

CFD-750L/760L

SERVICE MANUAL

AEP Model

CFD-750L/760L

UK Model

CFD-750L



Photo : CFD-750L

MEGA BASS

SPECIFICATIONS

CD player section

System	Compact disc digital audio system
Laser diode properties	Material: GaAlAs Wavelength 780nm Emission duration: Continuous Laser output: Less than 44.6μW*
	* This output is the value measured at a distance of about 200mm from the objective lens surface on the optical pick-up block.
Spindle speed	200 r.p.m. to 500 r.p.m. (CLV)
Error correction	Sony Super Strategy Cross Interleave Read Solomon Code
Number of channels	2
Frequency response	20—20,000Hz ± 0.2 dB
Wow and flutter	Below measurable limit

CLASS 1 LASER PRODUCT
LUOKAN 1 LASERLAITE
KLASS 1 LASERAPPARAT

This Compact Disc player is classified as a CLASS 1 LASER product. The CLASS 1 LASER PRODUCT label is located on the rear exterior.

Radio section

Frequency range	FM : 87.6—107MHz (AEP, WG, UK models) 87.5—108MHz (IT model) MW: 531—1,602kHz LW : 153—279kHz
Intermediate frequency	FM : 10.7MHz MW/LW : 450kHz
Antennas	FM/SW: Telescopic antenna MW/LW: Built-in ferrite bar antenna

Model Name Using Similar Mechanism		CD Section	CFS-454
		Tape Section	CFS-W505 CFS-60
Optical Device Name		KSM-210BAN	
Tape Transport Mechanism Type	CFD-750L	DECK A :	MF-D750PB-64
		DECK B :	MF-D750RP-64
	CFD-760L	DECK A :	MF-D750PB-64
		DECK B :	MF-D760RP-63

Tape recorder section and general

Recording system	4-track 2-channel stereo
Frequency response	80—10,000 Hz
Speakers	Two-way speakers: Full-range: 10 cm dia., cone type Woofer: 8 cm dia.
Inputs	MIX MIC jack (monaural minijack): Sensitivity 2.5 mV. for low impedance microphone
Outputs	Headphones jack (stereo minijack) for 16—68 ohm impedance headphones
Maximum power output	5.5W + 5.5W (at 3.2 ohms, 10% harmonic distortion)
Power requirements	15 V DC, ten R20 (size D) batteries Clock/timer/memory: 4.5 V DC three R6 (size AA) batteries

European model	220 V AC, 50 Hz
United Kingdom model	240 V AC, 50 Hz

— continued on next page —



CD RADIO CASSETTE-CORDER
SONY®

TABLE OF CONTENTS

Power consumption 35 W

Battery life

Batteries	FM continuous recording	Playback
Sony SUM-1 (NS)	Approx. 9 hours	Approx. 4 hours
Sony AM-1 (N) alkaline	Approx. 16 hours	Approx. 8 hours

For clock/timer/memory: Approx. 1 year

Dimensions 696 × 255 × 236 mm (w/h/d)
(27½ × 10¼ × 9¾ inches)
not incl. projecting parts and controls

Weight Approx. 9.4kg, incl. batteries
(Approx. 20 lb 12 oz)

Supplied accessory AC power cord (1)
Remote commander RMT-C760 (1)
(for CFD-760L only)

Design and specifications subject to change without notice.

Note

This appliance conforms with EEC Directive 87/308/EEC regarding interference suppression.

Features

Memory preset tuning

A total of 20 stations can be stored in any order.

High quality sound

- The Sony MEGA BASS system produces a powerful bass.
- By pressing the SPACE SOUND button, depth and spaciousness can be added to the original sound.

A high performance, high fidelity CD player with many functions

- An 8 cm (3-inch) CD can be played without using an adaptor.
- Repeat function allows playing either the entire disc or a single selection.
- Program play for playing selections in the order desired.
- Shuffle play for playing selections repeatedly in random order.
- A synchronized CD starting system for recording.
- An automatic editing function—The CD player automatically edits the selections on a CD depending on the tape length.

Digital clock timer



- You can listen to CD, radio or a taped program (for CFD-760L only) at a preset time.
- You can record CD or radio programs at a preset time. (for CFD-760L only)

Others

- High or normal speed tape dubbing
- CFD-760L are supplied with a remote commander.

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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 breakdown because of the potential difference generated by the charged electrostatic load, etc. on clothing and the human body.

During repair, pay attention to electrostatic breakdown 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.

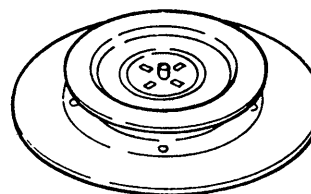
NOTES ON LASER DIODE EMISSION CHECK

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 more than 25cm away from the objective lens.

CHUCK PLATE JIG ON REPAIRING

On repairing CD section, playing a disc without the CD lid, use Chuck Plate Jig.

- Code number of Chuck Plate Jig : X-4918-255-1

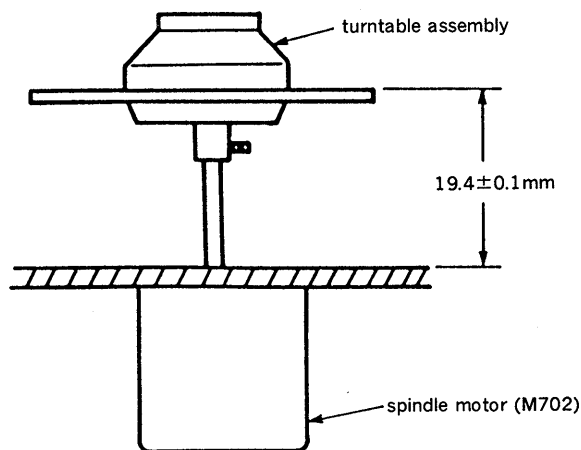


NOTE ON REPAIRING

The spindle motor (M702) and the turntable assembly are individually supplied as repair parts.

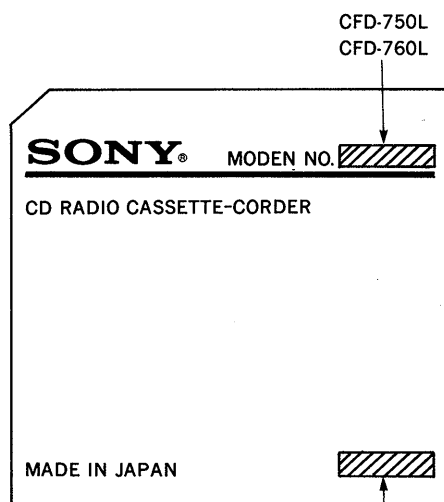
When repairing M702, please order the turntable assembly together.

Dimension is as follows.



MODEL IDENTIFICATION

— Specification Labels —



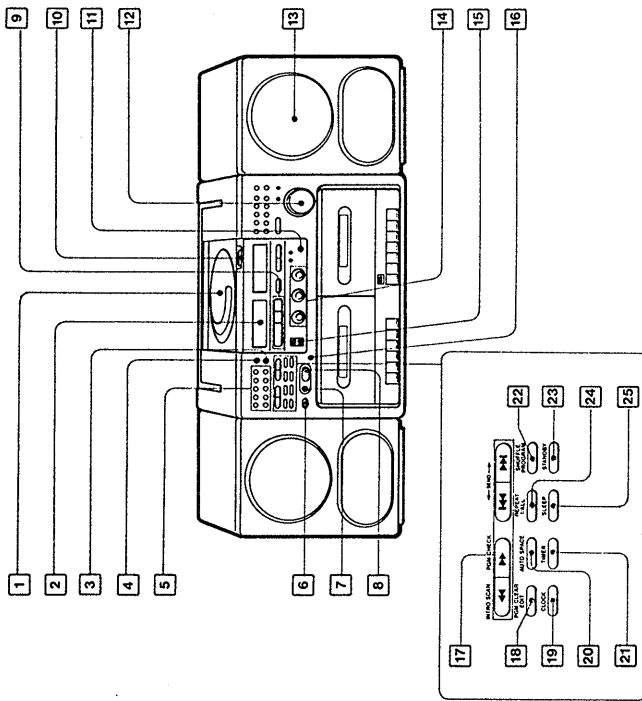
CFD-750L AEP MODEL : 3-363-237-01
 UK MODEL : 3-363-235-01
 WG MODEL : 3-363-238-01
 IT MODEL : 3-363-233-01
 CFD-760L AEP MODEL : 3-363-234-01
 IT MODEL : 3-363-236-01

SECTION 2 GENERAL

Parts Identification

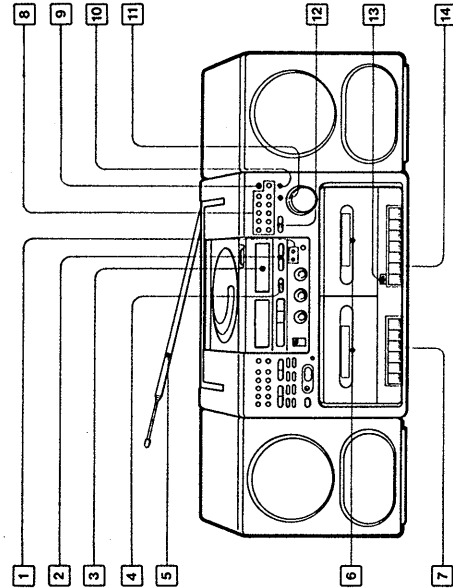
Refer to the pages indicated in ● for details.

CD Player Section • Clock/Timer Section



- 1 Disc holder
- 2 CD/TIMER/CLOCK MULTI OPERATION DISPLAY window ② ③
- 3 +10 (second digit)/AM/PM* button ④
- 4 *AM/PM for CFD-750S/760S only
- 5 DISPLAY button ⑤
- 6 Number buttons for direct selection/clock/timer ⑥ ⑦ ⑧
- 7 POWER switch
- 8 ON/OFF (TIMER/SLEEP)
- 9 ON/STANDBY (TIMER/SLEEP)
- 10 PHONES (headphones) jack (stereo mini) jack
- 11 When the headphones are connected to the jack, the sound from the speakers does not come out.
- 12 Remote sensor (for CFD-760S/760L only)
- 13 CD operation buttons ⑨
- 14 > (play)
- 15 < (pause)
- 16 (stop)
- 17 OPEN button ⑩
- 18 SPACE SOUND button (ON/OFF) ⑪
- 19 VOLUME control
- 20 SPOKER (full-range)
- 21 ROTARY EQUALIZER controls ⑫
- 22 FUNCTION selector
- 23 CD: For listening to or recording the sound
- 24 TUNER: For listening to or recording radio programs
- 25 DUBBING: For dubbing
- 26 TAPE: For playing back the tape
- 27 TIMER STANDBY indicator (for CFD-750L/760L only) ⑬

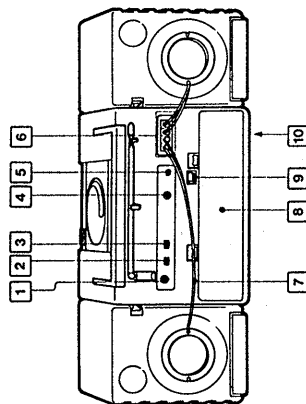
Radio Cassette-Corder Section



- 1 OPER/BATT (operation/battery) indicator ①
- 2 REV/FWD (reverse/forward) tape transport direction indicators (for CFD-760S/760L only) ②
- 3 TUNING buttons ③
- 4 TUNER OPERATION DISPLAY window ④
- 5 BAND selecting button ⑤
- 6 Telescopic antenna ⑥
- 7 Cassette holder
- 8 Tape operation buttons (Deck A)
 - ▶ STOP/EJECT
 - ▶ HI-SPEED DUB (dubbing)
 - ▶ PLAY
 - ▶ REW (rewind)
 - ▶ FF (fast forward)
 - ▶ PAUSE
 - ▶ Preset tuning buttons ⑧ ⑨
 - ▶ MEMORY button ⑩
- 9 TUNING indicator ⑪
- 10 FM ST (stereo) indicator ⑫
- 11 SW-BAND button (for CFD-750S/760S only) ⑬
- 12 DIR (direction) MODE selector (for CFD-760S/760L only) ⑭
- 13 Tape operation buttons (Deck B)
 - ▶ STOP/EJECT
 - ▶ REC
 - ▶ PLAY
 - ▶ REW (rewind)
 - ▶ FF (fast forward)
 - ▶ PAUSE
- 14 For CFD-760S/760L
 - ▶ DIR (tape transport direction)
 - ▶ REC
 - ▶ PLAY
 - ▶ CUE/REVIEW (leftward fast winding) function
 - ▶ CUE/REVIEW (rightward fast winding) function
 - ▶ PAUSE
 - ▶ STOP/EJECT

This section is extracted from instruction manual.

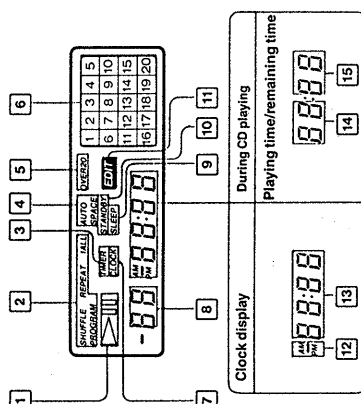
Rear Panel



- 1 EXT ANT (external antenna) (PAL) terminal (for the CFD-750L/760L, available in European countries except for W. Germany, Italy and the United Kingdom)
- 2 FM SENS selector
- 3 MW TUNING INTERVAL selector (for CFD-750S/760S only)
- 4 MIX MIC (mixing microphone) jack (mini-jack)
- 5 CFD-750S/760S: ISS (interference suppress switch) switch/FM stereo-mono
- 6 SPEAKER OUTPUT terminals (R/L)
- 7 Speaker cord
- 8 Battery compartment
- 9 AC IN (AC power input) socket
- 10 VOLTAGE SELECTOR (for CFD-750S/760S only) (bottom)

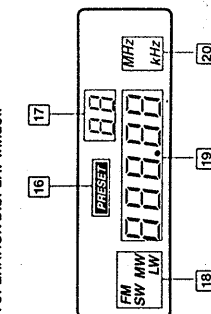
Display Section

CD/TIMER/CLOCK MULTI OPERATION DISPLAY window



- 1 Play/pause indication
- 2 Playing mode indication
- 3 TIMER indication
- 4 AUTO SPACE indication
- 5 OVER 20 indication
- 6 Music calendar
- 7 CLOCK indication
- 8 Selection number/number of selections
- 9 SLEEP indication
- 10 EDIT indication
- 11 AM, PM indication
- 12 Current time (hour, minute)
- 13 STEP/MIN (playing order/minute)
- 14 SEC (second)

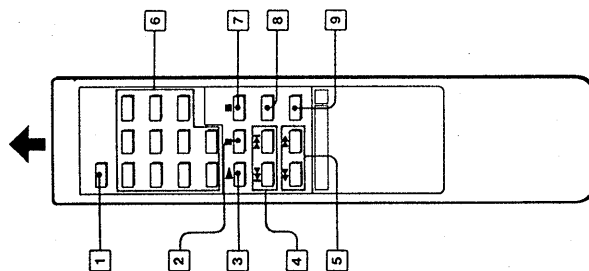
TUNER OPERATION DISPLAY window



- 15 PRESET indication
- 16 Preset number indication
- 17 FM, SW, MW, LW indication
- 18 Frequency, kHz indication
- 19 MHz, kHz indication

Remote commander RMT-C760 (for CFD-760S/760L only)

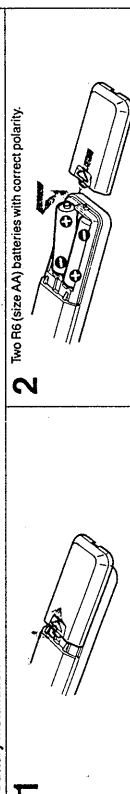
Toward remote sensor



This remote commander works for the CD and TUNER sections.

- 1 BAND selecting button
- 2 II (pause) button
- 3 (play) button
- 4 (selection search) buttons
- 5 (manual search) buttons
- 6 Number buttons for direct selection (CD)/preset station
- 7 (stop) button
- 8 SHUFFLE button
- 9 REPEAT (repeat 1/all) button

Battery Installation



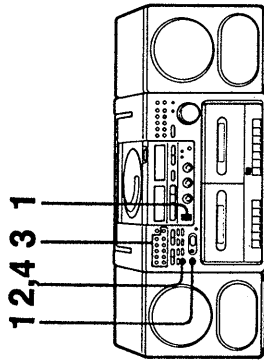
Two RS (size AA) batteries with correct polarity.






Notes on the remote commander

- Keep the commander away from extremely hot or humid places.
- To avoid malfunction, do not simultaneously depress two or more buttons.
- When the battery is exhausted, the commander will not operate the CFD-760S/760L. In this case, replace the batteries with new ones.
- In normal operation, battery life is up to half a year.

Setting the Clock

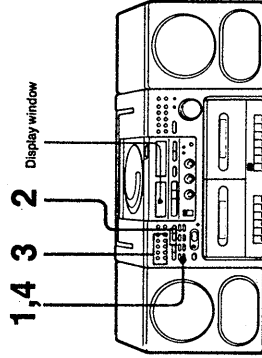
R6 (size AA) batteries for clock/timer/memory should be inserted into the battery compartment.


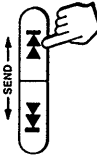




1 Press POWER (ON/OFF or STANDBY), or set FUNCTION to a position other than "CD".  OR 	2 Press CLOCK for about 4 seconds until the CLOCK indication appears in the display window. 	3 Press the number buttons to enter the hour and then the minute. If the hour and/or minute has one digit, be sure to press 0 before the number. Select AM or PM by +10/AM/PM. (for CFD-750S/760S only) Example: To set to PM 8:45. 	4 Press CLOCK again. The moment you release the button, the clock starts. 
AM 12:00	CLOCK AM - 2:00	CLOCK 0:00 → "08-0" → "08-4" → "08:45" → "08:45" → "08:45" "-" shows the position where the next number will be entered.	PM 8:45

To Change One Digit

Example: To change AM 1:01 to AM 1:00.



1 Press for about 4 seconds until the CLOCK indication appears in the display window. 	2 Press the left arrow button three times until "-" comes to the last digit.  "-" shows the position where the next number will be entered. "-" moves to the left by pressing the right arrow button.	3 Press the number button. 	4 Press CLOCK again. The moment you release the button the clock starts. 
CLOCK AM - 1:01	CLOCK 0:00 → "01-1" → "01-0" → "01:00" → "01:00"	CLOCK AM 0:00	AM 1:00

Clock system

24-hour system (CFD-750L/760L)	0:00=midnight 12:00=noon
12-hour system (CFD-750S/760S)	AM12:00=midnight PM12:00=noon

The sketches of the clock display show those of CFD-750S/760S.

To set seconds exactly

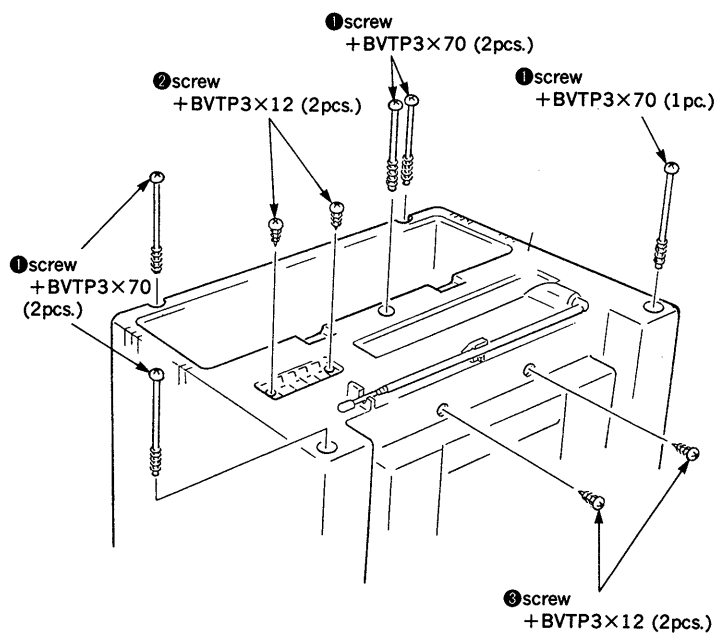
Ex.: To set the clock to PM7:00 (00 seconds)
Set the clock to PM6:59; then continue to keep CLOCK down. At a signal indicating the exact hour (ex. a radio broadcast or telephone "time" service), release the button.

To check the current time

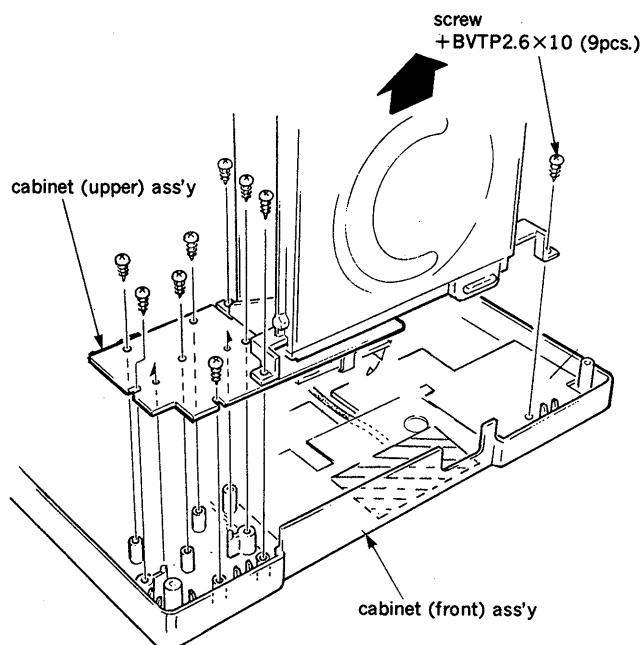
The display window shows the current time except when the CD playing. To check the time when the FUNCTION selector is set to "CD", press the CLOCK button.

SECTION 3 DISASSEMBLY

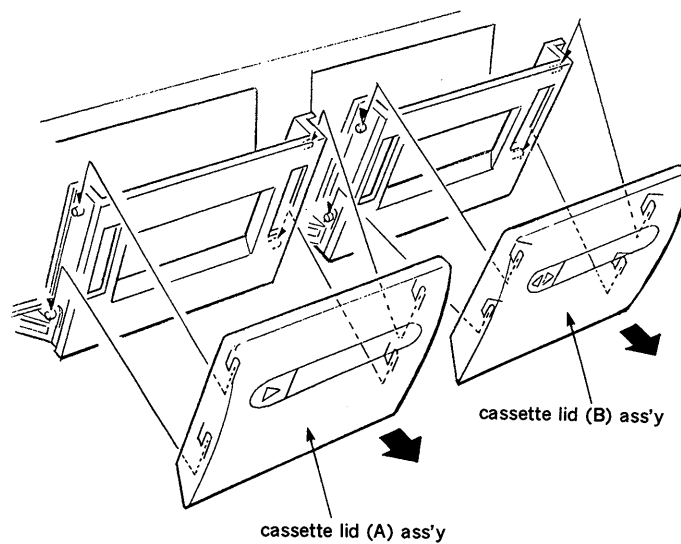
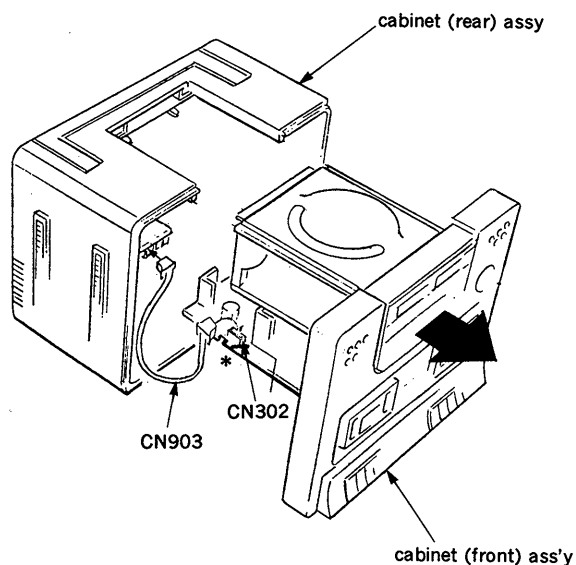
3-1. CABINET (FRONT) ASS'Y



3-2. CABINET (UPPER) ASS'Y

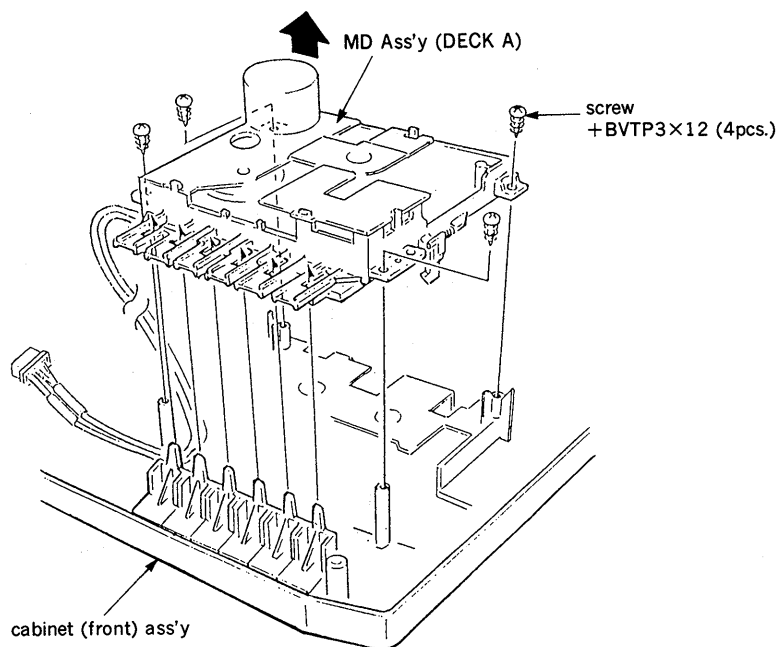


- ① Remove the cabinet (front) ass'y to arrow DIRECTION
- ② Remove the 4P connector CN903 from both side

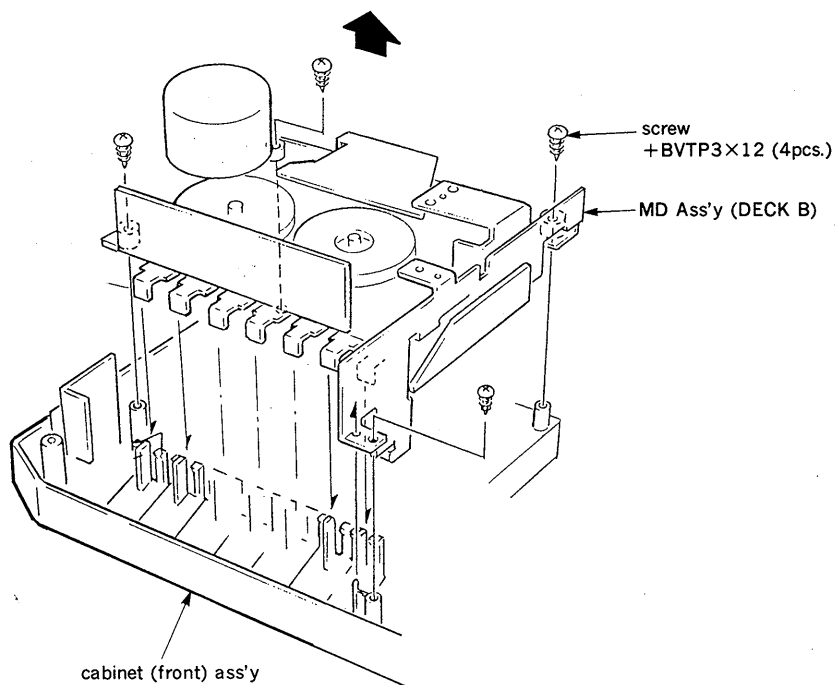


* Please note that when CN903 connects to CN302.
CN903 lead wire should be put into a notch of printed circuit BOARD
and bend the lead pin to hold the CN903 lead wire.

3-3. MD ASSY (DECK A)



3-4. MD ASSY (DECK B)



SECTION 4 MECHANICAL ADJUSTMENTS

PRECAUTION

- Clean the following parts with a denatured-alcohol-moistened swab :

record/playback head	pinch roller
erase head	rubber belts
capstan	idlers
- Demagnetize the record/playback head with a head demagnetizer. (Do not bring the head demagnetizer close to the erase head.)
- Do not use a magnetized screwdriver for the adjustments.
- After the adjustments, apply suitable locking compound to the parts adjusted.
- The adjustments should be performed with the rated power supply voltage unless otherwise noted.
- Power supply voltage: 15V dc.

Torque Measurement

[DECK A] CFD-760L, CFD-750L. [DECK B] CFD-750L

Torque	Torque meter	Meter reading
Forward	CQ-102C	22–55g•cm (0.31–0.76 oz•inch)
Forward back tension	CQ-102C	2–5g•cm (0.03–0.07 oz•inch)
Fast Forward and Rewind	CQ-201B	more than 45g•cm more than 0.62 oz•inch)

[DECK B] CFD-760L

Torque	Torque meter	Meter reading
Forward	CQ-102C	28–60g•cm (0.39–0.83 oz•inch)
Forward back tension	CQ-102C	2–5g•cm (0.03–0.07 oz•inch)
Reverse	CQ-102RC	28–60g•cm (0.39–0.83 oz•inch)
Reverse back tension	CQ-102RC	2–5g•cm (0.03–0.07 oz•inch)
Fast Forward and Rewind	CQ-201B	55–100 g•cm (0.76–1.39 oz•inch)

Tape Tension Measurement

[DECK A] CFD-760L, CFD-750L. [DECK B] CFD-750L

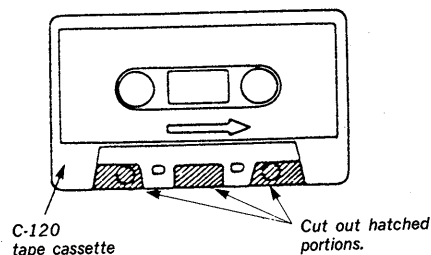
Meter	Meter Reading
CQ-403A	more than 100g (more than 3.53 oz)

[DECK B] CFD-760L

Mode	Meter	Meter Reading
Forward	CQ-403A	more than 100g (more than 3.53 oz)
Reverse	CQ-403R	

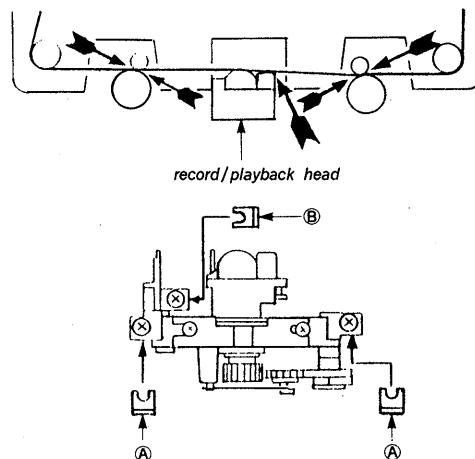
Head Height Adjustment

- Use CQ-009C (Part No. 8-909-708-01) or prepare an adjustment cassette as shown below.



- In playback mode and viewing from the front, adjust the head heights to eliminate tape curl and tape twist at portions shown by arrows.

• DECK B CFD-760L



head height adjustment shim

	Part No.	t		Part No.	t
(A)	3-336-274-01	0.1	(B)	4-932-603-01	0.1
	3-336-274-11	0.2		4-932-603-11	0.2

SECTION 5 ELECTRICAL ADJUSTMENTS

5-1. TAPE RECORDER SECTION

Standard Input Level

Input terminal	MIX MIC IN
source impedance	300Ω
input signal level	-50dB

Standard Output Level

Output terminal	SP OUT	HP OUT
load impedance	3.2Ω	32Ω
output signal level	0.775V (0dB)	0.25V (-10dB)

Test Tape

Type	Signal	Used for
WS-48A	3kHz, 0dB	tape speed adjustment
P-4-A063	6.3kHz, -10dB	head azimuth adjustment

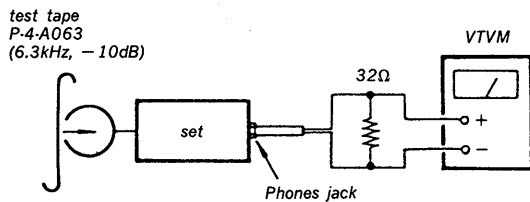
Head Azimuth Adjustment **DECK B** CFD-760L

Perform adjustments in both forward and reverse playback modes for DECK B.

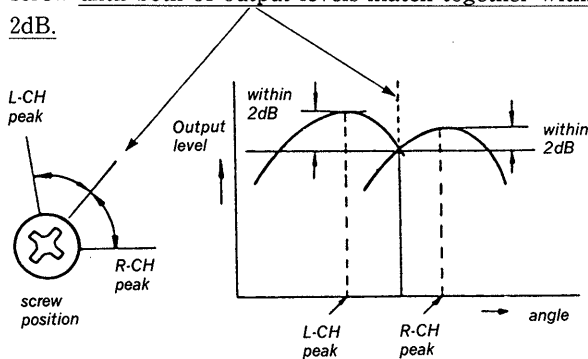
Output level of both forward and reverse playback modes should match together.

Procedure :

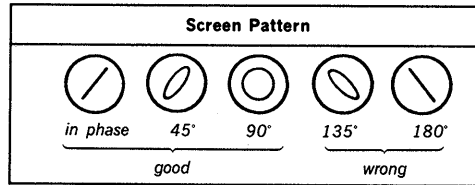
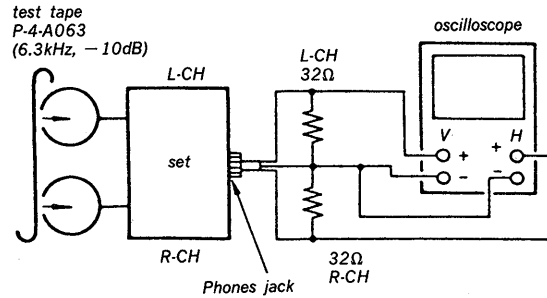
1. Mode : playback



2. Turn the adjustment screw for the maximum output levels. If these levels do not match, turn the adjustment screw until both of output levels match together within 2dB.



3. Phase Check
Mode : playback

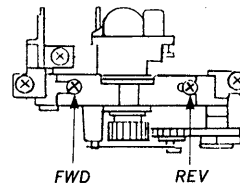


Note : Finish the screw adjustment with a turn in the clockwise direction.

After the adjustment, apply suitable locking compound to the adjustment screw.

Adjustment Location :

• DECK B CFD-760L

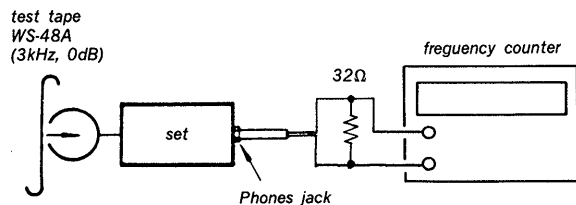


Tape Speed Adjustment **DECK A** **DECK B**

Procedure :

- Perform high speed adjustment before normal speed adjustment.

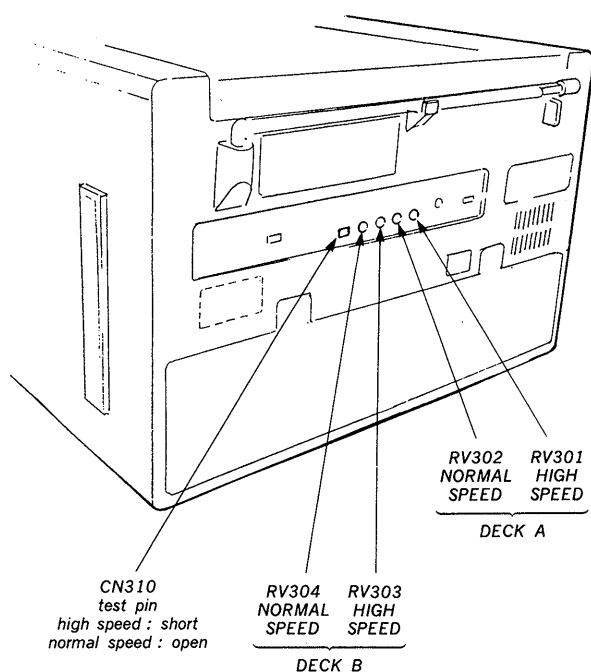
Mode : playback



Speed	Test pin (CN310)	Deck	Adjustment point	Frequency counter
High	short	A	RV301	5980–6020Hz
		B	RV303	
Normal	open	A	RV302	2990–3010Hz
		B	RV304	

Frequency difference between the beginning and the end of the tape should be within $\pm 1.5\%$.

Adjustment Location :



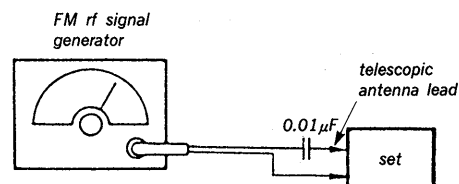
5-2. RADIO SECTION

• FM Section

Setting :

FUNCTION switch : TUNER

BAND selection button : FM



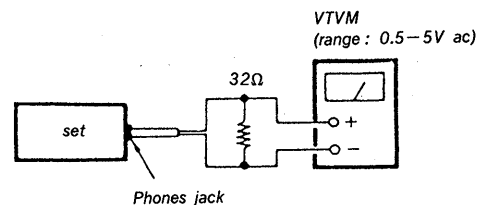
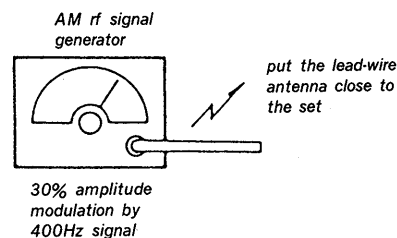
$\pm 22.5\text{kHz}$ frequency deviation
by 400Hz signal
output level : as low as possible

• AM Section

Setting :

FUNCTION switch : TUNER

BAND selection button : AM



- Repeat the procedures in each adjustment several times, and the frequency coverage and tracking adjustments should be finally done by the trimmer capacitors.

FM FREQUENCY COVERAGE ADJUSTMENT

Adjust for specifications on digital voltmeter at CN315 ⑤ pin (VT).

L2	87.5MHz	$3.60 \pm 0.1\text{V}$
(confirmation)	108MHz	$9.5 \pm 1.2\text{V}$ (check)

FM TRACKING ADJUSTMENT

Adjust for a maximum reading on VTVM.

L1	87.5MHz
CT1	108MHz

MW FREQUENCY COVERAGE ADJUSTMENT		
Adjust for specifications on digital voltmeter at CN315 ⑤ pin (VT).		
T4	531kHz	$0.8 \pm 0.1V$
(confirmation)	1,611kHz	$8.6 \pm 0.5V$ (check)

LW FREQUENCY COVERAGE ADJUSTMENT		
Adjust for specifications on digital voltmeter at CN315 ⑤ pin (VT).		
T5	153kHz	$1.8 \pm 0.1V$
(confirmation)	279kHz	$6.8 \pm 0.5V$

MW TRACKING ADJUSTMENT	
Adjust for a maximum reading on VTVM.	
L4	621kHz
CT5	1,404kHz

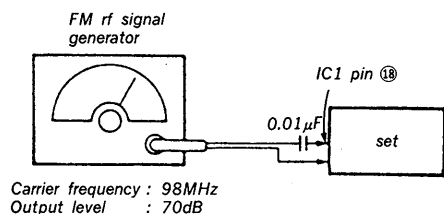
LW TRACKING ADJUSTMENT	
Adjust for a maximum reading on VTVM.	
L5	162kHz
CT6	261kHz

• FM STEREO VCO Adjustment

Setting :

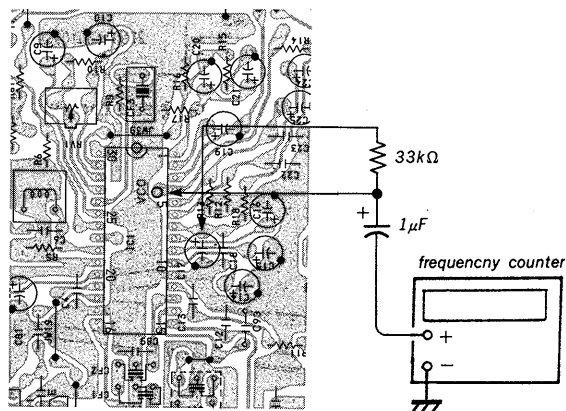
BAND selection button : FM

Procedure :

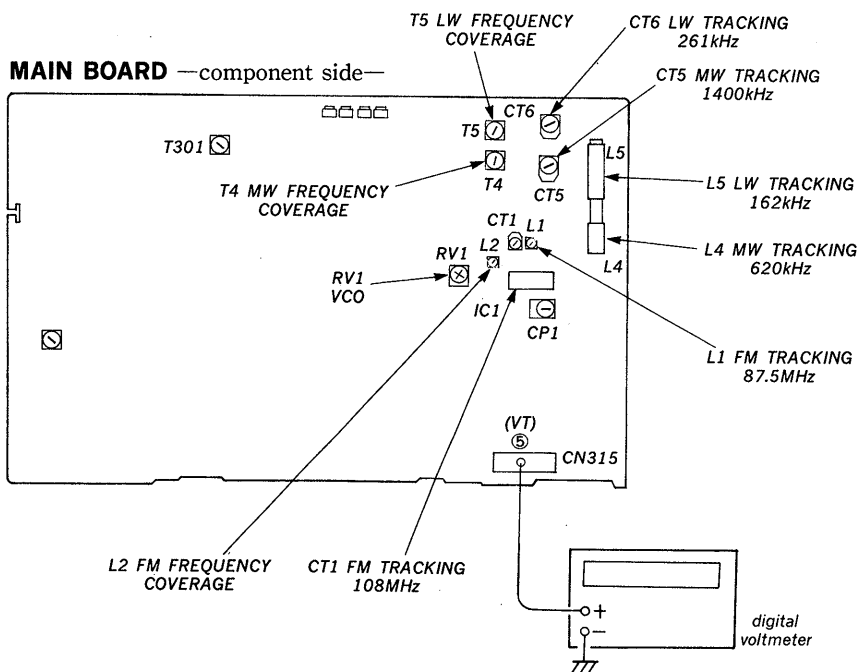


1. Tune the set to 98MHz.
2. Adjust with RV1 so that the reading on the frequency counter becomes $76.0 \pm 0.1kHz$.

MAIN BOARD
conductor side



Adjustment Location :



5-3. CD SECTION

Notes on Adjustment

1. Perform adjustment in service mode.
After adjustment, be sure to release service mode.
2. Perform adjustments in the order given.
3. Use the disc (YEDS-18, Part No. 3-702-101-01) only when so indicated.

Before Adjustment

Put the set into service mode and perform the following checks. Repair if there are any problems.

• Sled Motor Check

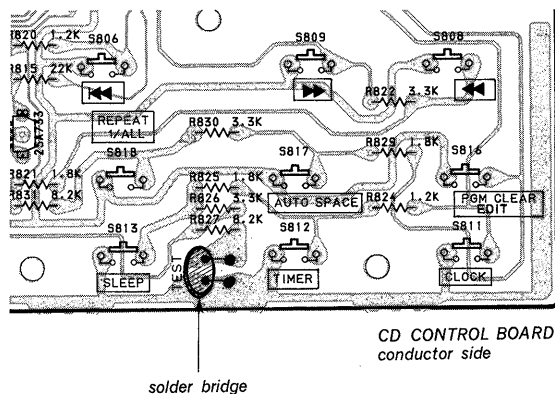
1. Press ►►, ◄◄ keys and confirm that the FOP moves smoothly from the innermost to outermost circumference and back smoothly and with no catching or abnormal noises.
►►: FOP moves to the outer circumference
◄◄: FOP moves to the inner circumference

• Focus Search Check

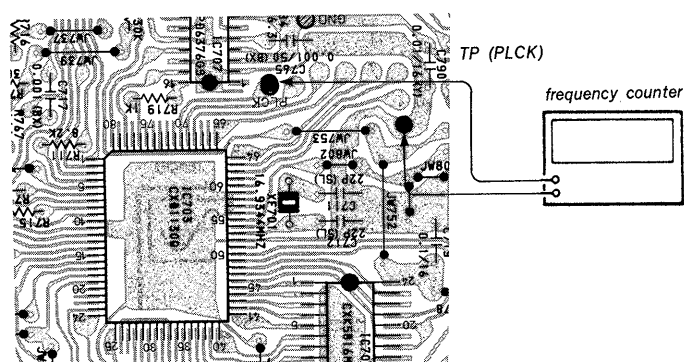
1. Press ► key. (Focus search operation is performed continuously.)
2. Look at the FOP objective lens and confirm that it moves up and down smoothly, with no catching or abnormal noises.
3. Press' ■ key.
Confirm that focus search operation stops. If it does not, press ■ key again longer.

How to Put the Set into Service Mode

1. Solder-bridge the following portion on the CD control board.
2. Turn the power on.

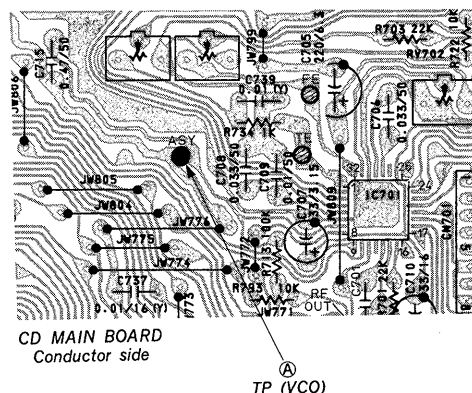


VCO Adjustment



Adjustment Procedure :

1. Make a solder bridge at portion ① on CD main board.
2. Adjust RV703 so that the reading on the frequency counter becomes 4.3218MHz.
3. Remove the solder-bridge at ① portion.

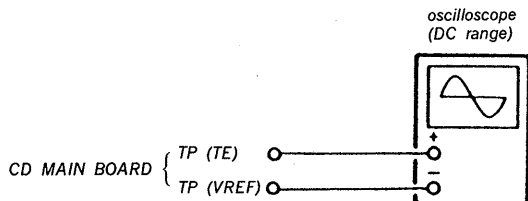


- See page 16 for Adjustment Location.

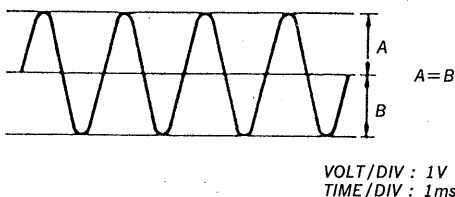
E-F Balance Adjustment

This adjustment is to be done when the optical block is replaced.

Adjustment Procedure :

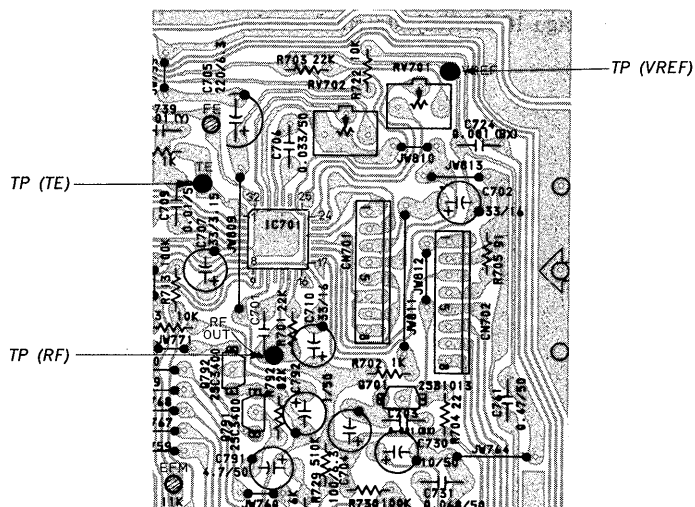


1. Connect the oscilloscope between TP (TE) and TP (VREF.)
2. Put the set into service mode.
3. Press the ►► and ◄◄ keys to move the FOP to the center.
4. Insert disc (YEDS-18) and press ► key.
5. Adjust RV701 so that the oscilloscope traverse waveform is symmetrical, as shown in the figure below.
6. Release service mode after adjustment is completed.



Adjustment value : $2 \pm 0.5V_{p-p}$

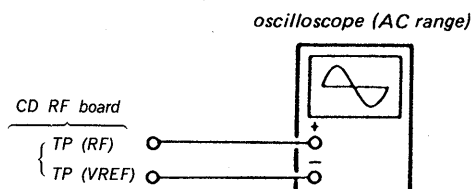
CD MAIN BOARD (CONDUCTOR SIDE)



Focus Bias Adjustment

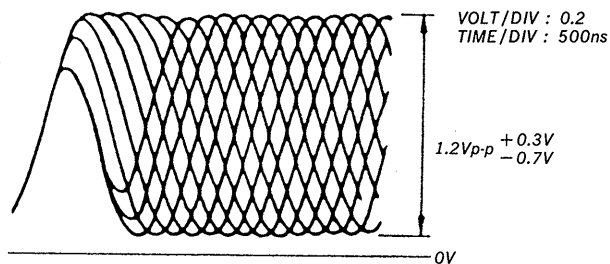
This adjustment is to be done when the optical block is replaced.

Adjustment Procedure :



1. Connect the oscilloscope between TP (RF) and TP (VREF).
 2. Put the set into service mode.
 3. Press the ►► and ◄◄ keys to move the FOP to the center. (Move the FOP to the music area on the disc to enable easy visibility of the eye pattern.)
 4. Insert disc (YEDS-18) and press ► key.
 5. Adjust RV702 so that the oscilloscope waveform is as shown in the figure below (eye pattern).
- A good eye pattern means that the diamond scape (◊) in the center of the waveform can be clearly distinguished.
6. Release service mode after adjustment is completed.

- RF signal reference waveform (eye pattern).



When observing the eye pattern, set the oscilloscope for AC range and raise vertical sensitivity.

- See page 16 for Adjustment Location.

REFERENCE

Focus/Tracking Gain Adjustment

A frequency response analyzer is necessary in order to perform this adjustment exactly.

However, this gain has a margin, so even if it is slightly off, there is no problem. Therefore, do not perform this adjustment.

Focus/tracking gain determines the pick-up follow-up (vertical and horizontal) relative to mechanical noise and mechanical shock when the 2-axis device operate.

However, as these reciprocate, the adjustment is at the point where both are satisfied.

- When gain is raised, the noise when the 2-axis device operates increases.
- When gain is lowered, it is more susceptible to mechanical shock and skipping occurs more easily.
- When gain adjustment is off, the symptoms below appear.

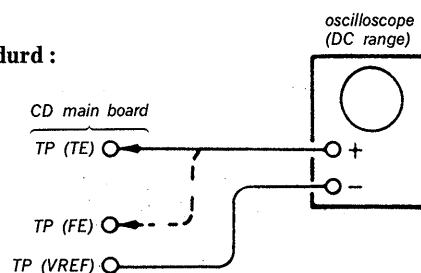
Symptoms \ Gain	Focus	Tracking
• The time until music starts becomes longer for STOP → ► PLAY on automatic selection (◀◀, ▶▶ buttons pressed. (Normally takes about 2 seconds.)	low	low or high
• Music does not start and disc continues to rotate for STOP → ► PLAY or automatic selection (◀◀, ▶▶ buttons pressed.)	—	low
• Disc table opens shortly after STOP → ► PLAY.	low or high	—
• Sound is interrupted during PLAY. Or time counter display stops progressing	—	low
• More poise during 2-axis device operation.	high	high

The following is a simple adjustment method.

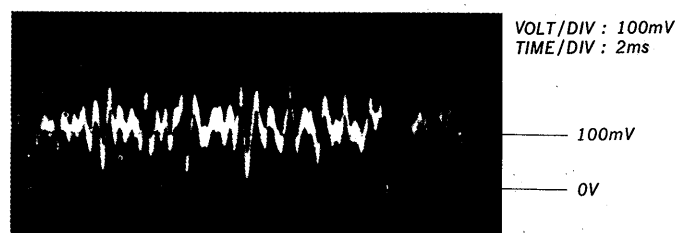
—Simple Adjustment—

Note : Since exact adjustment cannot be performed, remember the positions of the controls before performing the adjustment. If the positions after the simple adjustment are only a little different, return the controls to the original position.

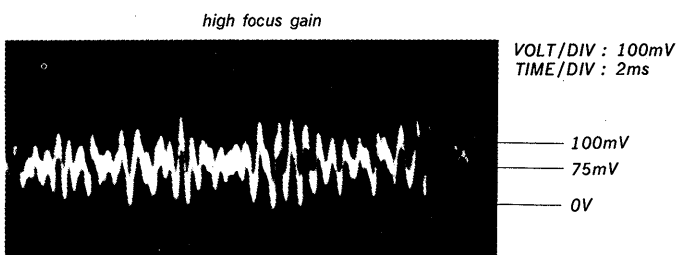
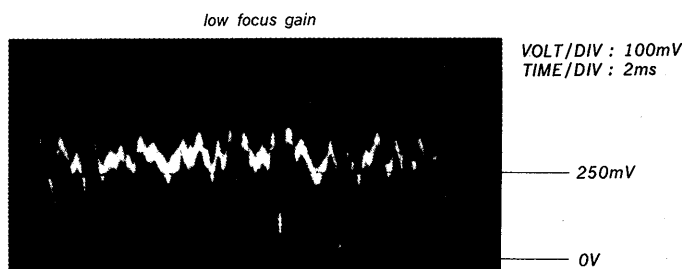
Procedurd :



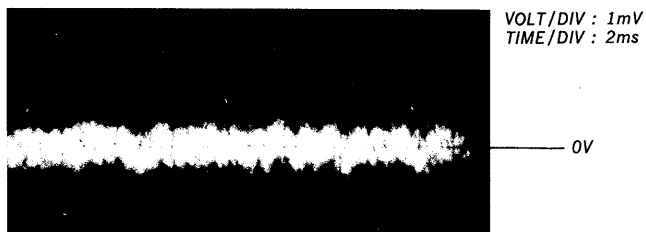
1. Keep the set horizontal.
(If the set not horizontal, this adjustment cannot be performed due to the gravity against the 2 axis device.)
2. Insert disc (YEDS-18) and press ► PLAY button.
3. Connect oscilloscope to CD main board TP (FE).
4. Adjustment RV705 so that the waveform is as shown in the figure below. (focus gain adjustment)



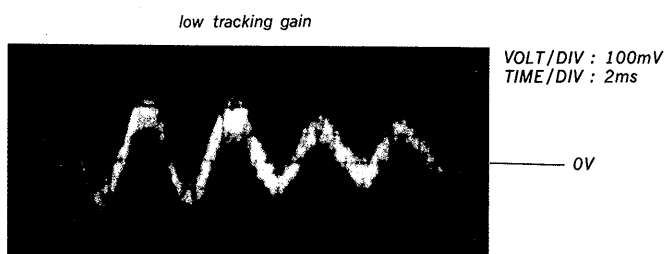
- Inccorrent Examples (DC level changes more than on adjusted waveform)



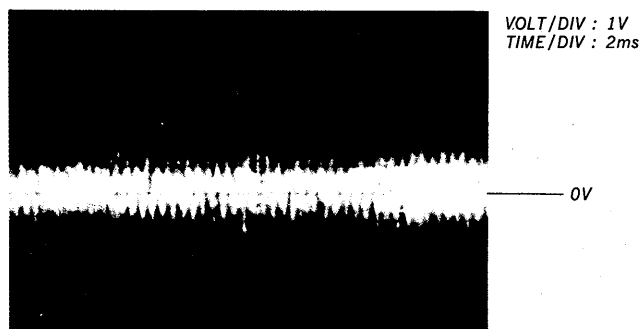
5. Connect oscilloscope to TP (TE).
6. Adjust RV704 so that the waveform is as shown in the figure below. (Tracking gain adjustment)



• Incorrect Examples (fundamental wave appears)



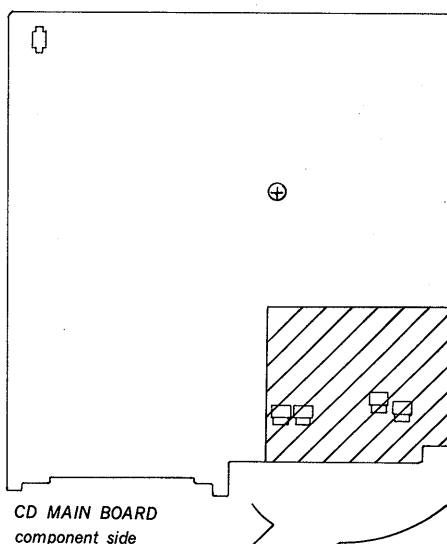
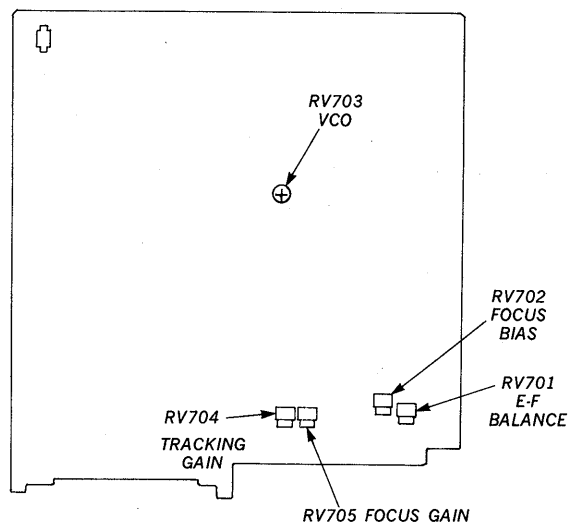
high tracking gain
(higher fundamental wave than for low gain)



Adjustment Location :

CD MAIN BOARD

—Component side—



TP (FE)

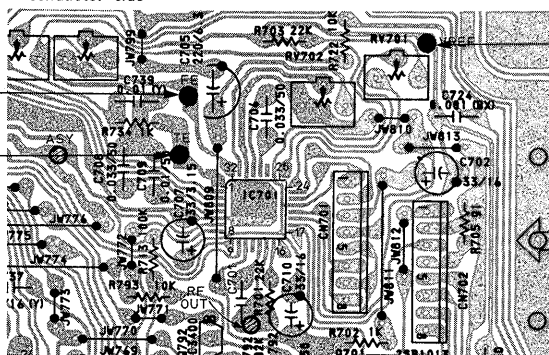
*
Remove the solder bridge while adjustment of focus gain.
(After adjustment make the solder bridge)

TP (TE)

*
Remove the solder bridge while adjustment of tracking gain.
(After adjustment make the solder bridge)

* Note : When a frequency response analyzer is used :

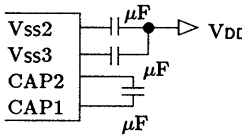
CD MAIN BOARD
conductor side



SECTION 6 DIAGRAMS

• IC PIN FUNCTIONS

• IC501 Tuner Controller (μ PD1724G)

Pin No.	Pin Name	I / O	Description
1	LCD10	O	Output port for segment signal of LCD.
2	LCD 9	O	Output port for segment signal of LCD.
3	LCD 8	O	Output port for segment signal of LCD.
4	LCD 7	O	Output port for segment signal of LCD.
5	LCD 6	O	Output port for segment signal of LCD.
6	LCD 5	O	Output port for segment signal of LCD.
7	LCD 4	O	Output port for segment signal of LCD.
8	LCD 3	O	Output port for segment signal of LCD.
9	LCD 2	O	Output port for segment signal of LCD.
10	LCD 1	O	Output port for segment signal of LCD.
11	N.C.	—	Not used (OPEN).
12	COM3	O	Output port for common signal of LCD.
13	COM2	O	Output port for common signal of LCD.
14	COM1	O	Output port for common signal of LCD.
15	Vss3		
16	CAP2		Capacitor connection terminal of doubler circuit to produce drive voltage for LCD. 
17	CAP1		
18	Vss2		
19	VDP	—	
20	MUTE	O	Output for muting signal to cut off the pop noise when PLL is unlock.
21	N.C.	—	Not used (OPEN).
22	VDD	—	Power supply voltage (+5V).
23	VHF	—	Not used (OPEN).
24	FM IN	I	FM VCO input terminal.
25	AM IN	I	MW • LW VCO input terminal.
26	Vss1	—	Ground.
27	EO1	O	Output of phase comparator for VCO.
28	EO2	—	Not used (OPEN).
29	CE	I	Device select input. (PLL section ON/ OFF. Always "H ")
30	XO	O	Output for clock oscillation circuit. (75kHz)
31	XI	I	Input for clock oscillation circuit.
32	Vss4	—	Capacitor connection terminal of doubler circuit to produce drive voltage for LCD.
33	RM	I	Remote control interval input.
34	9K/10K	I	MW tuning interval select input when it initialize. (fixed "L " = 9kHz)
35	KEY	O	Key source output signal.
36	SD	—	Not used (OPEN).
37	BAND2	—	Not used (OPEN).
38	BAND1	O	Band select output. }
39	BAND0	O	Band select output. }
40	KS4	—	Not used (OPEN).

	BAND0	BAND1
LW	L	H
MW	L	L
FM	H	L

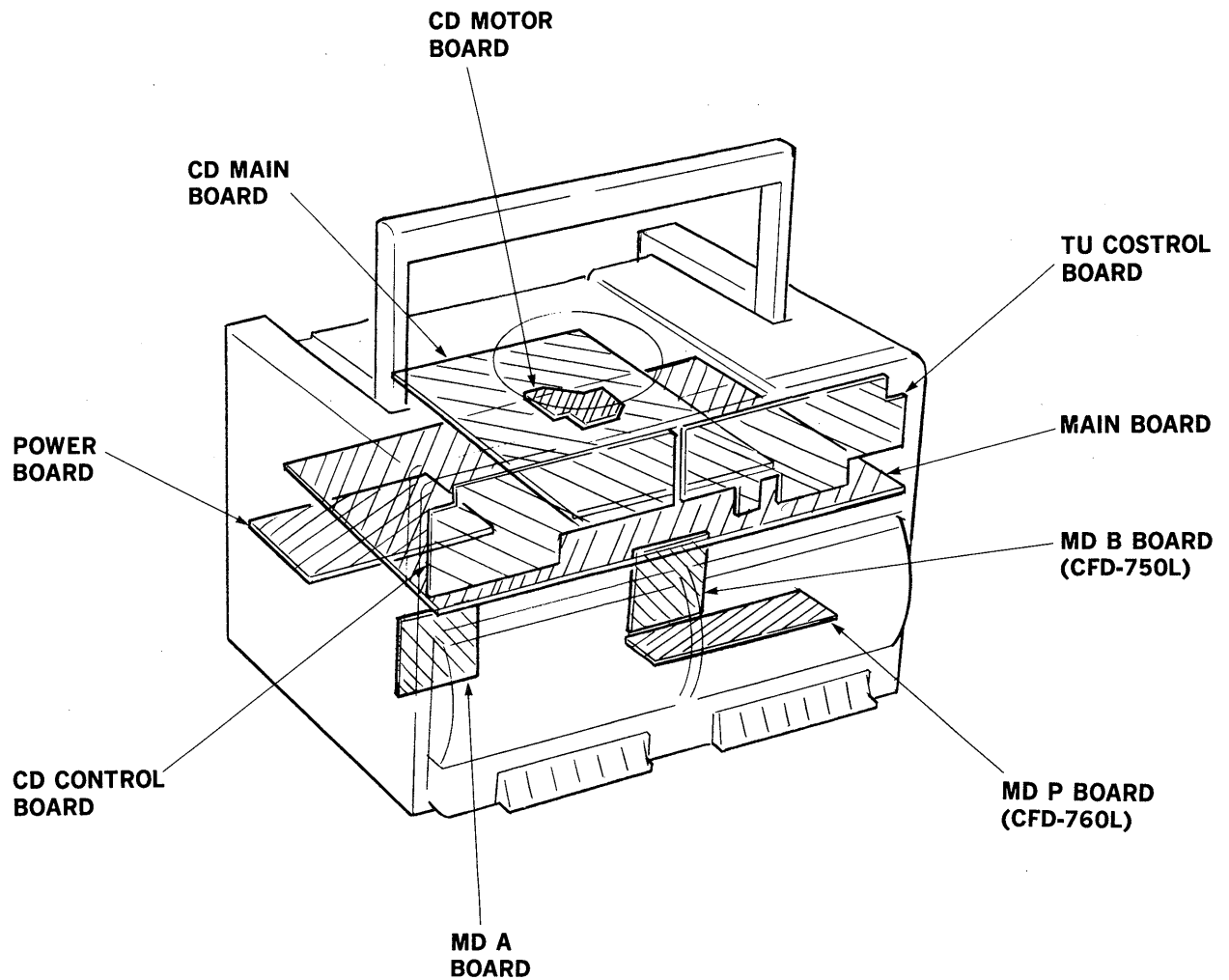
Pin No.	Pin Name	I / O	Description
41	KS3	O	Key matrix output.
42	KS2	O	Key matrix output.
43	KS1	O	Key matrix output.
44	KS0	O	Key matrix output.
45	K3	I	Key and remote control signal input.
46	K2	I	Key and remote control signal input.
47	K1	I	Key and remote control signal input.
48	K0	I	Key and remote control signal input.
49	N.C.	—	Not used (OPEN).
50	N.C.	—	Not used (OPEN).
51	LCD16	O	Output port for segment of LCD.
52	LCD15	O	Output port for segment of LCD.
53	LCD14	O	Output port for segment of LCD.
54	LCD13	O	Output port for segment of LCD.
55	LCD12	O	Output port for segment of LCD.
56	LCD11	O	Output port for segment of LCD.

• IC801 CD SYSTEM CONTROLLER (CXP5078-048)

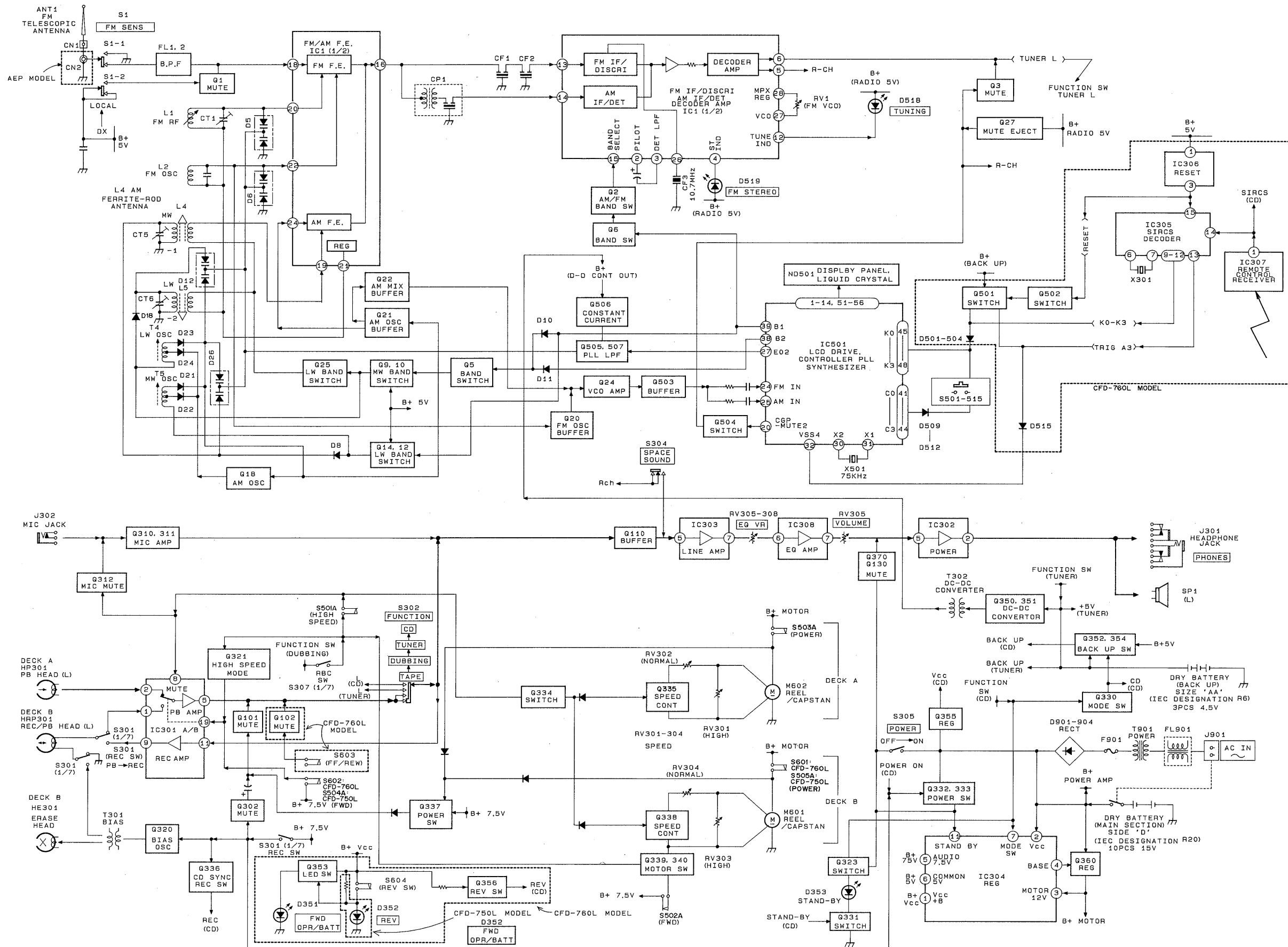
Pin No.	Pin Name	I / O	Description
1	SEG18	O	Output port for LCD segment signal.
2	SEG17	O	Output port for LCD segment signal.
3	SEG16	O	Output port for LCD segment signal.
4	SEG15	O	Output port for LCD segment signal.
5	SEG14	O	Output port for LCD segment signal.
6	SEG13	O	Output port for LCD segment signal.
7	SEG12	O	Output port for LCD segment signal.
8	SEG11	O	Output port for LCD segment signal.
9	SEG10	O	Output port for LCD segment signal.
10	SEG 9	O	Output port for LCD segment signal.
11	SEG 8	O	Output port for LCD segment signal.
12	SEG 7	O	Output port for LCD segment signal.
13	SEG 6	O	Output port for LCD segment signal.
14	SEG 5	O	Output port for LCD segment signal.
15	SEG 4	O	Output port for LCD segment signal.
16	SEG 3	O	Output port for LCD segment signal.
17	SEG 2	O	Output port for LCD segment signal.
18	SEG 1	O	Output port for LCD segment signal.
19	SEG 0	O	Output port for LCD segment signal.
20	CM3	O	Output port for LCD common signal.
21	CM2	O	Output port for LCD common signal.
22	CM1	O	Output port for LCD common signal.
23	CM0	O	Output port for LCD common signal.
24	VLC1	—	Port for LCD bias voltage.
25	VLC2	—	Port for LCD bias voltage.
26	VLC3	—	Port for LCD bias voltage.
27	VL	O	Control port for cut-off the current flow in the LCD Bias resistor of external.
28	RMIN	I	Remote control signal input from IC307 (SIRCS receiver).
29	SCOR	I	Subcode sync signal detection input from IC703 (DSP).
30	XTAL	O	Output for clock oscillation circuit (3.58MHz).
31	EXTAL	I	Input for clock oscillation circuit.
32	RST	O	Output for built-in power-on reset circuit.
33	N.C.	—	Not used (always "H").
34	V _{DD}	—	Power supply voltage (+5V).
35	KEY0	I	Key input (analog).
36	KEY1	I	Key input (analog).
37	KEY2	I	Key input (analog).
38	KEY3	I	Key input (analog).
39	KEY4	I	Key input (analog).
40	KEY5	I	Key input (analog).

Pin No.	Pin Name	I / O	Description
41	CD	I	CD select (S302) input. CD : "H "
42	STAND BY	O	Stand by LED switch. "H " : STANDBY
43	N.C.	—	Not used (OPEN)
44	SQCK	O	Subcode (Q data) readout clock output to IC703 (DSP).
45	DATA	O	Serial data output to IC702 (Servo) and IC703 (DSP).
46	SUBQ	I	subcode (Q data) serial input from IC703 (DSP).
47	$\overline{\text{XLT}}$	O	Serial data latch output to IC702 (Servo) and IC703 (DSP).
48	$\overline{\text{BTL MUTE}}$	O	Output for IC708, 709 (MOTOR driver) mute and laser diode switch. "H " : MUTE, laser diode on.
49	$\overline{\text{DRIC}}$	O	Output for 1 track jump to IC702 (Servo).
50	EJECT	I	OPEN/CLOSE switch (S801) input. CD LID OPEN : "L ", CLOSE : "H "
51	LEADER	—	Not used (OPEN)
52	REVERSE	I	DECK B reverse switch (S604) input. Reverse : "H "
53	$\overline{\text{PAUSE LED}}$	—	Not used (OPEN)
54	$\overline{\text{REC}}$	I	Rec switch (S301) input. REC : "L "
55	GFS	I	Frame sync signal clock status input from IC703 (DSP).
56	FOK	I	Focus OK input from IC701 (RF AMP).
57	SENSE	I	Input of signal representing the internal status of IC702 (Servo) and IC703 (DSP).
58	HI SPEED	I	Not used (always "L ")
59	MUTE	O	Muting output to IC703 (DSP). MUTE : "H "
60	$\overline{\text{BW}}$	O	PLL capture range select output. "H " : rough servo operation. "L " : normal play.
61	WUP	I	Wake up input port for stand-by mode cancel.
62	POWER OFF	—	Not used (always "H ")
63	$\overline{\text{XRST}}$	I	System reset input.
64	12/24	I	12 or 24 hour cycle (clock) select input. "H " : 24H, "OPEN " = 12H.
65	MD STOP	—	Not used.
66	HI SPEED	—	Not used (OPEN)
67	PEN	O	Output port for De-emphasis select.
68	LATCH	—	Not used (OPEN)
69	POWER ON	O	Output port for power switch on timer mode.
70	SLEEP ON	O	Output port for power switch on sleep mode.
71	GND	—	Ground.
72	TX	O	Output port for clock oscillation circuit.
73	N.C.	—	Not used (OPEN)
74	TEX	I	Input port for 32.768kHz timer clock oscillation circuit.
75	VREF	—	Not used (OPEN)
76	SEG23	O	Output port for LCD segment signal.
77	SEG22	O	Output port for LCD segment signal.
78	SEG21	O	Output port for LCD segment signal.
79	SEG20	O	Output port for LCD segment signal.
80	SEG19	O	Output port for LCD segment signal.

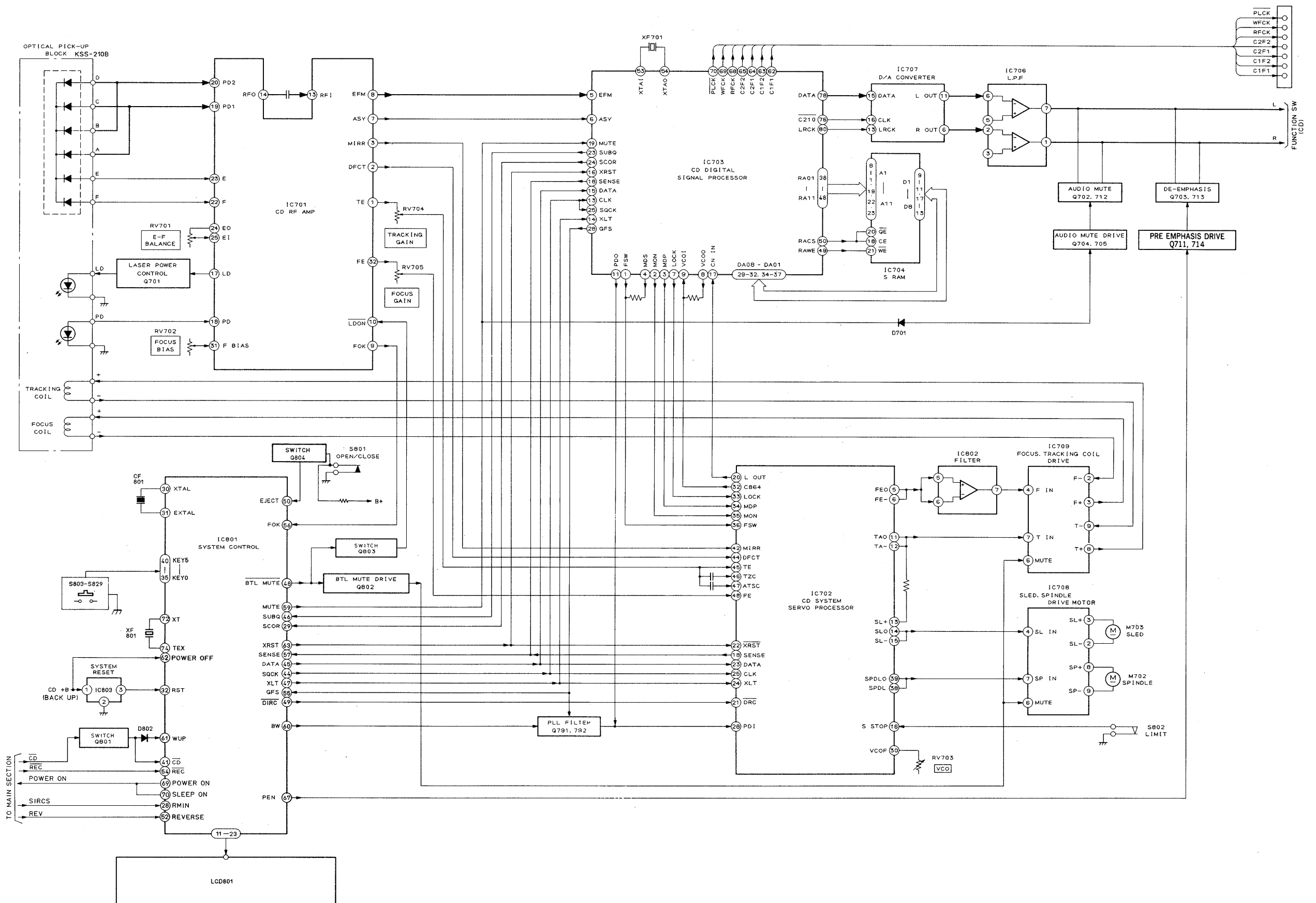
6-1. CIRCUIT BOARD LOCATION



6-2. BLOCK DIAGRAM —MAIN Section—



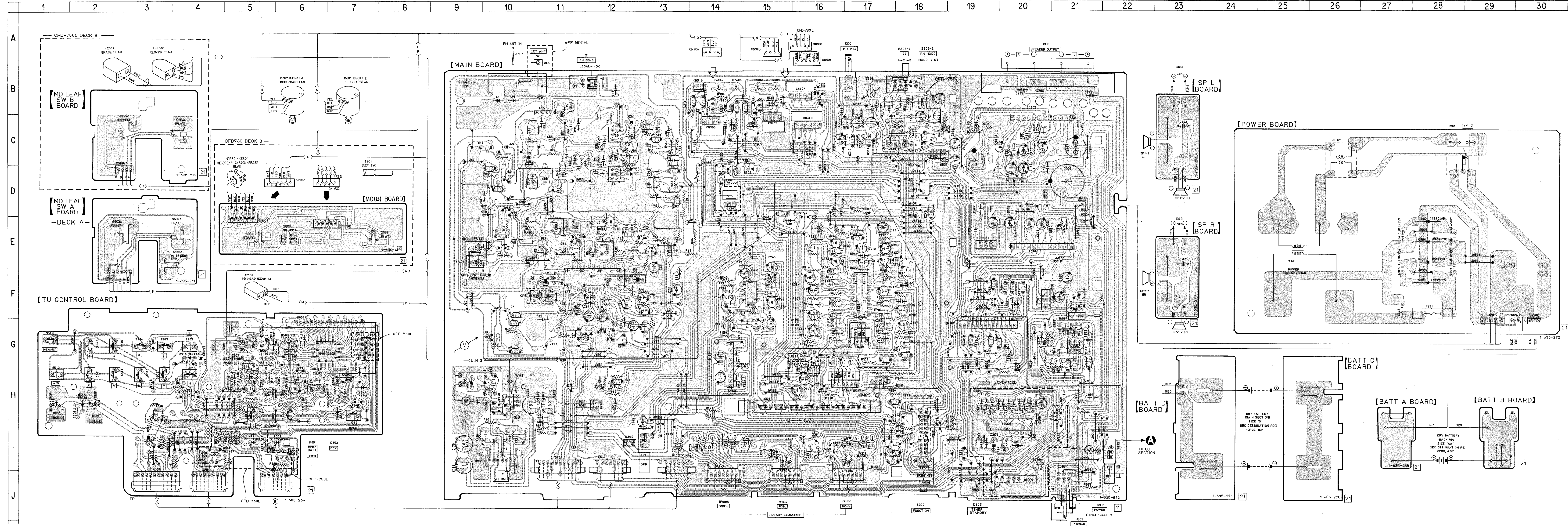
6-3. BLOCK DIAGRAM —CD Section—



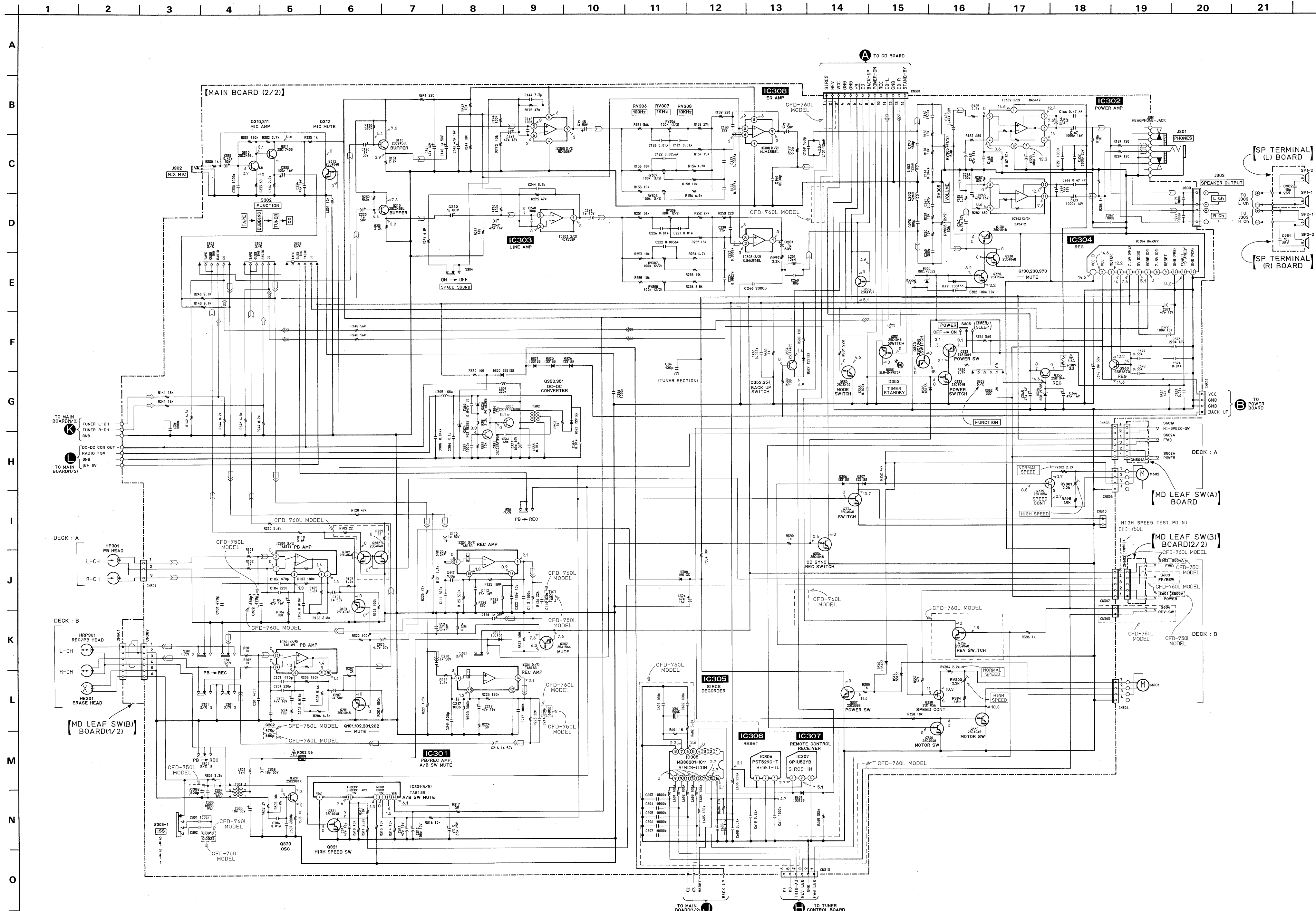
6-4. PRINTED WIRING BOARD —MAIN Section—

● Semiconductor Location

Ref. No.	Location	Ref. No.	Location
D1	B-10	IC306	I-20
D3	B-10	IC307	J-20
D5	E-10	IC308	H-14
D6	E-12	IC501	G-6
D8	C-10		
D10	G-10	Q1	E-11
D11	G-10	Q2	F-10
D12	B-11	Q3	G-12
D18	E-10	Q4	G-12
D21	D-12	Q5	G-10
D22	D-12	Q6	G-10
D23	B-12	Q9	D-10
D24	C-12	Q10	D-10
D26	C-11	Q12	D-10
D27	G-11	Q14	C-10
D28	G-12	Q18	C-13
D29	F-13	Q20	E-12
D301	E-15	Q21	D-13
D305	F-20	Q22	D-13
D306	B-14	Q24	H-12
D307	C-15	Q25	E-10
D308	D-15	Q27	G-11
D310	C-14	Q101	G-16
D311	C-14	Q102	H-16
D320	G-20	Q110	I-17
D321	G-20	Q130	H-10
D322	G-21	Q201	G-18
D323	G-21	Q202	G-17
D324	G-20	Q210	H-17
D325	G-20	Q230	H-10
D326	G-20	Q302	D-15
D327	G-20	Q310	C-17
D328	F-21	Q311	C-17
D330	H-9	Q312	C-16
D331	H-10	Q320	C-18
D351	I-5	Q321	E-17
D352	I-6	Q323	I-19
D353	J-19	Q330	G-19
D501	G-7	Q331	F-19
D502	G-7	Q332	F-20
D503	G-7	Q333	F-20
D504	G-7	Q334	B-15
D509	G-4	Q335	B-15
D510	G-4	Q336	F-20
D511	H-4	Q337	B-14
D512	H-7	Q338	B-14
D514	H-2	Q339	B-14
D515	G-7	Q340	B-14
D516	H-5	Q350	G-21
D517	H-7	Q351	G-21
D518	H-1	Q352	G-19
D519	H-2	Q353	I-6
D520	H-7	Q354	G-19
D601	I-20	Q355	F-20
D901	F-28	Q356	D-14
D902	E-28	Q360	E-19
D903	E-28	Q370	H-10
D904	E-28	Q501	I-4
		Q502	I-4
IC1	F-12	Q503	G-5
IC301	F-17	Q504	H-3
IC302	C-20	Q505	G-5
IC303	F-15	Q506	H-5
IC304	E-20	Q507	G-5
IC305	I-20		

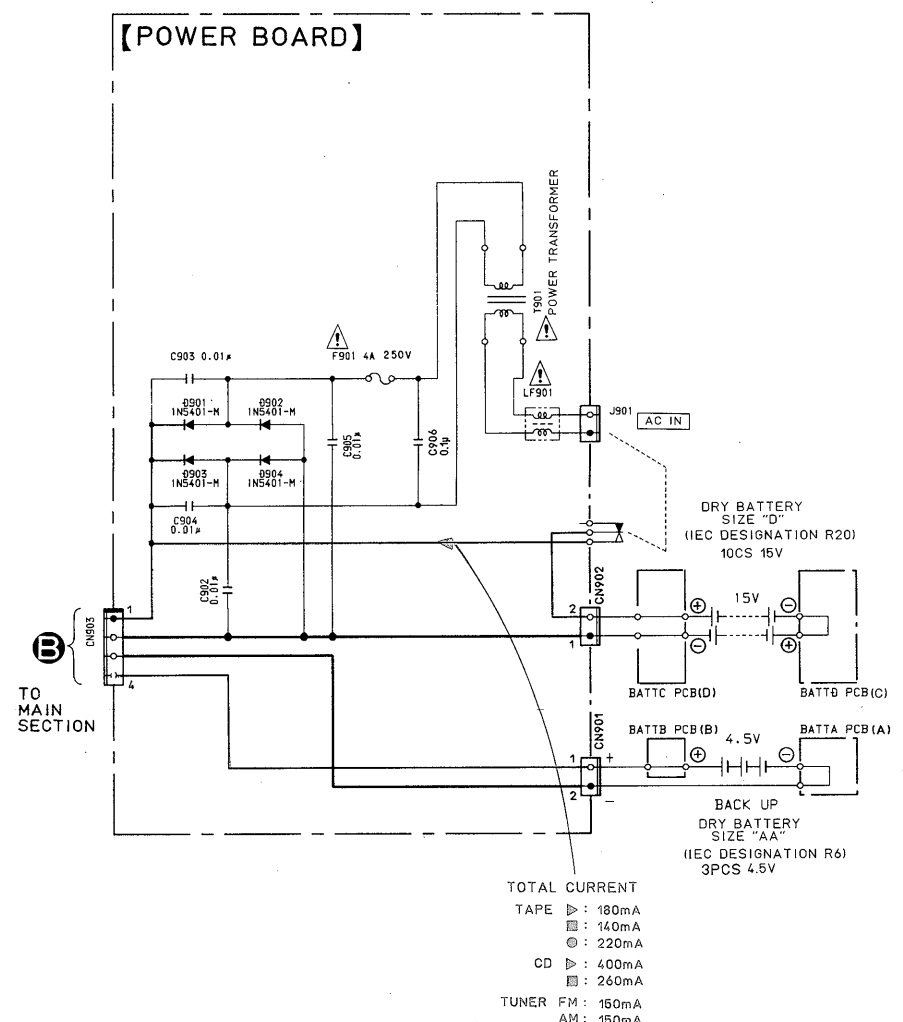


6-5. SCHEMATIC DIAGRAM —MAIN Section—



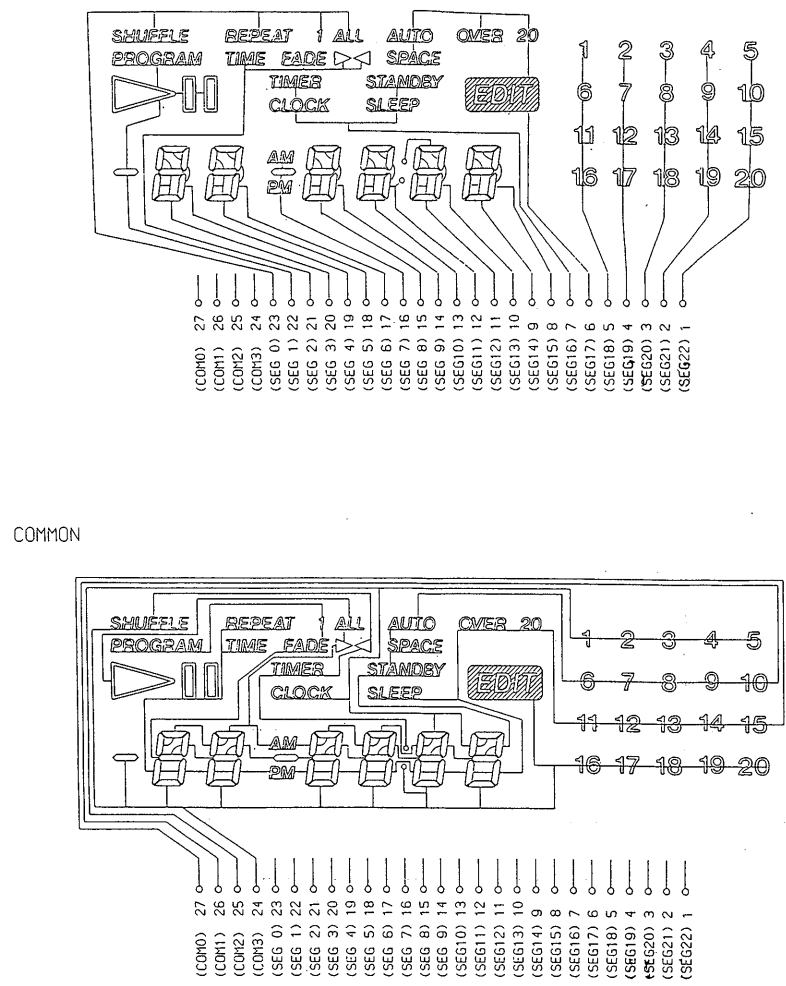
- Note:**
- All capacitors are in μF unless otherwise noted. pF : μF 50WV or less are not indicated except for electrolytics and tantalums.
 - All resistors are in Ω and $\frac{1}{4}\text{W}$ or less unless otherwise specified.
- Note:** The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.
- Δ : B+ Line
 - Δ : adjustment for repair.
 - Voltage and waveforms are dc with respect to ground under no-signal (detuned) conditions.
 - no mark: FM
 - (): AM
 - < >: LW
 - Voltages are taken with a VOM (input impedance 10M Ω). Voltage variations may be noted due to normal production tolerances.
 - Waveforms are taken with an oscilloscope. Voltage variations may be noted due to normal production tolerances.
 - Circled numbers refer to waveforms.
 - Signal path.
 - Δ : FM Δ : PB (DECK A)
 - Δ : CD Δ : REC (DECK B)

6-6. SCHEMATIC DIAGRAM —POWER Section—

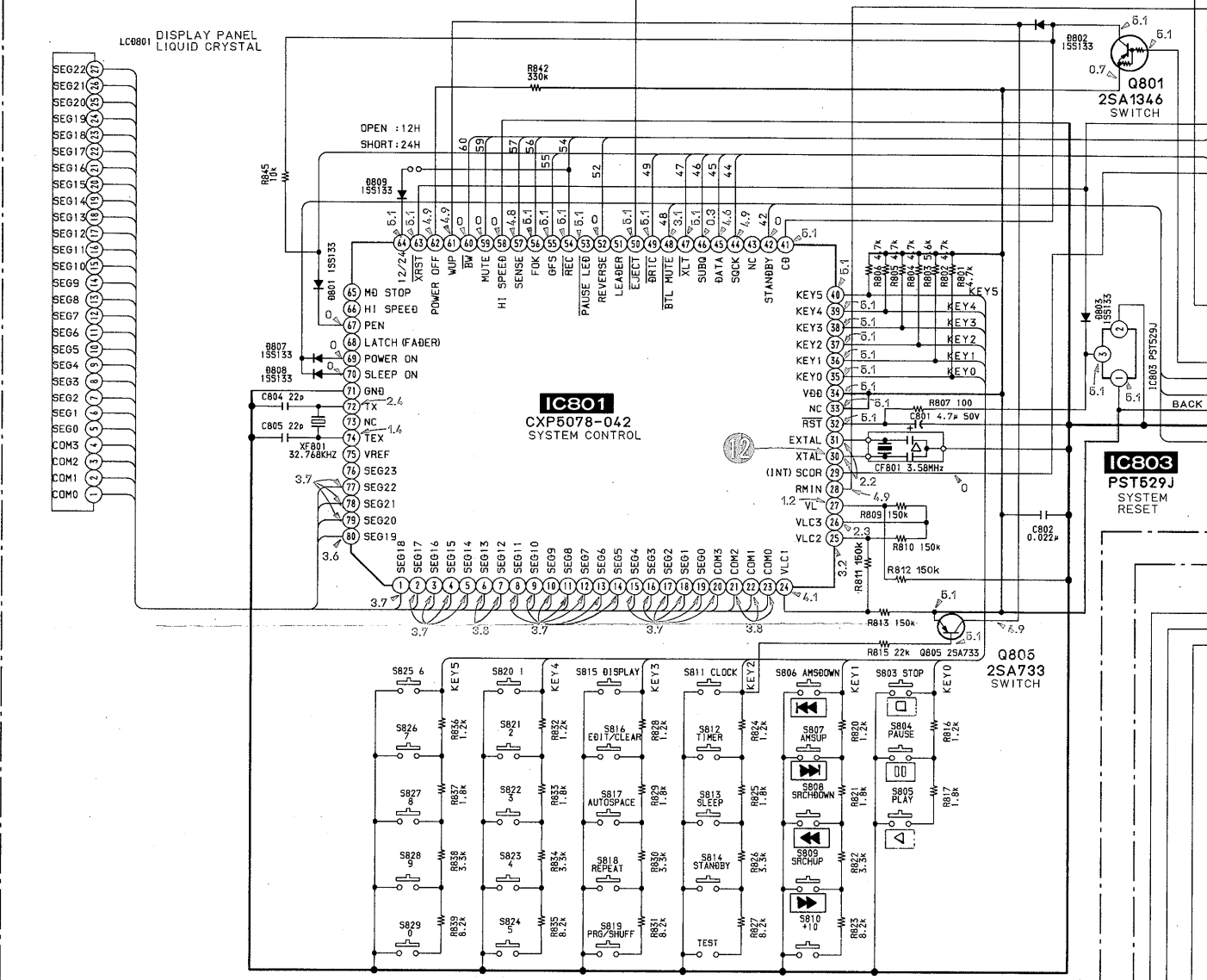


LCD801

SEGMENT

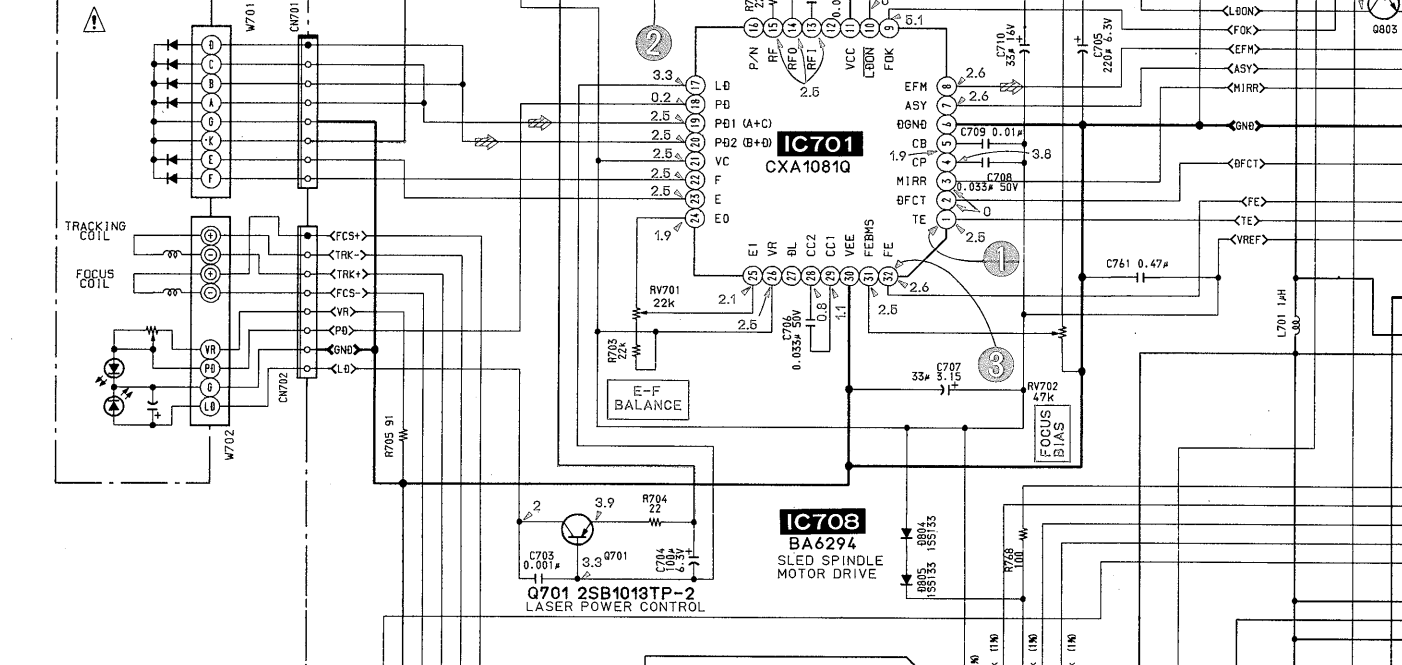


[CD CONTROL BOARD]

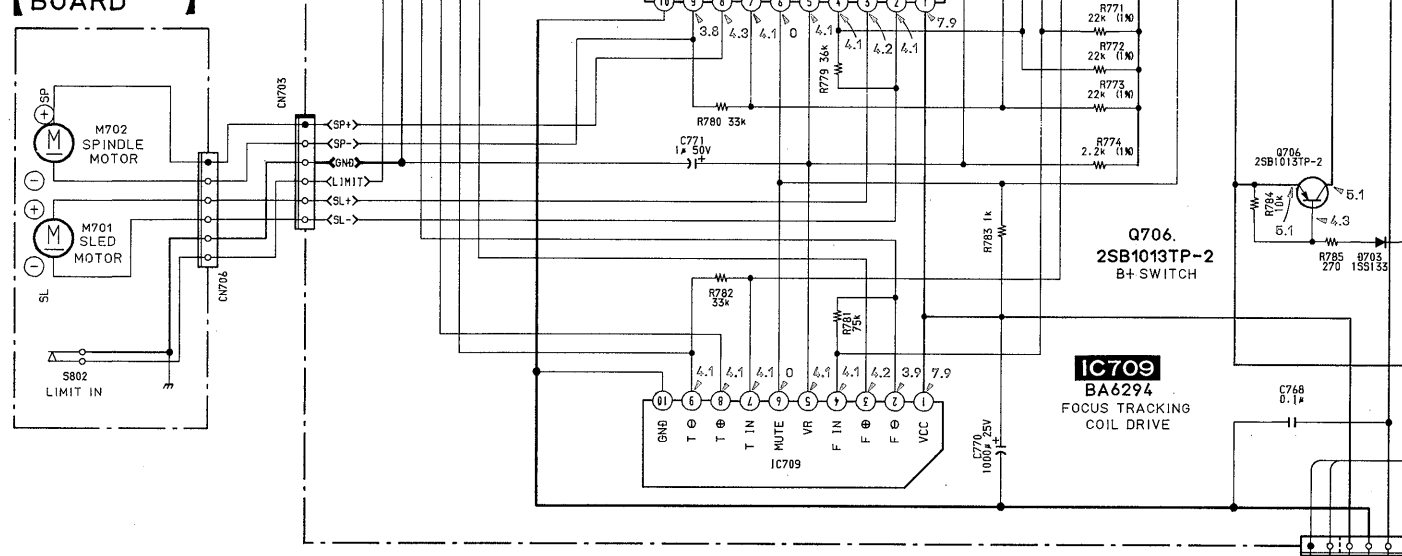


OPTICAL PICK-UP BLOCK

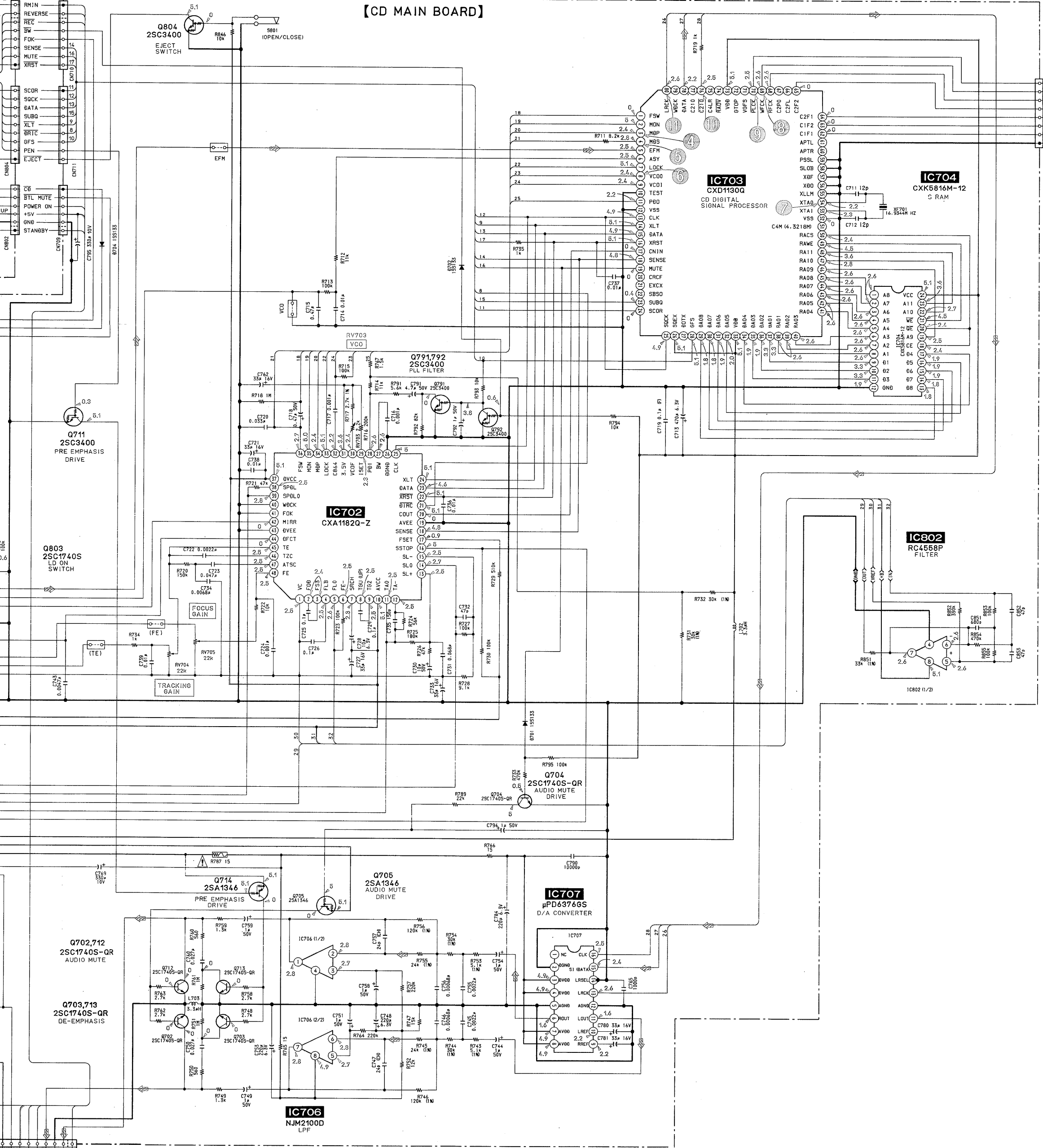
KSS-21081



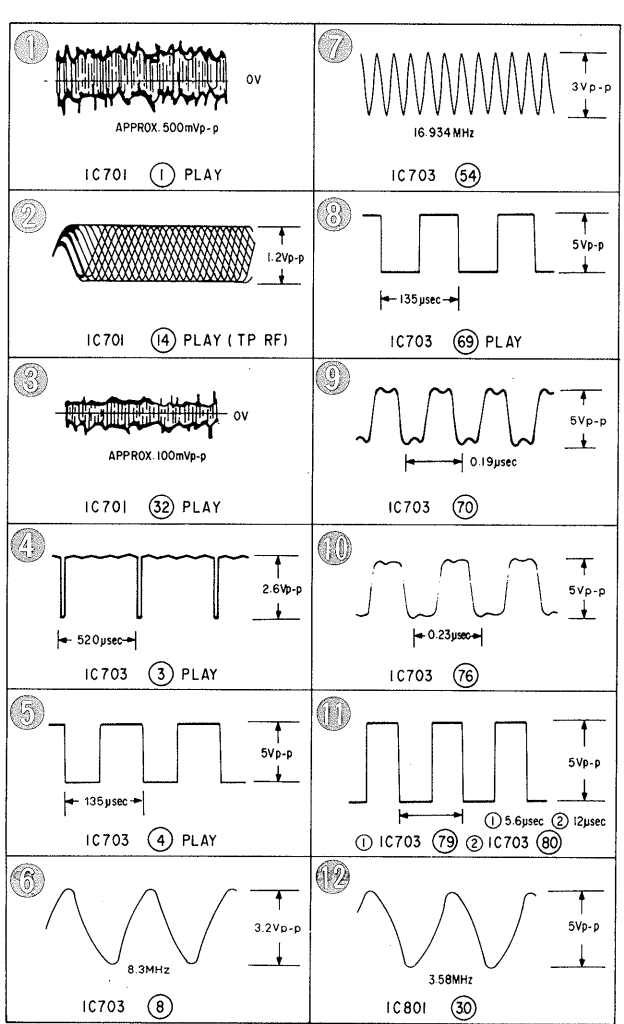
[CD MOTOR BOARD]



[CD MAIN BOARD]



Waveforms

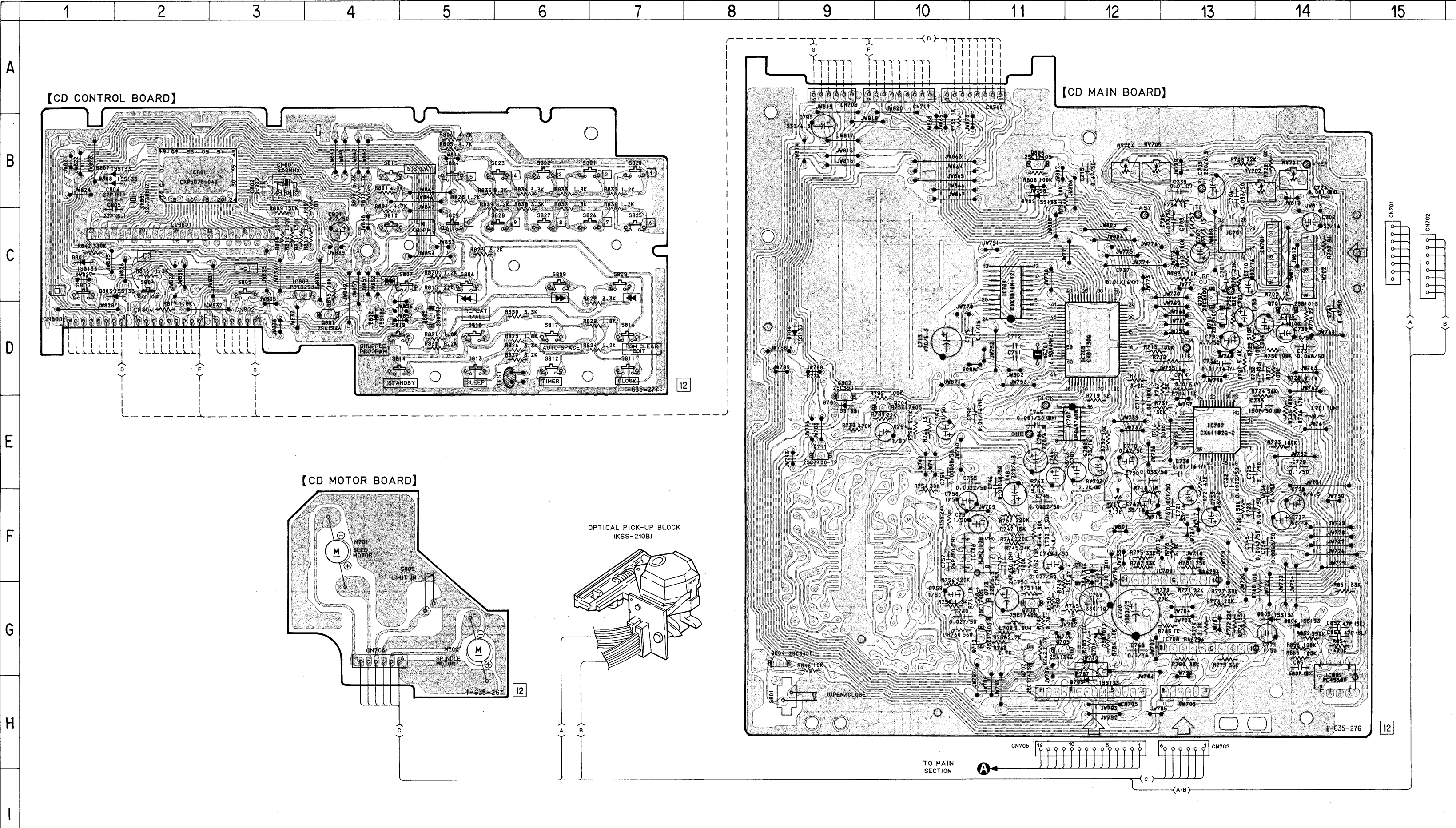


Note: All capacitors are in μF unless otherwise noted. pF : μF 50WV or less are not indicated except for electrolytics and tantalums. All resistors are in Ω and $\frac{1}{2}\text{W}$ or less unless otherwise specified.

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

- Δ : adjustment for repair.
- Voltage and waveforms are dc with respect to ground under no-signal conditions. no mark: CD PLAY
- Voltages are taken with a VOM (Input Impedance 10M Ω). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with an oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
- Δ : CD

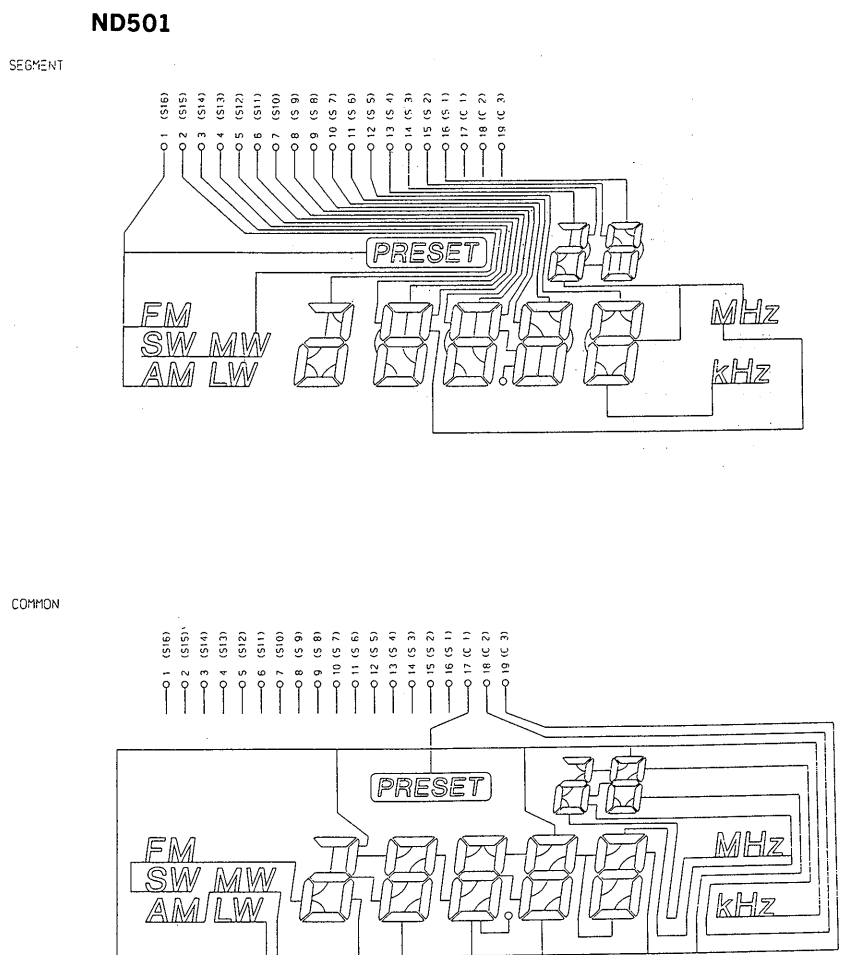
6-8. PRINTED WIRING BOARD —CD Section—



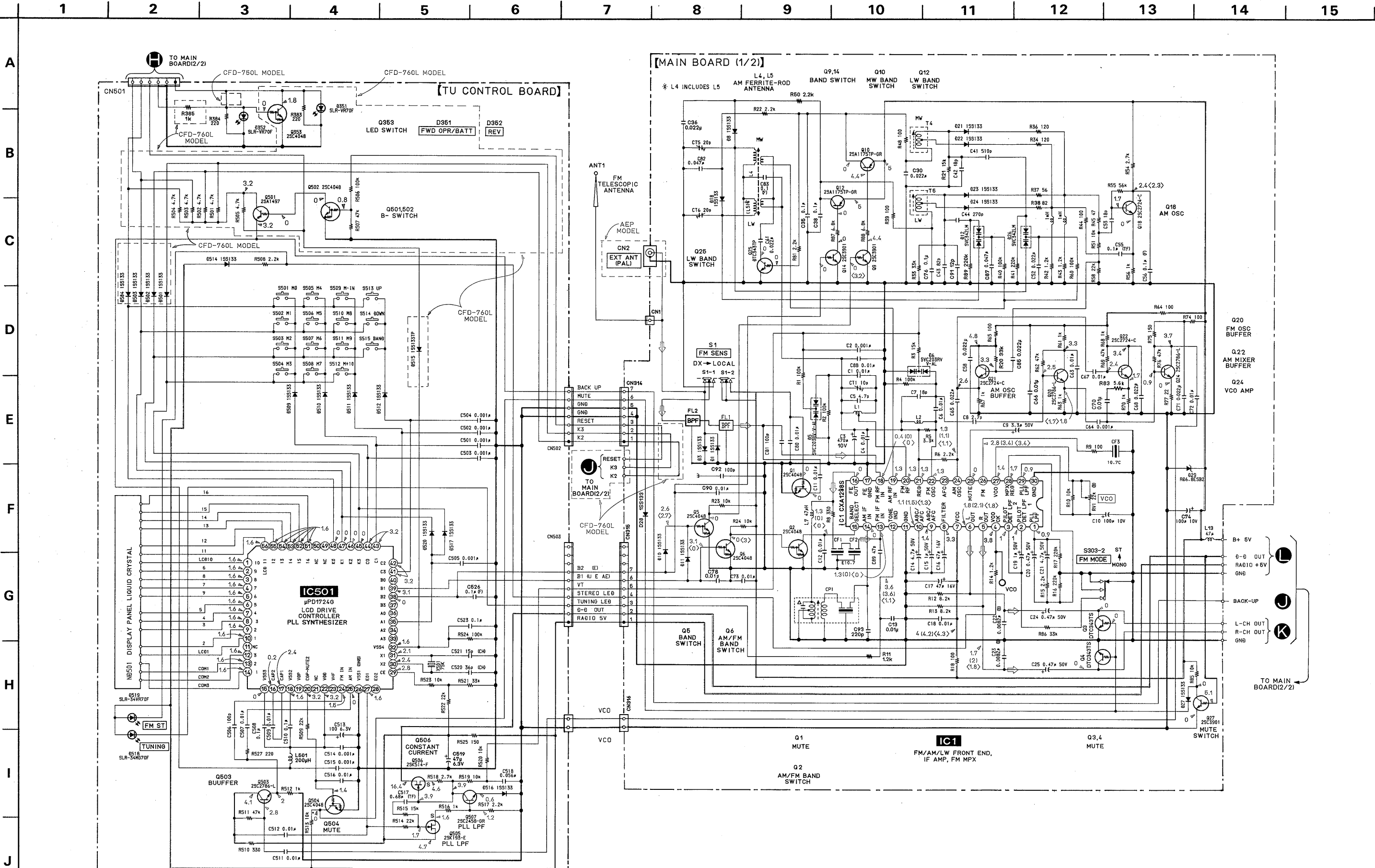
• Semiconductor Location

Ref. No.	Location	Ref. No.	Location
D701	E-9	Q701	D-14
D702	B-11	Q702	G-11
D703	H-12	Q703	G-11
D704	D-9	Q704	E-10
D801	C-1	Q705	G-11
D802	D-4	Q706	G-12
D803	C-1	Q711	E-9
D804	G-14	Q712	G-11
D805	G-14	Q713	G-11
D807	B-1	Q714	F-12
D808	B-1	Q791	D-13
		Q792	C-13
		Q801	D-4
		Q802	D-9
		Q803	B-11
		Q804	G-8
		Q805	D-5
IC701	C-13		
IC702	E-13		
IC703	D-12		
IC704	C-11		
IC706	F-11		
IC707	E-12		
IC708	G-13		
IC709	F-13		
IC801	B-2		
IC802	G-14		
IC803	C-3		

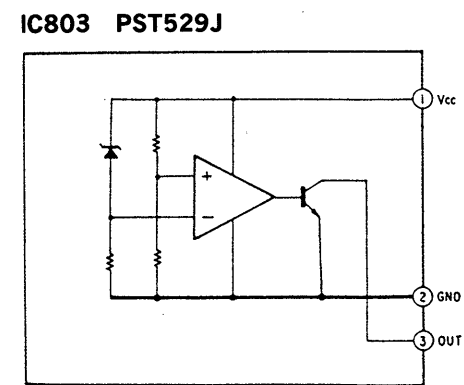
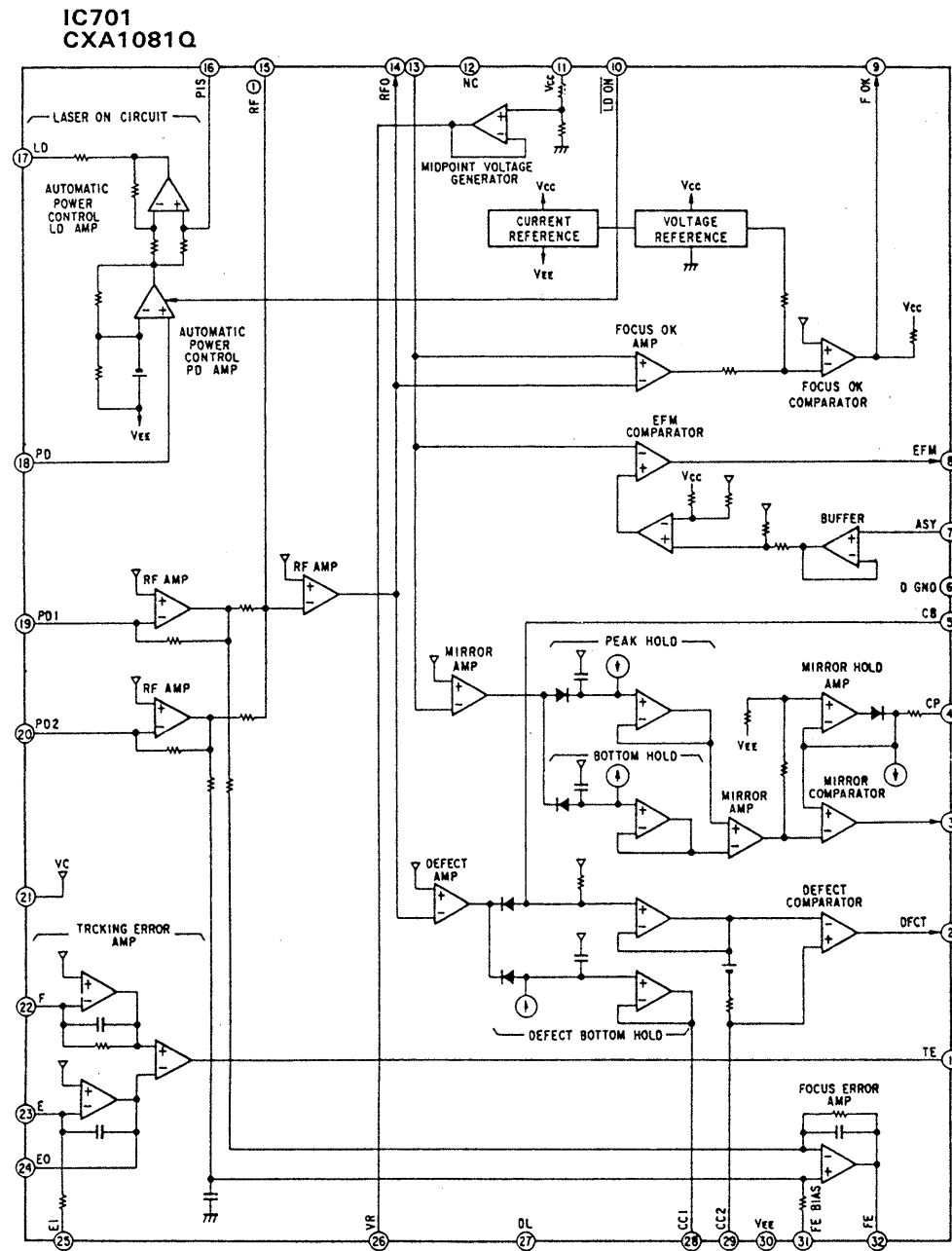
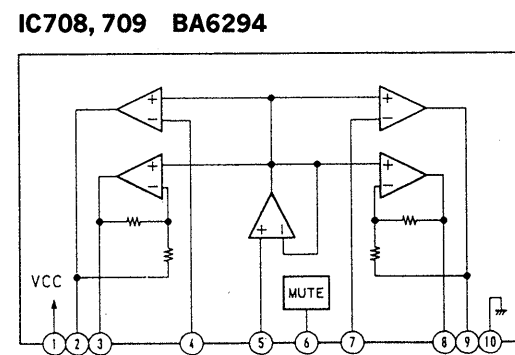
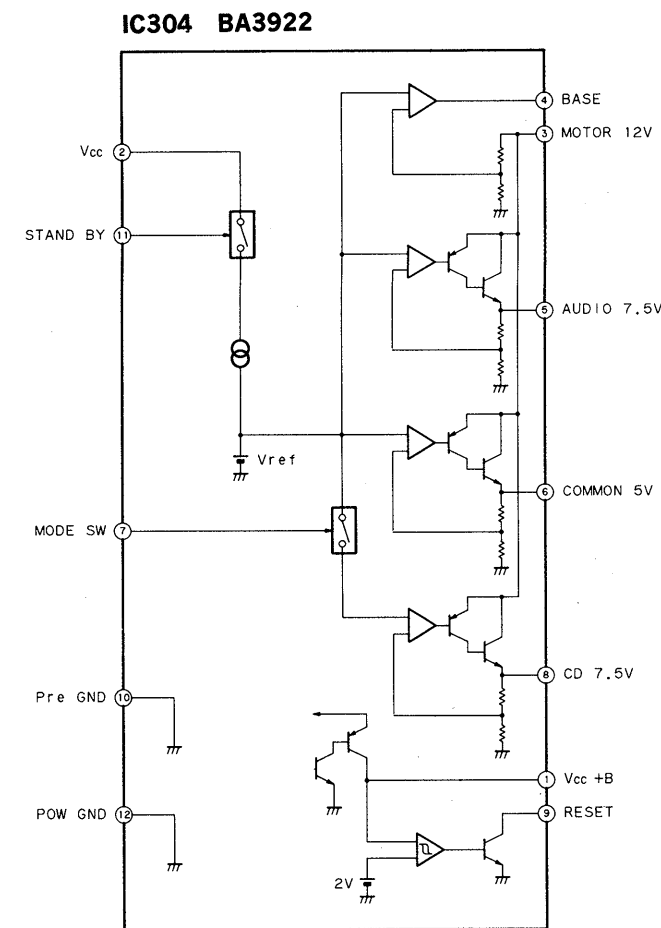
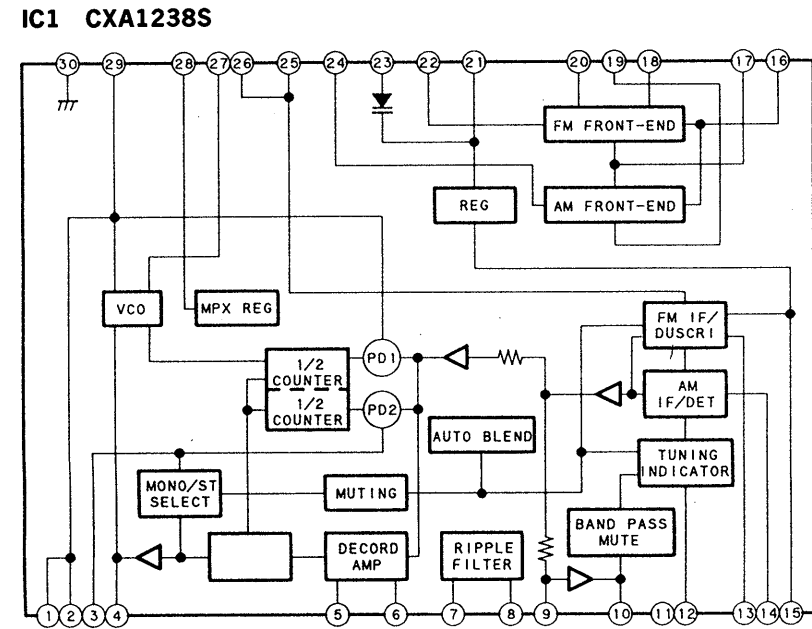
6-9. SCHEMATIC DIAGRAM —TUNER Section—



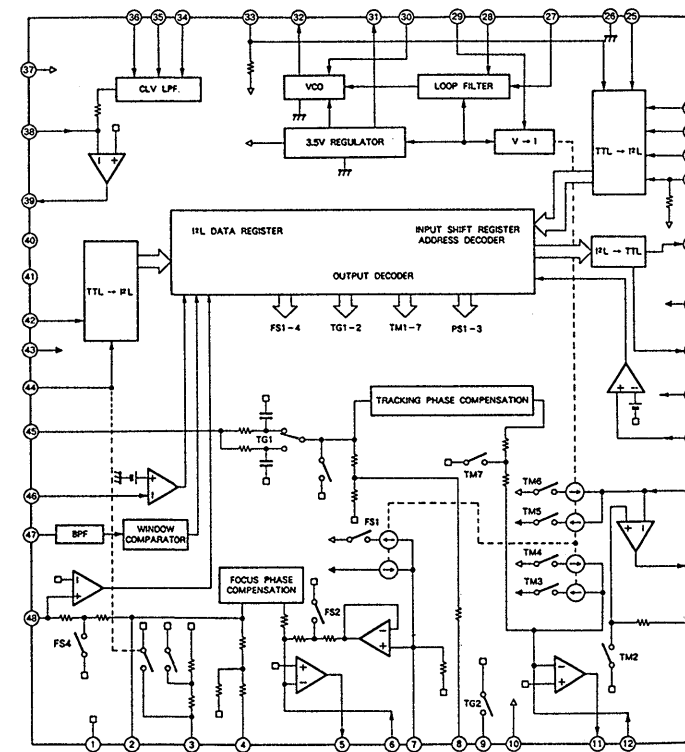
- Note:**
- All capacitors are in μF unless otherwise noted. pF: μF 50WV or less are not indicated except for electrolytics and tantalums.
 - All resistors are in Ω and $\frac{1}{4}\text{W}$ or less unless otherwise specified.
 - \square : adjustment for repair.
 - Voltage and waveforms are dc with respect to ground under no-signal (detuned) conditions. no mark: FM
 - Voltages are taken with a VOM (Input Impedance $10\text{M}\Omega$). Voltage variations may be noted due to normal production tolerances.
 - Signal path.
 - \Rightarrow : FM



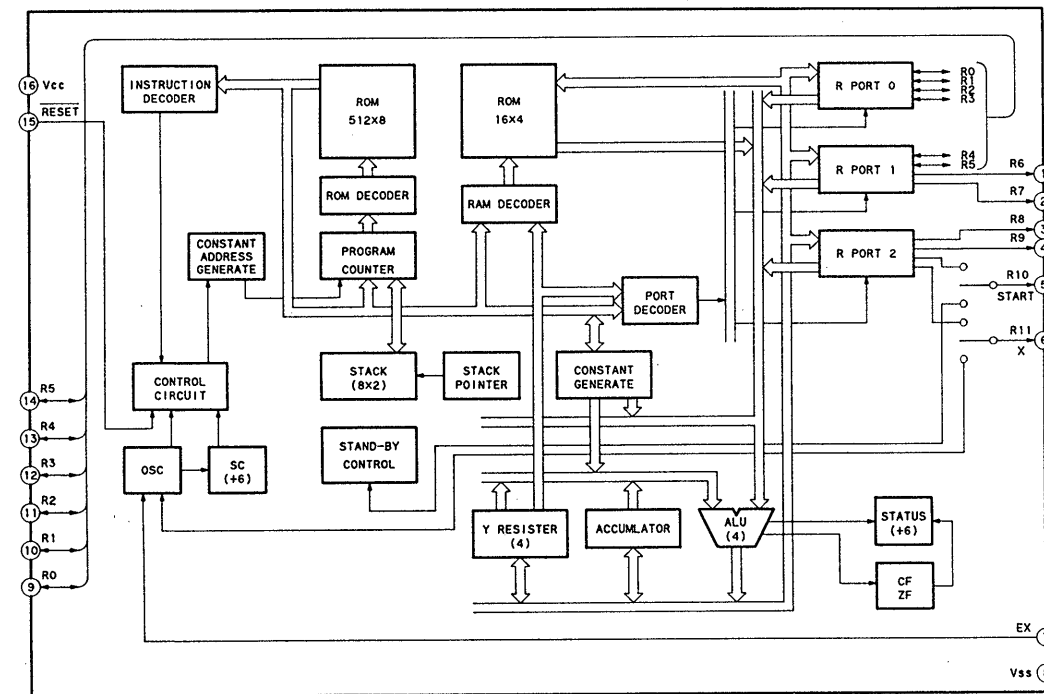
- **IC Block Diagram**



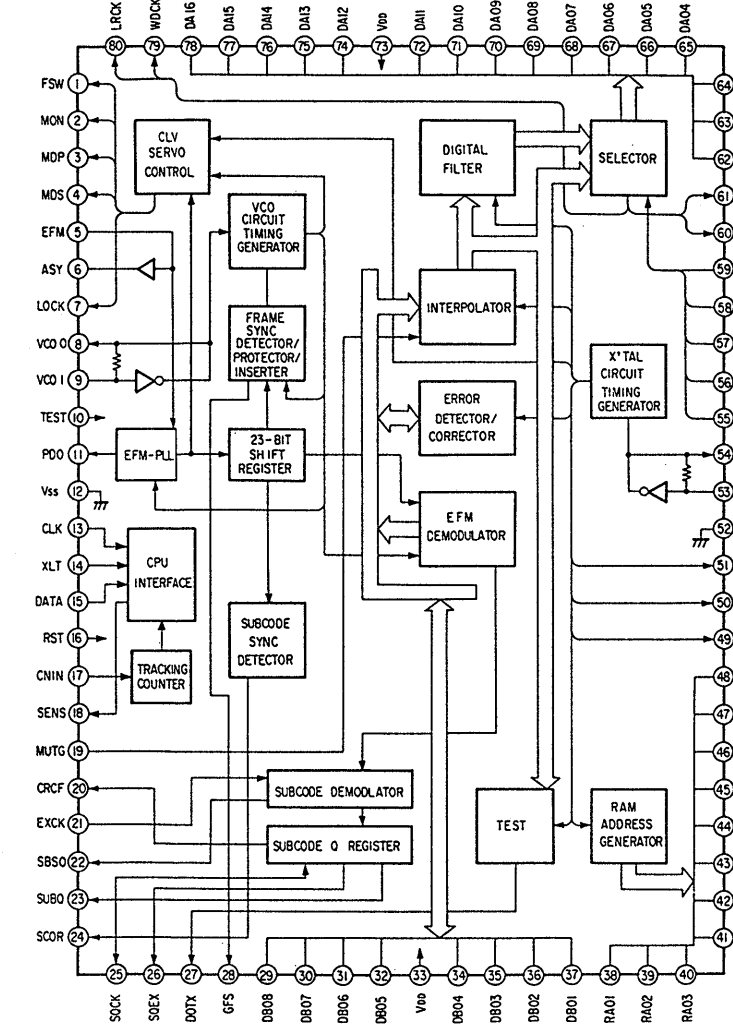
IC702 CXA1182Q



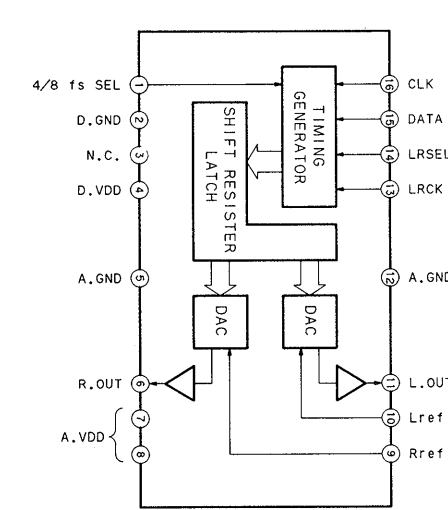
IC305 MB88201-673K



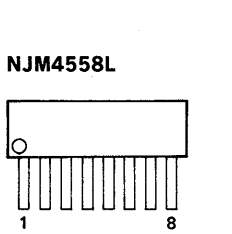
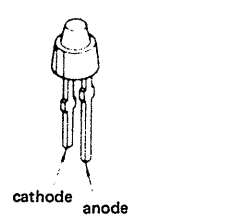
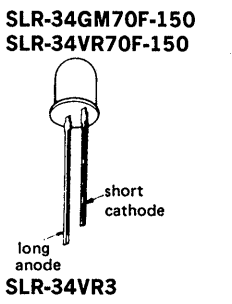
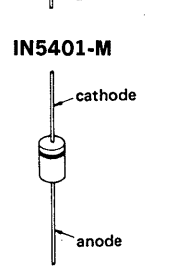
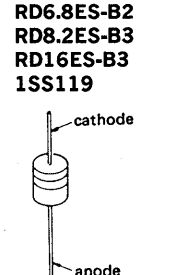
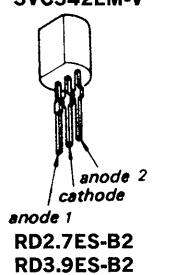
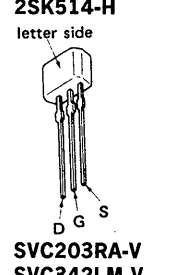
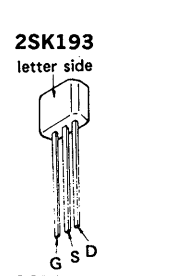
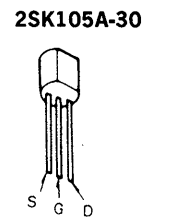
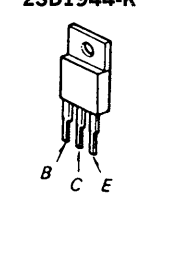
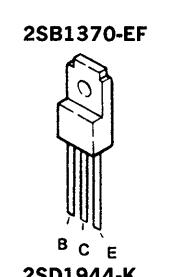
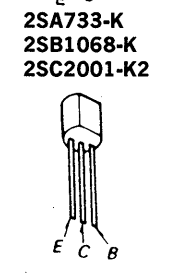
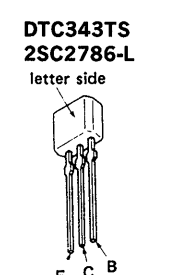
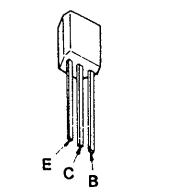
IC703 CXD1130Q



IC707 μ PD6376





6-10. SEMICONDUCTOR LEAD LAYOUTS



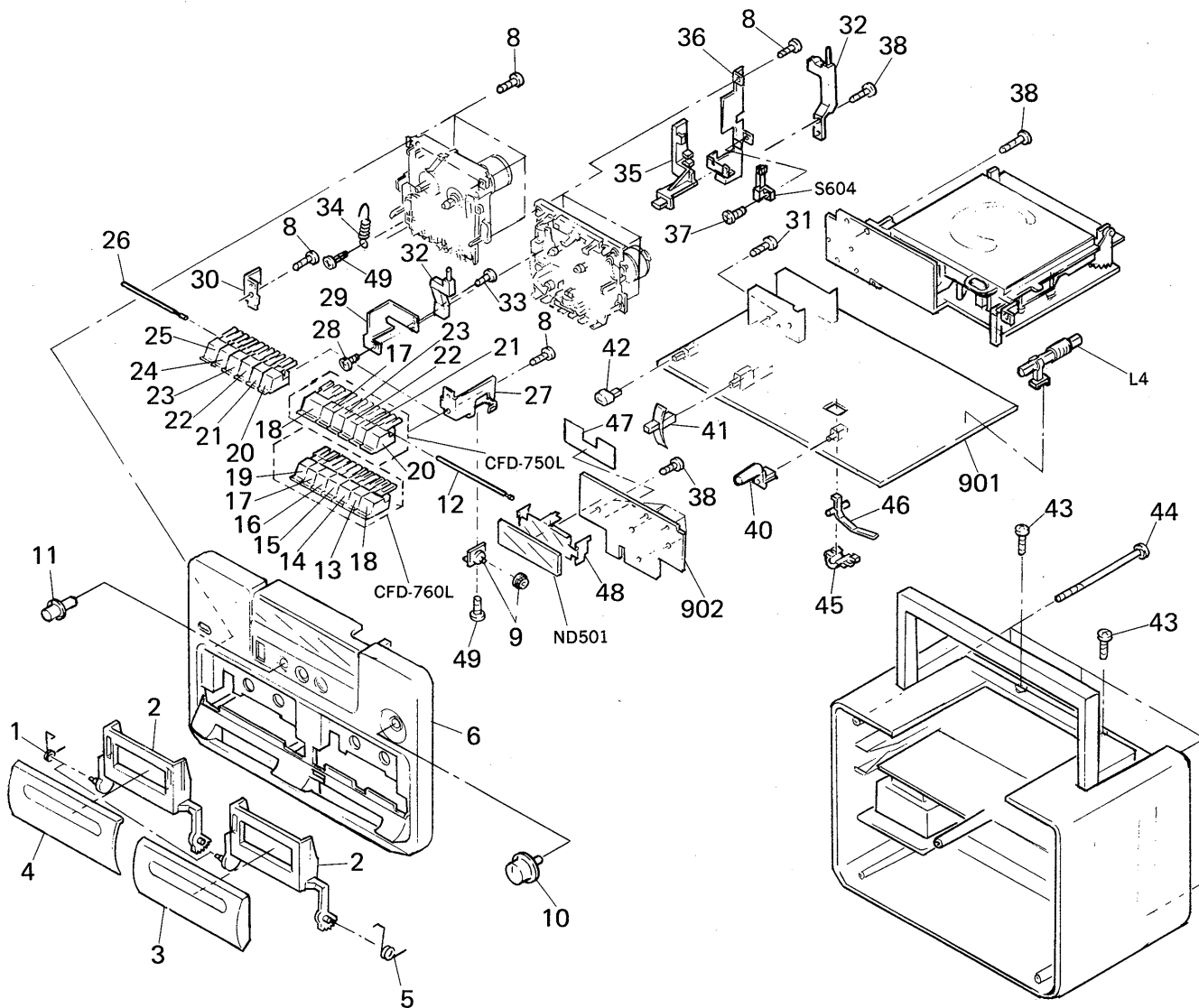
SECTION 7

EXPLODED VIEWS

NOTE:

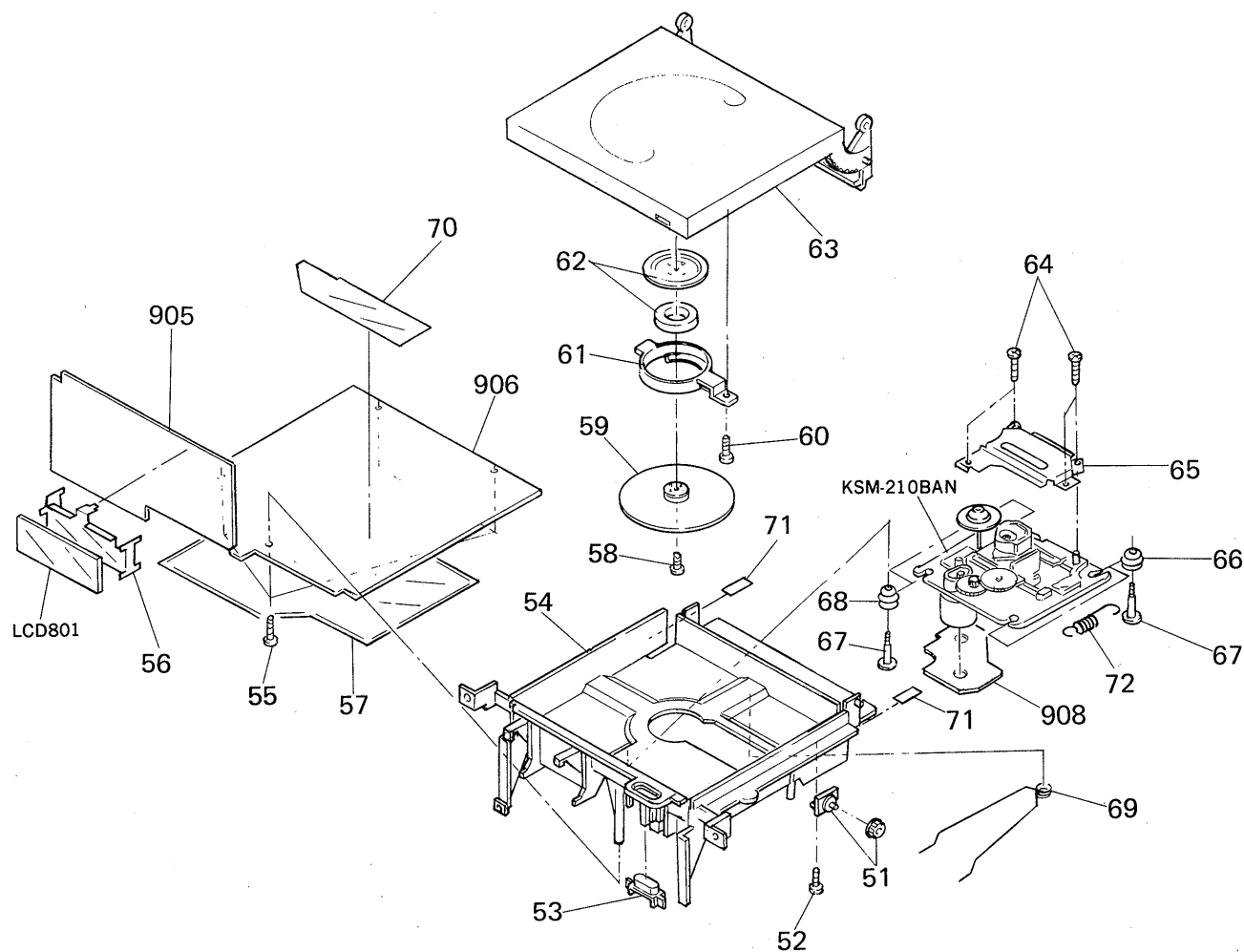
- The components identified by mark  or dotted line with mark  are critical for safety. Replace only with part number specified.

7-1. CABINET SECTION



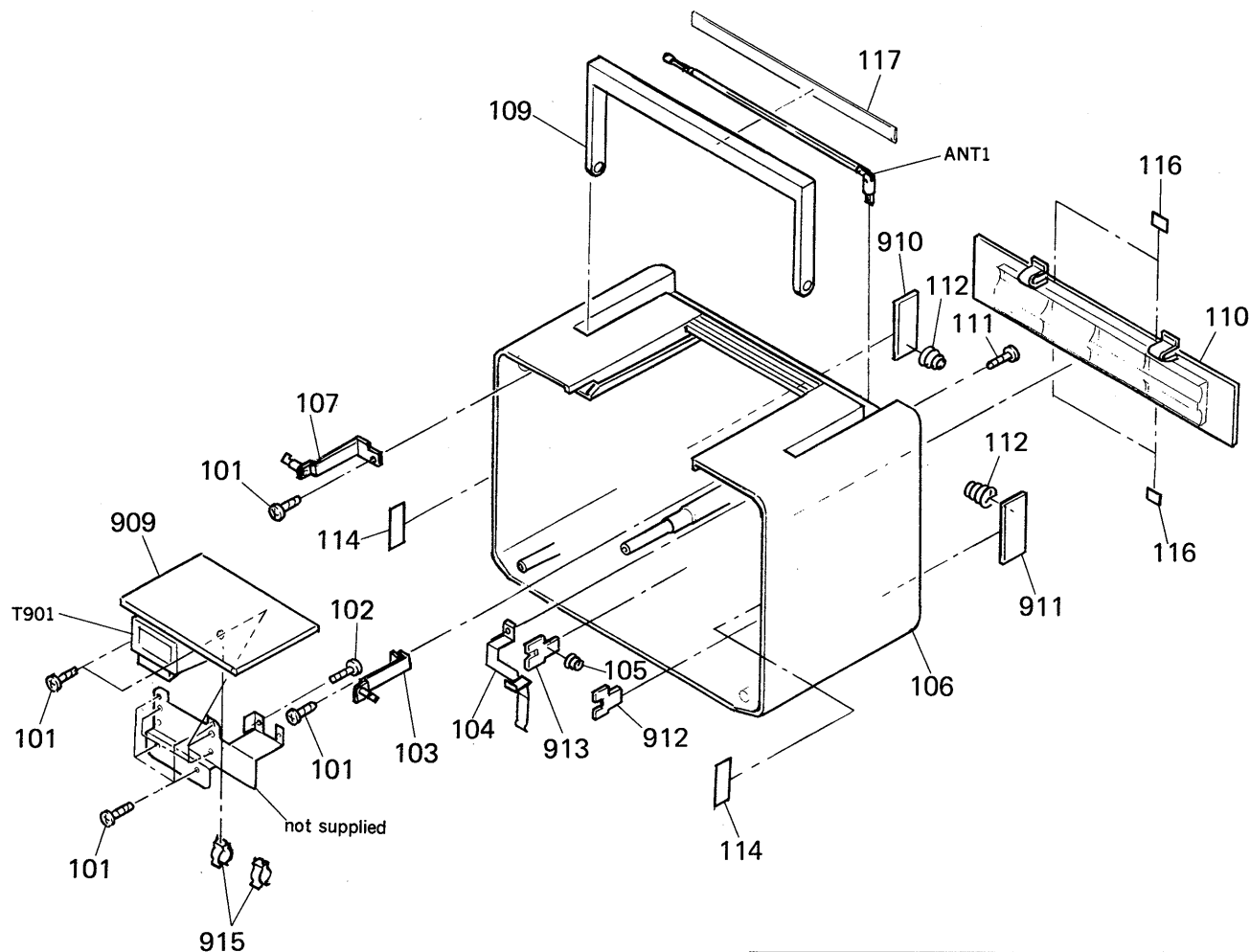
No.	Part No.	Description	Remarks	No.	Part No.	Description	Remarks
1	4-938-733-01	SPRING (TC) (A), UP		29	*4-938-752-01	(760L)...BRACKET, REC ARM	
2	4-938-712-01	HOLDER, CASSETTE		30	4-938-722-01	RETAINER (B), BUTTON	
3	X-4938-709-1	(760L)...LID (22-B) ASSY, CASSETTE		31	7-685-647-79	SCREW, TAPPING +BV 3X10	
	X-4938-717-1	(750L)...LID (24-B) ASSY, CASSETTE		32	4-938-745-01	(760L)...ARM (33), REC	
4	X-4938-708-1	LID (A) ASSY, CASSETTE			4-938-772-01	(750L)...ARM (45), REC	
5	4-938-757-01	(760L)...SPRING (TC) (B), UP		33	7-682-547-04	(760L)...SCREW +P 3X6	
6	X-4938-712-1	(760L)...CABINET (FRONT) ASSY (22)		34	4-930-269-01	SPRING (D), TENSION	
	X-4938-715-1	(750L)...CABINET (FRONT) ASSY (24)		35	4-938-744-01	(760L)...LEVER (DIR)	
8	7-685-648-79	SCREW, TAPPING +BV 3X12		36	*4-938-771-01	(760L)...BRACKET (33), MD	
9	3-351-377-11	DAMPER			4-938-784-01	(750L)...BRACKET (45), MD	
10	4-938-767-01	KNOB (VOL)		37	7-621-770-67	SCREW +BVTT 2.6X6 (S)	
11	4-938-768-01	KNOB (GER)		38	4-931-757-41	SCREW (DIA.2.6X10) (IT3B)	
12	4-938-756-01	SHAFT (B), MD BUTTON		40	4-938-718-01	BUTTON (SPACE SOUND)	
				41	4-938-716-01	LEVER (FUNCTION)	
13	4-938-742-01	(760L)...BUTTON (PAUSE), 33		42	4-938-717-01	BUTTON (POWER)	
14	4-938-741-01	(760L)...BUTTON (FF), 33		43	3-325-679-71	SCREW, TAPPING +BV 3X12	
15	4-938-740-01	(760L)...BUTTON (REW), 33		44	4-918-246-01	SCREW (3X70), + BVTP	
16	4-938-739-01	(760L)...BUTTON (PLAY), 33		45	3-322-316-01	BRACKET, REC LEVER	
17	4-938-738-01	(760L)...BUTTON (REC), 33		46	3-322-317-01	LEVER, REC	
	4-938-770-01	(750L)...BUTTON (REC), 45		47	9-911-863-XX	PAPER (CD MAIN), SHIELD	
18	4-938-743-01	(760L)...BUTTON (STOP/EJECT), 33		48	*4-938-724-01	BRACKET (TU), LCD	
	4-938-773-01	(750L)...BUTTON (STOP/EJECT-B)(45)		49	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
19	4-938-737-01	(760L)...BUTTON (DIR), 33		901	*A-3261-223-A	(760L:AEP)...MOUNTED PCB, MAIN	
20	4-938-750-01	BUTTON (PAUSE), 45			*A-3261-225-A	(750L:AEP)...MOUNTED PCB, MAIN	
21	4-938-749-01	BUTTON (FF), 45			*A-3261-226-A	(750L:WG)...MOUNTED PCB, MAIN	
22	4-938-748-01	BUTTON (REW), 45			*A-3261-300-A	(760L:IT)...MOUNTED PCB, MAIN	
23	4-938-747-01	BUTTON (PLAY), 45			*A-3261-311-A	(750L:IT)...MOUNTED PCB, MAIN	
24	4-938-751-01	BUTTON (HI-SPEED), 45		902	*A-3273-162-A	(760L)...PC BOARD ASSY, TU CONTROL	
25	4-938-746-01	BUTTON (STOP/EJECT-A), 45			*A-3273-167-A	(750L)...PC BOARD ASSY, TU CONTROL	
26	4-938-723-01	SHAFT (A), MD BUTTON		L4	1-402-520-11	ANTENNA, FERRITE-ROD (MW/LW)(including L5)	
27	4-938-721-01	RETAINER (A), BUTTON		ND501	1-809-045-11	DISPLAY PANEL, LIQUID CRYSTAL	
28	7-621-773-86	SCREW +BVTT 2.6X4 (S)		S604	1-572-394-11	(760L:DECK B)...SWITCH, LEAF (REV)	



7-2. CD BLOCK ASSY SECTION





No.	Part No.	Description	Remarks	No.	Part No.	Description	Remarks
51	3-351-377-11	DAMPER		64	7-685-104-19	SCREW +P 2X6 TYPE2 NON-SLIT	
52	7-685-647-79	SCREW, TAPPING +BV 3X10		65	*4-928-936-01	COVER, CD	
53	4-938-709-01	BUTTON, CD EJECT		66	4-922-858-01	DAMPER	
54	4-938-774-01	CABINET (UPPER)		67	4-931-373-01	SCREW, CD FITTING	
55	7-685-648-79	SCREW, TAPPING +BV 3X12		68	4-922-858-11	DAMPER	
56	*4-938-725-01	BRACKET (CD), LCD		69	4-938-732-01	SPRING (CD), UP	
57	9-911-863-XX	PAPER (CD MAIN), SHIELD		70	*4-930-246-11	PAPER (N), SHIELD	
58	7-621-772-00	SCREW +B 2X3		71	3-831-441-XX	CUSHION	
59	3-704-435-01	PLATE (M), CHUCK		72	3-362-512-01	SPRING, TENSION	
60	4-931-757-71	SCREW (DIA.2.6X6) (1T3B)		905	*A-3273-160-A	PC BOARD ASSY, CD CONTROL	
61	4-938-708-01	HOLDER, CHUCKING		906	*A-3222-125-A	PC BOARD ASSY, CD MAIN	
62	1-452-531-11	MAGNET		908	*1-635-267-11	PC BOARD, CD MOTOR	
63	X-4938-702-1	LID ASSY, CD		LCD801	1-809-056-11	DISPLAY PANEL, LIQUID CRYSTAL	

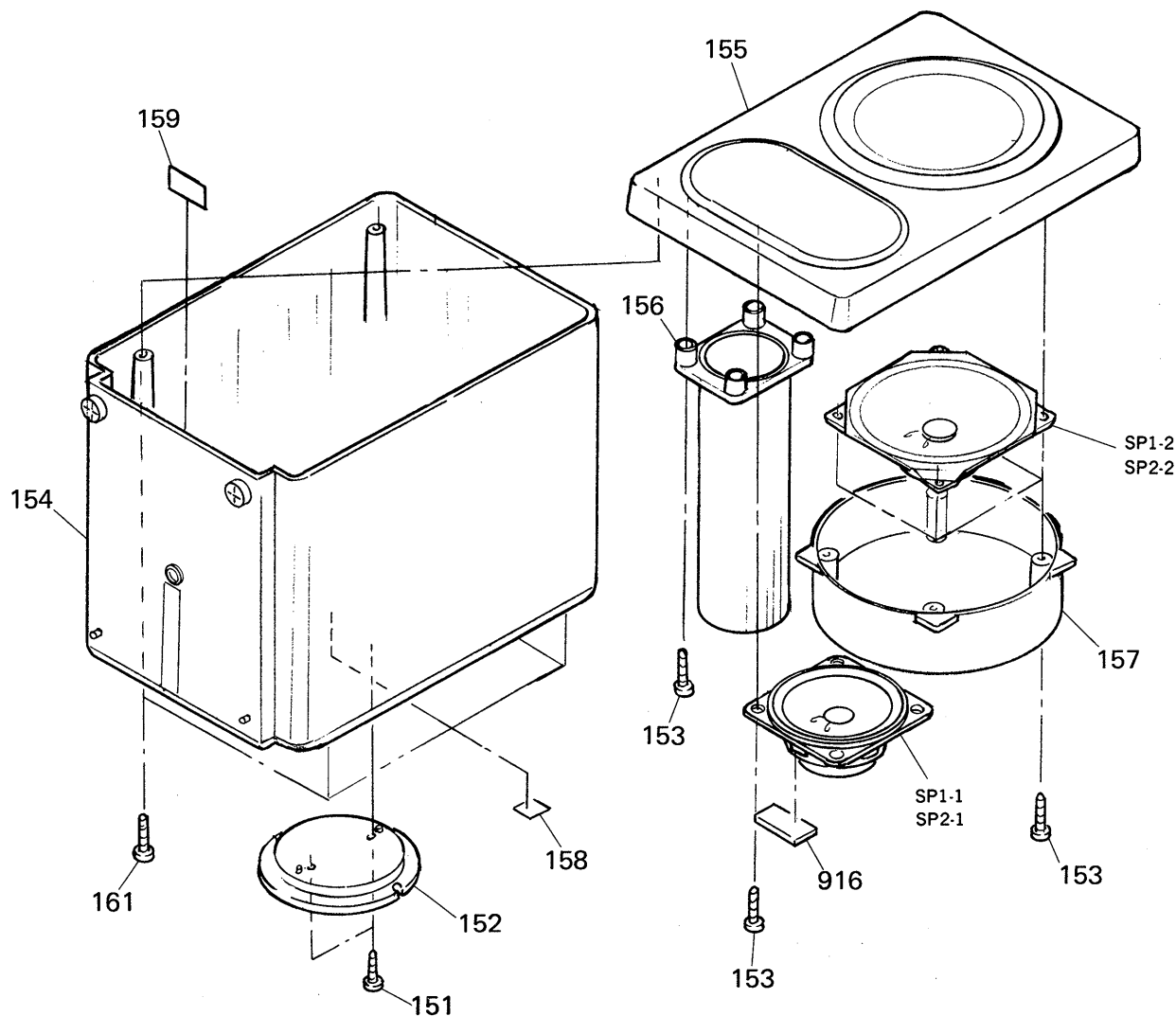
7-3. REAR CABINET SECTION



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

No.	Part No.	Description	Remarks	No.	Part No.	Description	Remarks
101	7-685-648-79	SCREW, TAPPING +BV 3X12		114	3-831-441-XX	CUSHION	
102	7-685-647-79	SCREW, TAPPING +BV 3X10		116	9-911-837-XX	CUSHION	
103	*X-4938-711-1	BRACKET (R) ASSY, HANDLE		117	*3-362-352-01	PLATE, BLIND HAND	
104	*4-938-769-01	TERMINAL BOARD (A), ANT		909	*1-635-272-11	PC BOARD, POWER	
105	4-938-731-01	SPRING (B), BATTERY		910	*1-635-270-11	PC BOARD, BATTERY (C)	
106	4-938-763-11	(WG,IT,UK)...CABINET (REAR)		911	*1-635-271-11	PC BOARD, BATTERY (D)	
	4-938-763-21	(AEP).....CABINET (REAR)		912	*1-635-269-11	PC BOARD, BATTERY (B)	
107	*X-4938-710-1	BRACKET (L) ASSY, HANDLE		913	*1-635-268-11	PC BOARD, BATTERY (A)	
109	4-938-710-01	HANDLE		915	1-533-233-11	HOLDER, FUSE	
110	4-938-711-01	LID, BATTERY CASE		ANT1	1-501-480-11	ANTENNA, FERRITE-ROD	
111	7-682-548-04	SCREW +B 3X8		T901	 1-450-165-11	(EXCEPT UK)...TRANSFORMER, POWER	
112	4-938-730-01	SPRING (A), BATTERY		T901	 1-450-166-11	(UK).....TRANSFORMER, POWER	

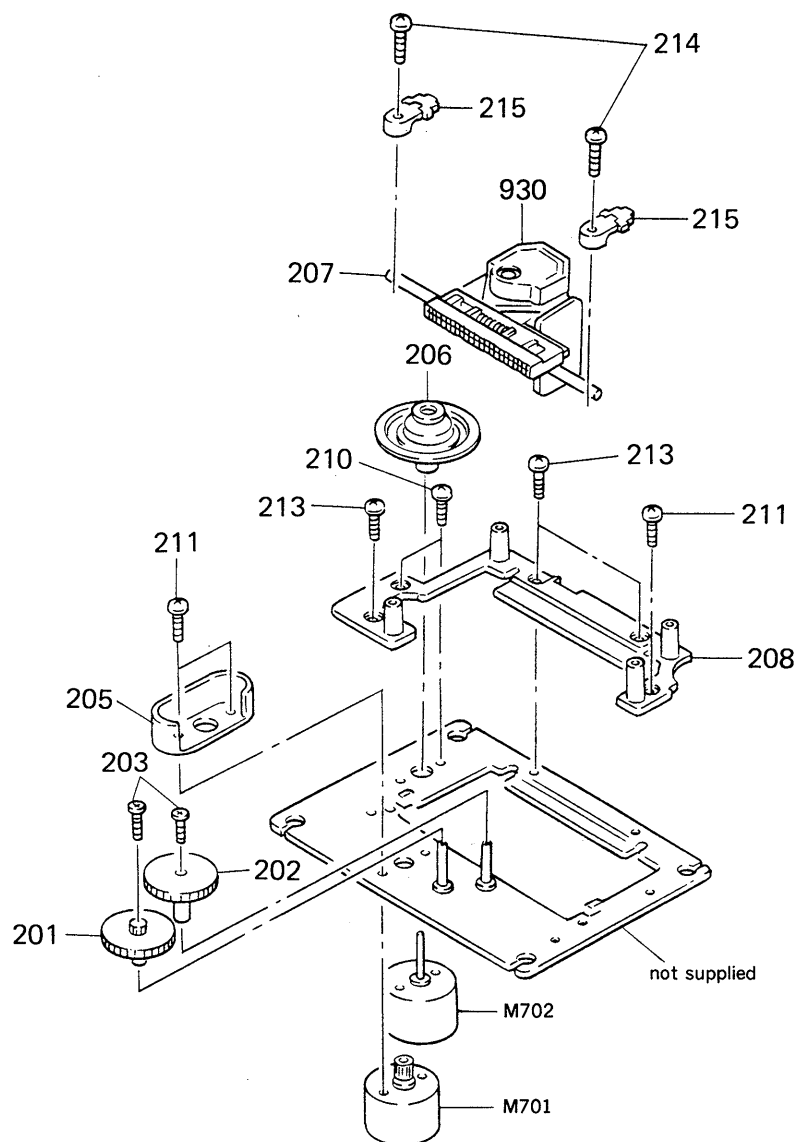
7-4. SPEAKER BOX SECTION






No.	Part No.	Description	Remarks
151	3-325-679-71	SCREW, TAPPING +BV 3X12	
152	4-938-755-01	REEL, SP	
153	7-685-648-79	SCREW, TAPPING +BV 3X12	
154	4-937-661-11	BOX (REAR) (R), SP (760L R Ch)	
	4-937-662-11	BOX (REAR) (L), SP (760L L Ch)	
155	X-4938-706-1	SP (FRONT) (L) ASSY (L Ch)	
	X-4938-707-1	SP (FRONT) (R) ASSY (R Ch)	
156	*4-938-705-01	DUCT, SP	
157	*4-938-706-01	COVER, SP	
158	3-831-441-XX	CUSHION	
159	3-831-441-XX	CUSHION	
161	3-325-679-31	SCREW, TAPPING +BV 3X14	

No.	Part No.	Description	Remarks
916	*1-635-273-11	(R Ch)...PC BOARD, SP TERMINAL (R)	
	*1-635-274-12	(L Ch)...PC BOARD, SP TERMINAL (L)	
SP1-1	1-503-867-21	SPEAKER	
SP1-2	1-544-345-11	SPEAKER	
SP2-1	1-503-867-21	SPEAKER	
SP2-2	1-544-345-11	SPEAKER	

7-5. OPTICAL BLOCK (KSM-210BAN)



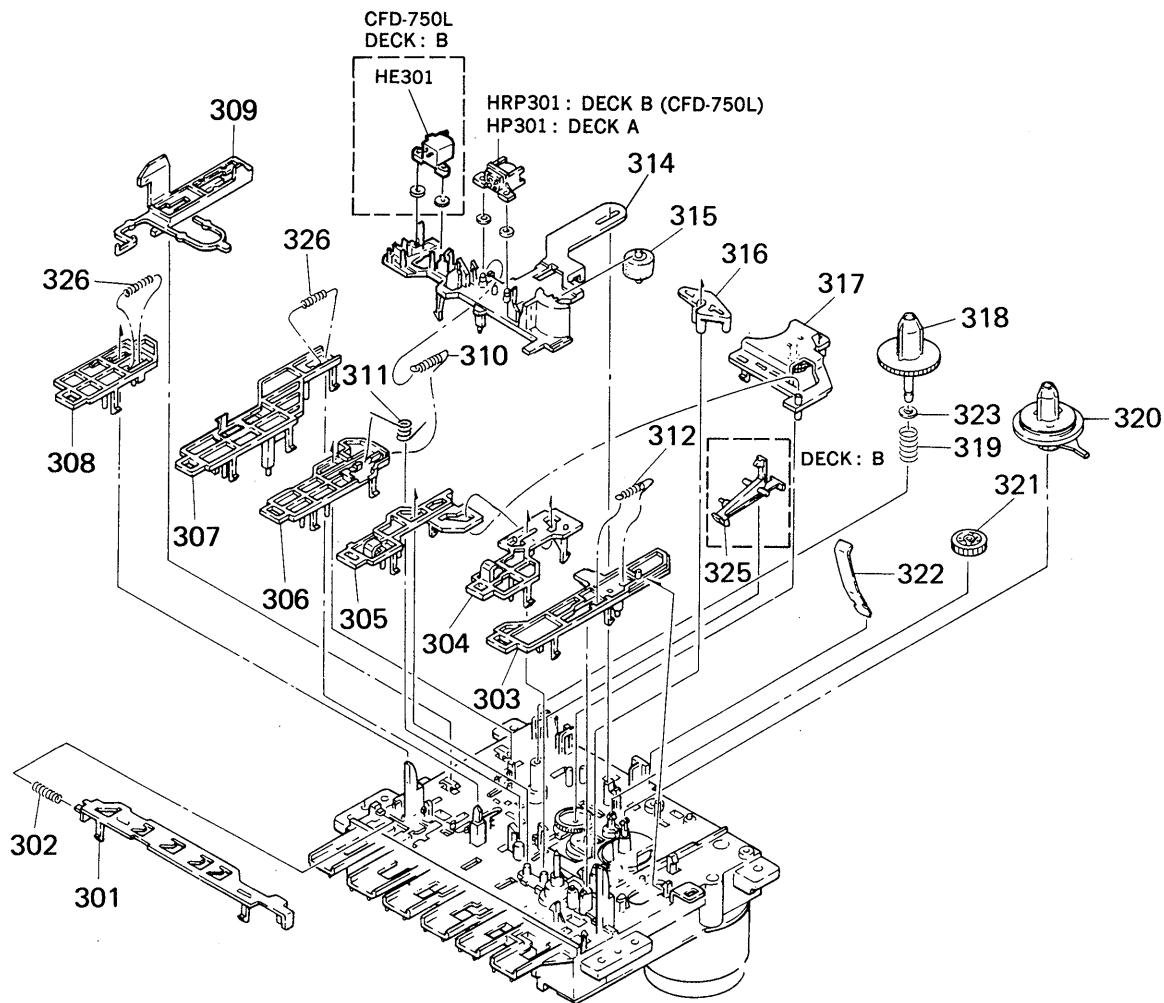
Note: The components identified by mark  or dotted line with mark  are critical for safety. Replace only with part number specified.

No.	Part No.	Description	Remarks	No.	Part No.	Description	Remarks
201	2-641-403-05	GEAR (B)		211	7-621-255-25	SCREW +P 2X4	
202	2-641-404-02	GEAR (A)		213	7-621-255-45	SCREW +PTT 2X6 (S)	
203	3-303-809-31	SCREW (M1.7X3.0), SPECIAL HEAD		214	2-641-447-01	SCREW (2.6X8), + STP	
205	*2-641-434-01	COVER, GEAR		215	2-641-448-02	CLAMP, SHAFT	
206	X-2640-771-1	TURNTABLE ASSY (RP)		930	 8-848-137-11	DEVICE, OPTICAL KSS-210B	
207	*4-910-431-01	SHAFT, SLIDE		M701	X-2641-357-1	GEAR (N) ASSY, SLED MOTOR	
208	2-641-444-01	HOLDER, CHASSIS		M702	1-541-352-11	MOTOR (SPINDLE)	
210	7-621-255-15	SCREW +P 2X3					

7-6. MECHANISM SECTION (1)

DECK A: MF-D750PB-64

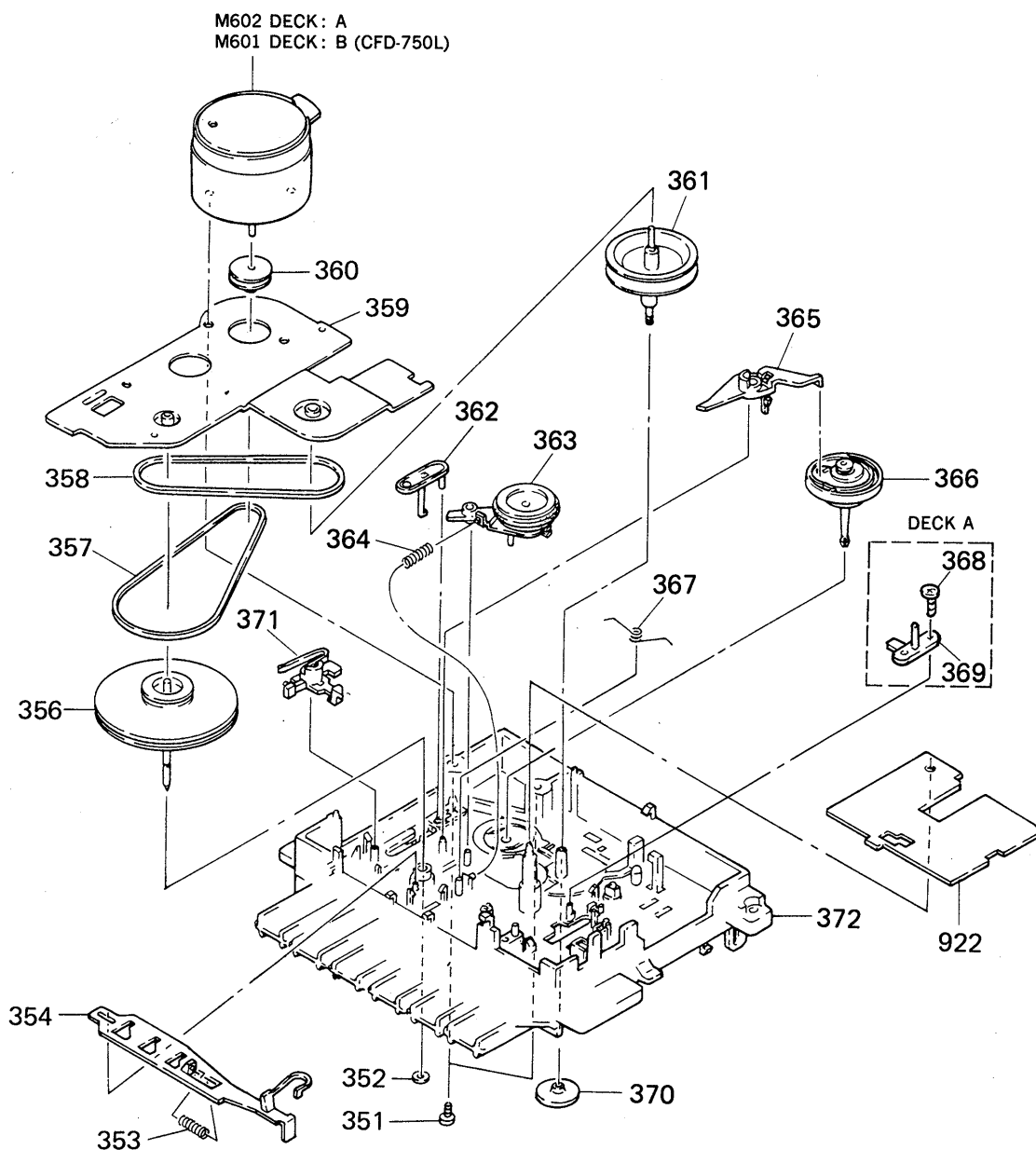
DECK B: MF-D750RP-64 (CFD-750L)



No.	Part No.	Description	Remarks
301	4-932-695-01	SLIDER (FR), LOCK	
302	4-932-656-01	SPRING, COMPRESSION (SW LOC)	
303	4-928-994-01	LEVER, PAUSE	
304	4-928-993-01	LEVER, FF	
305	4-928-992-01	LEVER, REW	
306	4-928-991-01	LEVER, PLAY	
307	4-921-195-01	LEVER (AC), REC	
308	4-928-985-01	LEVER, STOP	
309	4-936-206-01	SLIDER (S), EJECT	
310	4-928-972-01	SPRING, TENSION	
311	4-928-973-01	SPRING	
312	3-313-372-01	SPRING, TENSION	
314	X-4920-345-1	(DECK A)....BASE (S) ASSY, HEAD	
	4-921-196-01	(750L:DECK B)....DECK (AC), HEAD	

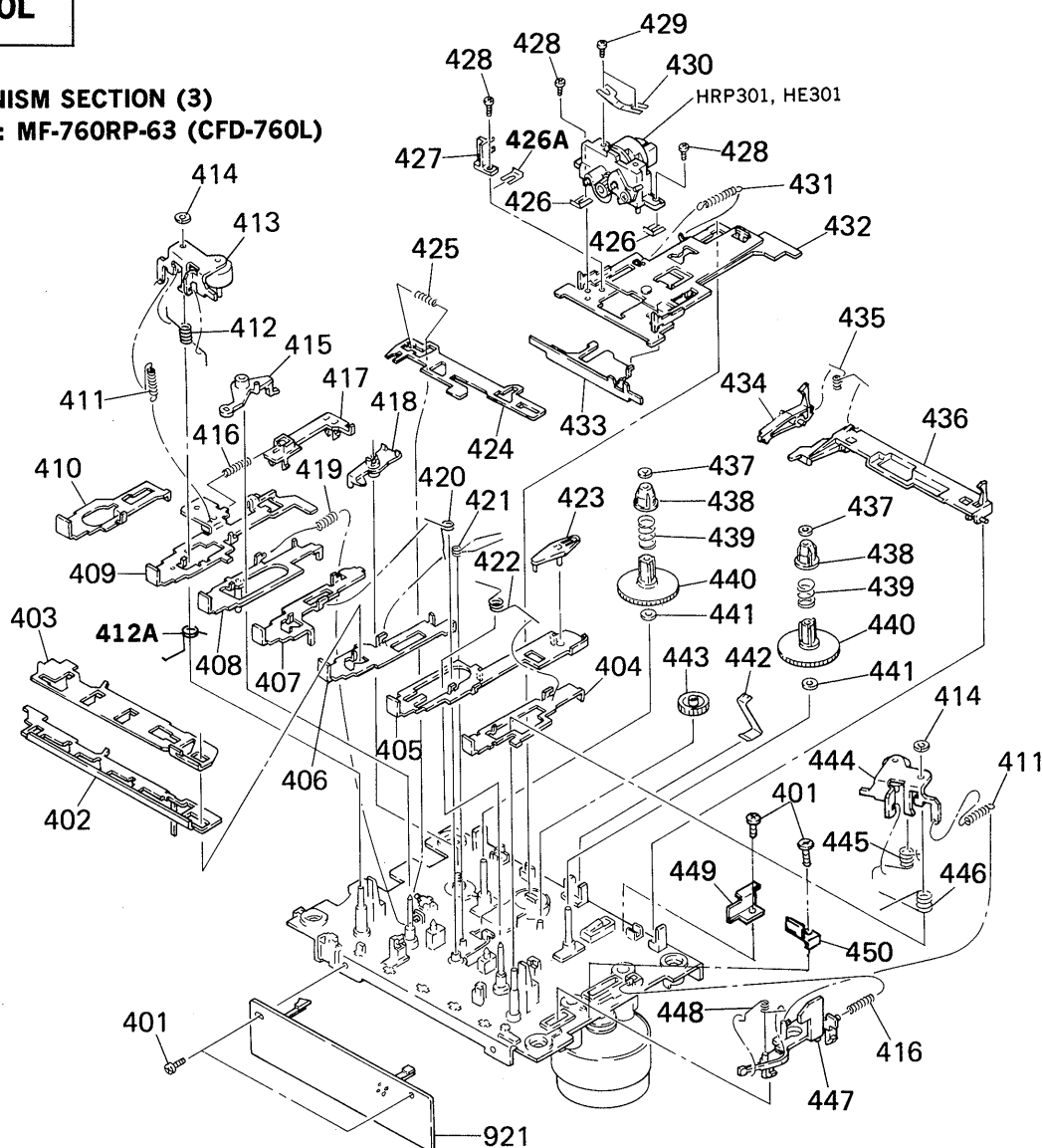
No.	Part No.	Description	Remarks
315	4-928-962-01	PINCH ROLLER	
316	4-928-982-01	LEVER (C)	
317	X-4920-347-1	LEVER (S) ASSY, FR	
318	4-928-978-01	GEAR (C), SUPPLY REEL	
319	3-343-381-01	SPRING, COMPRESSION	
320	X-4920-350-1	GEAR (S) ASSY, T REEL	
321	3-343-285-01	GEAR, FF	
322	4-928-957-01	RETAINER, CASSETTE	
323	4-931-795-11	WASHER	
325	4-928-960-02	(750L:DECK B)...CLAW SAFETY	
326	4-932-648-01	SPRING, COMPRESSION (REC STOP)	
HE301	1-543-535-11	(750L:DECK B)...HEAD, MAGNETIC (ERASE)	
HP301	1-543-714-11	(DECK A).....HEAD, MAGNETIC (PB)	
HRP301	1-543-714-11	(750L:DECK B)...HEAD, MAGNETIC (REC/PB)	

7-7. MECHANISM SECTION (2)
DECK A: MF-D750PB-64
DECK B: MF-D750RP-64 (CFD-750L)



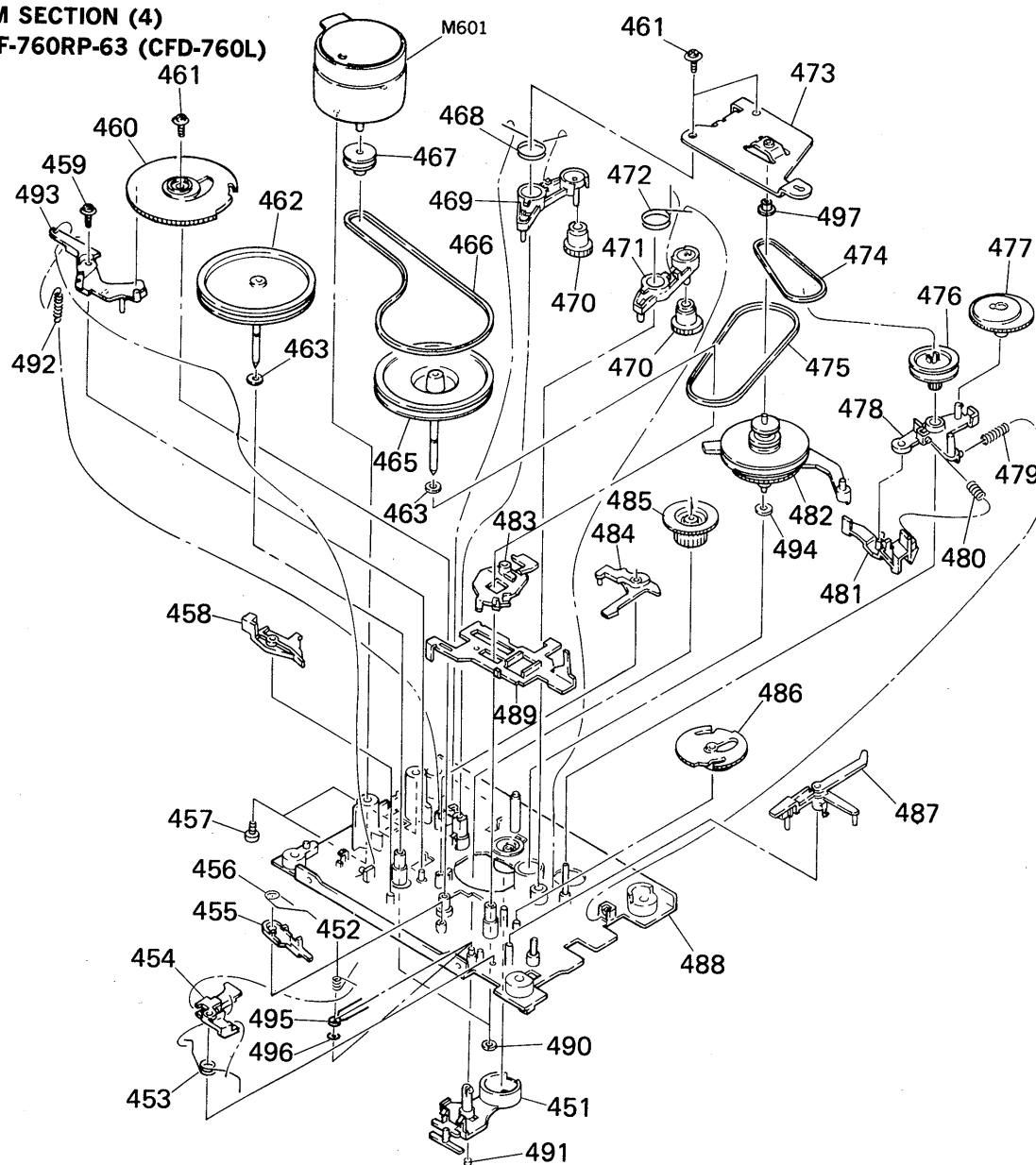
No.	Part No.	Description	Remarks	No.	Part No.	Description	Remarks
351	7-621-775-20	SCREW +B 2.6X5		365	4-928-986-01	LEVER (S), SHUT-OFF	
352	3-343-358-01	RING, RETAINING		366	X-4918-582-1	PLATE ASSY, TAKE-UP REEL	
353	4-932-656-01	SPRING, COMPRESSION (SW LOC)		367	4-928-958-01	SPRING, FR RETURN	
354	4-928-996-01	LEVER, SW		368	7-685-132-19	(DECK A)...SCREW +P 2.6X5 TYPE2 NON-SLIT	
356	X-4920-349-1	WHEEL (S) ASSY, CAPSTAN		369	4-928-976-01	(DECK A)...LEVER, SW	
357	3-453-112-00	BELT (CAPSTAN)		370	4-928-967-01	GEAR (C), MIDWAY	
358	4-928-974-01	BELT (MIDWAY)		371	4-928-987-01	LEVER (T), SHUT-OFF	
359	*X-4918-598-1	PLATE ASSY, GROUND		372	*X-4918-579-1	CHASSIS ASSY, MECHANICAL	
360	X-3326-704-1	PULLEY (H), MOTOR		922	*1-635-711-11	(DECK A).....PC BOARD, MD LEAF SW (A)	
361	X-4918-580-1	PULLEY ASSY, FR			*1-635-712-11	(750L:DECK B)...PC BOARD, MD LEAF SW (B)	
362	4-928-961-01	PLATE, PAUSE LOCK					
363	X-4920-346-1	LEVER (S) ASSY, IDLER		M601	1-541-753-11	(750L:DECK B)...MOTOR, DC (EG-530KD-2B)	
364	4-932-655-01	SPRING, COMPRESSION (ID)		M602	1-541-753-11	(DECK A).....MOTOR, DC (EG-530KD-2B)	

7-8. MECHANISM SECTION (3)
DECK B: MF-760RP-63 (CFD-760L)



No.	Part No.	Description	Remarks	No.	Part No.	Description	Remarks
401	3-342-917-11	SCREW (IT3-C), TAPPING, + B		427	4-930-438-01	GUIDE, TAPE	
402	*4-930-461-01	LEVER, SW		428	7-627-553-47	PRECISION SCREW +P 2X4 TYPE 3	
403	*4-930-460-01	PLATE (AWS), LOCK		429	3-344-788-01	SCREW, AZIMUTH ADJUSTMENT	
404	*4-930-455-11	LEVER, STOP		430	4-930-440-01	SPRING	
405	*4-930-458-11	LEVER, PAUSE		431	4-932-696-01	SPRING, TENSION	
406	*4-930-482-11	LEVER (A), FF		432	*X-4918-595-1	BASE ASSY, HEAD	
407	*4-930-454-11	LEVER (A), REW		433	*4-930-471-01	SLIDER, HD SELECTION	
408	*4-930-456-11	LEVER, DIRECTION		434	4-930-481-01	CLAW (A), ERASING PROTECTION	
409	*4-930-459-11	LEVER, REC		435	4-930-451-01	SPRING	
410	*X-4918-591-1	LEVER ASSY, FWD		436	4-930-480-01	CLAW (B), ERASING PROTECTION	
411	4-930-450-01	SPRING, TENSION		437	3-701-437-01	WASHER	
412	4-930-434-01	SPRING (R)		438	4-930-408-01	CLAW, REEL	
412A	4-931-770-01	SPRING		439	4-931-747-01	SPRING, COMPRESSION	
413	X-4918-589-1	PINCH ARM (R) ASSY		440	4-930-407-01	TABLE, REEL	
414	4-932-626-11	RING, RETAINING		441	4-932-605-11	WASHER	
415	4-930-417-01	LEVER, RELEASE, LOCK PLATE		442	4-930-422-01	RETAINER, CASSETTE	
416	3-344-751-01	SPRING, COMPRESSION		443	4-930-409-01	GEAR, MIDWAY	
417	4-930-464-01	LEVER, DETECTION		444	X-4918-590-1	PINCH ARM (F) ASSY	
418	4-930-467-01	LEVER, CLAW DETECTION		445	4-930-435-01	SPRING (F)	
419	4-930-433-01	SPRING, COMPRESSION		446	4-930-428-01	SPRING	
420	4-930-429-01	SPRING		447	4-930-463-01	LEVER (B), EJECT	
421	4-930-423-01	SPRING		448	4-930-453-01	SPRING	
422	4-930-437-01	SPRING		449	*4-932-661-01	PLATE, FIXED	
423	4-930-416-01	PLATE, LOCK, PAUSE		450	*4-932-606-01	RETAINER (33)	
424	*4-930-457-01	LEVER, FR		921	*1-630-400-21	(760L:DECK B)...PC BOARD, MD	
425	3-344-726-01	SPRING, COMPRESSION		HE301	A-3114-095-A	(760L:DECK B)...HEAD ASSY, ROTARY	
426	3-336-274-01	SHIM (0.1)		HRP301	A-3114-095-A	(760L:DECK B)...HEAD ASSY, ROTARY	
	3-336-274-11	SHIM (0.2)					
426A	4-932-603-01	SHIM (0.1)					
	4-932-603-11	SHIM (0.2)					

7-9. MECHANISM SECTION (4)
DECK B: MF-760RP-63 (CFD-760L)



No.	Part No.	Description	Remarks	No.	Part No.	Description	Remarks
451	4-930-466-01	ARM, FWD		475	3-139-109-00	BELT	
452	4-932-645-01	SPRING (B)		476	3-344-098-01	GEAR, S	
453	4-930-448-01	SPRING		477	4-930-475-01	GEAR, S CAM	
454	4-930-469-01	LEVER (A), DIRECTION		478	4-930-474-01	LEVER, SHUT-OFF DETECTION	
455	4-930-465-01	LEVER, FWD LOCK		479	3-344-751-01	SPRING, COMPRESSION	
456	4-931-748-01	SPRING		480	3-344-060-01	SPRING, COMPRESSION	
457	7-621-773-86	SCREW +P 2.6X4		481	4-930-468-01	LEVER, SHUT-OFF	
458	4-930-415-01	LEVER, CR		482	X-4918-586-1	LIMITER ASSY, FR	
459	3-344-737-11	SCREW (B1.4X6), TAPPING		483	4-930-470-01	LEVER (B), DIRECTION	
460	4-930-476-01	GEAR, SET-UP		484	4-930-414-01	LEVER (B), PAUSE	
461	3-344-729-01	SCREW (B2), TAPPING, WASHER HEAD		485	4-930-410-01	GEAR (B), FWD	
462	X-4919-974-1	FLYWHEEL (F) ASSY		486	4-930-479-01	GEAR, D	
463	3-701-437-81	WASHER		487	3-344-041-01	LEVER, MODE SELECTION	
465	X-4919-975-1	FLYWHEEL (R) ASSY		488	X-4920-368-1	CHASSIS ASSY, MECHANICAL	
466	3-337-704-01	BELT		489	*4-930-485-01	SLIDER, D	
467	X-3344-021-1	PULLEY (W), MOTOR		490	3-343-358-01	RING, RETAINING	
468	4-930-419-01	SPRING		491	4-931-752-11	SPACER	
469	4-930-413-01	LEVER (B), FF		492	4-931-765-01	SPRING, TENSION	
470	4-930-411-01	GEAR (B), FR		493	X-4920-333-1	LEVER (B) ASSY, FWD LIMITER	
471	4-930-412-01	LEVER (B), REW		494	3-701-437-01	WASHER	
472	4-930-420-01	SPRING		495	4-931-764-01	SPRING	
473	*4-930-969-01	BEARING, FR LIMITER		496	*4-920-369-01	RETAINER, THRUST	
474	3-306-816-00	BELT		497	3-322-566-01	BEARING, PULLEY	
				M601	1-541-754-11	(760L:DECK B)...MOTOR, DC (EG-530KD-2F)	

SECTION 8 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.
- Items marked "★" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- If there are two or more same circuits in a set such as a stereophonic machine, only typical circuit parts may be indicated and capacitors and resistors in other same circuits may be omitted.



CAPACITORS:MF: μ F, PF: μ F.**RESISTORS**

- All resistors are in ohms.
- F: nonflammable

COILS

- MMH: mH, UH: μ H

SEMICONDUCTORSIn each case, U: μ , for example:UA....: μ A...., UPA....: μ PA....,UPC....: μ PC, UPD....: μ PD....

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	Ref.No.	Part No.	Description
901	*A-3261-223-A	(760L:AEP)...MOUNTED PCB, MAIN	C22	1-161-050-00	CERAMIC 0.0082MF 10% 25V
	*A-3261-225-A	(750L:AEP)...MOUNTED PCB, MAIN	C23	1-161-050-00	CERAMIC 0.0082MF 10% 25V
	*A-3261-226-A	(750L:WG)...MOUNTED PCB, MAIN	C24	1-124-902-00	ELECT 0.47MF 20% 50V
	*A-3261-300-A	(760L:IT)...MOUNTED PCB, MAIN	C25	1-124-902-00	ELECT 0.47MF 20% 50V
	*A-3261-311-A	(750L:IT)...MOUNTED PCB, MAIN	C30	1-161-055-00	CERAMIC 0.022MF 10% 25V
902	*A-3273-162-A	(760L)...PC BOARD ASSY, TU CONTROL	C34	1-162-199-31	CERAMIC 10PF 5% 50V
	*A-3273-167-A	(750L)...PC BOARD ASSY, TU CONTROL	C35	1-162-851-11	CERAMIC 0.1MF 16V
905	*A-3273-160-A	PC BOARD ASSY, CD CONTROL	C36	1-161-055-00	CERAMIC 0.022MF 10% 25V
906	*A-3222-125-A	PC BOARD ASSY, CD MAIN	C38	1-162-851-11	CERAMIC 0.1MF 16V
908	*1-635-267-11	PC BOARD, CD MOTOR	C41	1-101-059-00	CERAMIC 510PF 5% 50V
909	*1-635-272-11	PC BOARD, POWER	C42	1-162-205-31	CERAMIC 18PF 5% 50V
910	*1-635-270-11	PC BOARD, BATTERY (C)	C43	1-162-280-31	CERAMIC 82PF 10% 50V
911	*1-635-271-11	PC BOARD, BATTERY (D)	C44	1-102-980-00	CERAMIC 270PF 5% 50V
912	*1-635-269-11	PC BOARD, BATTERY (B)	C52	1-161-055-00	CERAMIC 0.022MF 10% 25V
913	*1-635-268-11	PC BOARD, BATTERY (A)	C53	1-162-205-31	CERAMIC 18PF 5% 50V
915	1-533-233-11	HOLDER, FUSE	C55	1-136-165-00	FILM 0.1MF 5% 50V
916	*1-635-273-11	(R Ch)...PC BOARD, SP TERMINAL (R)	C56	1-162-851-11	CERAMIC 0.1MF 16V
	*1-635-274-12	(L Ch)...PC BOARD, SP TERMINAL (L)	C58	1-161-494-00	CERAMIC 0.022MF 25V
921	*1-630-400-21	(760L:DECK B)...PC BOARD, MD	C61	1-161-055-00	CERAMIC 0.022MF 10% 25V
922	*1-635-711-11	(DECK A).....PC BOARD, MD LEAF SW(A)	C63	1-161-379-00	CERAMIC 0.01MF 30% 16V
922	*1-635-712-11	(750L:DECK B)..PC BOARD, MD LEAF SW(B)	C64	1-162-294-31	CERAMIC 0.001MF 10% 50V
930	▲.8-848-137-11	DEVICE, OPTICAL KSS-210B	C65	1-161-494-00	CERAMIC 0.022MF 25V
ANT1	1-501-480-11	ANTENNA, FERRITE-ROD	C66	1-161-051-00	CERAMIC 0.01MF 10% 25V
C1	1-161-379-00	CERAMIC 0.01MF 30% 16V	C67	1-161-379-00	CERAMIC 0.01MF 30% 16V
C2	1-162-294-31	CERAMIC 0.001MF 10% 50V	C70	1-161-379-00	CERAMIC 0.01MF 30% 16V
C3	1-124-472-11	ELECT 470MF 20% 10V	C71	1-161-055-00	CERAMIC 0.022MF 10% 25V
C4	1-161-379-00	CERAMIC 0.01MF 30% 16V	C72	1-161-379-00	CERAMIC 0.01MF 30% 16V
C5	1-162-195-31	CERAMIC 4.7PF 10% 50V	C73	1-161-379-00	CERAMIC 0.01MF 30% 16V
C6	1-161-379-00	CERAMIC 0.01MF 30% 16V	C74	1-124-443-00	ELECT 100MF 20% 10V
C7	1-162-205-31	CERAMIC 18PF 5% 50V	C76	1-162-851-11	CERAMIC 0.1MF 10% 16V
C8	1-162-192-31	CERAMIC 2.7PF 10% 50V	C78	1-161-051-00	CERAMIC 0.01MF 10% 25V
C9	1-123-382-00	ELECT 3.3MF 20% 50V	C80	1-161-379-00	CERAMIC 0.01MF 30% 16V
C10	1-124-443-00	ELECT 100MF 20% 10V	C81	1-162-282-31	CERAMIC 100PF 10% 50V
C11	1-161-379-00	CERAMIC 0.01MF 30% 16V	C82	1-161-021-11	CERAMIC 0.047MF 10% 25V
C12	1-161-379-00	CERAMIC 0.01MF 30% 16V	C83	1-162-851-11	CERAMIC 0.1MF 16V
C13	1-161-379-00	CERAMIC 0.01MF 30% 16V	C85	1-161-494-00	CERAMIC 0.022MF 25V
C14	1-124-927-11	ELECT 4.7MF 20% 50V	C86	1-162-282-31	CERAMIC 100PF 10% 50V
C15	1-124-791-11	ELECT 1MF 20% 50V	C87	1-161-021-11	CERAMIC 0.047MF 10% 25V
C16	1-124-477-11	ELECT 47MF 20% 16V	C88	1-161-379-00	CERAMIC 0.01MF 30% 16V
C17	1-124-477-11	ELECT 47MF 20% 16V	C89	1-162-215-31	CERAMIC 47PF 5% 50V
C18	1-161-379-00	CERAMIC 0.01MF 30% 16V	C90	1-161-051-00	CERAMIC 0.01MF 10% 25V
C19	1-124-791-11	ELECT 1MF 20% 50V	C91	1-162-201-31	CERAMIC 12PF 5% 50V
C20	1-124-902-00	ELECT 0.47MF 20% 50V	C92	1-162-282-31	CERAMIC 100PF 10% 50V
C21	1-124-927-11	ELECT 4.7MF 20% 50V	C93	1-162-286-31	CERAMIC 220PF 10% 50V
			C101	1-162-290-31	CERAMIC 470PF 10% 50V

Ref.No.	Part No.	Description							
C102	1-162-290-31	(750L)...CERAMIC	470PF	10%	50V				
C102	1-162-292-31	(760L)...CERAMIC	680PF	10%	50V				
C103	1-162-290-31	CERAMIC	470PF	10%	50V				
C104	1-162-286-31	CERAMIC	220PF	10%	50V				
C105	1-124-477-11	ELECT	47MF	20%	16V				
C106	1-161-054-00	CERAMIC	0.018MF	10%	25V				
C107	1-124-791-11	ELECT	1MF	20%	50V				
C110	1-124-791-11	ELECT	1MF	20%	50V				
C111	1-162-293-31	CERAMIC	820PF	10%	50V				
C112	1-124-477-11	ELECT	47MF	20%	16V				
C113	1-162-294-31	CERAMIC	0.001MF	10%	50V				
C114	1-162-292-31	(750L)...CERAMIC	680PF	10%	50V				
C114	1-162-293-31	(760L)...CERAMIC	820PF	10%	50V				
C116	1-124-791-11	ELECT	1MF	20%	50V				
C117	1-162-282-31	CERAMIC	100PF	10%	50V				
C120	1-124-791-11	ELECT	1MF	20%	50V				
C121	1-130-483-00	MYLAR	0.01MF	5%	50V				
C122	1-130-480-00	MYLAR	0.0056MF	5%	50V				
C123	1-130-482-00	MYLAR	0.0082MF	5%	50V				
C124	1-130-476-00	MYLAR	0.0027MF	5%	50V				
C126	1-161-379-00	CERAMIC	0.01MF	30%	16V				
C130	1-162-207-31	CERAMIC	22PF	5%	50V				
C131	1-124-791-11	ELECT	1MF	20%	50V				
C140	1-124-791-11	ELECT	1MF	20%	50V				
C144	1-162-193-31	CERAMIC	3.3PF	10%	50V				
C145	1-124-791-11	ELECT	1MF	20%	50V				
C146	1-161-327-00	CERAMIC	0.0033MF	20%	16V				
C147	1-124-477-11	ELECT	47MF	20%	16V				
C148	1-162-282-31	CERAMIC	100PF	10%	50V				
C160	1-161-374-11	CERAMIC	0.0015MF	20%	16V				
C161	1-130-491-00	MYLAR	0.047MF	5%	50V				
C162	1-124-902-00	ELECT	0.47MF	20%	50V				
C163	1-124-477-11	ELECT	47MF	20%	16V				
C164	1-124-477-11	ELECT	47MF	20%	16V				
C166	1-136-173-00	FILM	0.47MF	5%	50V				
C167	1-124-360-00	ELECT	1000MF	20%	16V				
C168	1-162-282-31	CERAMIC	100PF	10%	50V				
C169	1-162-285-31	CERAMIC	180PF	10%	50V				
C170	1-162-285-31	CERAMIC	180PF	10%	50V				
C171	1-162-294-31	CERAMIC	0.001MF	10%	50V				
C201	1-162-290-31	CERAMIC	470PF	10%	50V				
C202	1-162-290-31	(750L)...CERAMIC	470PF	10%	50V				
C202	1-162-292-31	(760L)...CERAMIC	680PF	10%	50V				
C203	1-162-290-31	CERAMIC	470PF	10%	50V				
C204	1-162-286-31	CERAMIC	220PF	10%	50V				
C205	1-124-477-11	ELECT	47MF	20%	16V				
C206	1-161-054-00	CERAMIC	0.018MF	10%	25V				
C207	1-124-791-11	ELECT	1MF	20%	50V				
C210	1-124-791-11	ELECT	1MF	20%	50V				
C211	1-162-293-31	CERAMIC	820PF	10%	50V				
C212	1-124-477-11	ELECT	47MF	20%	16V				
C213	1-162-294-31	CERAMIC	0.001MF	10%	50V				
C214	1-162-292-31	(750L)...CERAMIC	680PF	10%	50V				
C214	1-162-293-31	(760L)...CERAMIC	820PF	10%	50V				
C216	1-124-791-11	ELECT	1MF	20%	50V				
C217	1-162-282-31	CERAMIC	100PF	10%	50V				
C220	1-124-791-11	ELECT	1MF	20%	50V				
C221	1-130-483-00	MYLAR	0.01MF	5%	50V				
C222	1-130-480-00	MYLAR	0.0056MF	5%	50V				
C223	1-130-482-00	MYLAR	0.0082MF	5%	50V				
C224	1-130-476-00	MYLAR	0.0027MF	5%	50V				
C226	1-161-379-00	CERAMIC	0.01MF	30%	16V				
C230	1-162-207-31	CERAMIC	22PF	5%	50V				
C231	1-124-791-11	ELECT	1MF	20%	50V				
C240	1-124-791-11	ELECT	1MF	20%	50V				
C244	1-162-193-31	CERAMIC	3.3PF	10%	50V				
C245	1-124-791-11	ELECT	1MF	20%	50V				
C246	1-161-327-00	CERAMIC	0.0033MF	20%	16V				
C247	1-124-477-11	ELECT	47MF	20%	16V				
C248	1-162-282-31	CERAMIC	100PF	10%	50V				
C260	1-161-374-11	CERAMIC	0.0015MF	20%	16V				
C261	1-130-491-00	MYLAR	0.047MF	5%	50V				
C262	1-124-902-00	ELECT	0.47MF	20%	50V				
C263	1-124-477-11	ELECT	47MF	20%	16V				
C264	1-124-477-11	ELECT	47MF	20%	16V				
C266	1-136-173-00	FILM	0.47MF	5%	50V				
C267	1-124-360-00	ELECT	1000MF	20%	16V				
C268	1-162-282-31	CERAMIC	100PF	10%	50V				
C269	1-162-285-31	CERAMIC	180PF	10%	50V				
C270	1-162-285-31	CERAMIC	180PF	10%	50V				
C271	1-162-294-31	CERAMIC	0.001MF	10%	50V				
C301	1-130-471-00	MYLAR	0.001MF	5%	50V				
C302	1-130-474-00	(760L)...MYLAR	0.0018MF	5%	50V				
C302	1-130-475-00	(750L)...MYLAR	0.0022MF	5%	50V				
C303	1-130-481-00	MYLAR	0.0068MF	5%	50V				
C304	1-130-479-00	MYLAR	0.0047MF	5%	50V				
C305	1-123-875-11	ELECT	10MF	20%	50V				
C306	1-130-483-00	MYLAR	0.01MF	5%	50V				
C307	1-130-481-00	MYLAR	0.0068MF	5%	50V				
C308	1-123-875-11	ELECT	10MF	20%	50V				
C310	1-124-477-11	ELECT	47MF	20%	16V				
C311	1-124-477-11	ELECT	47MF	20%	16V				
C312	1-124-443-00	ELECT	100MF	20%	10V				
C313	1-126-233-11	ELECT	22MF	20%	25V				
C320	1-124-927-11	ELECT	4.7MF	20%	50V				
C322	1-124-443-00	ELECT	100MF	20%	10V				
C323	1-124-927-11	ELECT	4.7MF	20%	50V				
C324	1-124-477-11	ELECT	47MF	20%	16V				
C330	1-162-294-31	CERAMIC	0.001MF	10%	50V				
C331	1-124-902-00	ELECT	0.47MF	20%	50V				
C333	1-126-101-11	ELECT	100MF	20%	16V				
C334	1-124-477-11	ELECT	47MF	20%	16V				
C341	1-124-477-11	ELECT	47MF	20%	16V				
C342	1-124-477-11	ELECT	47MF	20%	16V				
C350	1-126-101-11	ELECT	100MF	20%	16V				
C351	1-162-294-31	CERAMIC	0.001MF	10%	50V				
C352	1-124-636-00	ELECT	330OMF	20%	25V				
C360	1-161-021-11	CERAMIC	0.047MF	10%	25V				
C361	1-162-219-31	CERAMIC	68PF	5%	50V				
C362	1-124-443-00	ELECT	100MF	20%	10V				
C363	1-161-379-00	CERAMIC	0.01MF	30%	16V				
C364	1-161-379-00	CERAMIC	0.01MF	30%	16V				
C365	1-124-477-11	ELECT	47MF	20%	16V				
C366	1-124-477-11	ELECT	47MF	20%	16V				

Ref.No.	Part No.	Description				Ref.No.	Part No.	Description			
C367	1-162-294-31	CERAMIC	0.001MF	10%	50V	C706	1-130-489-00	MYLAR	0.033MF	5%	50V
C368	1-161-494-00	CERAMIC	0.022MF		25V	C707	1-131-374-00	TANTALUM	33MF	10%	3.15V
C369	1-161-494-00	CERAMIC	0.022MF		25V	C708	1-130-489-00	MYLAR	0.033MF	5%	50V
C371	1-124-477-11	ELECT	47MF	20%	16V	C709	1-130-483-00	MYLAR	0.01MF	5%	50V
C372	1-124-443-00	ELECT	100MF	20%	10V	C710	1-124-963-11	ELECT	33MF	20%	16V
C373	1-124-120-11	ELECT	220MF	20%	16V	C711	1-162-201-31	CERAMIC	12PF	5%	50V
C374	1-161-379-00	CERAMIC	0.01MF	30%	16V	C712	1-162-201-31	CERAMIC	12PF	5%	50V
C375	1-161-379-00	CERAMIC	0.01MF	30%	16V	C713	1-124-472-11	ELECT	470MF	20%	6.3V
C376	1-123-875-11	ELECT	10MF	20%	50V	C714	1-161-379-00	CERAMIC	0.01MF	30%	16V
C377	1-136-171-00	FILM	0.33MF	5%	50V	C715	1-136-173-00	FILM	0.47MF	5%	50V
C378	1-136-171-00	FILM	0.33MF	5%	50V	C716	1-130-471-00	MYLAR	0.001MF	5%	50V
C381	1-162-294-31	CERAMIC	0.001MF	10%	50V	C717	1-162-294-31	CERAMIC	0.001MF	10%	50V
C382	1-124-443-00	ELECT	100MF	20%	10V	C718	1-124-902-00	ELECT	0.47MF	20%	50V
C384	1-136-165-00	CERAMIC	0.1MF		16V	C719	1-162-851-11	CERAMIC	0.1MF		16V
C385	1-162-847-11	CERAMIC	0.047MF		16V	C720	1-130-489-00	MYLAR	0.033MF	5%	50V
C386	1-162-294-31	CERAMIC	0.001MF	10%	50V	C721	1-124-963-11	ELECT	33MF	20%	16V
C387	1-162-294-31	CERAMIC	0.001MF	10%	50V	C722	1-130-475-00	MYLAR	0.0022MF	5%	50V
C388	1-162-293-31	(750L)...CERAMIC 820PF		10%	50V	C723	1-130-491-00	MYLAR	0.047MF	5%	50V
C501	1-162-294-31	CERAMIC	0.001MF	10%	50V	C724	1-162-294-31	CERAMIC	0.001MF	10%	50V
C502	1-162-294-31	CERAMIC	0.001MF	10%	50V	C725	1-136-165-00	FILM	0.1MF	5%	50V
C503	1-162-294-31	CERAMIC	0.001MF	10%	50V	C726	1-136-165-00	FILM	0.1MF	5%	50V
C504	1-162-294-31	CERAMIC	0.001MF	10%	50V	C727	1-124-963-11	ELECT	33MF	20%	16V
C505	1-162-294-31	CERAMIC	0.001MF	10%	50V	C728	1-131-377-00	TANTALUM	10MF	10%	6.3V
C506	1-162-282-31	CERAMIC	100PF	10%	50V	C729	1-136-165-00	FILM	0.1MF	5%	50V
C507	1-161-379-00	CERAMIC	0.01MF	30%	16V	C730	1-123-875-11	ELECT	10MF	20%	50V
C508	1-162-851-11	CERAMIC	0.1MF		16V	C731	1-130-493-00	MYLAR	0.068MF	5%	50V
C509	1-161-379-00	CERAMIC	0.01MF	30%	16V	C732	1-162-215-31	CERAMIC	47PF	5%	50V
C510	1-162-851-11	CERAMIC	0.1MF		16V	C733	1-124-963-11	ELECT	33MF	20%	16V
C511	1-161-379-00	CERAMIC	0.01MF	30%	16V	C734	1-130-481-00	MYLAR	0.0068MF	5%	50V
C512	1-161-379-00	CERAMIC	0.01MF	30%	16V	C735	1-162-284-31	CERAMIC	150PF	10%	50V
C513	1-126-177-11	ELECT	100MF	20%	6.3V	C736	1-161-379-00	CERAMIC	0.01MF	30%	16V
C514	1-162-294-31	CERAMIC	0.001MF	10%	50V	C737	1-161-379-00	CERAMIC	0.01MF	30%	16V
C515	1-162-294-31	CERAMIC	0.001MF	10%	50V	C738	1-161-379-00	CERAMIC	0.01MF	30%	16V
C516	1-161-379-00	CERAMIC	0.01MF	30%	16V	C739	1-161-379-00	CERAMIC	0.01MF	30%	16V
C517	1-136-175-00	FILM	0.68MF	5%	50V	C743	1-130-479-00	MYLAR	0.0047MF	5%	50V
C518	1-161-060-00	CERAMIC	0.056MF	10%	25V	C744	1-124-791-11	ELECT	1MF	20%	50V
C519	1-126-154-11	ELECT	47MF	20%	6.3V	C745	1-130-475-00	MYLAR	0.0022MF	5%	50V
C520	1-164-032-11	CERAMIC	36PF	5%	50V	C746	1-130-469-00	MYLAR	680PF	5%	50V
C521	1-162-203-31	CERAMIC	15PF	5%	50V	C747	1-102-960-00	CERAMIC	24PF	5%	50V
C523	1-162-851-11	CERAMIC	0.1MF		16V	C748	1-126-176-11	ELECT	220MF	20%	6.3V
C526	1-162-851-11	CERAMIC	0.1MF		16V	C749	1-124-791-11	ELECT	1MF	20%	50V
C601	1-162-282-31	(760L)...CERAMIC 100PF		10%	50V	C750	1-130-488-00	MYLAR	0.027MF	5%	50V
C602	1-162-282-31	(760L)...CERAMIC 100PF		10%	50V	C751	1-124-791-11	ELECT	1MF	20%	50V
C603	1-161-379-00	(760L)...CERAMIC 0.01MF		30%	16V	C753	1-126-176-11	ELECT	220MF	20%	6.3V
C604	1-161-379-00	(760L)...CERAMIC 0.01MF		30%	16V	C754	1-124-791-11	ELECT	1MF	20%	50V
C605	1-161-379-00	(760L)...CERAMIC 0.01MF		30%	16V	C755	1-130-475-00	MYLAR	0.0022MF	5%	50V
C606	1-161-379-00	(760L)...CERAMIC 0.01MF		30%	16V	C756	1-130-469-00	MYLAR	680PF	5%	50V
C607	1-161-379-00	(760L)...CERAMIC 0.01MF		30%	16V	C757	1-102-960-00	CERAMIC	24PF	5%	50V
C608	1-126-176-11	(760L)...ELECT 220MF		20%	10V	C758	1-124-791-11	ELECT	1MF	20%	50V
C609	1-161-379-00	(760L)...CERAMIC 0.01MF		30%	16V	C759	1-124-791-11	ELECT	1MF	20%	50V
C610	1-136-169-00	(760L)...FILM 0.22MF		5%	50V	C760	1-130-488-00	MYLAR	0.027MF	5%	50V
C611	1-162-294-31	(760L)...CERAMIC 0.001MF		10%	50V	C761	1-136-173-00	FILM	0.47MF	5%	50V
C701	1-130-475-00	MYLAR	0.0022MF	5%	50V	C762	1-124-963-11	ELECT	33MF	20%	16V
C702	1-124-963-11	ELECT	33MF	20%	16V	C765	1-162-294-31	CERAMIC	0.001MF	10%	50V
C703	1-162-294-31	CERAMIC	0.001MF	10%	50V	C767	1-162-294-31	CERAMIC	0.001MF	10%	50V
C704	1-124-443-00	ELECT	100MF	20%	6.3V	C768	1-162-851-11	CERAMIC	0.1MF		16V
C705	1-126-176-11	ELECT	220MF	20%	6.3V	C769	1-124-604-00	ELECT	330MF	20%	10V

Ref.No.	Part No.	Description			
C770	1-124-557-11	ELECT	1000MF	20%	25V
C771	1-124-791-11	ELECT	1MF	20%	50V
C780	1-124-963-11	ELECT	33MF	20%	16V
C781	1-124-963-11	ELECT	33MF	20%	16V
C784	1-126-176-11	ELECT	220MF	20%	6.3V
C790	1-161-379-00	CERAMIC	0.01MF	30%	16V
C791	1-124-927-11	ELECT	4.7MF	20%	50V
C792	1-124-791-11	ELECT	1MF	20%	50V
C794	1-124-791-11	ELECT	1MF	20%	50V
C795	1-124-604-00	ELECT	330MF	20%	10V
C801	1-124-927-11	ELECT	4.7MF	20%	50V
C802	1-161-494-00	CERAMIC	0.022MF		25V
C804	1-162-207-31	CERAMIC	22PF	5%	50V
C805	1-162-207-31	CERAMIC	22PF	5%	50V
C851	1-162-292-31	CERAMIC	680PF	10%	50V
C852	1-162-215-31	CERAMIC	47PF	5%	50V
C853	1-162-215-31	CERAMIC	47PF	5%	50V
C902	1-101-004-00	CERAMIC	0.01MF		50V
C903	1-101-004-00	CERAMIC	0.01MF		50V
C904	1-101-004-00	CERAMIC	0.01MF		50V
C905	1-101-004-00	CERAMIC	0.01MF		50V
C906	1-136-165-00	FILM	0.1MF	5%	50V
C951	1-124-327-00	ELECT	15MF	20%	50V
C952	1-124-327-00	ELECT	15MF	20%	50V
CF1	1-579-185-21	FILTER, CERAMIC			
CF2	1-579-185-21	FILTER, CERAMIC			
CF3	1-579-185-21	FILTER, CERAMIC			
CF801	1-567-818-21	VIBRATOR, CERAMIC (3.58MHZ)			
CN1	4-938-728-01	TERMINAL BOARD (B), ANT			
CN2	*1-580-227-11	(AEP)...CONNECTOR, COAXIAL			
CN301	*1-564-716-11	PIN, CONNECTOR (SMALL TYPE)14P			
CN302	*1-564-507-11	PLUG, CONNECTOR 4P			
CN303	*1-566-214-11	(760L)...PIN, CONNECTOR (PC BOARD) 2P			
CN304	*1-566-824-11	PIN, CONNECTOR (PC BOARD) 3P			
CN305	*1-566-779-11	PIN, CONNECTOR (PC BOARD) 4P			
CN306	*1-566-779-11	PIN, CONNECTOR (PC BOARD) 4P			
CN307	1-569-748-11	PIN, CONNECTOR (PC BOARD) 5P			
CN308	*1-565-302-11	PIN, CONNECTOR (PC BOARD) 6P			
CN309	*1-565-302-11	PIN, CONNECTOR (PC BOARD) 6P			
CN310	*1-560-456-00	PIN, CONNECTOR 2P			
CN313	1-569-778-11	PLUG, CONNECTOR 6P			
CN314	*1-569-779-11	PLUG, CONNECTOR 7P			
CN315	*1-569-155-11	PLUG, CONNECTOR 10P			
CN316	*1-564-704-11	PIN, CONNECTOR (SMALL TYPE) 2P			
CN501A*	*1-566-003-11	PIN, CONNECTOR (PC BOARD) 6P			
CN501	1-569-767-11	SOCKET, CONNECTOR 6P			
CN502A*	*1-566-001-11	(750L)...PIN, CONNECTOR (PC BOARD) 4P			
CN502	1-569-768-11	SOCKET, CONNECTOR 7P			
CN503	*1-569-156-11	SOCKET, CONNECTOR 10P			
CN601	*1-566-003-11	(760L)...PIN, CONNECTOR (PC BOARD) 6P			
CN602	*1-566-002-11	(760L)...PIN, CONNECTOR (PC BOARD) 5P			
CN701	*1-564-710-11	PIN, CONNECTOR (SMALL TYPE) 8P			
CN702	*1-564-710-11	PIN, CONNECTOR (SMALL TYPE) 8P			
CN703	*1-564-708-11	PIN, CONNECTOR (SMALL TYPE) 6P			
CN705	*1-564-716-11	PIN, CONNECTOR (SMALL TYPE) 14P			
CN709	*1-566-971-11	PIN, CONNECTOR (PC BOARD) 6P			
CN710	*1-566-973-11	PIN, CONNECTOR (PC BOARD) 8P			

Ref.No.	Part No.	Description
CN711	*1-568-454-11	PIN, CONNECTOR (PC BOARD) 9P
CN717	*1-564-722-11	PIN, CONNECTOR (SMALL TYPE) 6P
CN802	*1-566-968-11	HOUSING, CONNECTOR (PC BOARD) 6P
CN803	*1-566-970-11	HOUSING, CONNECTOR (PC BOARD) 8P
CN804	*1-565-980-11	HOUSING, CONNECTOR (PC BOARD) 9P
CN901	*1-564-718-11	PIN, CONNECTOR (SMALL TYPE) 2P
CN902	*1-564-517-11	PLUG, CONNECTOR 2P
CN903	*1-564-519-11	PLUG, CONNECTOR 4P
CNP306*A	3185-128-A	(760L:DECK B)...CONNECTOR ASSY, 4P
CP1	1-236-571-11	ENCAPSULATED COMPONENT
CT1	1-141-410-11	CAP, ADJ 10PF
CT5	1-141-411-11	CAP, ADJ 20PF
CT6	1-141-411-11	CAP, ADJ 20PF
D1	8-719-911-19	DIODE 1SS119
D3	8-719-911-19	DIODE 1SS119
D5	8-719-980-65	DIODE SVC203RA-V
D6	8-719-980-65	DIODE SVC203RA-V
D8	8-719-911-19	DIODE 1SS119
D10	8-719-911-19	DIODE 1SS119
D11	8-719-911-19	DIODE 1SS119
D12	8-719-980-73	DIODE SVC342LM-V
D18	8-719-911-19	DIODE 1SS119
D19	8-719-911-19	DIODE 1SS119
D21	8-719-911-19	DIODE 1SS119
D22	8-719-911-19	DIODE 1SS119
D23	8-719-911-19	DIODE 1SS119
D24	8-719-911-19	DIODE 1SS119
D26	8-719-980-73	DIODE SVC342LM-V
D27	8-719-911-19	DIODE 1SS119
D28	8-719-911-19	DIODE 1SS119
D29	8-719-109-97	DIODE RD6.8ES-B2
D301	8-719-911-19	DIODE 1SS119
D305	8-719-911-19	DIODE 1SS119
D306	8-719-911-19	DIODE 1SS119
D307	8-719-911-19	DIODE 1SS119
D308	8-719-911-19	DIODE 1SS119
D310	8-719-911-19	DIODE 1SS119
D311	8-719-911-19	DIODE 1SS119
D320	8-719-911-19	DIODE 1SS119
D321	8-719-911-19	DIODE 1SS119
D322	8-719-911-19	DIODE 1SS119
D323	8-719-110-46	DIODE RD16ES-B3
D324	8-719-109-72	DIODE RD3.9ES-B2
D325	8-719-911-19	DIODE 1SS119
D326	8-719-911-19	DIODE 1SS119
D327	8-719-911-19	DIODE 1SS119
D328	8-719-110-09	DIODE RD8.2ES-B3
D330	8-719-109-60	DIODE RD2.7ES-B2
D331	8-719-911-19	DIODE 1SS119
D351	8-719-948-75	(760L)...DIODE SLR-34VR70F165 (FWD OPR/BATT)
D352	8-719-948-75	DIODE SLR-34VR70F165 (REV)
D353	8-719-987-04	DIODE SLR-34VR70F-150
D501	8-719-911-19	(760L)...DIODE 1SS119
D502	8-719-911-19	(760L)...DIODE 1SS119

Ref.No.	Part No.	Description
D503	8-719-911-19	(760L)...DIODE 1SS119
D504	8-719-911-19	(760L)...DIODE 1SS119
D509	8-719-911-19	DIODE 1SS119
D510	8-719-911-19	DIODE 1SS119
D511	8-719-911-19	DIODE 1SS119
D512	8-719-911-19	DIODE 1SS119
D514	8-719-911-19	DIODE 1SS119
D515	8-719-911-19	(760L)...DIODE 1SS119
D516	8-719-911-19	DIODE 1SS119
D517	8-719-911-19	DIODE 1SS119
D518	8-719-987-05	DIODE SLR-34GM70F-150 (TUNING)
D519	8-719-987-04	DIODE SLR-34VR70F-150 (FM ST)
D520	8-719-911-19	DIODE 1SS119
D601	8-719-911-19	DIODE 1SS119
D701	8-719-911-19	DIODE 1SS119
D702	8-719-911-19	DIODE 1SS119
D703	8-719-911-19	DIODE 1SS119
D704	8-719-911-19	DIODE 1SS119
D801	8-719-911-19	DIODE 1SS119
D802	8-719-911-19	DIODE 1SS119
D803	8-719-911-19	DIODE 1SS119
D804	8-719-911-19	DIODE 1SS119
D805	8-719-911-19	DIODE 1SS119
D807	8-719-911-19	DIODE 1SS119
D808	8-719-911-19	DIODE 1SS119
D809	8-719-911-19	DIODE 1SS119
D901	8-719-985-21	DIODE 1N5401M
D902	8-719-985-21	DIODE 1N5401M
D903	8-719-985-21	DIODE 1N5401M
D904	8-719-985-21	DIODE 1N5401M
F901	Δ.1-532-350-00	FUSE (4A), 250V
HE301	A-3114-095-A	(760L:DECK B)...HEAD ASSY, ROTARY
HE301	1-543-535-11	(750L:DECK B)...HEAD, MAGNETIC (ERASE)
FL1	1-236-022-11	FILTER, BAND PASS
FL2	1-236-022-11	FILTER, BAND PASS
HP301	1-543-714-11	(DECK A)...HEAD, MAGNETIC (PB)
HRP301	1-543-714-11	(750L:DECK B)...HEAD, MAGNETIC (REC/PB)
HRP301	A-3114-095-A	(760L:DECK B)...HEAD ASSY, ROTARY
IC1	8-752-035-68	IC CXA1238S
IC301	8-759-242-58	IC TA8189N
IC302	8-759-501-93	IC BA5412
IC303	8-759-945-58	IC RC4558P
IC304	8-759-995-62	IC BA3922
IC305	8-759-500-97	(760L)...IC MB88201-1011
IC306	8-759-995-76	(760L)...IC PST529C-T
IC307	8-749-921-24	(760L)...IC GPIU52YB
IC308	8-759-505-55	IC NJM4558L
IC501	8-759-151-26	IC UPD1724GB-524-1A7
IC701	8-752-033-14	IC CXA1081Q
IC702	8-752-032-32	IC CXA1182Q-Z
IC703	8-752-328-46	IC CXD1130Q
IC704	8-752-323-64	IC CXK5816M-12L
IC706	8-759-710-98	IC NJM2100D
IC707	8-759-148-30	IC UPD6376
IC708	8-759-501-65	IC BA6294
IC709	8-759-501-65	IC BA6294

Ref.No.	Part No.	Description
IC801	8-752-817-70	IC CXP5078-057Q
IC802	8-759-945-58	IC RC4558P
IC803	8-759-970-47	IC PST529J
J301	1-507-806-00	JACK 1P (PHONES)
J302	1-563-330-11	JACK (MIX MIC)
J303	1-536-705-00	TERMINAL BOARD (SPEAKER OUTPUT)
J901	Δ.1-526-838-11	INLET, AC 2P (AC IN)
L1	1-460-097-11	COIL (WITH CORE)
L2	1-406-386-11	COIL (OSC)
L4	1-402-520-11	ANTENNA, FERRITE-ROD (MW/LW) (including L5)
L7	1-410-975-11	INDUCTOR 47UH
L11	1-410-686-11	INDUCTOR 1MMH
L12	1-410-686-11	INDUCTOR 1MMH
L13	1-410-975-11	INDUCTOR 47UH
L101	1-410-776-11	INDUCTOR 12MMH
L102	1-410-776-11	INDUCTOR 12MMH
L201	1-410-776-11	INDUCTOR 12MMH
L202	1-410-776-11	INDUCTOR 12MMH
L301	1-410-979-11	INDUCTOR 220UH
L302	1-410-686-11	INDUCTOR 1MMH
L304	1-410-971-11	INDUCTOR 10UH
L305	1-410-977-11	INDUCTOR 100UH
L501	1-410-977-11	INDUCTOR 100UH
L601	1-410-977-11	(760L)...INDUCTOR 100UH
L602	1-410-977-11	(760L)...INDUCTOR 100UH
L603	1-410-977-11	(760L)...INDUCTOR 100UH
L604	1-410-977-11	(760L)...INDUCTOR 100UH
L605	1-410-977-11	(760L)...INDUCTOR 100UH
L606	1-410-979-11	(760L)...INDUCTOR 220UH
L701	1-410-316-11	INDUCTOR 1UH
L702	1-410-322-11	INDUCTOR 3.3UH
L703	1-410-322-11	INDUCTOR 3.3UH
LCD801	1-809-056-11	DISPLAY PANEL, LIQUID CRYSTAL
LF901	Δ.1-424-150-11	TRANSFORMER, LINE FILTER
M601	1-541-753-11	(750L:DECK B)...MOTOR, DC (EG-530KD-2B)
M601	1-541-754-11	(760L:DECK B)...MOTOR, DC (EG-530KD-2F)
M602	1-541-753-11	(DECK A)...MOTOR, DC (EG-530KD-2B)
M701	X-2641-357-1	GEAR (N) ASSY, SLED MOTOR
M702	1-541-352-11	MOTOR (SPINDLE)
ND501	1-809-045-11	DISPLAY PANEL, LIQUID CRYSTAL
Q1	8-729-806-30	TRANSISTOR 2SC4048
Q2	8-729-806-30	TRANSISTOR 2SC4048
Q3	8-729-905-50	TRANSISTOR DTC343TS
Q4	8-729-905-50	TRANSISTOR DTC343TS
Q5	8-729-806-30	TRANSISTOR 2SC4048
Q6	8-729-806-30	TRANSISTOR 2SC4048
Q9	8-729-900-74	TRANSISTOR DTC143TS
Q10	8-729-119-76	TRANSISTOR 2SA1175-HFE
Q12	8-729-119-76	TRANSISTOR 2SA1175-HFE
Q14	8-729-900-74	TRANSISTOR DTC143TS
Q18	8-729-672-42	TRANSISTOR 2SC2724-C
Q20	8-729-178-62	TRANSISTOR 2SC2786-L
Q21	8-729-672-42	TRANSISTOR 2SC2724-C
Q22	8-729-672-42	TRANSISTOR 2SC2724-C
Q24	8-729-178-62	TRANSISTOR 2SC2786-L

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

Ref.No.	Part No.	Description
Q25	8-729-905-50	TRANSISTOR DTC343TS
Q27	8-729-900-74	TRANSISTOR DTC143TS
Q101	8-729-806-30	TRANSISTOR 2SC4048
Q102	8-729-806-30	(760L)...TRANSISTOR 2SC4048
Q110	8-729-205-83	TRANSISTOR 2SC2458L-GR
Q130	8-729-806-30	TRANSISTOR 2SC4048
Q201	8-729-806-30	TRANSISTOR 2SC4048
Q202	8-729-806-30	(760L)...TRANSISTOR 2SC4048
Q210	8-729-205-83	TRANSISTOR 2SC2458L-GR
Q230	8-729-806-30	TRANSISTOR 2SC4048
Q302	8-729-902-80	TRANSISTOR DTA114YS
Q310	8-729-205-83	TRANSISTOR 2SC2458L-GR
Q311	8-729-920-70	TRANSISTOR 2SC1740S-QR
Q312	8-729-806-30	TRANSISTOR 2SC4048
Q320	8-729-100-13	TRANSISTOR 2SC2001-K2
Q321	8-729-806-30	TRANSISTOR 2SC4048
Q323	8-729-806-30	TRANSISTOR 2SC4048
Q330	8-729-900-80	TRANSISTOR DTC114ES
Q331	8-729-806-30	TRANSISTOR 2SC4048
Q332	8-729-806-30	TRANSISTOR 2SC4048
Q333	8-729-902-80	TRANSISTOR DTA114YS
Q334	8-729-806-30	TRANSISTOR 2SC4048
Q335	8-729-115-30	TRANSISTOR 2SK105A-30
Q336	8-729-806-30	TRANSISTOR 2SC4048
Q337	8-729-900-89	TRANSISTOR DTC144ES
Q338	8-729-115-30	TRANSISTOR 2SK105A-30
Q339	8-729-806-30	TRANSISTOR 2SC4048
Q340	8-729-806-30	TRANSISTOR 2SC4048
Q350	8-729-119-78	TRANSISTOR 2SC2785-HFE
Q351	8-729-119-78	TRANSISTOR 2SC2785-HFE
Q352	8-729-904-34	TRANSISTOR DTA114TS
Q353	8-729-806-30	(760L)...TRANSISTOR 2SC4048
Q354	8-729-920-70	TRANSISTOR 2SC1740S-QR
Q355	8-729-905-67	TRANSISTOR 2SD1944-K
Q356	8-729-806-30	(760L)...TRANSISTOR 2SC4048
Q360	8-729-924-90	TRANSISTOR 2SB1370-EF
Q370	8-729-902-80	TRANSISTOR DTA114YS
Q501	8-729-904-34	(760L)...TRANSISTOR DTA114TS
Q502	8-729-806-30	(760L)...TRANSISTOR 2SC4048
Q503	8-729-178-62	TRANSISTOR 2SC2786-L
Q504	8-729-806-30	TRANSISTOR 2SC4048
Q505	8-729-119-32	TRANSISTOR 2SK193
Q506	8-729-106-07	TRANSISTOR 2SK514-F
Q507	8-729-205-83	TRANSISTOR 2SC2458L-GR
Q533	8-729-806-30	TRANSISTOR 2SC4048
Q701	8-729-116-57	TRANSISTOR 2SB1068-K
Q702	8-729-920-70	TRANSISTOR 2SC1740S-QR
Q703	8-729-920-70	TRANSISTOR 2SC1740S-QR
Q704	8-729-920-70	TRANSISTOR 2SC1740S-QR
Q705	8-729-900-63	TRANSISTOR DTA124ES
Q706	8-729-116-57	TRANSISTOR 2SB1068-K
Q711	8-729-900-36	TRANSISTOR DTC124ES
Q712	8-729-920-70	TRANSISTOR 2SC1740S-QR
Q713	8-729-920-70	TRANSISTOR 2SC1740S-QR
Q714	8-729-900-63	TRANSISTOR DTA124ES
Q791	8-729-900-36	TRANSISTOR DTC124ES
Q792	8-729-900-36	TRANSISTOR DTC124ES

Ref.No.	Part No.	Description
Q801	8-729-900-63	TRANSISTOR DTA124ES
Q802	8-729-900-74	TRANSISTOR DTC143TS
Q803	8-729-920-70	TRANSISTOR 2SC1740S-QR
Q804	8-729-900-36	TRANSISTOR DTC124ES
Q805	8-729-173-38	TRANSISTOR 2SA733-K
R1	1-249-441-11	CARBON 100K 5% 1/4W
R2	1-249-441-11	CARBON 100K 5% 1/4W
R3	1-249-431-11	CARBON 15K 5% 1/4W
R4	1-249-441-11	CARBON 100K 5% 1/4W
R5	1-249-423-11	CARBON 3.3K 5% 1/4W
R6	1-249-421-11	CARBON 2.2K 5% 1/4W
R8	1-249-411-11	CARBON 330 5% 1/4W
R9	1-249-405-11	CARBON 100 5% 1/4W
R10	1-249-429-11	CARBON 10K 5% 1/4W
R11	1-249-418-11	CARBON 1.2K 5% 1/4W
R12	1-249-428-11	CARBON 8.2K 5% 1/4W
R13	1-249-428-11	CARBON 8.2K 5% 1/4W
R14	1-249-418-11	CARBON 1.2K 5% 1/4W
R15	1-249-421-11	CARBON 2.2K 5% 1/4W
R16	1-247-887-00	CARBON 220K 5% 1/4W
R17	1-247-887-00	CARBON 220K 5% 1/4W
R18	1-249-405-11	CARBON 100 5% 1/4W
R20	1-249-435-11	CARBON 33K 5% 1/4W
R21	1-249-431-11	CARBON 15K 5% 1/4W
R22	1-249-421-11	CARBON 2.2K 5% 1/4W
R23	1-249-429-11	CARBON 10K 5% 1/4W
R24	1-249-429-11	CARBON 10K 5% 1/4W
R33	1-249-435-11	CARBON 33K 5% 1/4W
R34	1-249-406-11	CARBON 120 5% 1/4W
R36	1-249-406-11	CARBON 120 5% 1/4W
R37	1-249-402-11	CARBON 56 5% 1/4W
R38	1-249-404-00	CARBON 82 5% 1/4W
R39	1-249-405-11	CARBON 100 5% 1/4W
R40	1-249-441-11	CARBON 100K 5% 1/4W
R41	1-247-887-00	CARBON 220K 5% 1/4W
R42	1-249-418-11	CARBON 1.2K 5% 1/4W
R43	1-249-418-11	CARBON 1.2K 5% 1/4W
R44	1-249-405-11	CARBON 100 5% 1/4W
R45	1-249-401-11	CARBON 47 5% 1/4W
R48	1-249-405-11	CARBON 100 5% 1/4W
R50	1-249-421-11	CARBON 2.2K 5% 1/4W
R51	1-249-429-11	CARBON 10K 5% 1/4W
R54	1-249-422-11	CARBON 2.7K 5% 1/4W
R55	1-249-438-11	CARBON 56K 5% 1/4W
R56	1-249-417-11	CARBON 1K 5% 1/4W
R58	1-249-433-11	CARBON 22K 5% 1/4W
R60	1-249-441-11	CARBON 100K 5% 1/4W
R61	1-249-417-11	CARBON 1K 5% 1/4W
R62	1-249-437-11	CARBON 47K 5% 1/4W
R63	1-249-417-11	CARBON 1K 5% 1/4W
R64	1-249-405-11	CARBON 100 5% 1/4W
R65	1-249-405-11	CARBON 100 5% 1/4W
R67	1-249-417-11	CARBON 1K 5% 1/4W
R68	1-249-417-11	CARBON 1K 5% 1/4W
R69	1-249-437-11	CARBON 47K 5% 1/4W
R70	1-249-417-11	CARBON 1K 5% 1/4W

Ref.No.	Part No.	Description				
R74	1-249-405-11	CARBON	100	5%	1/4W	
R75	1-249-407-11	CARBON	150	5%	1/4W	
R76	1-249-437-11	CARBON	47K	5%	1/4W	
R77	1-249-397-11	CARBON	22	5%	1/4W	
R81	1-249-421-11	CARBON	2.2K	5%	1/4W	
R83	1-249-422-11	CARBON	2.7K	5%	1/4W	
R85	1-249-429-11	CARBON	10K	5%	1/4W	
R86	1-249-435-11	CARBON	33K	5%	1/4W	
R87	1-249-427-11	CARBON	6.8K	5%	1/4W	
R88	1-249-427-11	CARBON	6.8K	5%	1/4W	
R89	1-247-887-00	CARBON	220K	5%	1/4W	
R101	1-249-417-11	CARBON	1K	5%	1/4W	
R102	1-249-417-11	CARBON	1K	5%	1/4W	
R103	1-247-885-00	CARBON	180K	5%	1/4W	
R104	1-249-405-11	CARBON	100	5%	1/4W	
R105	1-249-426-11	CARBON	5.6K	5%	1/4W	
R106	1-249-427-11	CARBON	6.8K	5%	1/4W	
R107	1-249-418-11	CARBON	1.2K	5%	1/4W	
R108	1-249-441-11	CARBON	100K	5%	1/4W	
R109	1-249-397-11	(760L)...CARBON	22	5%	1/4W	
R110	1-249-426-11	CARBON	5.6K	5%	1/4W	
R120	1-249-437-11	CARBON	47K	5%	1/4W	
R121	1-249-419-11	CARBON	1.5K	5%	1/4W	
R122	1-249-421-11	CARBON	2.2K	5%	1/4W	
R123	1-247-890-11	CARBON	300K	5%	1/4W	
R124	1-249-407-11	CARBON	150	5%	1/4W	
R125	1-247-885-00	CARBON	180K	5%	1/4W	
R126	1-249-433-11	CARBON	22K	5%	1/4W	
R130	1-247-897-11	CARBON	560K	5%	1/4W	
R131	1-249-421-11	CARBON	2.2K	5%	1/4W	
R140	1-249-438-11	CARBON	56K	5%	1/4W	
R141	1-249-432-11	CARBON	18K	5%	1/4W	
R142	1-249-427-11	CARBON	6.8K	5%	1/4W	
R143	1-247-854-11	CARBON	9.1K	5%	1/4W	
R144	1-249-428-11	CARBON	8.2K	5%	1/4W	
R151	1-249-438-11	CARBON	56K	5%	1/4W	
R152	1-249-434-11	CARBON	27K	5%	1/4W	
R153	1-249-429-11	CARBON	10K	5%	1/4W	
R154	1-249-425-11	CARBON	4.7K	5%	1/4W	
R155	1-249-429-11	CARBON	10K	5%	1/4W	
R156	1-249-427-11	CARBON	6.8K	5%	1/4W	
R157	1-249-431-11	CARBON	15K	5%	1/4W	
R158	1-249-429-11	CARBON	10K	5%	1/4W	
R159	1-249-409-11	CARBON	220	5%	1/4W	
R172	1-247-858-11	CARBON	13K	5%	1/6W	
R174	1-249-441-11	CARBON	100K	5%	1/4W	
R175	1-249-437-11	CARBON	47K	5%	1/4W	
R177	1-249-421-11	CARBON	2.2K	5%	1/4W	
R180	1-249-429-11	CARBON	10K	5%	1/4W	
R181	1-249-429-11	CARBON	10K	5%	1/4W	
R182	1-249-415-11	CARBON	680	5%	1/4W	
R184	1-249-406-11	CARBON	120	5%	1/4W	
R185	1-249-421-11	CARBON	2.2K	5%	1/4W	
R186	1-249-417-11	CARBON	1K	5%	1/4W	
R187	1-247-866-11	CARBON	30K	5%	1/4W	
R201	1-249-417-11	CARBON	1K	5%	1/4W	
R202	1-249-417-11	CARBON	1K	5%	1/4W	

Ref.No.	Part No.	Description				
R203	1-247-885-00	CARBON	180K	5%	1/4W	
R204	1-249-405-11	CARBON	100	5%	1/4W	
R205	1-249-426-11	CARBON	5.6K	5%	1/4W	
R206	1-249-427-11	CARBON	6.8K	5%	1/4W	
R207	1-249-418-11	CARBON	1.2K	5%	1/4W	
R208	1-249-441-11	CARBON	100K	5%	1/4W	
R209	1-249-397-11	(760L)...CARBON	22	5%	1/4W	
R210	1-249-426-11	CARBON	5.6K	5%	1/4W	
R220	1-249-437-11	CARBON	47K	5%	1/4W	
R221	1-249-419-11	CARBON	1.5K	5%	1/4W	
R222	1-249-421-11	CARBON	2.2K	5%	1/4W	
R223	1-247-890-11	CARBON	300K	5%	1/4W	
R224	1-249-407-11	CARBON	150	5%	1/4W	
R225	1-247-885-00	CARBON	180K	5%	1/4W	
R226	1-249-433-11	CARBON	22K	5%	1/4W	
R230	1-247-897-11	CARBON	560K	5%	1/4W	
R231	1-249-421-11	CARBON	2.2K	5%	1/4W	
R240	1-249-438-11	CARBON	56K	5%	1/4W	
R241	1-249-432-11	CARBON	18K	5%	1/4W	
R242	1-249-427-11	CARBON	6.8K	5%	1/4W	
R243	1-247-854-11	CARBON	9.1K	5%	1/4W	
R244	1-249-428-11	CARBON	8.2K	5%	1/4W	
R251	1-249-438-11	CARBON	56K	5%	1/4W	
R252	1-249-434-11	CARBON	27K	5%	1/4W	
R253	1-249-429-11	CARBON	10K	5%	1/4W	
R254	1-249-425-11	CARBON	4.7K	5%	1/4W	
R255	1-249-429-11	CARBON	10K	5%	1/4W	
R256	1-249-427-11	CARBON	6.8K	5%	1/4W	
R257	1-249-431-11	CARBON	15K	5%	1/4W	
R258	1-249-429-11	CARBON	10K	5%	1/4W	
R259	1-249-409-11	CARBON	220	5%	1/4W	
R272	1-247-858-11	CARBON	13K	5%	1/6W	
R274	1-249-441-11	CARBON	100K	5%	1/4W	
R275	1-249-437-11	CARBON	47K	5%	1/4W	
R277	1-249-421-11	CARBON	2.2K	5%	1/4W	
R280	1-249-429-11	CARBON	10K	5%	1/4W	
R281	1-249-429-11	CARBON	10K	5%	1/4W	
R282	1-249-415-11	CARBON	680	5%	1/4W	
R284	1-249-406-11	CARBON	120	5%	1/4W	
R285	1-249-421-11	CARBON	2.2K	5%	1/4W	
R286	1-249-417-11	CARBON	1K	5%	1/4W	
R287	1-247-866-11	CARBON	30K	5%	1/4W	
R301	1-249-423-11	CARBON	3.3K	5%	1/4W	
R302	1-247-697-11	CARBON	56	5%	1/4W	F
R304	1-249-401-11	CARBON	47	5%	1/4W	
R305	1-249-429-11	CARBON	10K	5%	1/4W	
R306	1-249-393-11	CARBON	10	5%	1/4W	
R310	1-249-429-11	CARBON	10K	5%	1/4W	
R311	1-249-421-11	CARBON	2.2K	5%	1/4W	
R312	1-249-432-11	CARBON	18K	5%	1/4W	
R313	1-249-429-11	CARBON	10K	5%	1/4W	
R314	1-249-429-11	CARBON	10K	5%	1/4W	
R316	1-249-429-11	CARBON	10K	5%	1/4W	
R317	1-249-407-11	CARBON	150	5%	1/4W	
R320	1-249-441-11	CARBON	100K	5%	1/4W	
R322	1-247-903-00	CARBON	1M	5%	1/4W	
R323	1-249-441-11	CARBON	100K	5%	1/4W	

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Ref.No.	Part No.	Description			
R324	1-247-903-00	CARBON	1M	5%	1/4W
R330	1-249-417-11	CARBON	1K	5%	1/4W
R331	1-247-899-11	CARBON	680K	5%	1/4W
R332	1-249-422-11	CARBON	2.7K	5%	1/4W
R333	1-249-403-11	CARBON	68	5%	1/4W
R334	1-249-421-11	CARBON	2.2K	5%	1/4W
R335	1-249-417-11	CARBON	1K	5%	1/4W
R341	1-249-409-11	CARBON	220	5%	1/4W
R342	1-249-427-11	CARBON	6.8K	5%	1/4W
R343	1-249-429-11	CARBON	10K	5%	1/4W
R344	1-249-429-11	CARBON	10K	5%	1/4W
R350	1-249-422-11	CARBON	2.7K	5%	1/4W
R351	1-249-414-11	CARBON	560	5%	1/4W
R352	1-249-437-11	CARBON	47K	5%	1/4W
R353	1-249-417-11	CARBON	1K	5%	1/4W
R354	1-249-429-11	CARBON	10K	5%	1/4W
R357	1-249-437-11	CARBON	47K	5%	1/4W
R358	1-249-429-11	CARBON	10K	5%	1/4W
R359	1-249-417-11	CARBON	1K	5%	1/4W
R360	1-249-405-11	CARBON	100	5%	1/4W
R370	1-249-437-11	CARBON	47K	5%	1/4W
R380	1-249-417-11	CARBON	1K	5%	1/4W
R381	1-249-433-11	CARBON	22K	5%	1/4W
R382	1-249-411-11	CARBON	330	5%	1/4W
R383	1-249-409-11	(760L)...CARBON	220	5%	1/4W
R384	1-249-409-11	CARBON	220	5%	1/4W
R385	1-249-417-11	(760L)...CARBON	1K	5%	1/4W
R386	1-249-417-11	CARBON	1K	5%	1/4W
R387	1-212-946-00	FUSIBLE	3.3	5%	1/2W
R388	1-249-406-11	CARBON	120	5%	1/4W
R389	1-249-405-11	CARBON	100	5%	1/4W
R390	1-249-417-11	CARBON	1K	5%	1/4W
R391	1-249-421-11	CARBON	2.2K	5%	1/4W
R392	1-249-429-11	CARBON	10K	5%	1/4W
R393	1-249-417-11	CARBON	1K	5%	1/4W
R394	1-249-437-11	CARBON	47K	5%	1/4W
R395	1-249-420-11	CARBON	1.8K	5%	1/4W
R396	1-249-420-11	CARBON	1.8K	5%	1/4W
R501	1-249-430-11	(760L)...CARBON	4.7K	5%	1/4W
R502	1-249-430-11	(760L)...CARBON	4.7K	5%	1/4W
R503	1-249-430-11	(760L)...CARBON	4.7K	5%	1/4W
R504	1-249-430-11	(760L)...CARBON	4.7K	5%	1/4W
R505	1-249-430-11	(760L)...CARBON	4.7K	5%	1/4W
R506	1-249-441-11	(760L)...CARBON	100K	5%	1/4W
R507	1-249-437-11	(760L)...CARBON	47K	5%	1/4W
R508	1-249-421-11	CARBON	2.2K	5%	1/4W
R509	1-249-433-11	CARBON	22K	5%	1/4W
R510	1-249-411-11	CARBON	330	5%	1/4W
R511	1-249-437-11	CARBON	47K	5%	1/4W
R512	1-249-417-11	CARBON	1K	5%	1/4W
R513	1-249-429-11	CARBON	10K	5%	1/4W
R514	1-249-433-11	CARBON	22K	5%	1/4W
R515	1-249-431-11	CARBON	15K	5%	1/4W
R516	1-249-417-11	CARBON	1K	5%	1/4W
R517	1-249-421-11	CARBON	2.2K	5%	1/4W
R518	1-249-422-11	CARBON	2.7K	5%	1/4W
R519	1-249-429-11	CARBON	10K	5%	1/4W

Ref.No.	Part No.	Description			
R520	1-249-429-11	CARBON	10K	5%	1/4W
R521	1-249-435-11	CARBON	33K	5%	1/4W
R522	1-249-433-11	CARBON	22K	5%	1/4W
R523	1-249-429-11	CARBON	10K	5%	1/4W
R524	1-249-441-11	CARBON	100K	5%	1/4W
R525	1-249-407-11	CARBON	150	5%	1/4W
R527	1-249-409-11	CARBON	220	5%	1/4W
R601	1-247-903-00	(760L)...CARBON	1M	5%	1/4W
R602	1-249-426-11	(760L)...CARBON	5.6K	5%	1/4W
R604	1-249-429-11	(760L)...CARBON	10K	5%	1/4W
R605	1-247-891-00	(760L)...CARBON	330K	5%	1/4W
R701	1-249-433-11	CARBON	22K	5%	1/4W
R702	1-249-417-11	CARBON	1K	5%	1/4W
R703	1-249-433-11	CARBON	22K	5%	1/4W
R704	1-249-397-11	CARBON	22	5%	1/4W
R705	1-247-806-11	CARBON	91	5%	1/4W
R711	1-249-428-11	CARBON	8.2K	5%	1/4W
R712	1-247-856-00	CARBON	11K	5%	1/4W
R713	1-249-441-11	CARBON	100K	5%	1/4W
R714	1-247-856-00	CARBON	11K	5%	1/4W
R715	1-249-441-11	CARBON	100K	5%	1/4W
R716	1-247-886-11	CARBON	200K	5%	1/4W
R717	1-215-431-00	METAL	2.7K	1%	1/6W
R718	1-247-903-00	CARBON	1M	5%	1/4W
R719	1-249-417-11	CARBON	1K	5%	1/4W
R720	1-247-883-00	CARBON	150K	5%	1/4W
R721	1-249-437-11	CARBON	47K	5%	1/4W
R722	1-249-429-11	CARBON	10K	5%	1/4W
R723	1-249-441-11	CARBON	100K	5%	1/4W
R724	1-249-438-11	CARBON	56K	5%	1/4W
R725	1-247-885-00	CARBON	180K	5%	1/4W
R726	1-249-437-11	CARBON	47K	5%	1/4W
R727	1-249-441-11	CARBON	100K	5%	1/4W
R728	1-247-854-11	CARBON	9.1K	5%	1/4W
R729	1-247-896-11	CARBON	510K	5%	1/4W
R730	1-249-441-11	CARBON	100K	5%	1/4W
R731	1-215-456-00	METAL	30K	1%	1/6W
R732	1-215-456-00	METAL	30K	1%	1/6W
R733	1-247-895-00	CARBON	470K	5%	1/4W
R734	1-249-417-11	CARBON	1K	5%	1/4W
R735	1-249-417-11	CARBON	1K	5%	1/4W
R743	1-215-438-00	METAL	5.1K	1%	1/6W
R744	1-215-456-00	METAL	30K	1%	1/6W
R745	1-215-454-00	METAL	24K	1%	1/6W
R746	1-215-471-00	METAL	120K	1%	1/6W
R747	1-249-431-11	CARBON	15K	5%	1/4W
R748	1-249-422-11	CARBON	2.7K	5%	1/4W
R749	1-247-834-11	CARBON	1.3K	5%	1/4W
R750	1-249-414-11	CARBON	560	5%	1/4W
R751	1-247-903-00	CARBON	1M	5%	1/4W
R752	1-249-430-11	CARBON	12K	5%	1/4W
R753	1-215-438-00	METAL	5.1K	1%	1/6W
R754	1-215-456-00	METAL	30K	1%	1/6W
R755	1-215-454-00	METAL	24K	1%	1/6W
R756	1-215-471-00	METAL	120K	1%	1/6W
R757	1-247-887-00	CARBON	220K	5%	1/4W
R758	1-249-422-11	CARBON	2.7K	5%	1/4W
R759	1-247-834-11	CARBON	1.3K	5%	1/4W

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

Ref.No.	Part No.	Description				
R760	1-249-414-11	CARBON	560	5%	1/4W	
R761	1-247-903-00	CARBON	1M	5%	1/4W	
R762	1-249-422-11	CARBON	2.7K	5%	1/4W	
R763	1-249-422-11	CARBON	2.7K	5%	1/4W	
R764	1-247-887-00	CARBON	220K	5%	1/4W	
R765	1-249-395-11	CARBON	15	5%	1/4W	
R766	1-249-395-11	CARBON	15	5%	1/4W	
R767	1-249-419-11	CARBON	1.5K	5%	1/4W	
R768	1-249-405-11	CARBON	100	5%	1/4W	
R770	1-215-453-00	METAL	22K	1%	1/6W	
R771	1-215-453-00	METAL	22K	1%	1/6W	
R772	1-215-453-00	METAL	22K	1%	1/6W	
R773	1-215-453-00	METAL	22K	1%	1/6W	
R774	1-215-429-00	METAL	2.2K	1%	1/6W	
R775	1-215-457-00	METAL	33K	1%	1/6W	
R776	1-215-457-00	METAL	33K	1%	1/6W	
R777	1-215-457-00	METAL	33K	1%	1/6W	
R778	1-215-433-00	METAL	3.3K	1%	1/6W	
R779	1-247-868-11	CARBON	36K	5%	1/4W	
R780	1-249-435-11	CARBON	33K	5%	1/4W	
R781	1-247-876-11	CARBON	75K	5%	1/4W	
R782	1-249-435-11	CARBON	33K	5%	1/4W	
R783	1-249-417-11	CARBON	1K	5%	1/4W	
R784	1-249-429-11	CARBON	10K	5%	1/4W	
R785	1-249-410-11	CARBON	270	5%	1/4W	
R787	1-212-861-11	FUSIBLE	15	5%	1/4W	F
R789	1-249-433-11	CARBON	22K	5%	1/4W	
R791	1-249-426-11	CARBON	5.6K	5%	1/4W	
R792	1-249-440-11	CARBON	82K	5%	1/4W	
R793	1-249-429-11	CARBON	10K	5%	1/4W	
R794	1-249-429-11	CARBON	10K	5%	1/4W	
R795	1-249-441-11	CARBON	100K	5%	1/4W	
R801	1-249-425-11	CARBON	4.7K	5%	1/4W	
R802	1-249-425-11	CARBON	4.7K	5%	1/4W	
R803	1-249-426-11	CARBON	5.6K	5%	1/4W	
R804	1-249-425-11	CARBON	4.7K	5%	1/4W	
R805	1-249-425-11	CARBON	4.7K	5%	1/4W	
R806	1-249-425-11	CARBON	4.7K	5%	1/4W	
R807	1-249-405-11	CARBON	100	5%	1/4W	
R808	1-249-441-11	CARBON	100K	5%	1/4W	
R809	1-247-883-00	CARBON	150K	5%	1/4W	
R810	1-247-883-00	CARBON	150K	5%	1/4W	
R811	1-247-883-00	CARBON	150K	5%	1/4W	
R812	1-247-883-00	CARBON	150K	5%	1/4W	
R813	1-247-883-00	CARBON	150K	5%	1/4W	
R815	1-249-433-11	CARBON	22K	5%	1/4W	
R816	1-249-418-11	CARBON	1.2K	5%	1/4W	
R817	1-249-420-11	CARBON	1.8K	5%	1/4W	
R820	1-249-418-11	CARBON	1.2K	5%	1/4W	
R821	1-249-420-11	CARBON	1.8K	5%	1/4W	
R822	1-249-423-11	CARBON	3.3K	5%	1/4W	
R823	1-249-428-11	CARBON	8.2K	5%	1/4W	
R824	1-249-418-11	CARBON	1.2K	5%	1/4W	
R825	1-249-420-11	CARBON	1.8K	5%	1/4W	
R826	1-249-423-11	CARBON	3.3K	5%	1/4W	
R827	1-249-428-11	CARBON	8.2K	5%	1/4W	
R828	1-249-418-11	CARBON	1.2K	5%	1/4W	

Ref.No.	Part No.	Description				
R829	1-249-420-11	CARBON	1.8K	5%	1/4W	
R830	1-249-423-11	CARBON	3.3K	5%	1/4W	
R831	1-249-428-11	CARBON	8.2K	5%	1/4W	
R832	1-249-418-11	CARBON	1.2K	5%	1/4W	
R833	1-249-420-11	CARBON	1.8K	5%	1/4W	
R834	1-249-423-11	CARBON	3.3K	5%	1/4W	
R835	1-249-428-11	CARBON	8.2K	5%	1/4W	
R836	1-249-418-11	CARBON	1.2K	5%	1/4W	
R837	1-249-420-11	CARBON	1.8K	5%	1/4W	
R838	1-249-423-11	CARBON	3.3K	5%	1/4W	
R839	1-249-428-11	CARBON	8.2K	5%	1/4W	
R842	1-247-891-00	CARBON	330K	5%	1/4W	
R845	1-249-429-11	CARBON	10K	5%	1/4W	
R846	1-249-429-11	CARBON	10K	5%	1/4W	
R851	1-215-457-00	METAL	33K	1%	1/6W	
R852	1-247-893-11	CARBON	390K	5%	1/4W	
R853	1-249-441-11	CARBON	100K	5%	1/4W	
R854	1-247-895-00	CARBON	470K	5%	1/4W	
R855	1-249-441-11	CARBON	100K	5%	1/4W	
RV1	1-238-601-11	RES, ADJ, CARBON 22K (VCO)				
RV301	1-241-037-21	RES, ADJ, CARBON 2.2K (HIGH SPEED)				
RV302	1-241-037-21	RES, ADJ, CARBON 2.2K (NORMAL SPEED)				
RV303	1-241-037-21	RES, ADJ, CARBON 2.2K (HIGH SPEED)				
RV304	1-241-037-21	RES, ADJ, CARBON 2.2K (NORMAL SPEED)				
RV305	1-241-138-11	RES, VAR, CARBON 50K/50K (VOLUME)				
RV306	1-241-137-11	RES, VAR, CARBON 100K/100K (100Hz)				
RV307	1-241-137-11	RES, VAR, CARBON 100K/100K (1kHz)				
RV308	1-241-137-11	RES, VAR, CARBON 100K/100K (10kHz)				
RV701	1-241-040-21	RES, ADJ, CARBON 22K (E-F BALANCE)				
RV702	1-237-288-11	RES, ADJ, CARBON 47K (FOCUS BIAS)				
RV703	1-228-991-00	RES, ADJ, METAL GLAZE 2.2K (VCO)				
RV704	1-241-040-21	RES, ADJ, CARBON 22K (TRACKING GAIN)				
RV705	1-241-040-21	RES, ADJ, CARBON 22K (FOCUS GAIN)				
S1	1-527-623-11	SWITCH, SLIDE (FM SENS)				
S301	1-571-876-21	SWITCH, SLIDE (REC/PB)				
S302	1-571-080-11	SWITCH, LEVER SLIDE (FUNCTION)				
S303	1-571-307-11	SWITCH, SLIDE (ISS)				
S304	1-527-620-11	SWITCH, PUSH (1 KEY)(SPACE SOUND)				
S305	1-554-824-11	SWITCH, PUSH (1 KEY)(POWER)				
S501	1-572-199-11	SWITCH, KEYBOARD (0)				
S501A	1-571-890-11	(DECK A)...SWITCH, LEAF (HI SPEED)				
S502	1-572-199-11	SWITCH, KEYBOARD (1)				
S502A	1-571-890-11	(DECK A)...SWITCH, LEAF (PLAY)				
S503	1-572-199-11	SWITCH, KEYBOARD (2)				
S503A	1-571-330-21	(DECK A)...SWITCH, LEAF (POWER)				
S504	1-572-199-11	SWITCH, KEYBOARD (3)				
S504A	1-571-890-11	(750L:DECK B)...SWITCH, LEAF (PLAY)				
S505	1-572-199-11	SWITCH, KEYBOARD (4)				
S505A	1-571-330-21	(750L:DECK B)...SWITCH, LEAF (POWER)				
S506	1-572-199-11	SWITCH, KEYBOARD (5)				
S507	1-572-199-11	SWITCH, KEYBOARD (6)				
S508	1-572-199-11	SWITCH, KEYBOARD (7)				
S509	1-572-199-11	SWITCH, KEYBOARD (MEMORY)				
S510	1-572-199-11	SWITCH, KEYBOARD (8)				
S511	1-572-199-11	SWITCH, KEYBOARD (9)				

Note: 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
S512	1-572-199-11	SWITCH, KEYBOARD (+10)
S513	1-572-199-11	SWITCH, KEYBOARD (+)
S514	1-572-199-11	SWITCH, KEYBOARD (-)
S515	1-572-199-11	SWITCH, KEYBOARD (BAND)
S601	1-571-330-21	(760L:DECK B)...SWITCH, LEAF (POWER)
S602	1-571-331-21	(760L:DECK B)...SWITCH, LEAF (PLAY)
S603	1-570-953-11	(760L:DECK B)...SWITCH, PUSH (1 KEY)(FF/REW)
S604	1-572-394-11	(760L:DECK B)...SWITCH, LEAF (REV)
S801	1-570-822-21	SWITCH, LEAF (OPEN/CLOSE)
S802	1-570-822-21	SWITCH, LEAF (LIMIT IN)
S803	1-572-199-11	SWITCH, KEYBOARD (STOP)
S804	1-572-199-11	SWITCH, KEYBOARD (PAUSE)
S805	1-572-199-11	SWITCH, KEYBOARD (PLAY)
S806	1-572-199-11	SWITCH, KEYBOARD (AMS DOWN)
S807	1-572-199-11	SWITCH, KEYBOARD (AMS UP)
S808	1-572-199-11	SWITCH, KEYBOARD (SRCH DOWN)
S809	1-572-199-11	SWITCH, KEYBOARD (SRCH UP)
S810	1-572-199-11	SWITCH, KEYBOARD (+10 AM/FM)
S811	1-572-199-11	SWITCH, KEYBOARD (CLOCK)
S812	1-572-199-11	SWITCH, KEYBOARD (TIMER)
S813	1-572-199-11	SWITCH, KEYBOARD (SLEEP)
S814	1-572-199-11	SWITCH, KEYBOARD (STANDBY)
S815	1-572-199-11	SWITCH, KEYBOARD (DISPLAY)
S816	1-572-199-11	SWITCH, KEYBOARD (PGMEDIT/CLEAR)
S817	1-572-199-11	SWITCH, KEYBOARD (AUTO SPACE)
S818	1-572-199-11	SWITCH, KEYBOARD (REPEAT 1/ALL)
S819	1-572-199-11	SWITCH, KEYBOARD (SHUFFLE PROGRAM)
S820	1-572-199-11	SWITCH, KEYBOARD (1)
S821	1-572-199-11	SWITCH, KEYBOARD (2)
S822	1-572-199-11	SWITCH, KEYBOARD (3)
S823	1-572-199-11	SWITCH, KEYBOARD (4)
S824	1-572-199-11	SWITCH, KEYBOARD (5)
S825	1-572-199-11	SWITCH, KEYBOARD (6)
S826	1-572-199-11	SWITCH, KEYBOARD (7)
S827	1-572-199-11	SWITCH, KEYBOARD (8)
S828	1-572-199-11	SWITCH, KEYBOARD (9)
S829	1-572-199-11	SWITCH, KEYBOARD (0)
SP1-1	1-503-867-21	SPEAKER
SP1-2	1-544-345-11	SPEAKER
SP2-1	1-503-867-21	SPEAKER
SP2-2	1-544-345-11	SPEAKER

Ref.No.	Part No.	Description
T4	1-406-399-11	COIL (OSC)(MW)
T5	1-406-400-11	COIL (OSC)(LW)
T301	1-433-372-11	TRANSFORMER, BIAS OSCILLATION
T302	1-450-126-11	TRANSFORMER, DC-DC CONVERTER
T901	△1-450-165-11	(EXCEPT UK)...TRANSFORMER, POWER
T901	△1-450-166-11	(UK).....TRANSFORMER, POWER
X301	1-578-787-21	(760L)...VIBRATOR, CERAMIC (500kHz)
X501	1-577-556-21	VIBRATOR, CRYSTAL (75kHz)
XF701	1-567-908-11	VIBRATOR, CRYSTAL (16.9344MHz)
XF801	1-567-098-00	VIBRATOR, CRYSTAL (32.768kHz)

ACCESSORY & PACKING MATERIAL

1-465-510-11	(760L)....COMMANDER, REMOTE (RMT-C760)
2-181-754-01	(760L)...COVER, BATTERY (FOR RMT-C760)
△1-555-234-00	(EXCEPT UK)...CORD, POWER
△1-558-032-21	(UK).....CORD, POWER
3-752-109-11	(AEP,UK,WG,IT)...MANUAL, INSTRUCTION (ENGLISH,FRENCH,GERMAN,SPANISH)
3-752-109-41	(AEP,IT).....MANUAL, INSTRUCTION (DITCH,SWEDISH,ITALIAN,PORTUGUESE)
*3-363-079-01	CUSHION (FRONT)
*4-914-253-01	LABEL, CLASS (1)
*4-938-775-02	CUSHION (UPPER)
*4-938-776-02	CUSHION (LOWER)

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

CFD-750L/760L

SONY[®] SERVICE MANUAL

AEP Model
CFD-750L/760L

UK Model
CFD-750L

SUPPLEMENT-1

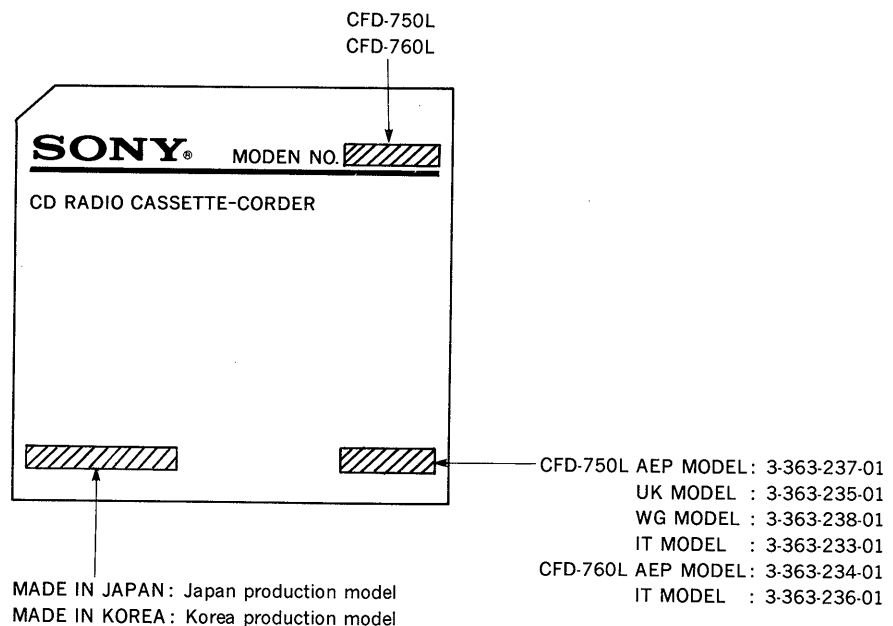
File this supplement with the service manual.

1. Add to korea production model
2. Note for IC305

Refer to serial number plate which is located on bottom of cabinet to find the production country.

MODEL IDENTIFICATION

— Specification Labels —

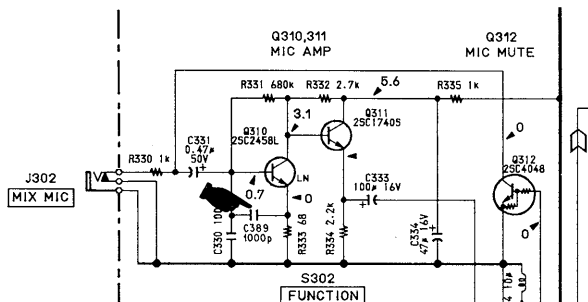


The following are different point of circuit from Korea production.

👉: different point

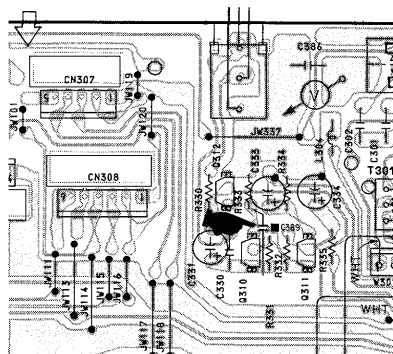
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(Location C-4)

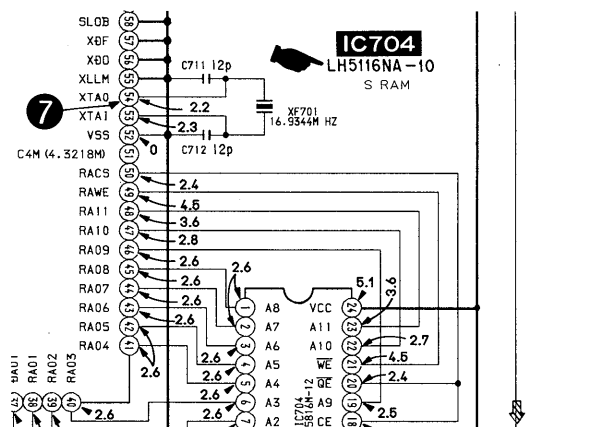


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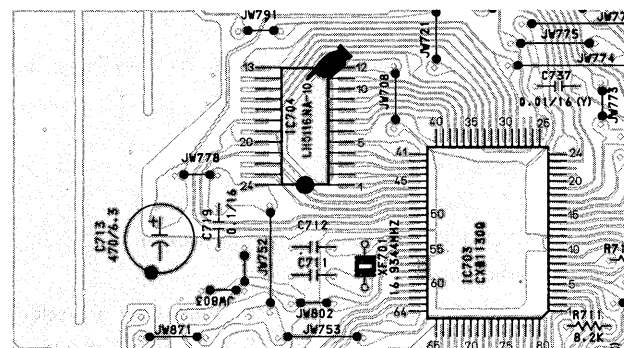
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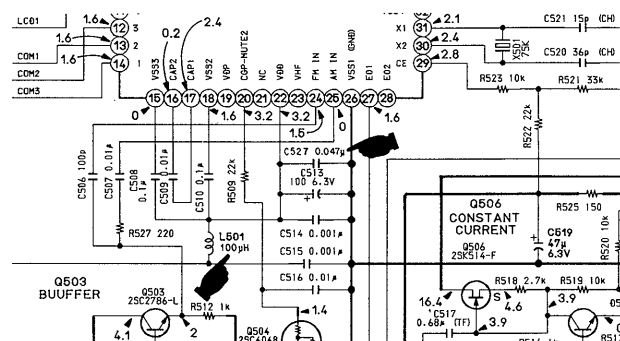
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(Location D-20)



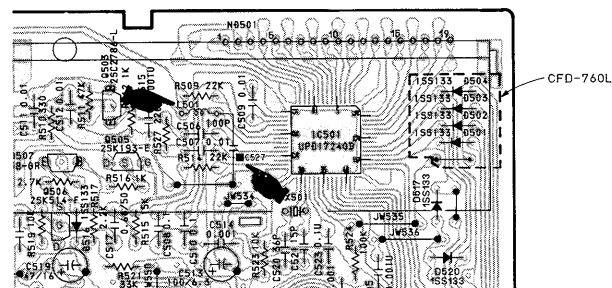
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(Location C-11)



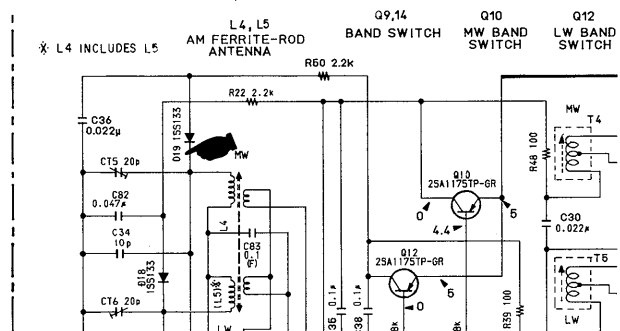
Page 43
(Location H-4)



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(Location G-6)



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(Location B-8)



DIFFERENT 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, -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

• IT : Italian model

Page	Ref. No.	Part No.	Description
49	901 *	A-3270-971-A	MAIN BOARD, ASSY (750L) (AEP)
		* A-3270-973-A	MAIN BOARD, ASSY (750L) (UK/Germany/IT)
		* A-3270-974-A	MAIN BOARD, ASSY (760L) (IT)
	902 *	A-3270-972-A	TU CONTROL, ASSY (750L)
		* A-3270-978-A	TUCONTROL, ASSY (760L)
50	66	4-922-858-01	DAMPER (BRN)
	68	4-922-858-11	DAMPER (BLU)
	905 *	A-3270-977-A	CD CONTROL, ASSY
	906 *	A-3270-976-A	CD MAIN BOARD, ASSY
	908 *	1-639-243-21	CD MOTOR BOARD
51	113	3-703-150-11	STOPPER WIRING
	T901 Δ	1-450-467-11	TRANSFORMER, POWER (EXCEPT FOR UK)
	Δ	1-450-468-11	TRANSFORMER, POWER (UK)
58	901 *	A-3270-971-A	MAIN BOARD, ASSY (750L) (AEP)
		* A-3270-973-A	MAIN BOARD, ASSY (750L) (UK/Germany/IT)
		* A-3270-974-A	MAIN BOARD, ASSY (760L) (IT)
	902 *	A-3270-972-A	TU CONTROL, ASSY (750L)
		* A-3270-978-A	TU CONTROL, ASSY (760L)
	905 *	A-3270-977-A	CD CONTROL, ASSY
	906 *	A-3270-976-A	CD MAIN BOARD, ASSY
	908 *	1-639-243-21	CD MOTOR BOARD
60	C389	1-162-294-31	CERAMIC 1000PF 10% 50V
	C527	1-162-847-11	CERAMIC 0.047 μ F 10% 16V
61	CN301 *	1-506-996-11	PIN CONNECTOR 14P
	CN302 *	1-564-778-11	PULG CONNECTOR 4P

Page	Ref. No.	Part No.	Description
	CN316 *	1-506-984-11	PIN CONNECTOR 2P
	CN703 *	1-506-988-11	PIN CONNECTOR 6P
	CN704 *	1-506-996-11	PIN CONNECTOR 14P
	CN717 *	1-566-003-11	PIN CONNECTOR 6P
	CN901 *	1-506-998-11	PIN CONNECTOR 2P
	CN902 *	1-506-778-31	PLUG CONNECTOR 2P
	CN903 *	1-564-778-11	PLUG CONNECTOR 4P
	D8		Delete
	D19	8-719-911-19	DIODE 1SS119
	D353	8-719-918-76	DIODE GL-3PR9
62	D601	8-719-911-19	DIODE 1SS119 (760L)
	D901	8-719-902-17	DIODE U15G
	D902	8-719-902-17	DIODE U15G
	D903	8-719-902-17	DIODE U15G
	D904	8-719-902-17	DIODE U15G
	F903 Δ	1-532-603-21	FUSE, TEMPERATURE 2.5A (EXCEPT FOR UK)
	IC704	8-759-984-09	IC LH5116NA-10
	IC801	8-752-819-29	IC CXP5078-063Q
	L301	1-410-336-11	INDUCTOR 220UH
	L304	1-410-509-11	INDUCTOR 10UH
	L305	1-410-521-11	INDUCTOR 100UH
	L601	1-410-521-11	INDUCTOR 100UH (760L)
	L602	1-410-521-11	INDUCTOR 100UH (760L)
	L603	1-410-521-11	INDUCTOR 100UH (760L)
	L604	1-410-521-11	INDUCTOR 100UH (760L)
	L605	1-410-521-11	INDUCTOR 100UH (760L)
	L606	1-410-336-11	INDUCTOR 220UH (760L)
	Q3	8-729-900-74	TRANSISTOR DTC143TS
	Q4	8-729-900-74	TRANSISTOR DTC143TS
63	Q110	8-729-925-16	TRANSISTOR 2SC1740SLN-RS

Page	Ref. No.	Part No.	Description
63	Q210	8-729-925-16	TRANSISTOR 2SC1740SLN-RS
	Q310	8-729-925-16	TRANSISTOR 2SC1740SLN-RS
	Q311	8-729-119-78	TRANSISTOR 2SC2785-HFE
	Q354	8-729-119-78	TRANSISTOR 2SC2785-HFE
	Q702	8-729-119-78	TRANSISTOR 2SC2785-HFE
	Q703	8-729-119-78	TRANSISTOR 2SC2785-HFE
	Q704	8-729-119-78	TRANSISTOR 2SC2785-HFE
	Q712	8-729-119-78	TRANSISTOR 2SC2785-HFE
	Q713	8-729-119-78	TRANSISTOR 2SC2785-HFE
	Q803	8-729-119-78	TRANSISTOR 2SC2785-HFE
	R65		Delete
	R66	1-249-405-11	CARBON 100 5% 1/4W
66	S501	1-553-856-00	SWITCH, KEYBOARD (0)
	S502	1-553-856-00	SWITCH, KEYBOARD (1)
	S503	1-553-856-00	SWITCH, KEYBOARD (2)
	S504	1-553-856-00	SWITCH, KEYBOARD (3)
	S505	1-553-856-00	SWITCH, KEYBOARD (4)
	S506	1-553-856-00	SWITCH, KEYBOARD (5)
	S507	1-553-856-00	SWITCH, KEYBOARD (6)
	S508	1-553-856-00	SWITCH, KEYBOARD (7)
	S509	1-553-856-00	SWITCH, KEYBOARD (MEMORY)
	S510	1-553-856-00	SWITCH, KEYBOARD (8)
	S511	1-553-856-00	SWITCH, KEYBOARD (9)
67	S512	1-553-856-00	SWITCH, KEYBOARD (+10)
	S806	1-553-856-00	SWITCH, KEYBOARD (AMS DOWN)
	S808	1-553-856-00	SWITCH, KEYBOARD (SRCH DOWN)
	S809	1-553-856-00	SWITCH, KEYBOARD (SRCH UP)
	S811	1-553-856-00	SWITCH, KEYBOARD (CLOCK)
	S812	1-553-856-00	SWITCH, KEYBOARD (TIMER)
	S813	1-553-856-00	SWITCH, KEYBOARD (SLEEP)
	S814	1-553-856-00	SWITCH, KEYBOARD (STANDBY)
	S816	1-553-856-00	SWITCH, KEYBOARD (PGMEDIT/CLEAR)
	S817	1-553-856-00	SWITCH, KEYBOARD (AUTO SPACE)
	S818	1-553-856-00	SWITCH, KEYBOARD (REPEAT 1/ALL)
	S820	1-553-856-00	SWITCH, KEYBOARD (1)
	S821	1-553-856-00	SWITCH, KEYBOARD (2)
	S822	1-553-856-00	SWITCH, KEYBOARD (3)
	S823	1-553-856-00	SWITCH, KEYBOARD (4)
	S825	1-553-856-00	SWITCH, KEYBOARD (6)
	S826	1-553-856-00	SWITCH, KEYBOARD (7)
	S827	1-553-856-00	SWITCH, KEYBOARD (8)
	S828	1-553-856-00	SWITCH, KEYBOARD (9)

Page	Ref. No.	Part No.	Description
67	T901	△ 1-450-467-11	TRANSFORMER POEWR (EXCEPT FOR UK)
		△ 1-450-468-11	TRANSFORMER POEWR (UK)
67			ACCESSORY & PACKING MATERIAL
	*	3-368-288-01	IINDIVIDUAL CARTON (AEP/IT) (760L)
	*	3-368-291-01	IINDIVIDUAL CARTON (AEP/UK/Germany/IT) (750L)
	*	3-368-285-01	CUSHION (UPPER)
	*	3-368-284-01	CUSHION (INNER)
	*	3-368-283-01	CUSHION (LOWER)

FOR MODEL CFD-760L ONLY**2. Note for IC305**

IC305 is used two different type of IC's such as MB88201-1011 or MB88201-1022L.

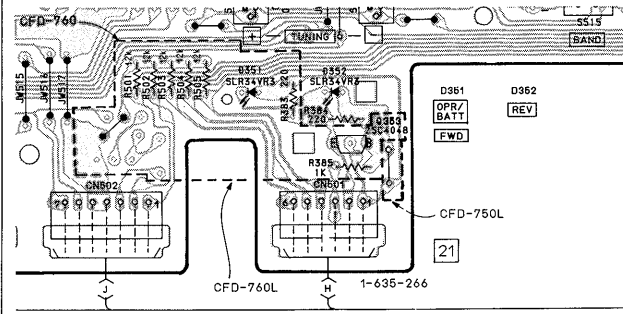
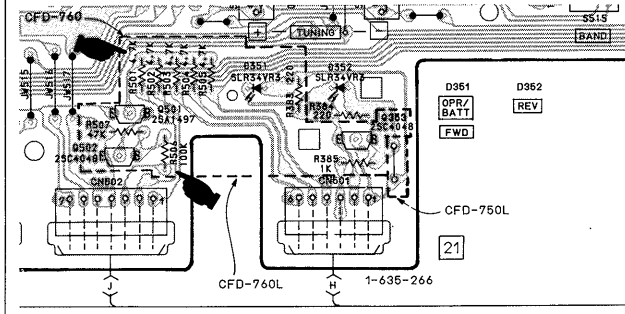
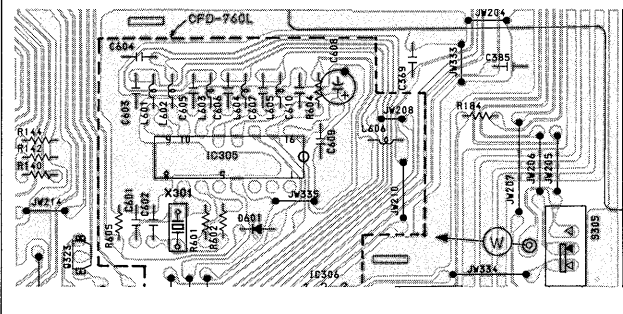
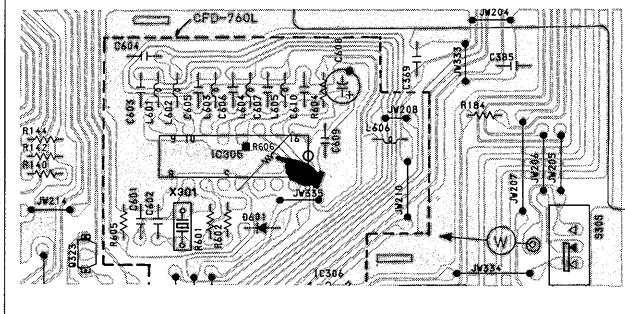
The following are different parts of circuit for these IC's.

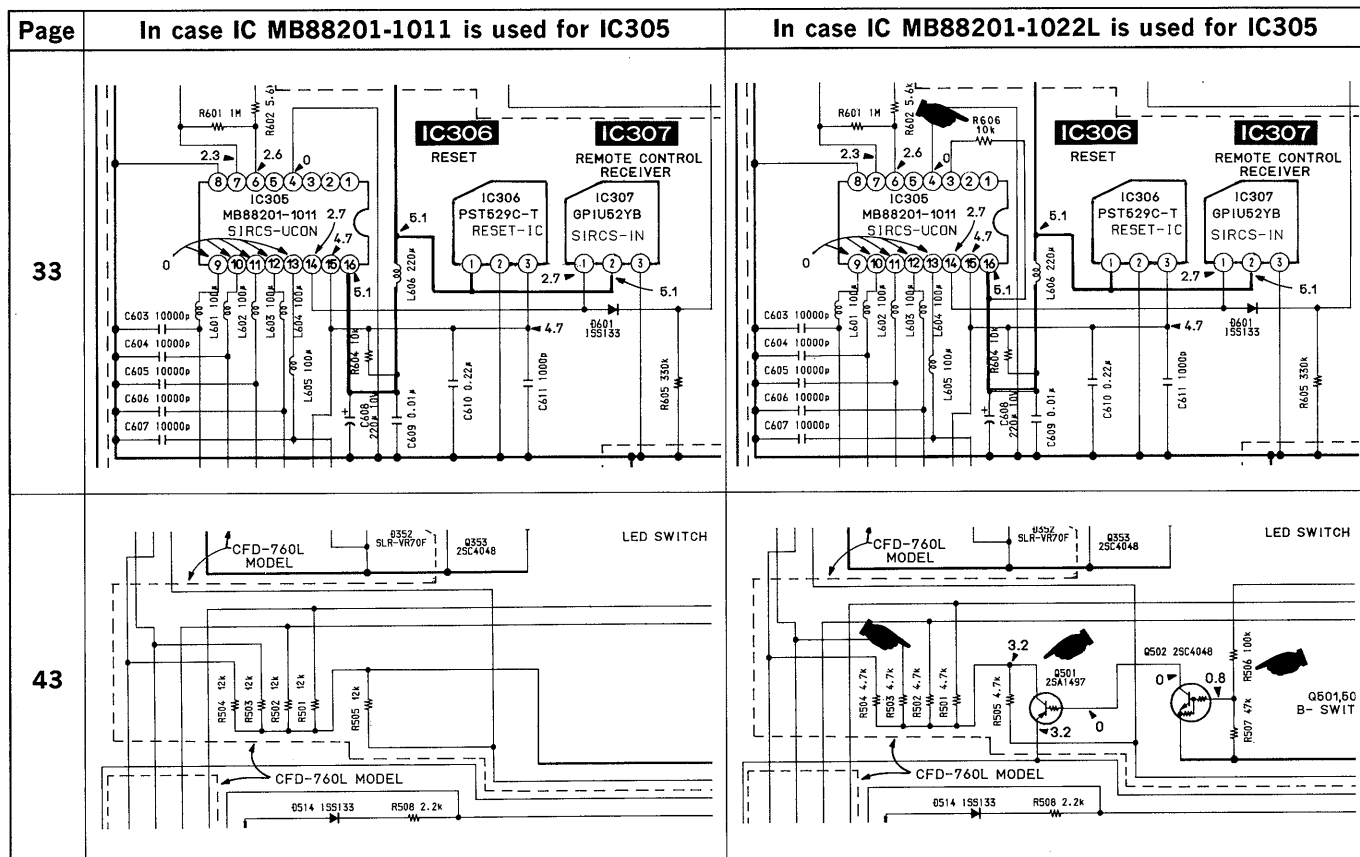
Page	In case IC MB88201-1011 is used for IC305			In case IC MB88201-1022L is used for IC305		
	Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
62	IC305	8-759-500-97	IC MB88201-1011	IC305	8-759-510-31	IC MB88201-1022L
63	Q501		Not used	Q501	8-729-904-34	TRANSISTOR DTA114TS
	Q502		Not used	Q502	8-729-806-30	TRANSISTOR 2SC4048
65	R501	1-249-430-11	CARBON 12K 5% 1/4W	R501	1-249-425-11	CARBON 4.7K 5% 1/4W
	R502	1-249-430-11	CARBON 12K 5% 1/4W	R502	1-249-425-11	CARBON 4.7K 5% 1/4W
	R503	1-249-430-11	CARBON 12K 5% 1/4W	R503	1-249-425-11	CARBON 4.7K 5% 1/4W
	R504	1-249-430-11	CARBON 12K 5% 1/4W	R504	1-249-425-11	CARBON 4.7K 5% 1/4W
	R505	1-249-430-11	CARBON 12K 5% 1/4W	R505	1-249-425-11	CARBON 4.7K 5% 1/4W
	R506		Not used	R506	1-249-441-11	CARBON 100K 5% 1/4W
	R507		Not used	R507	1-249-437-11	CARBON 47K 5% 1/4W
	R606		Not used	R606	1-249-429-11	CARBON 10K 5% 1/4W

IC MB88201-1011 can substitute to IC MB88201-1022L with some circuit modifications.

(For detail information. Refer to IC MB88201-1022L circuit.)

: different point

Page	In case IC MB88201-1011 is used for IC305	In case IC MB88201-1022L is used for IC305
27		
29		



CFD-750L/760L

SONY SERVICE MANUAL

AEP Model
CFD-750L/760L

UK Model
CFD-750L

SUPPLEMENT-2

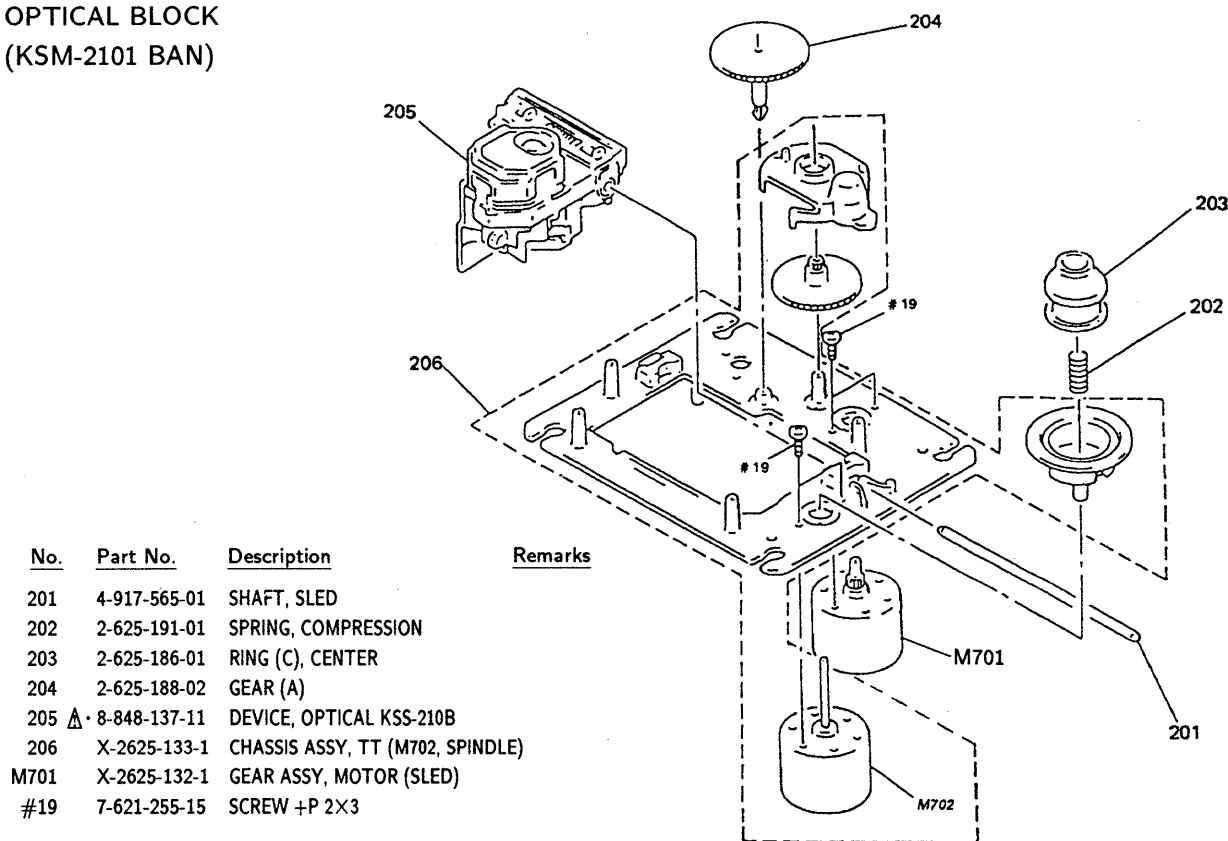
File this supplement with the service manual.

Subject : KSM-2101 BAN Optical Block Parts

The KSM-210 BAN and KSM-2101 BAN optical blocks were used in the CFD-750L/760L, but the Service Manual only shows the parts for KSM-210 BAN optical block. The type of optical block used in this model is marked on the optical block's chassis.

Refer to the following diagram for KSM-2101 BAN optical block parts :

OPTICAL BLOCK
(KSM-2101 BAN)



No.	Part No.	Description	Remarks
201	4-917-565-01	SHAFT, SLED	
202	2-625-191-01	SPRING, COMPRESSION	
203	2-625-186-01	RING (C), CENTER	
204	2-625-188-02	GEAR (A)	
205	8-848-137-11	DEVICE, OPTICAL KSS-210B	
206	X-2625-133-1	CHASSIS ASSY, TT (M702, SPINDLE)	
M701	X-2625-132-1	GEAR ASSY, MOTOR (SLED)	
#19	7-621-255-15	SCREW +P 2X3	

CFD-750L/760L

SONY SERVICE MANUAL

AEP Model
CFD-750L/760L

UK Model
CFD-750L

CORRECTION-1

Correct your service manual as shown below.

The following information is instruction of "How to put into service mode" for CD section. (Page 13)

How to put into service mode.

1. Short-circuit between the test point on CD control board.
2. Turn the power on.
3. When LCD lights up and brinks.
4. Release the short-circuit the test point.

In Service mode

Perform the following check. Repair if there are any problems.

1. LCD brinks with the following orders.
All lights up → common 0 → 1 → 2 → 3 → All lights off.
2. When the pause key pushed. LCD brink stops and the laser diode in the optical pick-up block lights up.

Sled motor check.

Press ►►, ◄◄ keys and confirm that the optical pick-up block moves smoothly from the innermost to outermost circumference and back smoothly and with no catching or abnormal noises.

- : Optical pick-up block moves to the outrer circumference.
- ◄◄ : Optical pick-up block moves to the inner circumference.

• Focus Search Check.

Press ► key. Focus search servo operation and spindle servo operation performed.

Press DISPLAY key. Tracking servo operation performed.

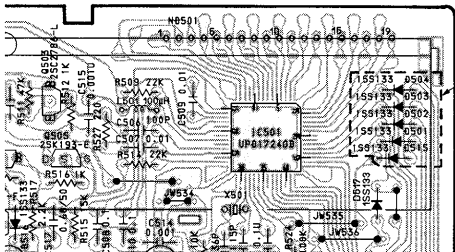
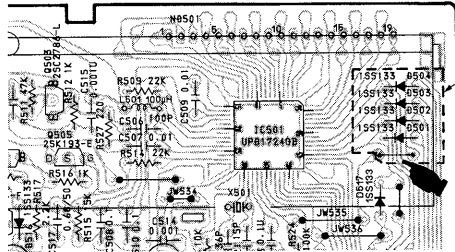
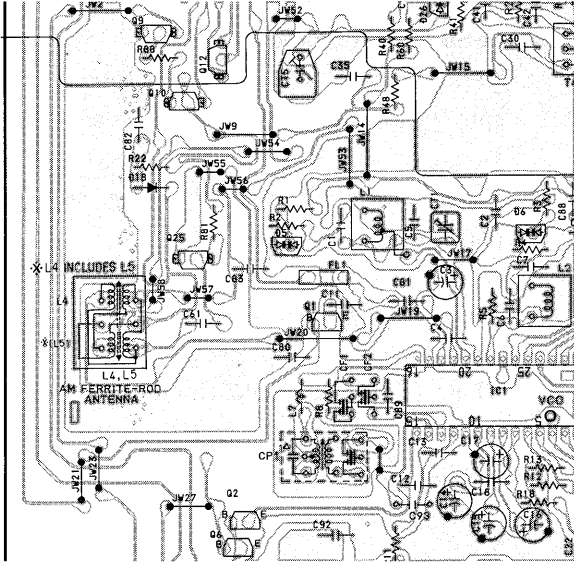
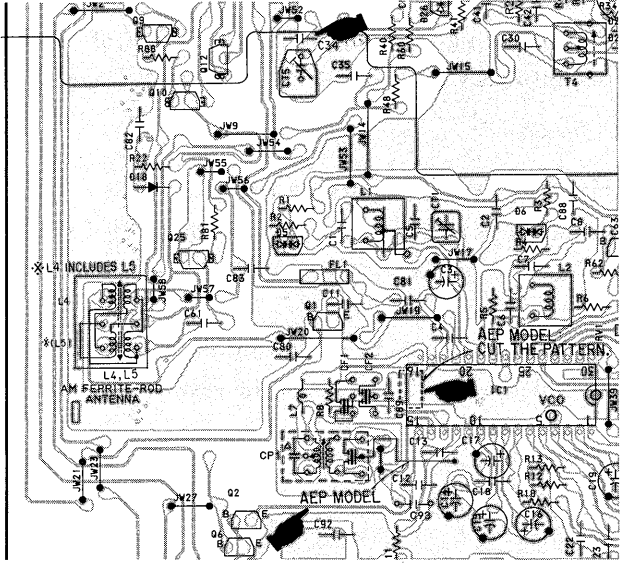
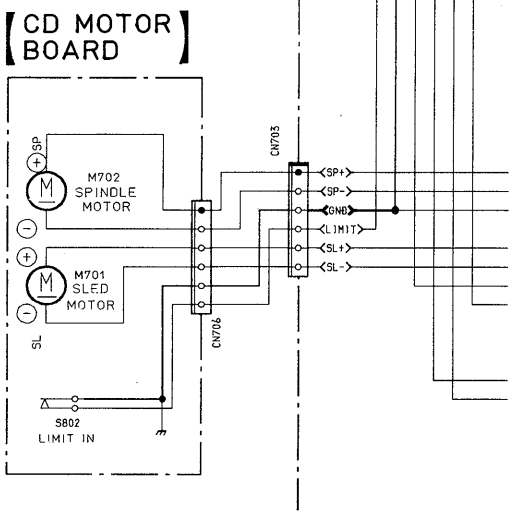
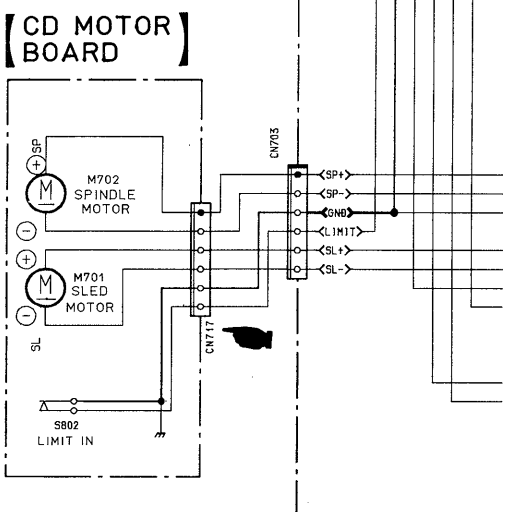
Press ■ key. All servo operation stops and the laser diode in the optical pick-up block lights off. Then, LCD blinks with the following orders again.
All lights up → common 0 → 1 → 2 → 3 → All lights off

How to release service mode.

Turn the power off and turn the power on again.

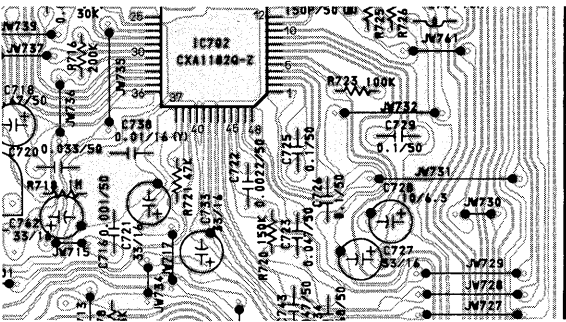
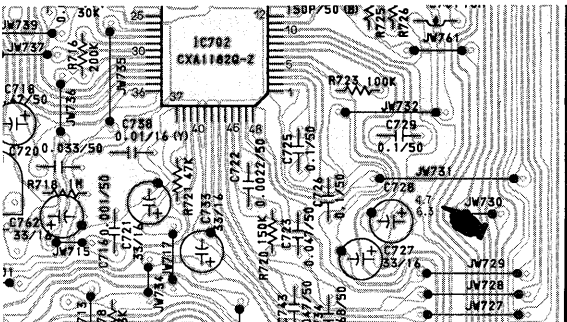
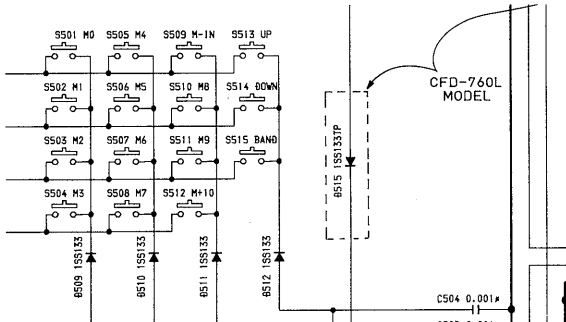
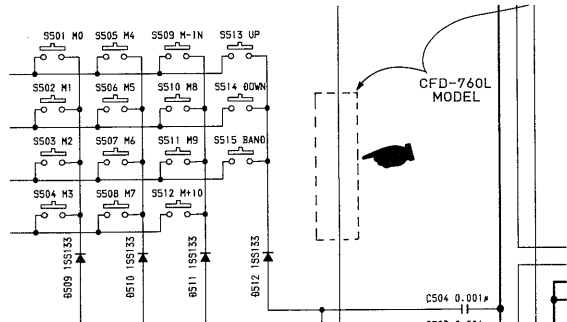
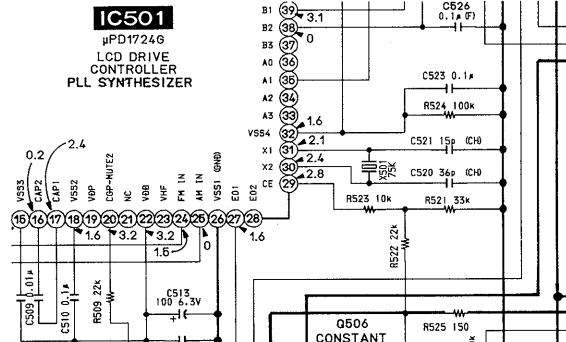
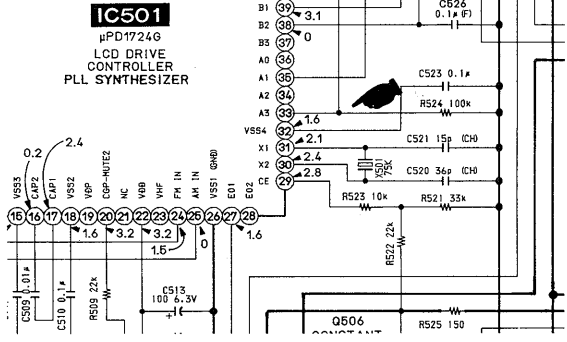
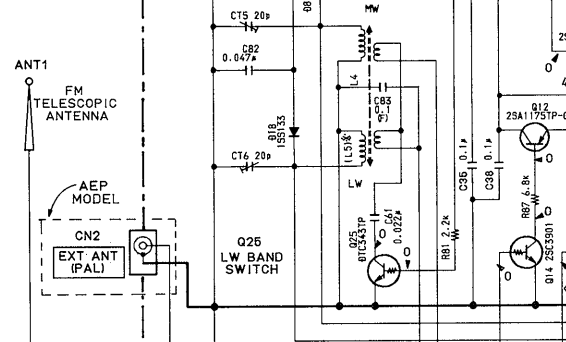
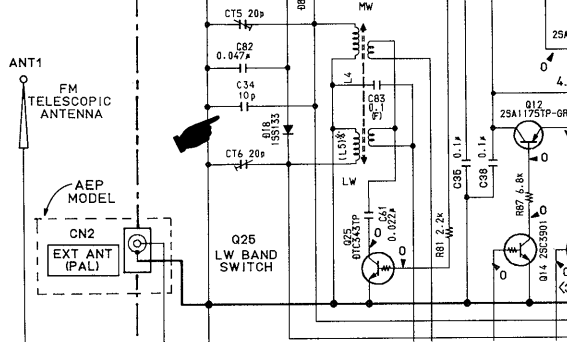
Note : When the mulfunction is occured by mispassing other keys, turn off the power and check again from making the service mode.

✖ : indicates corrected portion.

Page	INCORRECT	CORRECT
27	 <p>CFD-760L</p>	 <p>CFD-760L</p>
28	 <p>AM FERRITE-ROD ANTENNA</p>	 <p>AM FERRITE-ROD ANTENNA</p>
36	 <p>CD MOTOR BOARD</p>	 <p>CD MOTOR BOARD</p>

Page	INCORRECT	CORRECT
36		
37		
39		
40		

 : indicates corrected portion.

Page	INCORRECT	CORRECT
41		
43		
		
44		

☞ : indicates corrected portion.

Page	INCORRECT				CORRECT			
44								
57								
60	C728	1-131-377-00	TANTALUM 10uF 10% 6.3V		C728	1-131-375-00	TANTALUM 4.7uF 10% 6.3V	
61	CN705	*1-564-716-11	PIN, CONNECTOR (SMALL TYPE) 14P		CN704	*1-564-716-11	PIN, CONNECTOR (SMALL TYPE) 14P	
62	D515	8-719-911-19	(760L)...DIODE 1SS119		D515		Delete	
65					R606	1-249-429-11	CARBON 10KΩ 5% 1/4W (760L)	

