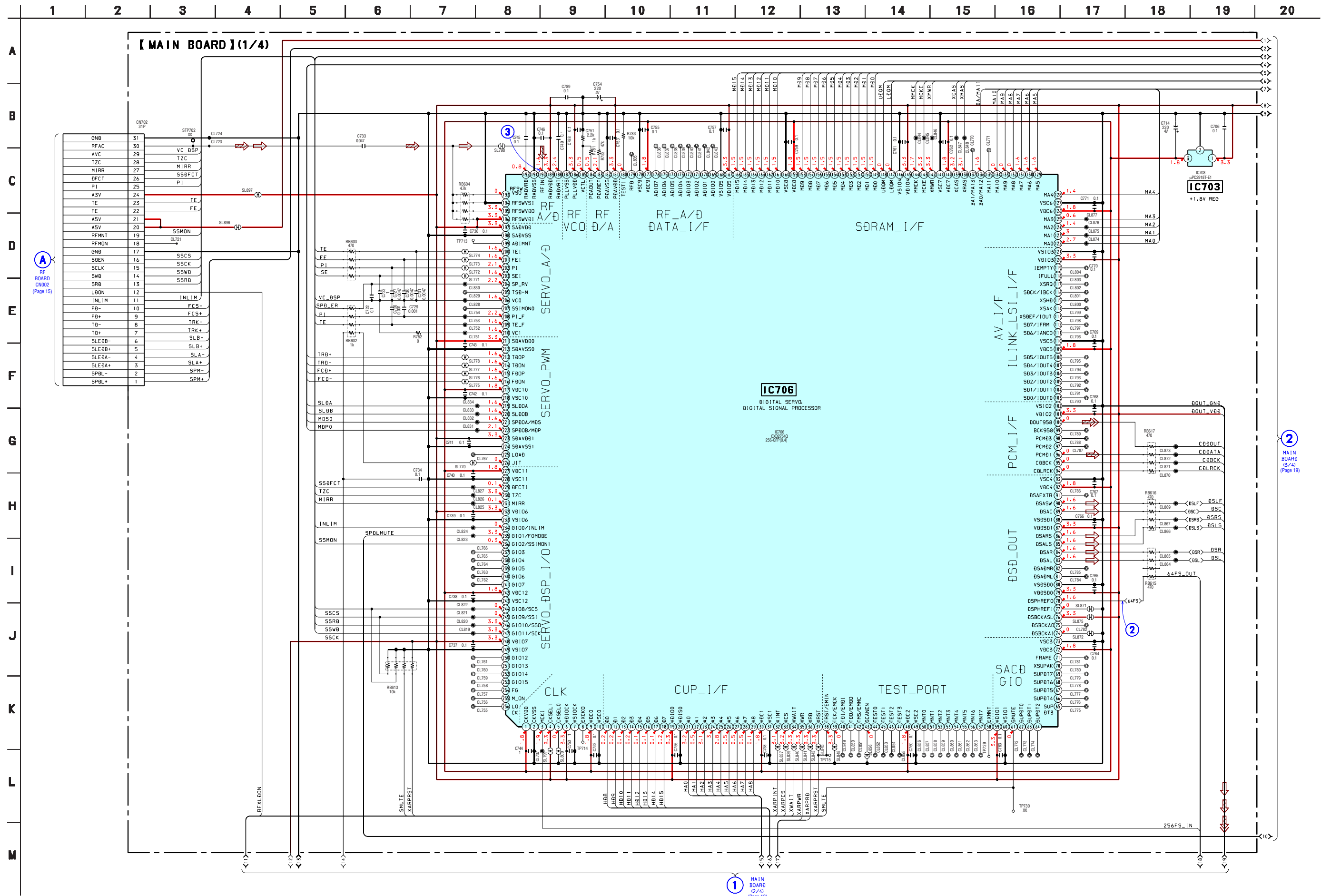
Legend:

No mark: SACB PLAY
() : CD PLAY

5-4. PRINTED WIRING BOARDS – MAIN BOARD – • See page 13 for Circuit Boards Location. : Uses unleaded solder.



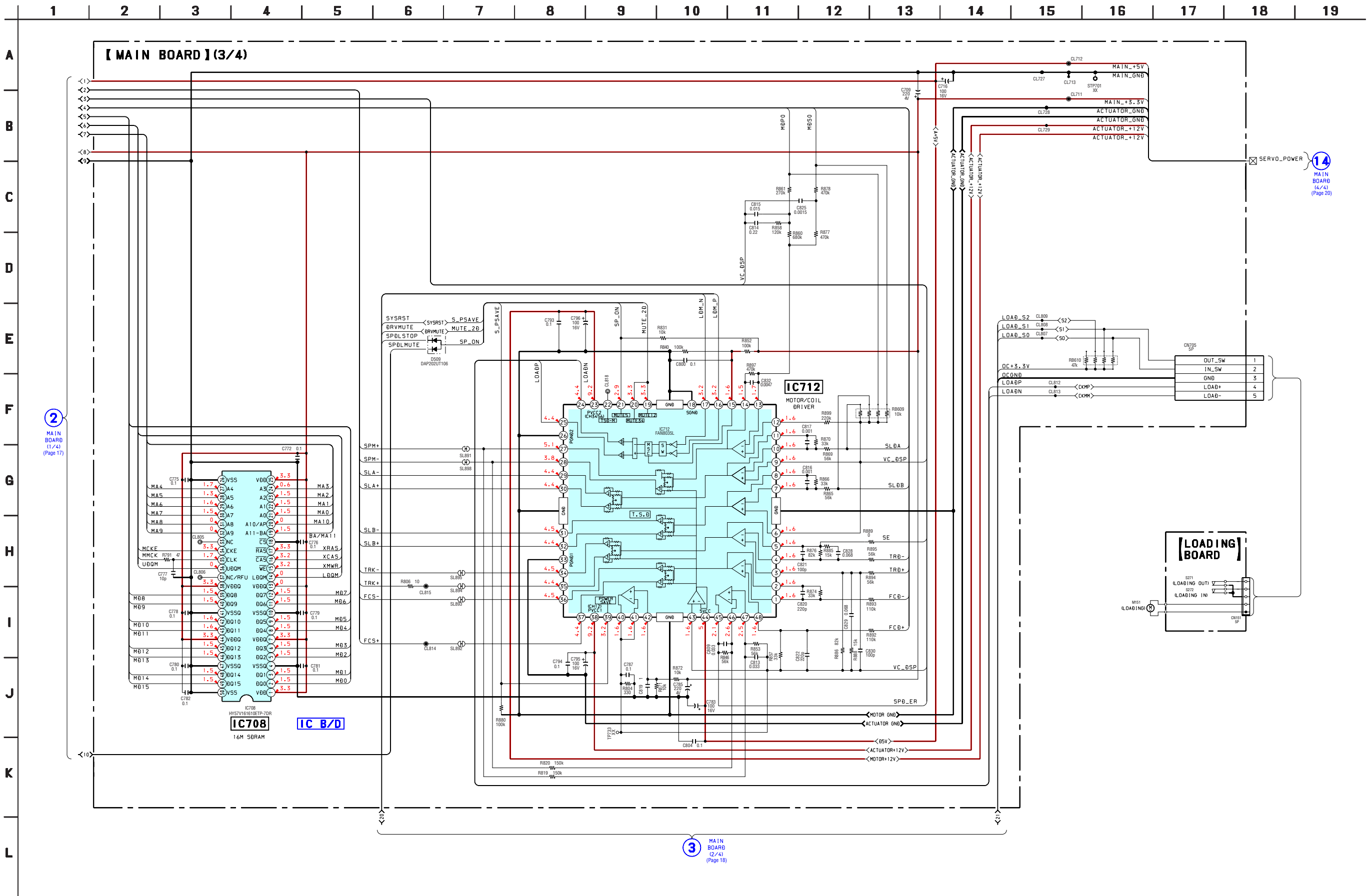
5-5. SCHEMATIC DIAGRAM – MAIN BOARD (1/4) – • See page 23 for Waveforms. • See page 23 for IC Block Diagram.



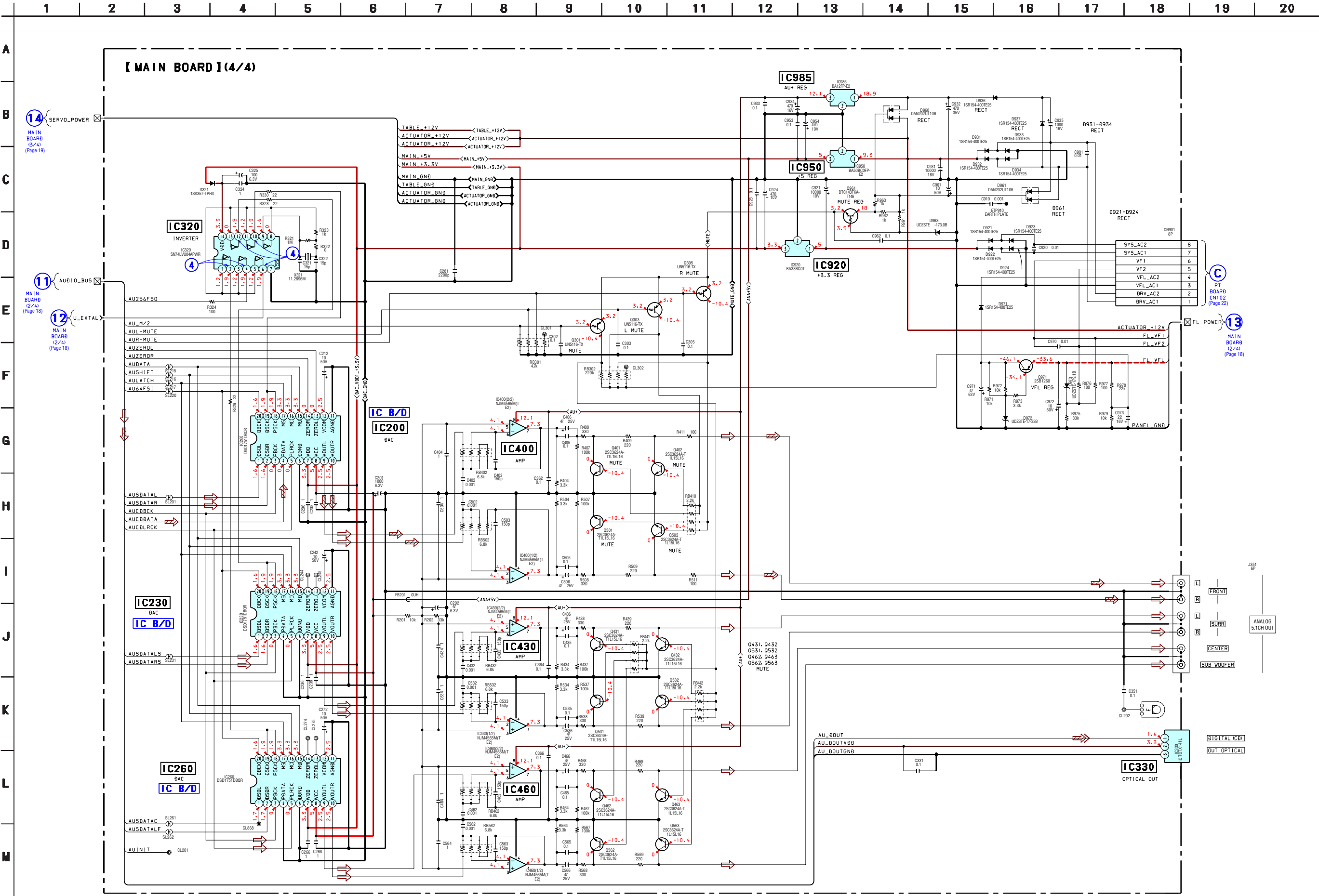
18 18



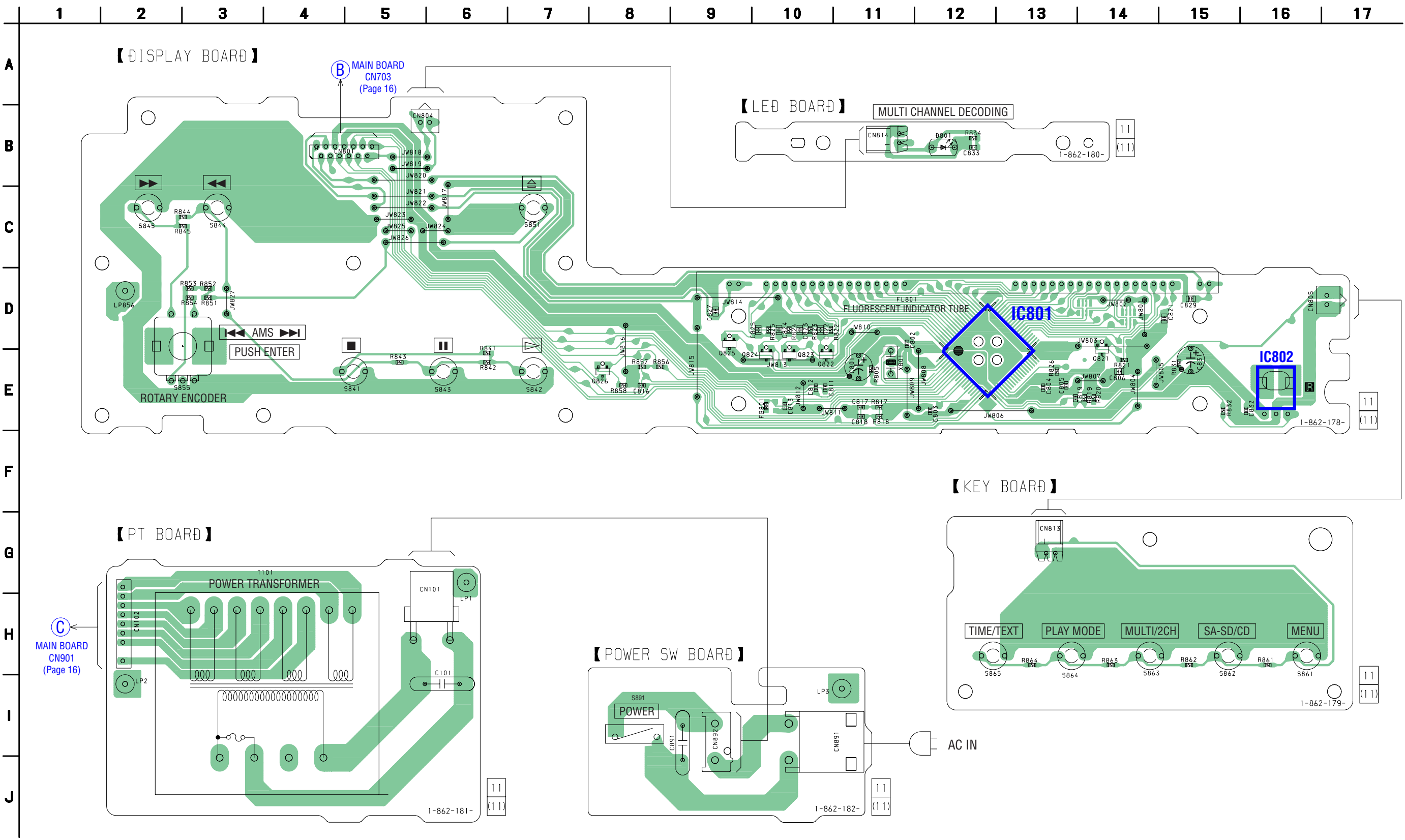
5-7. SCHEMATIC DIAGRAM – MAIN BOARD (3/4) –



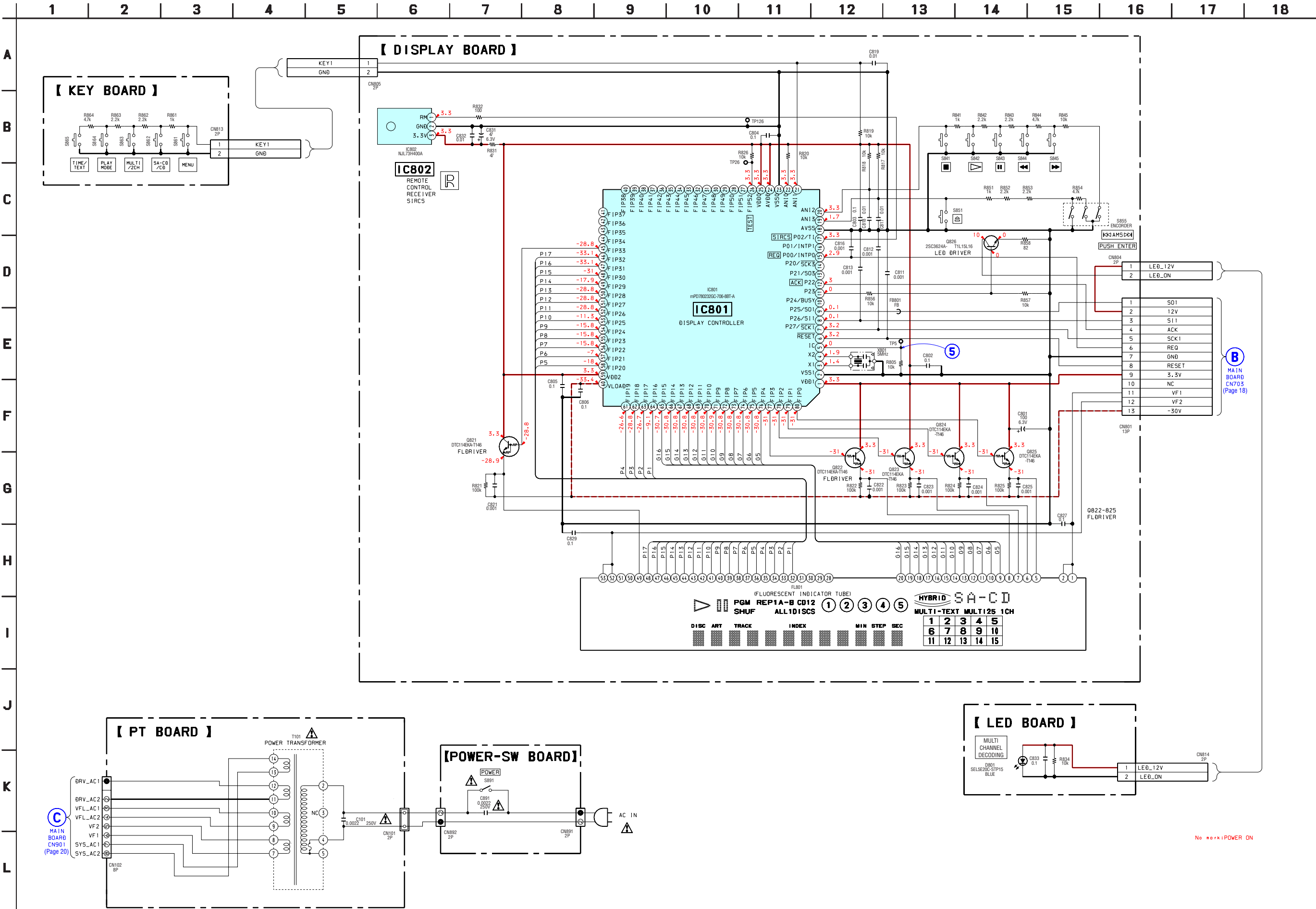
5-8. SCHEMATIC DIAGRAM – MAIN BOARD (4/4) – • See page 23 for Waveforms. • See page 23 for IC Block Diagram.



5-9. PRINTED WIRING BOARDS – DISPLAY, POWER SUPPLY SECTION – • See page 13 for Circuit Boards Location. : Uses unleaded solder.

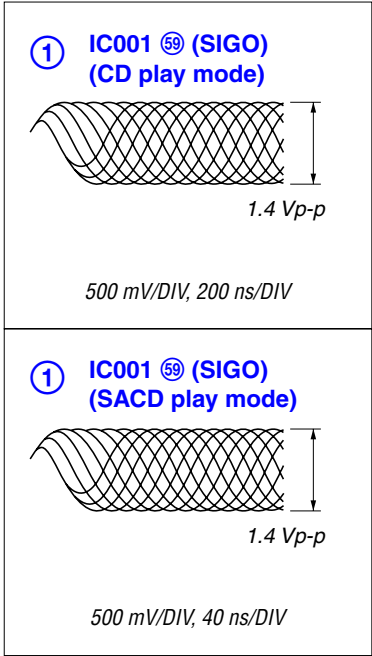


5-10. SCHEMATIC DIAGRAM – DISPLAY, POWER SUPPLY SECTION – • See page 23 for Waveforms. • See page 27 for IC Pin Function Description.

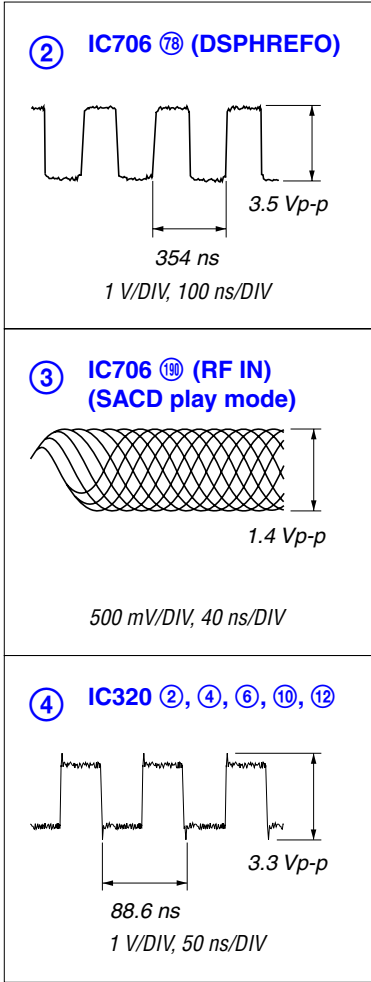


• Waveforms

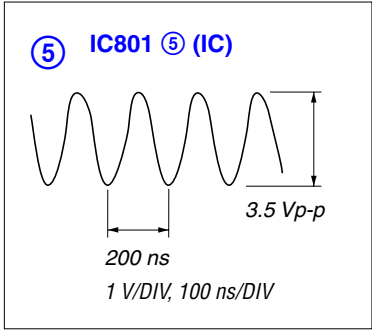
– RF Board –



– MAIN Board –



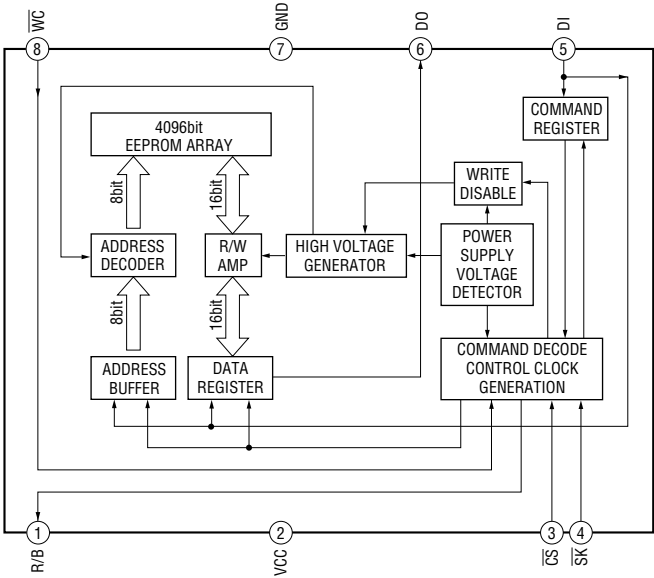
– DISPLAY Board –



• IC Block Diagrams

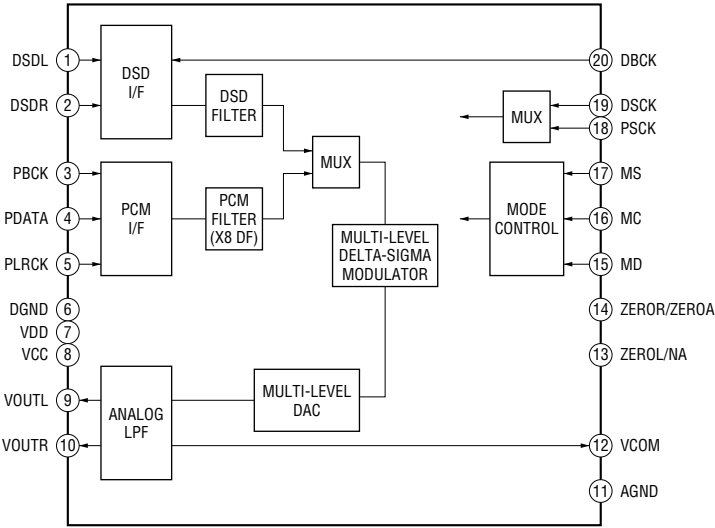
– RF Board –

IC702 BR9040F-WE2

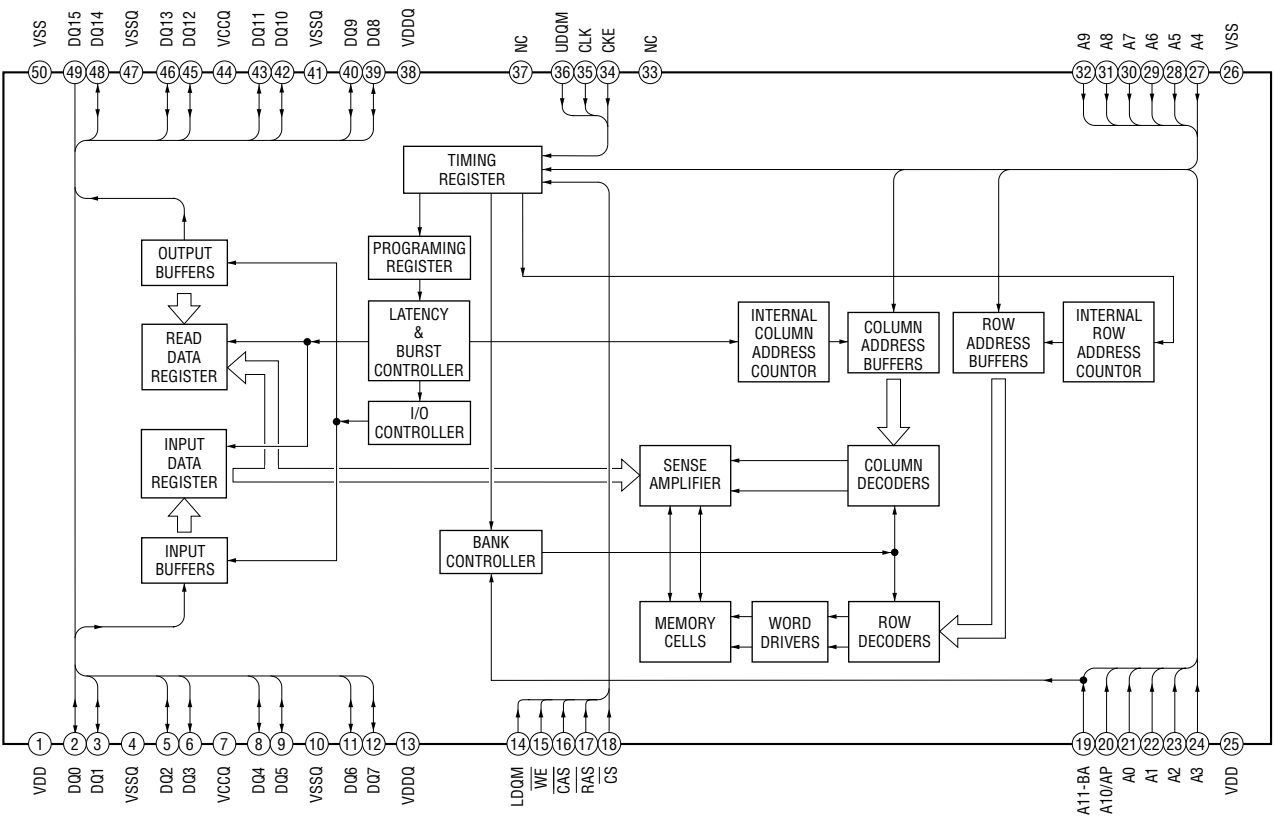


– MAIN Board –

IC200, IC230, IC260 DSD1751DBQR

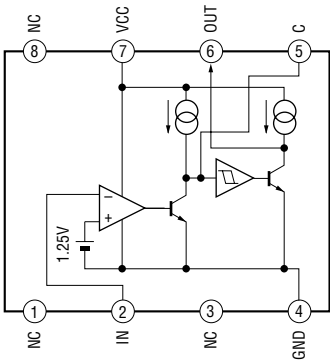


IC708 HY57V161610ETP-7DR



– DISPLAY Board –

IC701 M51957BFP-600C



• IC Pin Function Description

MAIN BOARD IC705 HD6432238RN57TEV (MASTER CONTROL)

Pin No.	Pin Name	I/O	Description
1	SDATA_DAC	O	Serial data output to the D/A converter
2	SCLK_DAC	O	Serial data transfer clock signal output to the D/A converter
3	SLATR_DAC	O	Serial data latch pulse output to the D/A converter
4 to 11	CD0 to CD7	I/O	Two-way data bus with the DSP
12	CVCC	–	Power supply terminal (+3.3V)
13	CA0	O	Address signal output to the DSP
14	VSS0	–	Ground terminal
15 to 22	CA1 to CA8	O	Address signal output to the DSP
23, 24	PB1, PB2	O	Not used
25	LOAD_S0	I	Loading in switch input terminal
26	LOAD_S2	I	Detection signal input for disc tray open Not used
27	LOAD_S1	I	Loading out switch input terminal
28	TSENS	I	Not used
29	DSSENS	I	Disc in detection signal input terminal Not used
30	TRAY_IN	O	Control signal for loading motor drive
31	RS232CTx	O	Not used
32	RS232CRx	I	Not used
33	TRAY_OUT	O	Control signal for loading motor drive
34	P10	O	Not used
35	DRV_ON	O	Stop signal output for the sled motor and focus/tracking coil
36	SP_ON	O	Stop signal output for the spindle motor
37	P13	O	Not used
38	XLDON	O	Laser diode on/off control signal output to the RF amplifier
39, 40	TRMP, TRMM	O	Tray motor control signal output terminal Not used
41	P17	O	Not used
42	AVSS	–	Ground terminal
43	DIAG	I	Not used
44	P96	I	Not used
45 to 50	P47 to 42	I	Not used
51	MODEL	I	Setting terminal for model discrimination
52	JIT	I	Jitter value input from the DSP
53	VREF	I	Reference voltage input terminal
54	AVCC	–	Power supply terminal (+3.3V)
55, 56	MD0, MD1	I	Setting terminal for the CPU operational mode
57	OSC2	O	Sub system clock output terminal Not used
58	OSC1	I	Sub system clock input terminal Not used
59	XRES	I	System reset signal input from the reset signal generator “L”: reset For several hundreds msec. after the power supply rises, “L” is input, then it changes to “H”
60	XNMI	I	Non-maskable interrupt signal input terminal Not used
61	XSTBY	I	Standby on/off control signal input terminal Not used
62	VCC	–	Power supply terminal (+3.3V)
63	XTAL	–	System clock terminal (12.5 MHz) Not used
64	VSS1	–	Ground terminal
65	EXTAL	I	System clock input terminal (11.2896 MHz)
66	FWE	I	Write enable signal input for flash memory Not used
67	MD2	I	Setting terminal for the CPU operational mode
68	PF7	I	Not used

Pin No.	Pin Name	I/O	Description
70	XRD	O	Data read strobe signal output to the DSP
71	XWR	O	Write strobe signal output to the DSP
72	XWRST	O	Reset signal output to the DSP
73	XWAIT	I	Wait request signal input for bus cycle
74	SMUTE	O	Muting on/off control signal output to the DSP
75	EPR/B	I	Read/busy signal input from the EEPROM
76	XEPCS	O	Chip select signal output to the EEPROM
77	XEWC	O	WC signal output to the EEPROM
78	P32	O	Not used
79	EEPSO	O	Serial data output to the EEPROM
80	EEPSI	I	Serial data input from the EEPROM
81	EEPCK	O	Serial data transfer clock signal output to the EEPROM
82	P36	O	Not used
83	IFSO	O	Serial data output to the display controller
84	IFSI	I	Serial data input from the display controller
85	IFSC	O	Serial data transfer clock signal output to the display controller
86	P74	O	Not used
87	XCS	O	Chip select signal output to the display controller
88 to 90	P72 to P70	I	Not used
91	XIFINT	I	Busy signal input from the display controller
92	XINT0	I	Interrupt request signal input from the DSP
93	PG2	I	Not used
94	MZR	I	Zero data (R-CH) flag detection signal input from the D/A converter
95	MZL	I	Zero data (L-CH) flag detection signal input from the D/A converter
96	XIFCS	O	Chip select signal output to the display controller
97	R_MUTE	O	Muting on/off control signal output terminal
98	L_MUTE	O	Muting on/off control signal output terminal
99	INIT_DAC	O	Not used
100	M/2	O	Muting on/off control signal output terminal

DISPLAY BOARD IC801 μ PD780232GC-706-8BT (DISPLAY CONTROLLER)

Pin No.	Pin Name	I/O	Description
1	VDD1	–	Power supply terminal (+3.3V)
2	VSS1	–	Ground terminal
3	X1	I	System clock input terminal (5 MHz)
4	X2	O	System clock output terminal (5 MHz)
5	IC	–	Not used
6	$\overline{\text{RESET}}$	I	System reset signal input from the reset signal generator “L”: reset For several hundreds msec. after the power supply rises, “L” is input, then it changes to “H”
7	P27/SCK1	I	Serial data transfer clock signal input from the master controller
8	P26/SI1	I	Serial data input from the master controller
9	P25/SO1	O	Serial data output to the master controller
10	P24/BUSY	I/O	Not used
11	P23	O	LED drive signal output terminal
12	ACK P22	O	Busy signal output to the master controller
13	P21/SO3	I/O	Not used
14	SCK3	I/O	Not used
15	REC P00/INTP0	I	Chip select signal input from the master controller
16	P01/INTP1	I/O	Not used
17	SIRCS P02/TI	I	SIRCS signal input terminal
18	AVSS	–	Ground terminal
19 to 21	ANI3 to ANI1	I	Front panel keys input terminal (A/D input)
22	ANI0	I	Key input terminal (A/D input) Not used
23	VSS0	–	Ground terminal
24	AVDD	–	Power supply terminal (+3.3V)
25	VDD0	–	Power supply terminal (+3.3V)
26	TEST FIP52	I/O	Test mode setting terminal “L”: test mode, normally fixed at “H”
27 to 44	FIP51 to FIP34	I/O	Not used
45 to 58	FIP33 to FIP20	O	Segments drive signal output to the fluorescent indicator tube
59	VDD2	–	Power supply terminal (+3.3V)
60	VLOAD	–	Pull down resistor connection terminal of VFD controller and driver
61 to 64	FIP19 to FIP16	O	Segments drive signal output to the fluorescent indicator tube
65 to 80	FIP15 to FIP0	O	Grid drive signal output to the fluorescent indicator tube

SECTION 6

EXPLODED VIEWS

NOTE:

- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
Example:
KNOB, BALANCE (WHITE) . . . (RED)

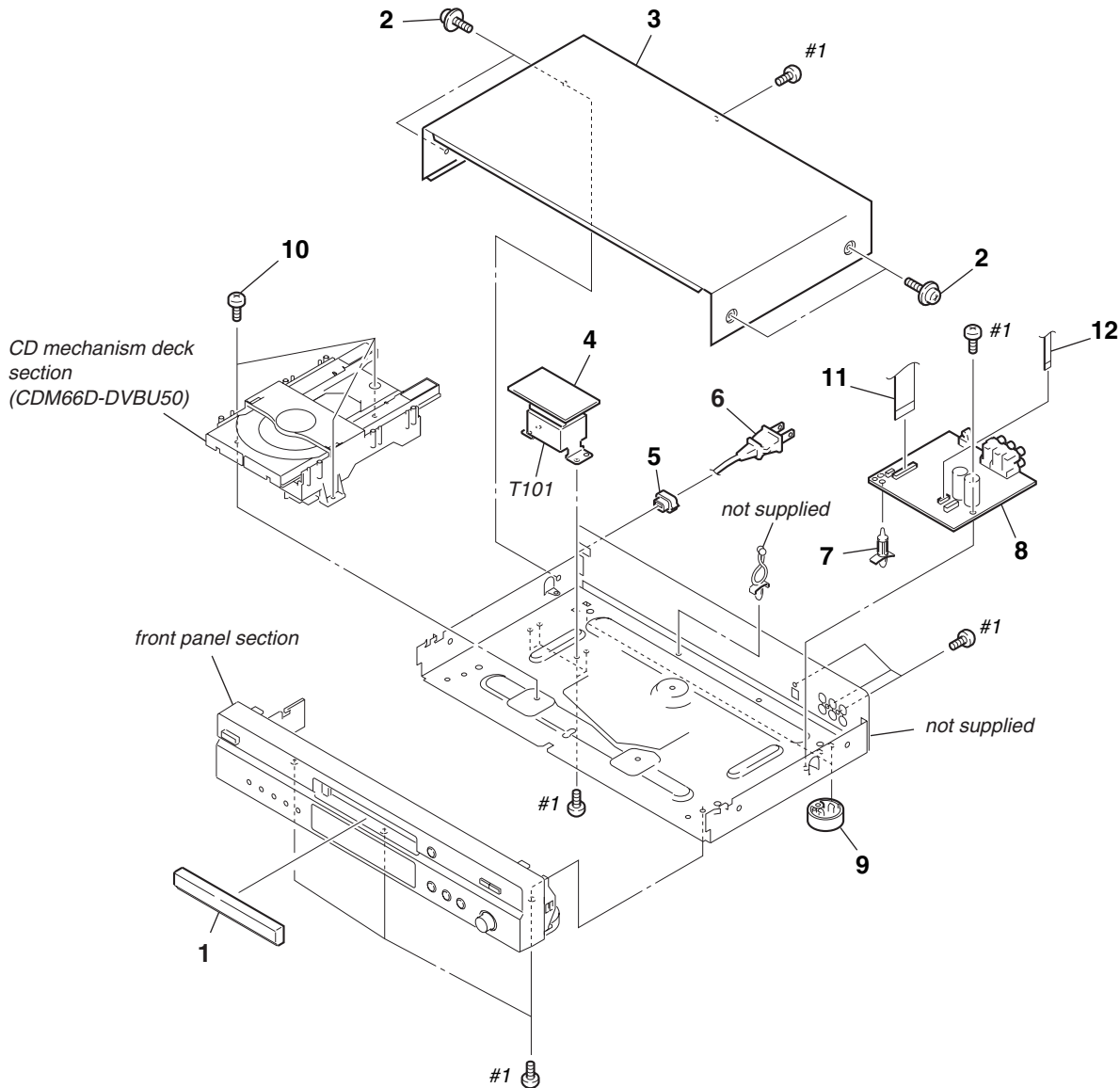
↑
Parts Color

↑
Cabinet's Color

- Items marked “*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Accessories are given in the last of the electrical parts list.

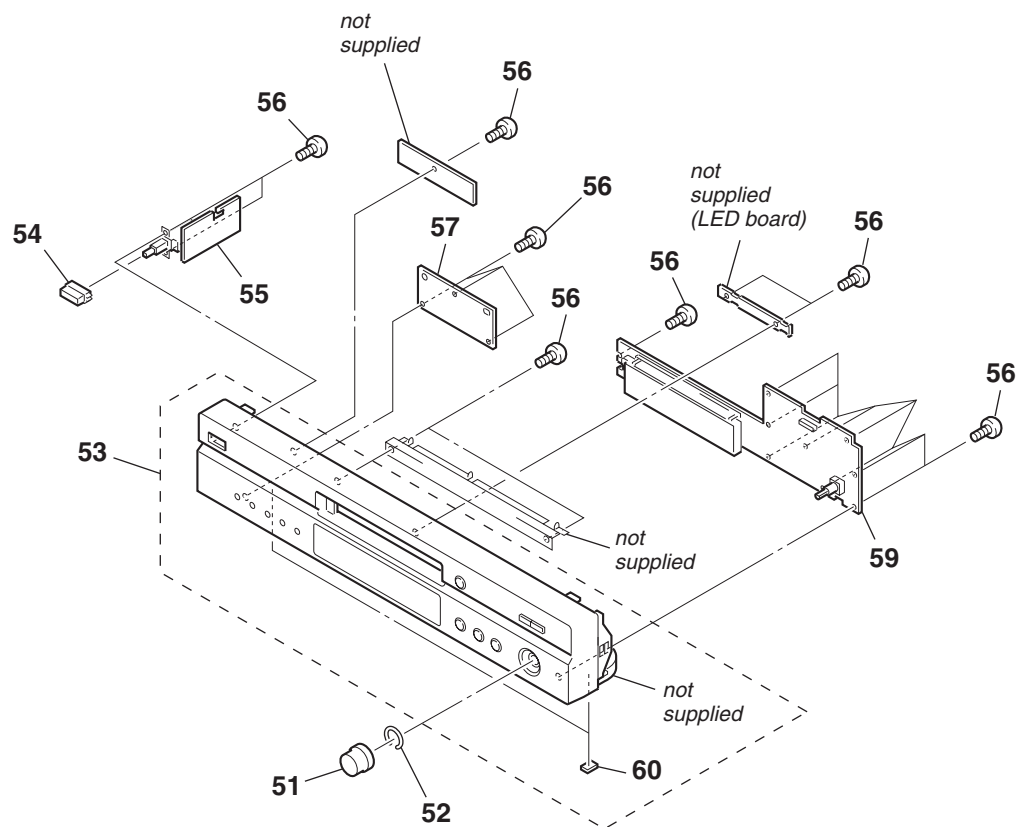
The components identified by mark  or dotted line with mark  are critical for safety. Replace only with part number specified.

6-1. MAIN SECTION



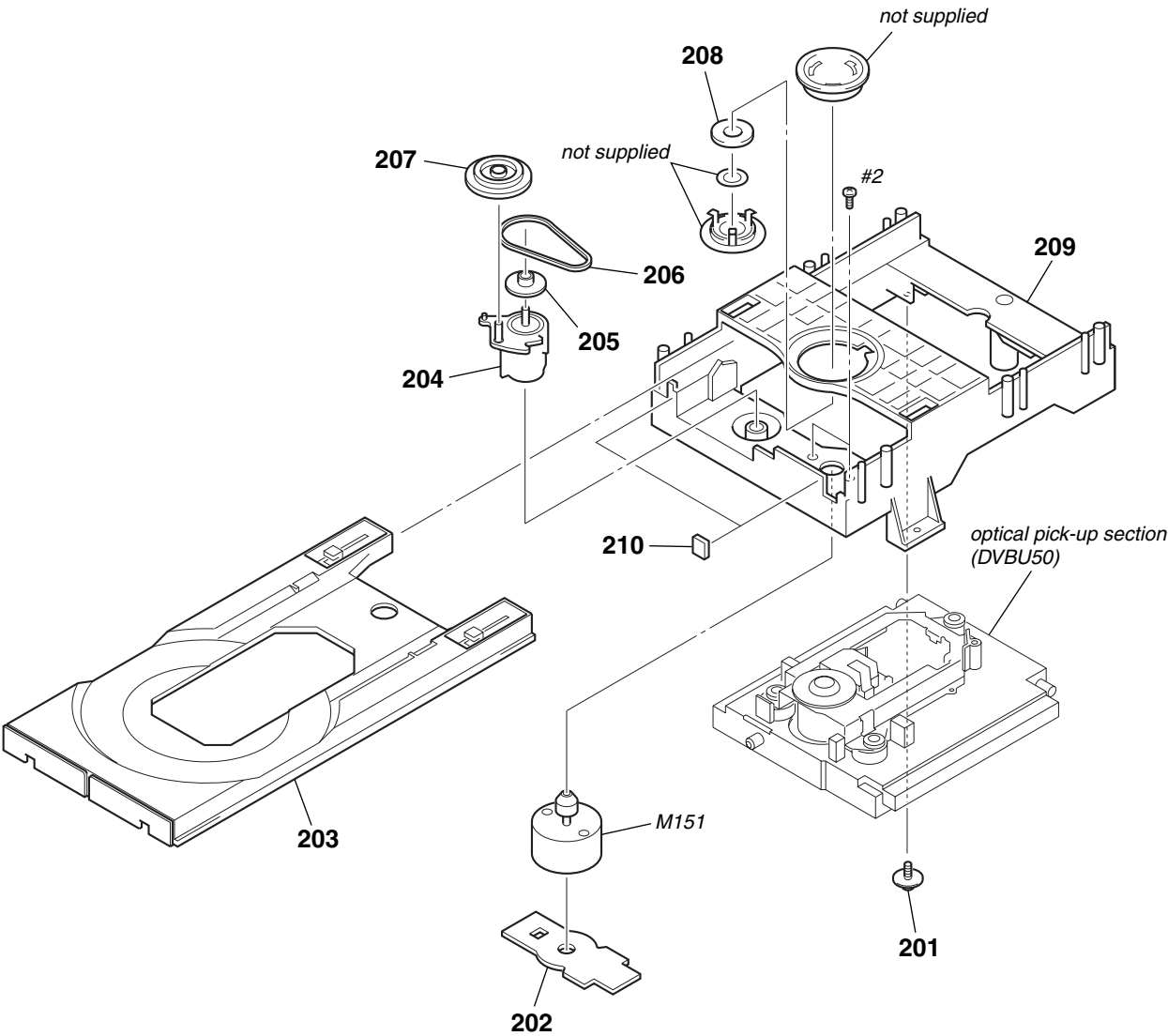
<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>
1	4-255-243-21	PANEL LOADING		8	A-4752-595-A	MAIN BOARD, COMPLETE	
2	3-363-099-11	SCREW (CASE 3 TP2)		9	X-2022-049-1	FOOT ASSY	
3	4-232-580-91	CASE (408226)		10	3-077-331-01	+BV3 (3-CR)	
4	1-862-181-11	PT BOARD		11	1-829-172-11	WIRE (FLAT TYPE) (31 CORE)	
* 5	3-703-244-00	BUSHING (2104), CORD		12	1-828-333-11	WIRE (FLAT TYPE) (13 CORE)	
△ 6	1-827-597-11	CORD, POWER		△ T101	1-443-403-11	TRANSFORMER, POWER	
* 7	4-954-051-51	HOLDER, PC BOARD		#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	

6-2. FRONT PANEL SECTION



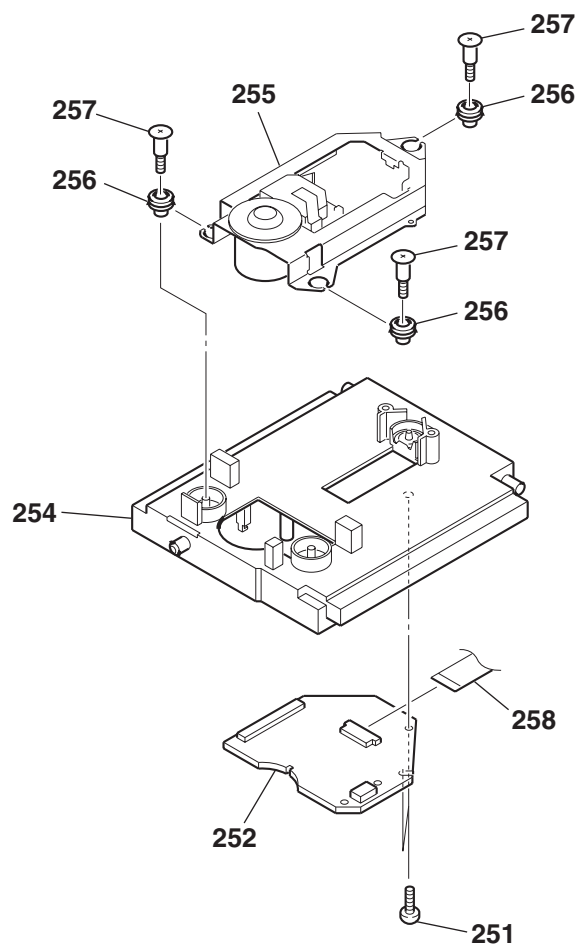
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	4-232-622-21	KNOB (AMS)		56	3-087-053-01	+BVTP2-6 (3CR)	
52	3-354-981-11	SPRING (SUS), RING		57	1-862-179-11	KEY BOARD	
53	X-2022-056-1	PANEL, FRONT ASSY		59	A-4752-665-A	DISPLAY BOARD, COMPLETE	
54	4-255-244-21	BUTTON, POWER		60	4-977-358-01	CUSHION	
55	1-862-182-11	POWER SWITCH BOARD					

6-3. CD MECHANISM DECK SECTION (CDM66D-DVBU50)



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
201	4-227-899-01	SCREW (DIA. 12), FROATING		207	4-232-711-01	GEAR (LD)	
202	1-645-721-11	LOADING BOARD		208	3-053-844-01	YOKE	
203	4-231-530-05	TRAY (66)		209	4-231-529-01	CHASSIS (66)	
204	4-232-712-01	CAM (66)		210	4-232-682-01	CUSHION (66)	
205	4-232-710-01	PULLEY (LD)		M151	A-4604-363-A	MOTOR (L) ASSY (LOADING)	
206	4-232-713-01	BELT (LD)		#2	7-621-775-10	SCREW +B 2.6X4	

6-4. BASE UNIT SECTION (DVBU50)



The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
251	4-218-253-52	SCREW (M2.6), +BTTP		256	3-053-847-31	INSULATOR	
252	A-4750-527-A	RF BOARD, COMPLETE		257	4-981-923-01	SCREW (M), STEP	
254	4-240-953-05	HOLDER (66D)		258	1-824-106-12	CABLE, FLEXIBLE FLAT (24 CORE)	
△ 255	1-478-637-31	OPTICAL TRAVERSE UNIT (DBU-3)					

SECTION 7 ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
All resistors are in ohms.
METAL: Metal-film resistor.
METAL OXIDE: Metal oxide-film resistor.
F: nonflammable

- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
In each case, u : μ , for example:
uA.. : μ A.. uPA.. : μ PA..
uPB.. : μ PB.. uPC.. : μ PC.. uPD.. : μ PD..
- CAPACITORS
uF : μ F
- COILS
uH : μ H

The components identified by mark $\triangle$ or dotted line with mark. $\triangle$ are critical for safety. Replace only with part number specified.

When indicating parts by reference number, please include the board.

Ref. No.	Part No.	Description				Remark	Ref. No.	Part No.	Description				Remark
	A-4752-665-A	DISPLAY BOARD, COMPLETE						< TRANSISTOR >					

	4-949-935-41	CUSHION (FL)					Q821	8-729-027-43	TRANSISTOR	DTC114EKA-T146			
		< CAPACITOR >					Q822	8-729-027-43	TRANSISTOR	DTC114EKA-T146			
							Q823	8-729-027-43	TRANSISTOR	DTC114EKA-T146			
							Q824	8-729-027-43	TRANSISTOR	DTC114EKA-T146			
							Q825	8-729-027-43	TRANSISTOR	DTC114EKA-T146			
C801	1-124-584-00	ELECT	100uF	20%	6.3V								
C802	1-164-156-11	CERAMIC CHIP	0.1uF		25V		Q826	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16			
C803	1-164-156-11	CERAMIC CHIP	0.1uF		25V								
C804	1-164-156-11	CERAMIC CHIP	0.1uF		25V								
C805	1-164-156-11	CERAMIC CHIP	0.1uF		25V								
C806	1-165-319-11	CERAMIC CHIP	0.1uF		50V		R805	1-216-833-11	METAL CHIP	10K	5%	1/10W	
C811	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V		R817	1-216-833-11	METAL CHIP	10K	5%	1/10W	
C812	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V		R818	1-216-833-11	METAL CHIP	10K	5%	1/10W	
C812	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V		R819	1-216-833-11	METAL CHIP	10K	5%	1/10W	
C813	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V		R820	1-216-833-11	METAL CHIP	10K	5%	1/10W	
C816	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V								
C817	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V		R821	1-216-845-11	METAL CHIP	100K	5%	1/10W	
C818	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V		R822	1-216-845-11	METAL CHIP	100K	5%	1/10W	
C818	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V		R823	1-216-845-11	METAL CHIP	100K	5%	1/10W	
C819	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V		R824	1-216-845-11	METAL CHIP	100K	5%	1/10W	
C821	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V		R825	1-216-845-11	METAL CHIP	100K	5%	1/10W	
C822	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V								
C823	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V		R826	1-216-833-11	METAL CHIP	10K	5%	1/10W	
C824	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V		R831	1-216-805-11	METAL CHIP	47	5%	1/10W	
C825	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V		R832	1-216-809-11	METAL CHIP	100	5%	1/10W	
C827	1-165-319-11	CERAMIC CHIP	0.1uF		50V		R841	1-216-821-11	METAL CHIP	1K	5%	1/10W	
C829	1-165-319-11	CERAMIC CHIP	0.1uF		50V		R842	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
C831	1-124-589-11	ELECT	47uF	20%	16V		R843	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
C832	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V		R844	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
							R845	1-216-833-11	METAL CHIP	10K	5%	1/10W	
		< CONNECTOR >					R851	1-216-821-11	METAL CHIP	1K	5%	1/10W	
							R852	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
CN801	1-779-281-11	CONNECTOR, FFC (LIF (NON-ZIF)) 13P											
		< FERRITE BEAD >					R853	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
							R854	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
							R856	1-216-833-11	METAL CHIP	10K	5%	1/10W	
FB801	1-414-595-11	INDUCTOR, FERRITE BEAD					R857	1-216-833-11	METAL CHIP	10K	5%	1/10W	
							R858	1-216-808-11	METAL CHIP	82	5%	1/10W	
		< FLUORESCENT INDICATOR >											
FL801	1-518-992-11	INDICATOR TUBE, FLUORESCENT											
		< IC >					S841	1-771-349-21	SWITCH, KEYBOARD (■)				
							S842	1-771-349-21	SWITCH, KEYBOARD (▷)				
							S843	1-771-349-21	SWITCH, KEYBOARD (■)				
							S844	1-771-349-21	SWITCH, KEYBOARD (◀◀)				
IC801	6-804-318-01	IC uPD780232GC-706-8BT-A					S845	1-771-349-21	SWITCH, KEYBOARD (▶▶)				
IC802	8-759-826-33	IC NJL73H400A											
							S851	1-771-349-21	SWITCH, KEYBOARD (≡)				

Ref. No.	Part No.	Description	Remark		
S855	1-478-268-11	ENCODER, ROTARY (◀◀ AMS ▶▶I, PUSH ENTER)			
< VIBRATOR >					
X801	1-795-058-21	VIBRATOR, CERAMIC (5MHz)			

	1-862-179-11	KEY BOARD *****			
< CONNECTOR >					
CN813	1-506-481-11	PIN, CONNECTOR 2P			
< RESISTOR >					
R861	1-216-821-11	METAL CHIP	1K	5%	1/10W
R862	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R863	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R864	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
< SWITCH >					
S861	1-771-349-21	SWITCH, KEYBOARD (MENU)			
S862	1-771-349-21	SWITCH, KEYBOARD (SA-CD/CD)			
S863	1-771-349-21	SWITCH, KEYBOARD (MULTI/2CH)			
S864	1-771-349-21	SWITCH, KEYBOARD (PLAY MODE)			
S865	1-771-349-21	SWITCH, KEYBOARD (TIME/TEXT)			

LED BOARD *****					
< CAPACITOR >					
C833	1-164-156-11	CERAMIC CHIP	0.1uF		25V
< CONNECTOR >					
CN814	1-506-481-11	PIN, CONNECTOR 2P			
< LED >					
D801	6-500-647-01	LED SEL5E20C-STP15 (MULTI CHANNEL DECORING)			
< RESISTOR >					
R834	1-216-833-11	METAL CHIP	10K	5%	1/10W

	1-645-721-11	LOADING BOARD *****			
< CONNECTOR >					
* CN151	1-568-943-11	PIN, CONNECTOR 5P			
< SWITCH >					
S271	1-572-086-11	SWITCH, LEAF (LOADING OUT)			
S272	1-572-086-11	SWITCH, LEAF (LOADING IN)			

Ref. No.	Part No.	Description	Remark		
	A-4752-595-A	MAIN BOARD, COMPLETE *****			
		< CAPACITOR >			
C201	1-126-916-11	ELECT	1000uF	20%	6.3V
C202	1-126-205-11	ELECT CHIP	47uF	20%	6.3V
C206	1-115-156-11	CERAMIC CHIP	1uF		10V
C208	1-115-156-11	CERAMIC CHIP	1uF		10V
C212	1-128-991-21	ELECT CHIP	10uF	20%	50V
C236	1-115-156-11	CERAMIC CHIP	1uF		10V
C238	1-115-156-11	CERAMIC CHIP	1uF		10V
C242	1-128-991-21	ELECT CHIP	10uF	20%	50V
C266	1-115-156-11	CERAMIC CHIP	1uF		10V
C268	1-115-156-11	CERAMIC CHIP	1uF		10V
C272	1-128-991-21	ELECT CHIP	10uF	20%	50V
C281	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C302	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C303	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C305	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C321	1-162-917-11	CERAMIC CHIP	15PF	5%	50V
C322	1-162-917-11	CERAMIC CHIP	15PF	5%	50V
C324	1-115-156-11	CERAMIC CHIP	1uF		10V
C325	1-126-206-11	ELECT CHIP	100uF	20%	6.3V
C331	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C351	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C362	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C364	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C366	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C402	1-115-416-11	CERAMIC CHIP	0.001uF	5%	25V
C403	1-164-217-11	CERAMIC CHIP	150PF	5%	50V
C404	1-115-156-11	CERAMIC CHIP	1uF		10V
C405	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C406	1-128-992-21	ELECT CHIP	47uF	20%	25V
C432	1-115-416-11	CERAMIC CHIP	0.001uF	5%	25V
C433	1-164-217-11	CERAMIC CHIP	150PF	5%	50V
C434	1-115-156-11	CERAMIC CHIP	1uF		10V
C435	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C436	1-128-992-21	ELECT CHIP	47uF	20%	25V
C462	1-115-416-11	CERAMIC CHIP	0.001uF	5%	25V
C463	1-164-217-11	CERAMIC CHIP	150PF	5%	50V
C464	1-115-156-11	CERAMIC CHIP	1uF		10V
C465	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C466	1-128-992-21	ELECT CHIP	47uF	20%	25V
C502	1-115-416-11	CERAMIC CHIP	0.001uF	5%	25V
C503	1-164-217-11	CERAMIC CHIP	150PF	5%	50V
C504	1-115-156-11	CERAMIC CHIP	1uF		10V
C505	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C506	1-128-992-21	ELECT CHIP	47uF	20%	25V
C532	1-115-416-11	CERAMIC CHIP	0.001uF	5%	25V
C533	1-164-217-11	CERAMIC CHIP	150PF	5%	50V
C534	1-115-156-11	CERAMIC CHIP	1uF		10V
C535	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C536	1-128-992-21	ELECT CHIP	47uF	20%	25V
C562	1-115-416-11	CERAMIC CHIP	0.001uF	5%	25V
C563	1-164-217-11	CERAMIC CHIP	150PF	5%	50V
C564	1-115-156-11	CERAMIC CHIP	1uF		10V
C565	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C566	1-128-992-21	ELECT CHIP	47uF	20%	25V

SCD-XE600

MAIN

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
C701	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C771	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C702	1-125-837-11	CERAMIC CHIP	1uF	10%	6.3V	C772	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C703	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C775	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C704	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C776	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C705	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C777	1-162-915-11	CERAMIC CHIP	10PF	0.5PF	50V
C706	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C778	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C709	1-126-246-11	ELECT CHIP	220uF	20%	4V	C779	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C711	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C780	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C712	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C781	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C713	1-117-681-11	ELECT CHIP	100uF	20%	16V	C782	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C714	1-126-246-11	ELECT CHIP	220uF	20%	4V	C783	1-117-681-11	ELECT CHIP	100uF	20%	16V
C715	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C785	1-126-246-11	ELECT CHIP	220uF	20%	4V
C716	1-117-681-11	ELECT CHIP	100uF	20%	16V	C787	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C721	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C788	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C722	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C789	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C723	1-125-837-11	CERAMIC CHIP	1uF	10%	6.3V	C793	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C726	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	C794	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C727	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V	C795	1-117-681-11	ELECT CHIP	100uF	20%	16V
C729	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	C796	1-117-681-11	ELECT CHIP	100uF	20%	16V
C730	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V	C800	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C731	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V	C804	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C733	1-165-176-11	CERAMIC CHIP	0.047uF	10%	16V	C809	1-164-677-11	CERAMIC CHIP	0.033uF	10%	16V
C734	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C813	1-164-677-11	CERAMIC CHIP	0.033uF	10%	16V
C736	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C814	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V
C737	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C815	1-164-245-11	CERAMIC CHIP	0.015uF	10%	25V
C738	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C816	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C739	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C817	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C740	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C819	1-115-156-11	CERAMIC CHIP	1uF		10V
C741	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C820	1-164-816-11	CERAMIC CHIP	220PF	2%	50V
C742	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C821	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C743	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C822	1-164-816-11	CERAMIC CHIP	220PF	2%	50V
C744	1-115-156-11	CERAMIC CHIP	1uF		10V	C825	1-162-965-11	CERAMIC CHIP	0.0015uF	10%	50V
C745	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C828	1-110-563-11	CERAMIC CHIP	0.068uF	10%	16V
C746	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C829	1-110-563-11	CERAMIC CHIP	0.068uF	10%	16V
C748	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C830	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C749	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C832	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C750	1-115-156-11	CERAMIC CHIP	1uF		10V	C901	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C751	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	C910	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C752	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C920	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C753	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C921	1-128-546-11	ELECT	10000uF	20%	10V
C754	1-126-246-11	ELECT CHIP	220uF	20%	4V	C923	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C755	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C924	1-126-935-11	ELECT	470uF	20%	16V
C756	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C931	1-126-939-11	ELECT	10000uF	20%	16V
C757	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C932	1-126-951-11	ELECT	470uF	20%	35V
C758	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C933	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C759	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C934	1-126-935-11	ELECT	470uF	20%	16V
C760	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C935	1-126-767-11	ELECT	1000uF	20%	16V
C761	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C953	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C762	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C954	1-126-935-11	ELECT	470uF	20%	16V
C763	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C961	1-128-991-21	ELECT CHIP	10uF	20%	50V
C764	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C962	1-164-156-11	CERAMIC CHIP	0.1uF		25V
C765	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C970	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C766	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C971	1-128-552-51	ELECT	47uF	20%	63V
C767	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C972	1-128-991-21	ELECT CHIP	10uF	20%	50V
C768	1-164-156-11	CERAMIC CHIP	0.1uF		25V	C973	1-126-395-11	ELECT CHIP	22uF	20%	16V
C769	1-164-156-11	CERAMIC CHIP	0.1uF		25V						
C770	1-164-156-11	CERAMIC CHIP	0.1uF		25V						

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
< CONNECTOR >				< JACK >			
CN702	1-784-387-11	CONNECTOR, FFC/FPC 31P		J351	1-785-536-11	JACK, PIN 6P (ANALOG 5.1CH OUT)	
CN703	1-793-989-21	FFC/CONNECTOR, FPC (LIF (NON-ZIF)) 13P		< TRANSISTOR >			
CN901	1-784-924-11	PIN, CONNECTOR 8P		Q301	8-729-924-04	TRANSISTOR	DTA143TU
< DIODE >				Q303	8-729-924-04	TRANSISTOR	DTA143TU
D321	8-719-027-76	DIODE 1SS357-TPH3		Q305	8-729-924-04	TRANSISTOR	DTA143TU
D509	8-719-941-09	DIODE DAP202U		Q401	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16
D511	8-719-941-09	DIODE DAP202U		Q402	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16
D921	8-719-053-18	DIODE 1SR154-400TE-25		Q431	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16
D922	8-719-053-18	DIODE 1SR154-400TE-25		Q432	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16
D923	8-719-053-18	DIODE 1SR154-400TE-25		Q462	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16
D924	8-719-053-18	DIODE 1SR154-400TE-25		Q463	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16
D931	8-719-053-18	DIODE 1SR154-400TE-25		Q501	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16
D932	8-719-053-18	DIODE 1SR154-400TE-25		Q502	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16
D933	8-719-053-18	DIODE 1SR154-400TE-25		Q531	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16
D934	8-719-053-18	DIODE 1SR154-400TE-25		Q532	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16
D936	8-719-053-18	DIODE 1SR154-400TE-25		Q562	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16
D937	8-719-053-18	DIODE 1SR154-400TE-25		Q563	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16
D960	8-719-941-86	DIODE DAN202U		Q961	8-729-027-56	TRANSISTOR	DTC143TKA-T146
D961	8-719-941-86	DIODE DAN202U		Q971	8-729-019-72	TRANSISTOR	2SB1260
D963	6-500-696-01	DIODE UDZSTE-173.0B		< RESISTOR >			
D971	8-719-053-18	DIODE 1SR154-400TE-25		R201	1-216-833-11	METAL CHIP	10K 5% 1/10W
D972	8-719-083-87	DIODE UDZSTE-1733B		R202	1-216-839-11	METAL CHIP	33K 5% 1/10W
D973	8-719-069-60	DIODE UDZSTE-179.1B		R321	1-216-857-11	METAL CHIP	1M 5% 1/10W
< GROUND TERMINAL >				R322	1-216-864-11	SHORT CHIP	0 5% 1/10W
ETP910	1-537-771-21	TERMINAL BOARD, GROUND		R323	1-216-821-11	METAL CHIP	1K 5% 1/10W
< FERRITE BEAD >				R324	1-216-809-11	METAL CHIP	100 5% 1/10W
FB201	1-500-283-11	INDUCTOR, FERRITE BEAD		R326	1-216-801-11	METAL CHIP	22 5% 1/10W
FB703	1-414-595-11	INDUCTOR, FERRITE BEAD		R328	1-216-801-11	METAL CHIP	22 5% 1/10W
FB710	1-414-595-11	INDUCTOR, FERRITE BEAD		R330	1-216-801-11	METAL CHIP	22 5% 1/10W
< FILTER >				R404	1-216-827-11	METAL CHIP	3.3K 5% 1/10W
FL606	1-234-177-21	FILTER, CHIP EMI		R407	1-216-845-11	METAL CHIP	100K 5% 1/10W
< IC >				R408	1-216-815-11	METAL CHIP	330 5% 1/10W
IC200	6-703-420-01	IC DSD1751DBQR		R409	1-216-813-11	METAL CHIP	220 5% 1/10W
IC230	6-703-420-01	IC DSD1751DBQR		R411	1-216-809-11	METAL CHIP	100 5% 1/10W
IC260	6-703-420-01	IC DSD1751DBQR		R434	1-216-827-11	METAL CHIP	3.3K 5% 1/10W
IC320	8-759-549-25	IC SN74LVU04APWR		R437	1-216-845-11	METAL CHIP	100K 5% 1/10W
IC330	6-600-012-01	IC TOTX141L (DIGITAL (CD), OUT OPTICAL)		R438	1-216-815-11	METAL CHIP	330 5% 1/10W
IC400	8-759-710-97	IC NJM4565M-D		R439	1-216-813-11	METAL CHIP	220 5% 1/10W
IC430	8-759-710-97	IC NJM4565M-D		R464	1-216-827-11	METAL CHIP	3.3K 5% 1/10W
IC460	8-759-710-97	IC NJM4565M-D		R467	1-216-845-11	METAL CHIP	100K 5% 1/10W
IC701	8-759-636-64	IC M51957BFP-600C		R468	1-216-815-11	METAL CHIP	330 5% 1/10W
* IC702	6-703-671-01	IC BR9040F-WE2		R469	1-216-813-11	METAL CHIP	220 5% 1/10W
IC703	6-700-398-01	IC uPC2918T-E1		R504	1-216-827-11	METAL CHIP	3.3K 5% 1/10W
IC705	6-805-043-01	IC HD6432238RN57TEV		R507	1-216-845-11	METAL CHIP	100K 5% 1/10W
IC706	8-752-420-59	IC CXD2754Q		R508	1-216-815-11	METAL CHIP	330 5% 1/10W
IC708	6-705-992-11	IC HY57V161610ETP-7DR		R509	1-216-813-11	METAL CHIP	220 5% 1/10W
IC712	6-702-157-01	IC FAN8035L		R511	1-216-809-11	METAL CHIP	100 5% 1/10W
IC920	6-705-463-01	IC BA33BC0T		R534	1-216-827-11	METAL CHIP	3.3K 5% 1/10W
IC950	6-705-469-01	IC BA50BC0FP-E2		R537	1-216-845-11	METAL CHIP	100K 5% 1/10W
IC985	8-759-460-81	IC BA12FP-E2		R538	1-216-815-11	METAL CHIP	330 5% 1/10W
				R539	1-216-813-11	METAL CHIP	220 5% 1/10W
				R564	1-216-827-11	METAL CHIP	3.3K 5% 1/10W
				R567	1-216-845-11	METAL CHIP	100K 5% 1/10W
				R568	1-216-815-11	METAL CHIP	330 5% 1/10W

SCD-XE600

MAIN **POWER SWITCH** **PT**

Ref. No.	Part No.	Description			Remark
R569	1-216-813-11	METAL CHIP	220	5%	1/10W
R701	1-216-821-11	METAL CHIP	1K	5%	1/10W
R702	1-216-833-11	METAL CHIP	10K	5%	1/10W
R703	1-216-833-11	METAL CHIP	10K	5%	1/10W
R707	1-216-821-11	METAL CHIP	1K	5%	1/10W
R708	1-216-809-11	METAL CHIP	100	5%	1/10W
R731	1-216-833-11	METAL CHIP	10K	5%	1/10W
R752	1-216-864-11	SHORT CHIP	0		
R781	1-216-821-11	METAL CHIP	1K	5%	1/10W
R782	1-216-841-11	METAL CHIP	47K	5%	1/10W
R783	1-216-833-11	METAL CHIP	10K	5%	1/10W
R791	1-216-805-11	METAL CHIP	47	5%	1/10W
R804	1-216-815-11	METAL CHIP	330	5%	1/10W
R806	1-216-150-11	RES-CHIP	10	5%	1/8W
R819	1-216-847-11	METAL CHIP	150K	5%	1/10W
R820	1-216-847-11	METAL CHIP	150K	5%	1/10W
R831	1-216-833-11	METAL CHIP	10K	5%	1/10W
R840	1-216-845-11	METAL CHIP	100K	5%	1/10W
R846	1-216-842-11	METAL CHIP	56K	5%	1/10W
R852	1-216-845-11	METAL CHIP	100K	5%	1/10W
R853	1-216-842-11	METAL CHIP	56K	5%	1/10W
R857	1-218-883-11	METAL CHIP	33K	0.5%	1/10W
R858	1-216-846-11	METAL CHIP	120K	5%	1/10W
R860	1-216-855-11	METAL CHIP	680K	5%	1/10W
R861	1-216-850-11	METAL CHIP	270K	5%	1/10W
R865	1-216-842-11	METAL CHIP	56K	5%	1/10W
R866	1-216-839-11	METAL CHIP	33K	5%	1/10W
R869	1-216-842-11	METAL CHIP	56K	5%	1/10W
R870	1-216-839-11	METAL CHIP	33K	5%	1/10W
R871	1-216-833-11	METAL CHIP	10K	5%	1/10W
R872	1-216-833-11	METAL CHIP	10K	5%	1/10W
R874	1-218-883-11	METAL CHIP	33K	0.5%	1/10W
R876	1-216-844-11	METAL CHIP	82K	5%	1/10W
R877	1-216-853-11	METAL CHIP	470K	5%	1/10W
R878	1-216-853-11	METAL CHIP	470K	5%	1/10W
R880	1-216-845-11	METAL CHIP	100K	5%	1/10W
R885	1-216-835-11	METAL CHIP	15K	5%	1/10W
R886	1-216-844-11	METAL CHIP	82K	5%	1/10W
R888	1-216-835-11	METAL CHIP	15K	5%	1/10W
R889	1-216-864-11	SHORT CHIP	0		
R892	1-218-896-11	METAL CHIP	110K	0.5%	1/10W
R893	1-218-896-11	METAL CHIP	110K	0.5%	1/10W
R894	1-216-842-11	METAL CHIP	56K	5%	1/10W
R895	1-216-842-11	METAL CHIP	56K	5%	1/10W
R897	1-216-853-11	METAL CHIP	470K	5%	1/10W
R899	1-216-849-11	METAL CHIP	220K	5%	1/10W
R961	1-216-821-11	METAL CHIP	1K	5%	1/10W
R962	1-216-821-11	METAL CHIP	1K	5%	1/10W
R963	1-216-821-11	METAL CHIP	1K	5%	1/10W
R971	1-216-833-11	METAL CHIP	10K	5%	1/10W
R972	1-216-833-11	METAL CHIP	10K	5%	1/10W
R973	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R975	1-216-839-11	METAL CHIP	33K	5%	1/10W
R976	1-216-809-11	METAL CHIP	100	5%	1/10W
R977	1-216-809-11	METAL CHIP	100	5%	1/10W
R978	1-216-837-11	METAL CHIP	22K	5%	1/10W
R979	1-216-833-11	METAL CHIP	10K	5%	1/10W

Ref. No.	Part No.	Description	Remark
		< COMPOSITION CIRCUIT BLOCK >	
RB301	1-233-414-11	RES, CHIP NETWORK	4.7K (3216)
RB302	1-233-873-21	RES, CHIP NETWORK	220K (3216)
RB402	1-233-419-21	RES, CHIP NETWORK	6.8K (3216)
RB410	1-233-413-11	RES, CHIP NETWORK	2.2K (3216)
RB432	1-233-419-21	RES, CHIP NETWORK	6.8K (3216)
RB441	1-233-413-11	RES, CHIP NETWORK	2.2K (3216)
RB442	1-233-413-11	RES, CHIP NETWORK	2.2K (3216)
RB462	1-233-419-21	RES, CHIP NETWORK	6.8K (3216)
RB502	1-233-419-21	RES, CHIP NETWORK	6.8K (3216)
RB532	1-233-419-21	RES, CHIP NETWORK	6.8K (3216)
RB562	1-233-419-21	RES, CHIP NETWORK	6.8K (3216)
RB601	1-236-908-11	RES, CHIP NETWORK	10K (3216)
RB602	1-233-412-11	RES, CHIP NETWORK	1.0K (3216)
RB603	1-233-577-11	RES, CHIP NETWORK	470 (3216)
RB604	1-233-414-11	RES, CHIP NETWORK	4.7K (3216)
RB605	1-236-908-11	RES, CHIP NETWORK	10K (3216)
RB606	1-236-908-11	RES, CHIP NETWORK	10K (3216)
RB607	1-236-908-11	RES, CHIP NETWORK	10K (3216)
RB609	1-236-908-11	RES, CHIP NETWORK	10K (3216)
RB610	1-233-578-11	RES, CHIP NETWORK	47K (3216)
RB611	1-236-908-11	RES, CHIP NETWORK	10K (3216)
RB612	1-236-908-11	RES, CHIP NETWORK	10K (3216)
RB613	1-236-908-11	RES, CHIP NETWORK	10K (3216)
RB615	1-233-577-11	RES, CHIP NETWORK	470 (3216)
RB616	1-233-577-11	RES, CHIP NETWORK	470 (3216)
RB617	1-233-577-11	RES, CHIP NETWORK	470 (3216)
		< VIBRATOR >	
X321	1-795-535-21	VIBRATOR, CRYSTAL (11.2896MHz)	

	1-862-182-11	POWER SWITCH BOARD	

		< CAPACITOR >	
△ C891	1-113-920-11	CERAMIC	0.0022uF 20% 250V
		< CONNECTOR >	
* CN891	1-580-230-31	PIN, CONNECTOR (PC BOARD) 2P	
		< SWITCH >	
△ S891	1-762-581-11	SWITCH, AC POWER PUSH (1 KEY) (POWER)	

	1-862-181-11	PT BOARD	

		< CAPACITOR >	
△ C101	1-113-920-11	CERAMIC	0.0022uF 20% 250V
		< CONNECTOR >	
* CN101	1-568-226-11	PIN, CONNECTOR (3.96mm PITCH) 2P	

The components identified by mark △ or dotted line with mark △ are critical for safety.
Replace only with part number specified.

REVISION HISTORY

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