

SHARP SERVICE MANUAL

No. S8531 CDC250XK

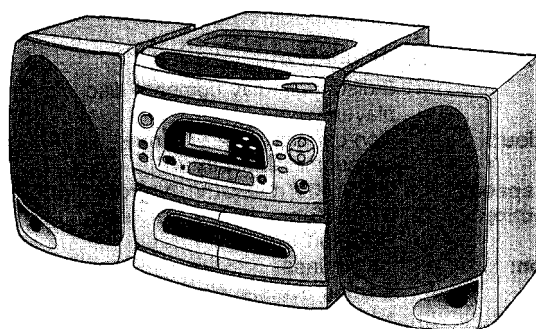


Illustration: CD-C250X/CP-C250

MODEL **CD-C250X(BK)**
CD-C260X(BK)
CP-C250(BK)

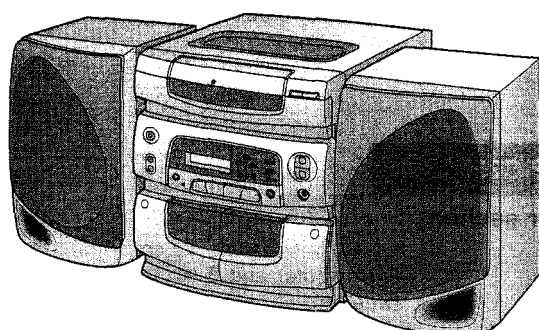


Illustration: CD-C260X/CP-C250



- Difference between CD-C250X and CD-C260X
CD-C250X differs from CD-C260X only in the design of cassette lid, Front Panel and CD Cover but their functions are the same.

- In the interests of user-safety the set should be restored to its original condition and only parts identical to those specified be used.

COMPACT
disc
DIGITAL AUDIO

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CD-C250X/260X CP-C250

FOR A COMPLETE DESCRIPTION OF THE OPERATION OF THIS UNIT, PLEASE REFER TO THE OPERATION MANUAL.

SPECIFICATIONS

CD-C250X/260X

● General

Power source: A C 11 0/127/220/230-240 V, 50/60 Hz
Power consumption: 80 W
Dimensions: Width; 270 mm (1 0-5/8")
Height; 280 mm (11-1/16")
Depth; 340 mm (13-7/16")
Weight: 5.6 kg (12.3 lbs.)

● Amplifier section

Output power: PMPO; 100 W (total)
MPO; 36 W (18 W + 18 W)
(10 % T.H.D.)
RMS; 20 W (10 W + 10 W)
(10 % T.H.D.)
Output terminals: Speakers; 8 ohms
Headphones; 16-50 ohms
(recommended; 32 ohms)

● Tuner section

Frequency range: FM; 88 - 108 MHz
AM; 531-1,602 kHz (9kHz span)
530 - 1,620kHz (1 0kHz span)

● Cassette deck section

Frequency response: 50 - 14,000 Hz (Normal tape)
50 - 15,000 Hz (CrO₂ tape)
Motor: DC motor with electronic governor × 1
Signal/noise ratio: 55 dB (TAPE 1, playback)
50 dB (TAPE 2, recording/playback)
0.15 % (WRMS)
Wow and flutter: AC
Bias and erasure system: AC
Tape speed: 4.76 cm/sec. (1-7/8 ips.)
Heads: TAPE-1: Playback × 1
TAPE-2: Record/playback × 1
Erase × 1

● Compact disc player section

Type: 3-disc multi-play compact disc player
Signal readout: Non-contact, 3-beam semi-conductor laser pickup
Rotational speed: 200 - 500 rpm CLV, Approx.
Error correction: CIRC (Cross Interleave Reed-Solomon Code)
Quantization: 16 bit linear
Filter: 8-times oversampling digital filter
D/A converter: 1-bit D/A converter
Frequency response: 20 - 20,000 Hz
Dynamic range: 90 dB (1 kHz)
Wow and flutter: Unmeasurable
(less than 0.001% W. peak)

CP-C250

● Speaker section

Type: 2-way, bass-reflex [12 cm (4-3/4") woofer and 5 cm (2") tweeter]
Maximum input power: 20 W
Rated input power: 10 W
Impedance: 8 ohms
Dimensions: Width; 170 mm (6-3/4")
Height; 280 mm (11-1/16")
Depth; 201 mm (7-15/16")
Weight: 2.3 kg (5.1 lbs.)/each

Specifications for this model are subject to change without prior notice.

VOLTAGE SELECTION

The voltage selector is located on the AC voltage selector box. If adjustment is necessary, use a screwdriver in order to slide the selector to match to the correct voltage.

AC POWER SUPPLY CORD AND PLUG

QACCA0001AW00



QACCE0001AW00



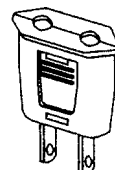
92LCõRDA1387C



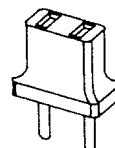
92LCõRDT1699A



92LPLUG027



92LPLUG155A



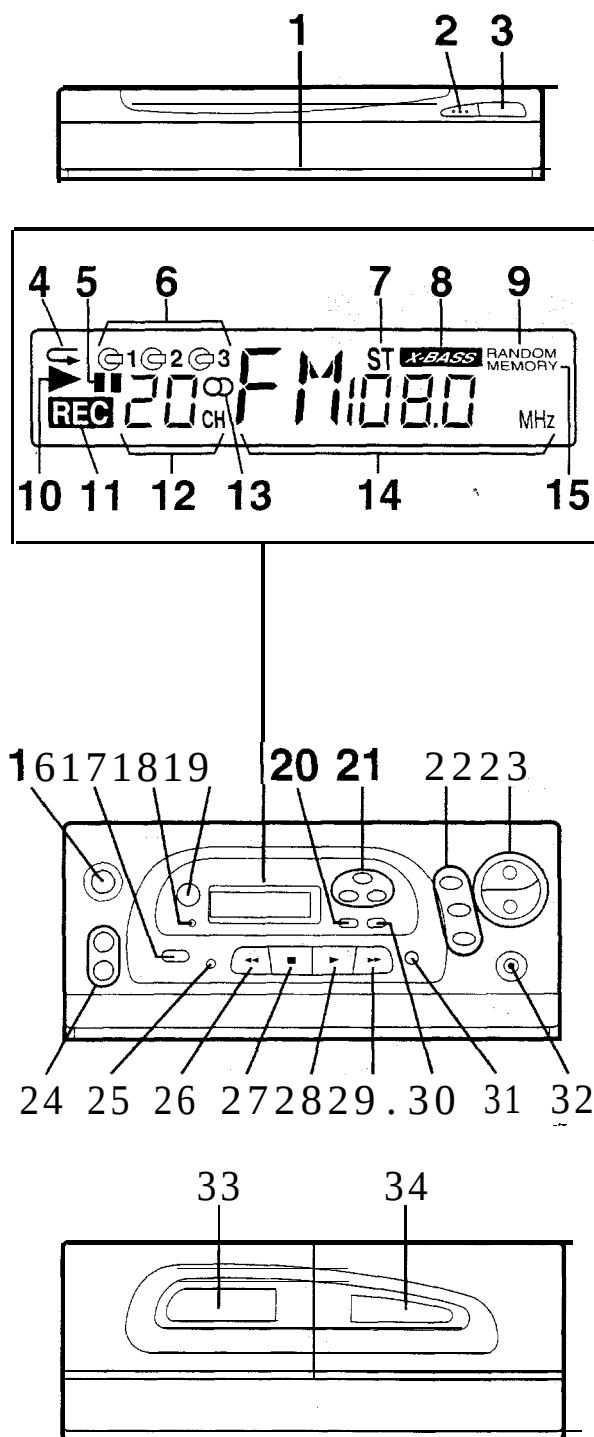
NAMES OF PARTS

Illustration: CD-C250X

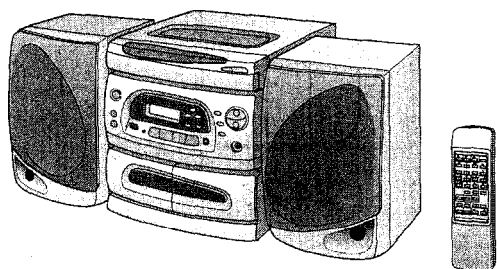
CD-C250X/260X

■ Front panel

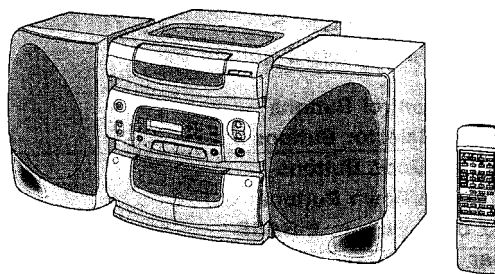
1. Disc Tray
2. Disc Skip Button
3. Open/Close Button:
4. CD Repeat Indicator:
5. CD Pause Indicator:
6. Disc Number Indicator
7. FM Stereo Mode Indicator
8. Extra Bass Indicator: X-BASS
9. Random Indicator
10. CD Play Indicator:
11. Record Indicator
12. Preset Channel Indicator
13. FM Stereo Indicator:
14. Function/Track Number/CD Counter/
Band/Frequency/Volume Indicator
15. Memory Indicator
16. Power Switch
17. Record Start Button:
18. Stand-By Indicator
19. Remote Control Sensor
20. Extra Bass Button: X-BASS
21. Disc Number Select Buttons
22. Function Selector Buttons
23. Volume Up/Down Buttons:
24. Tuning Up/Down Buttons:
25. Reset Button
26. Track Down/Review/Preset Down Button:
27. Stop Button:
28. Play/Repeat Button:
29. Track Up/Cue/Preset Up Button:
30. Equalizer Mode Button
31. Memory Button
32. Headphones Socket
33. (TAPE 1) Cassette Compartment
34. (TAPE 2) Cassette Compartment



CD-C250X



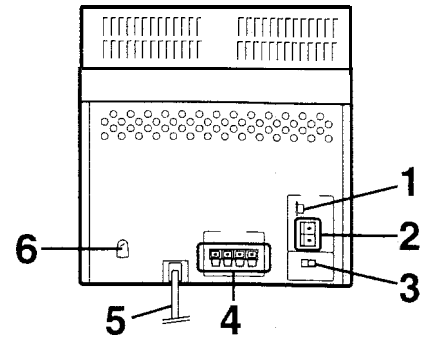
CD-C260X



CD-C250X/260X CP-C250

■ Rear panel

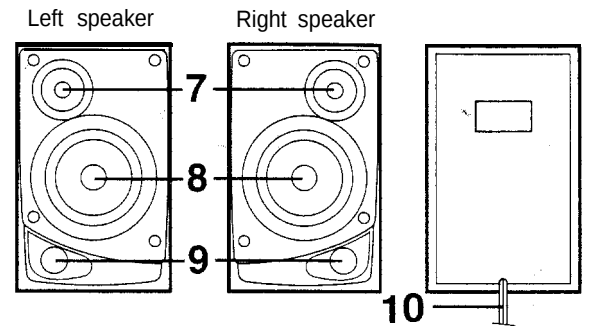
1. AM Loop Aerial Socket
2. FM 75 ohms Aerial Terminal
3. Span Selector Switch
4. Speaker Terminals
5. AC Power Lead
6. AC Voltage Selector



CP-C250

■ Speaker section

7. Tweeter
 8. Woofer
 9. Bass Reflex Duct
- *  Speaker Wire

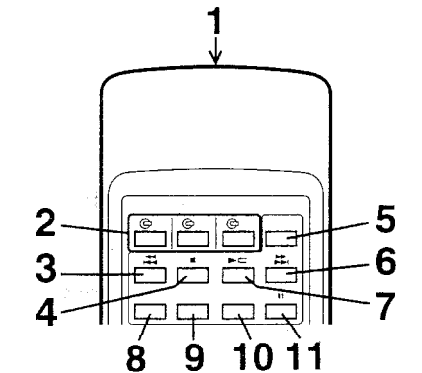


□ Remote control

1. Remote Control Transmitter Window

● CD control section

2. Disc Number Select Buttons
3. Track Down/Review Button: ◀◀/◀◀
4. Stop Button: ■
5. Disc Skip Button
6. Track Up/Cue Button: ▶▶/▶▶
7. Play/Repeat Button: ▶◀
8. Random Button
9. Clear Button
10. Memory Button
11. Pause Button: ||



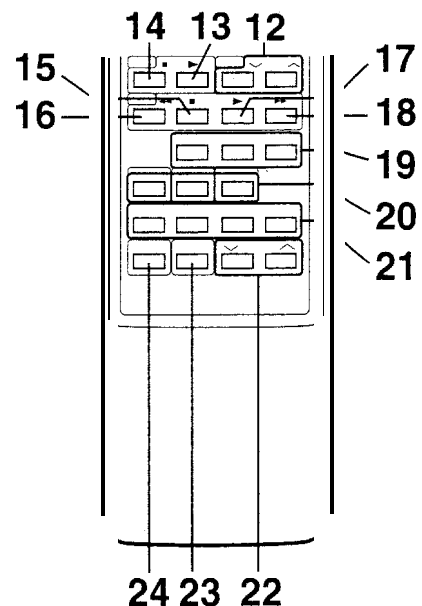
● Tuner control section

12. Preset Up/Down Buttons: ∇/▲

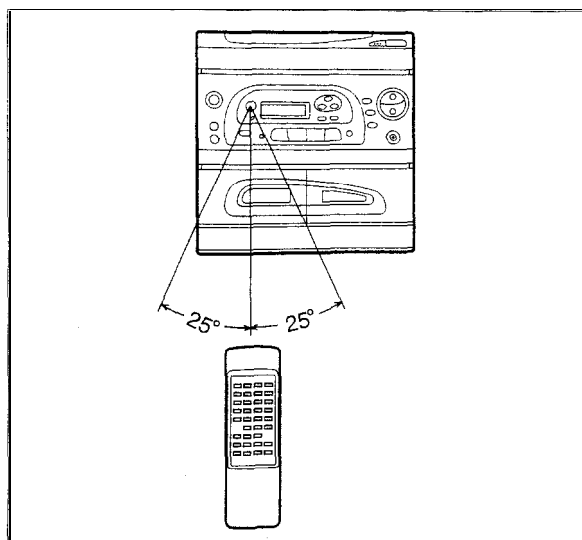
● Tape control section

13. (TAPE 1) Play Button: ▶
14. (TAPE 1) Stop Button: ■
15. (TAPE 2) Stop Button: ■
16. (TAPE 2) Rewind Button: ◀◀
17. (TAPE 2) Play Button: ▶
18. (TAPE 2) Fast Forward Button: ▶▶

19. Balance Control Buttons
20. Function Selector Buttons
21. Equalizer Mode Buttons
22. Volume Up/Down Buttons: ∇/▲
23. Extra Bass Button: X-BASS
24. Power Button



OPERATION MANUAL



■ Proper use of the remote control

Aim the remote control at the remote control sensor within 50°, with no obstacles, and operate as shown.

Notes concerning use:

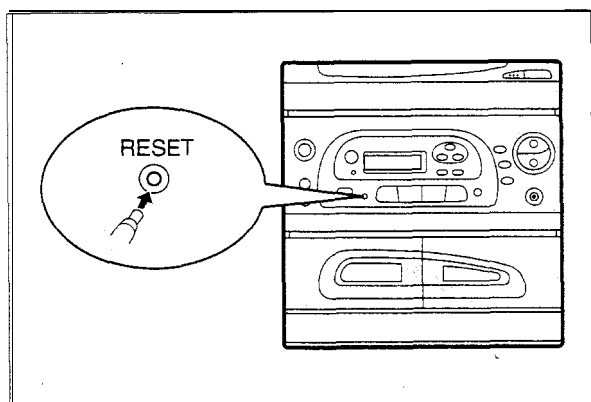
- Replace the batteries if control distance decreases or operation becomes erratic.
- Periodically clean the transmitter window on the remote control and the sensor on the main unit with a soft cloth.
- Exposing the sensor on the main unit to strong light can interfere with operation. Change the lighting or the direction of the unit.
- Keep the remote control away from moisture, excessive heat, shock, and vibrations.
- The remote control's usable range is between 0.2 m (8") and 6 m (20') away from the sensor.

RESETTING THE MICROCOMPUTER

Reset the microcomputer by performing the following procedure for the cases shown below:

- To erase all of the stored memory contents, or
- If the display does not function properly, or
- The unit does not operate properly.

- 1 Set the POWER switch to STAND-BY.
- 2 Disconnect the AC power lead from the AC socket.
- 3 Press the RESET button for at least 5 seconds



■ AM/FM interval (span)

The International Telecommunication Union (ITU) has established that member countries should maintain either a 10 kHz or a 9 kHz interval between broadcasting frequencies of any AM station. The illustration shows the 9 kHz interval zones (regions 1 and 3), and the 10 kHz interval zone (region 2).

Before using the unit, set the SPAN SELECTOR switch (on the rear panel) to AM tuning interval (span) of your area.

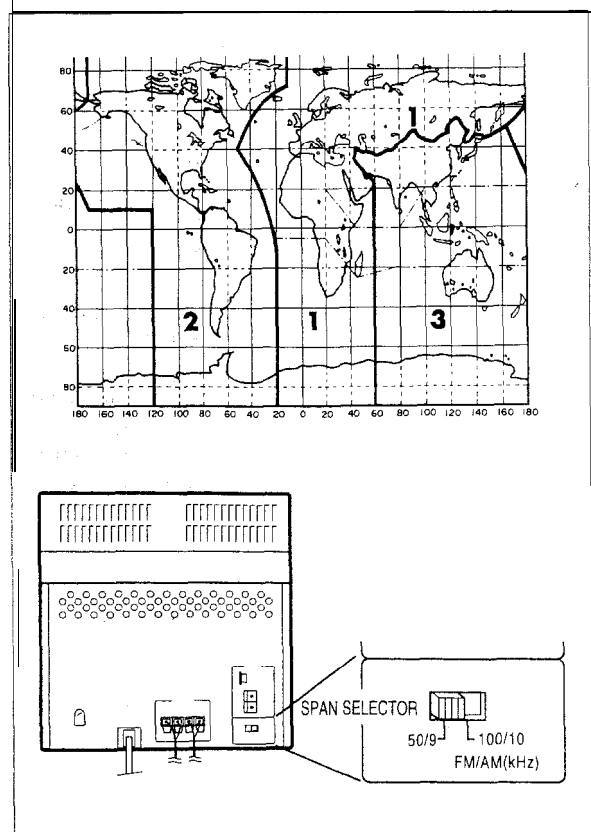
- Set the SPAN SELECTOR switch to "50/9" for 9 kHz AM interval (50 kHz FM interval), and "100/10" for 10 kHz AM interval (100 kHz FM interval).

To change the tuning zone:

- 1 Disconnect the AC power lead from the AC socket
- 2 Press the RESET button on the front panel for at least 3 seconds.
- 3 Set the SPAN SELECTOR switch as desired.
- 4 Reconnect the AC power lead into an AC socket.

Note:

- When the SPAN SELECTOR switch is switched, the memorised stations will be cancelled.



DISASSEMBLY

Caution on Disassembly

Follow the below-mentioned notes when disassembling the unit and reassembling it, to keep it safe and ensure excellent performance:

1. Take cassette tape and compact disc out of the unit.
2. Be sure to remove the power supply plug from the wall outlet before starting to disassemble the unit.
3. Take off nylon bands or wire holders where they need be removed when disassembling the unit. After servicing the unit, be sure to rearrange the leads where they were before disassembling.
4. Take sufficient care on static electricity of integrated circuits and other circuits when servicing.

CD-C250X/260X

STEP	REMOVAL	PROCEDURE	FIGURE
1	Top Cabinet	1. Screw..... (A1) x4	6-1
2	Side Panel (Left/Right)	1. Screw..... (B1) x2 2. Screw..... (B2) x2	6-1
3	CD Player Unit/ CD Tray Cover	1. Turn on the power supply, open the disc tray, take out the disc tray, and close. (Note 1) 2. Hook..... (C1) x2 3. Hook..... (C2) x3 4. Socket..... (C3) x2	6-2
4	Back Board	1. Screw..... (D1) x2 2. Screw..... (D2) x2	6-1
5	Headphones PWB	1. Screw..... (E1) x1	6-3
6	Front Panel (Note 2)	1. Flat Cable..... (F1) x3 2. Socket..... (F2) x1 3. Socket..... (F3) x2 4. Screw..... (F4) x2	6-3
7	Display PWB/ Switch PWB/ Sub PWB	1. Socket..... (G1) x1 2. Screw..... (G2) x9 3. Screw..... (G3) x1	7-1
8	Tape Mechanism	1. Open the cassette holder 2. Screw..... (H1) x6	7-1
9	Main PWB/ Deck PWB/ Tuner PWB (with Headphones PWB)	1. Screw..... (J1) x5 2. Screw..... (J2) x1 3. Socket..... (J3) x1	7-2
10	CD Servo PWB	1. Screw..... (K1) x1 2. Socket..... (K2) x3	7-3
11	Turntable	1. Screw..... (L1) x1 2. Cover..... (L2) x1	7-4
12	Disc Tray	1. Screw..... (M1) x4 2. Guide (M 2) x4	7-4
13	CD Changer Mechanism	1. Screw..... (PI) x4	7-5
14	CD Mechanism (Note 3)	1. Screw..... (Q1) x1	7-5
15	Sensor PWB	1. Screw..... (R1) x1 2. Socket..... (R2) x1	7-5

Note 1: if the power supply cannot be turned on, (A) turn the gear by hand as shown in Figure 7-3 to open the disc tray.

Note 2: Withdraw upward straight the flat cable.

CP-C250

STEP	REMOVAL	PROCEDURE	FIGURE
1	Speaker	1. Net..... (A1) x1 2. Front Panel..... (A2) x1 3. Screw..... (A3) x6	7-6 7-7

Illustration: CD-C250X

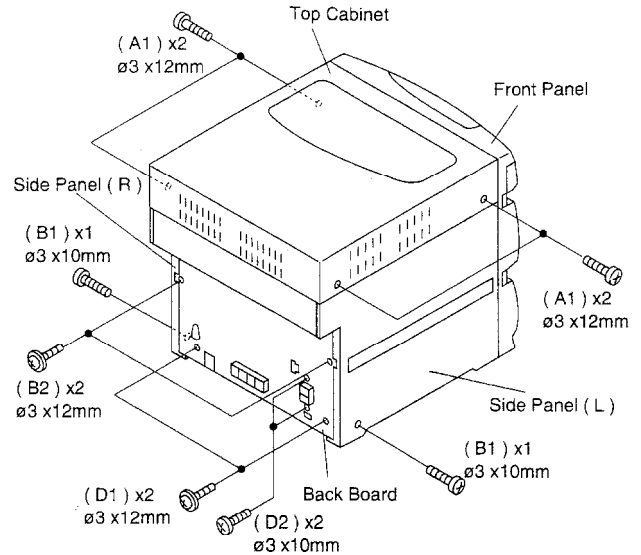


Figure 6-1

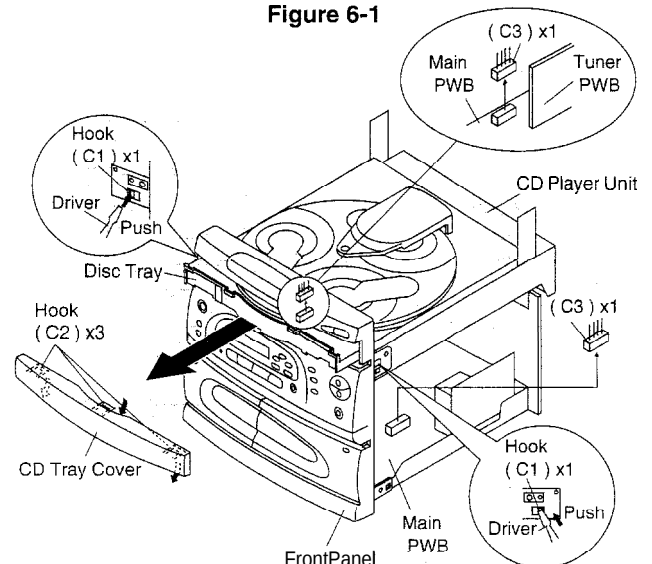


Figure 6-2

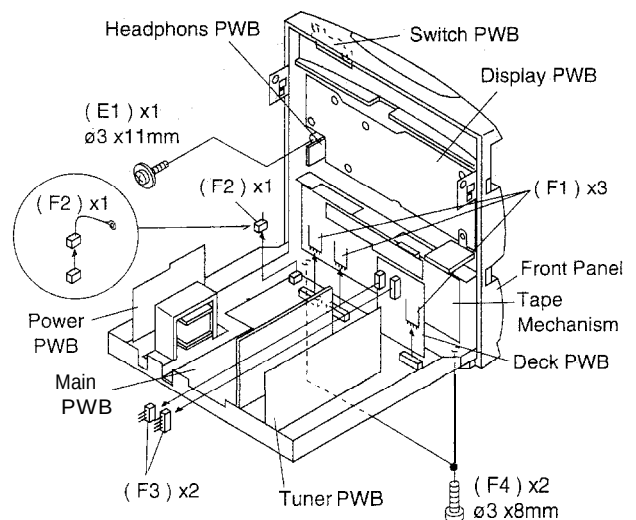


Figure 6-3

Note 3: After removing the Flexible PWB for the optical pickup from the connector wrap the conductive aluminum foil around the front end of Flexible PWB so as to protect the optical pickup from electrostatic damage.

CD-C250X/260X CP-C250

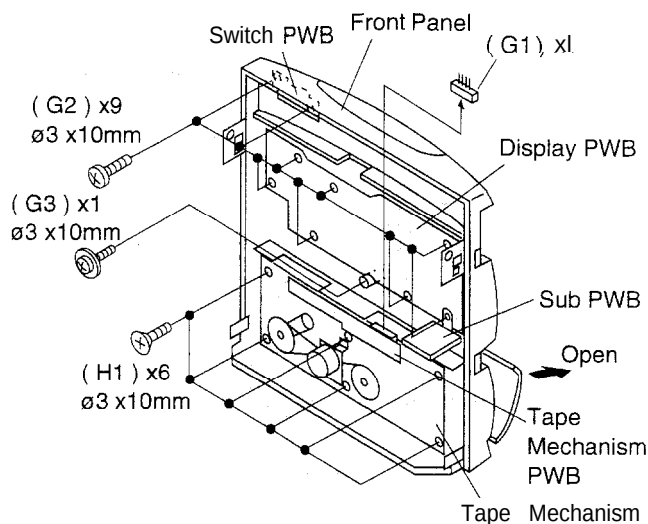


Figure 7-1

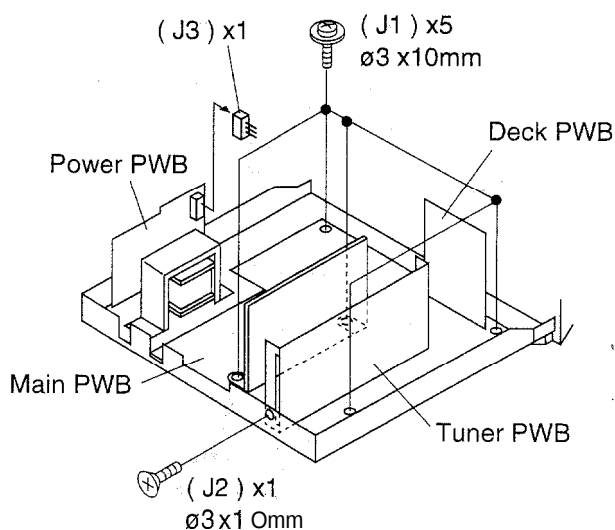


Figure 7-2

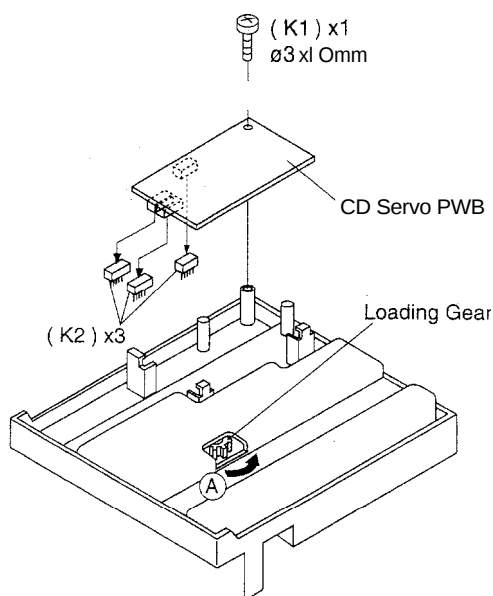


Figure 7-3

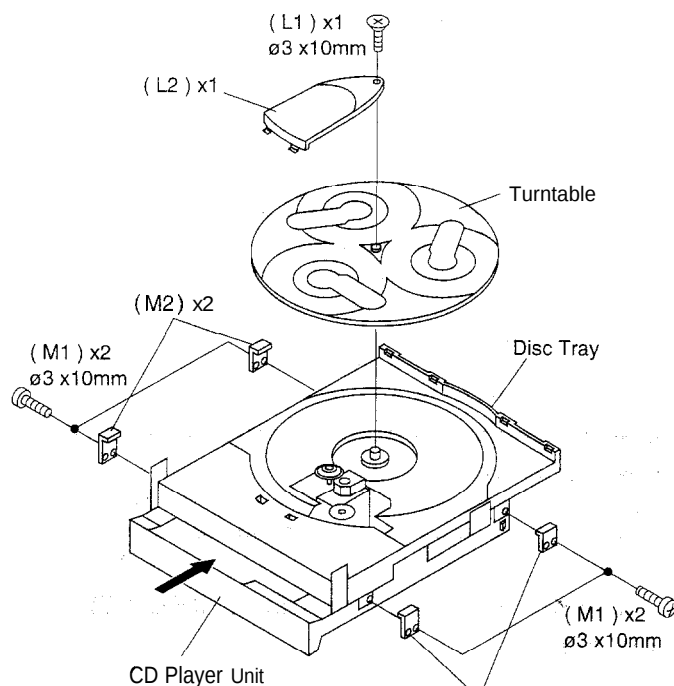


Figure 7-4

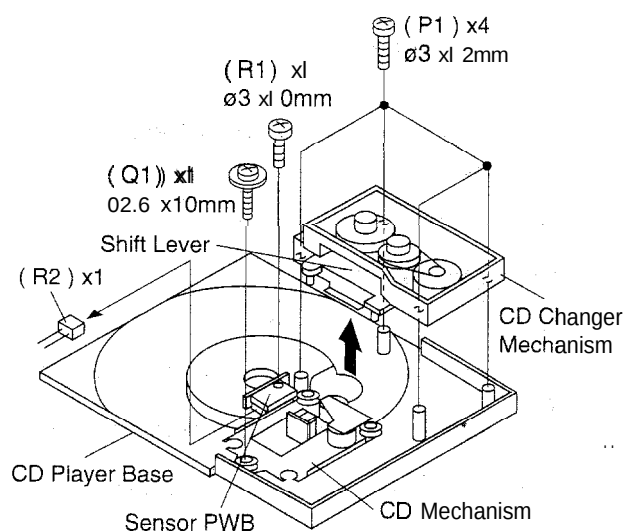


Figure 7-5

Care when installing the CD changer mechanism.
Install the CD changer mechanism on the CD player base after the shift lever has been set in the highest position.

CP-C250

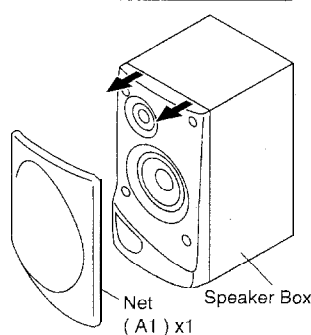


Figure 7-6

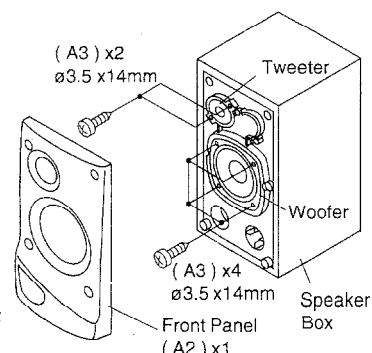


Figure 7-7

REMOVING AND REINSTALLING THE MAIN PARTS

TAPE MECHANISM SECTION

Perform steps 1, 2, 3, 4, 6 and 8 of the disassembly method to remove the tape mechanism.

How to remove the record/playback and erase heads (TAPE 2) (See Fig. 8-1.)

1. Carefully bend the record/playback head pawls (A1) x 2 pcs., in the direction of the arrow (A), and remove the record/playback head upwards.
2. Carefully bend the three pawls (B1) x 3 pcs., in the arrow direction (B), and remove the erase head upward.

How to remove the playback head (TAPE 1) (See Fig. 8-2.)

1. Carefully bend the playback head pawls (C1) x 2 pcs., in the direction of the arrow (C), and remove the playback head upwards.

How to remove the pinch roller (TAPE 1/2) (See Fig. 8-3.)

1. Carefully bend the pinch roller pawl in the direction of the arrow (D), and remove the pinch roller (D1) x 1 upwards.

Note:

When installing the pinch roller, pay attention to the spring mounting method.

How to remove the belt (TAPE 1) (See Fig. 8-4.)

1. Remove the main belt (E1) x 1 pc., from the motor side.

How to remove the belt (TAPE 2) (See Fig. 8-4.)

1. Remove the tape 1 main belt (E1) x 1 pc., from the motor side.
2. Remove the tape 2 main belt (F1) x 1 pc., from the motor side.
3. Remove the FF/REW belt (F2) x 1 pc.

How to remove the motor (See Fig. 8-5.)

1. Remove the belt.
2. Remove the screws (G1) x 2 pcs., to remove the motor bracket.
3. Remove the screws (G2) x 2 pcs., to remove the motor.

Note:

When mounting the motor, pay attention to the motor mounting angle.

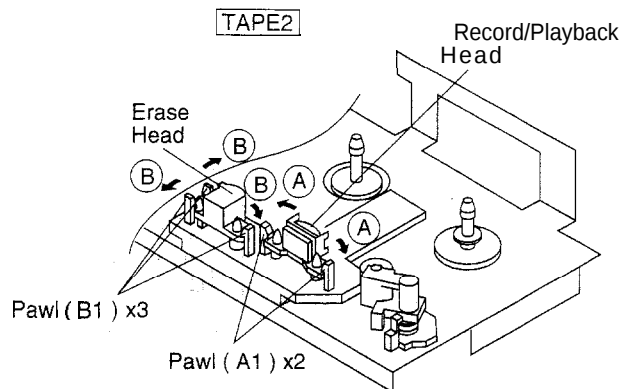


Figure 8-1

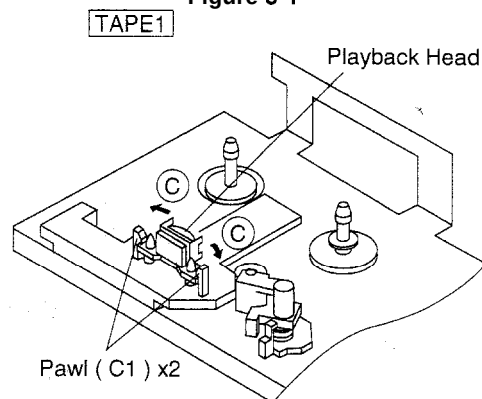


Figure 8-2

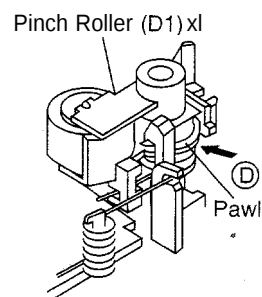


Figure 8-3

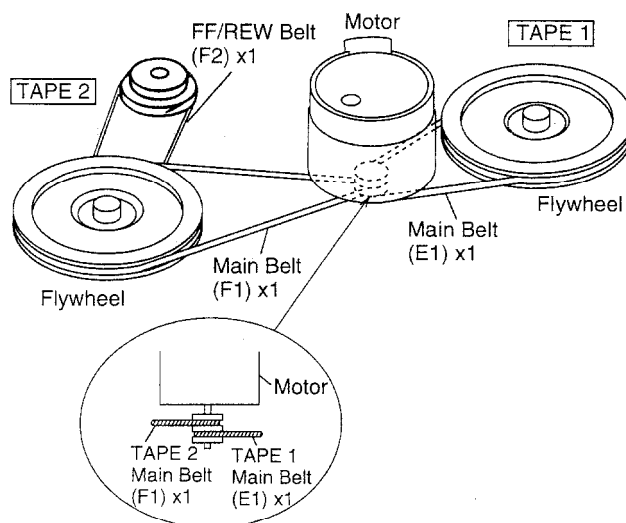


Figure 8-4

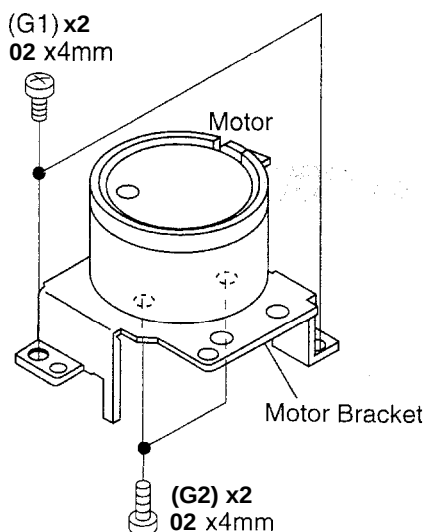


Figure 8-5

CD MECHANISM SECTION

Perform steps 1, 2, 3, 10, 11, 12, and 13 of the disassembly method to remove the CD mechanism.

How to remove the loading motor (See Fig. 9-1)

1. Remove the drive belt (A1) x 1 pc., from the motor side.
2. Remove the screws (A2) x 2 pcs., to remove the loading motor.

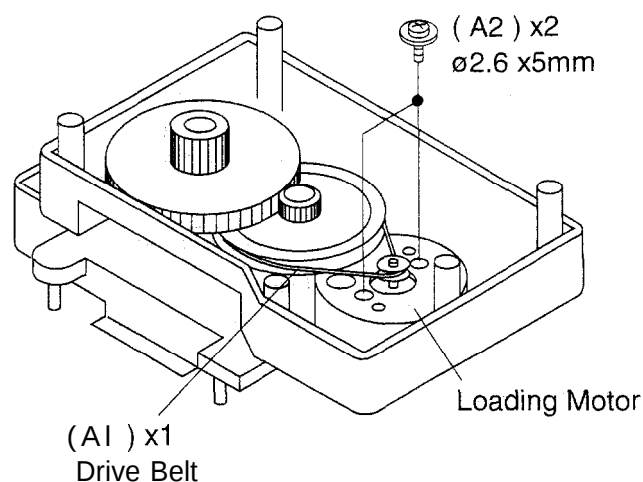


Figure 9-1

How to remove the select motor (See Fig. 9-2)

1. Remove the screws (B1) x 2 pcs., to remove the select motor.

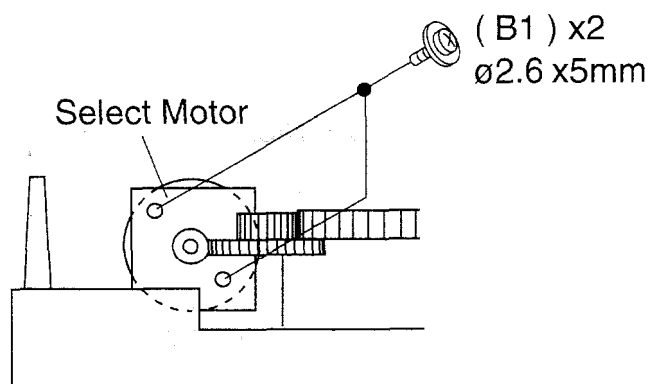


Figure 9-2

How to remove the pickup (See Fig. 9-3)

1. Remove the screws (C1) x 2 pcs., to remove the shaft (C2) x 1 pc.
2. Remove the stop washer (C3) x 1 pc., to remove the gear (C4) x 1 pc.
3. Remove the pickup.

Note:

After removing the Flexible PWB for the optical pickup from the connector wrap the conductive aluminum foil around the front end of Flexible PWB so as to protect the optical pickup from electrostatic damage.

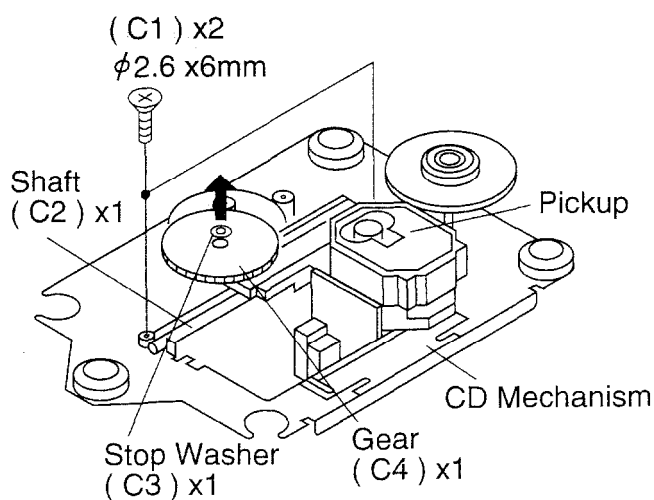


Figure 9-3

ADJUSTMENT

MECHANISM SECTION

• Driving Force Check

Torque Meter	Specified Value
Play: TW-2412	Tape 1: Over 80 g Tape 2: Over 80 g

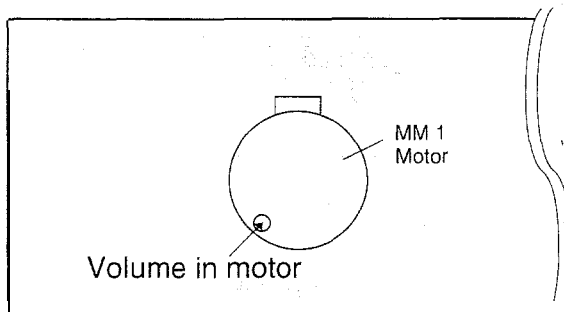
• Torque Check

Torque Meter	Specified Value	
	Tape 1	Tape 2
Play: TW-2111	30 to 60 g. cm	30 to 60 g.cm
Fast forward: TW-2231	—————	60 to 120 g.cm
Rewind: TW-2231	—————	60 to 120 g.cm

• Tape Speed

Test Tape	Adjusting Point	Specified Value	Instrument Connection
Normal speed	MTT-111	Volume in motor.	3,000 ± 30 Hz Speaker terminal (Load resistance: 6 ohms)

TAPE MECHANISM



TUNER PWB

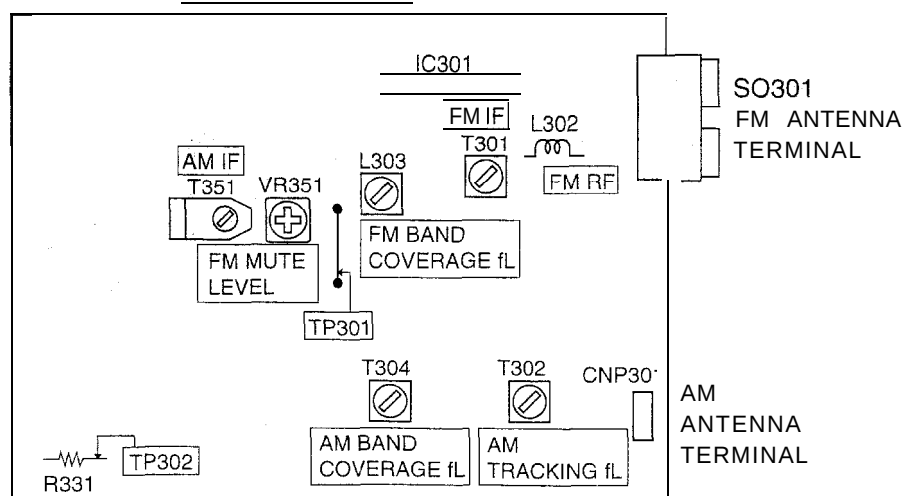


Figure 10-1 ADJUSTMENT POINTS

TUNER SECTION

fL: Low-range frequency

fH: High-range frequency

• AM IF/RF

Signal generator: 400 Hz, 30%, AM modulated

Test Stage	Frequency	Frequency Display	Setting/ Adjusting Parts	Instrument Connection
IF	450 kHz	1,602 kHz or 1,620 kHz	T351	*1
Band Coverage	—	531 kHz or 530 kHz	(fL): T304 1.1 IO.1 V	*2
Tracking	990 kHz	990 kHz	(fL): T302	*1

*1. Input: Antenna, Output: TP302

*2. Input: Antenna, Output: TP301

• FM RF

Signal generator: 1 kHz, 22.5 kHz dev., FM modulated

Test Stage	Frequency	Frequency Display	Setting/ Adjusting Point	Instrument Connection
Band Coverage	—	87.50 MHz	L303(fL): 1.85 V ± 50 mV	*1
RF	98.00 MHz (1 0-30 dB)	98.00 MHz	L302	*2

*1. Input: Antenna, Output: TP301

*2. Input: Antenna, Output: Speaker terminal

• FM IF

Signal generator: 10.7 MHz, FM sweep generator

Test Stage	Frequency	Frequency Display	Adjusting Parts	Instrument Connection
IF	10.7 MHz	98.00 MHz	T301	Input: Pin 1 of IC301 Output: TP302

• FM Mute Level

Signal generator: 1 kHz, 40 kHz dev., FM modulated

Frequency	Frequency Display	Adjusting Parts	Instrument Connection
98.00 MHz (25 dBμV)	98.00 MHz	VR351*	Input: SO301 Output: Speaker Terminal

* Adjust so that an output signal appears.

• Setting the test mode

Any one of 4 test modes can be set by pressing several keys as follows

<MEMORY> + <CD> + <POEER> TEST : CD operation test

TEST MODE

• TEST 4 mode

Function — CD test mode

Setting of TEST 4 mode

Indication of CD TST mode (All LCD lights)

OPEN/CLOSE operation is manual operation.

The pickup can be moved by using the (▶▶) or (◀◀) key.

IL is not performed.

<MEMORY>

When the tracking servo is turned on, PLAY is started at once.

<STOP>

The pickup returns to the ordinary stop position.

<MEMORY>

When the tracking servo is turned off, PLAY is started at once.

<STOP>

The pickup returns to the ordinary stop position.

<PLAY> key input

TOC. IL is performed, and the ordinary PLAY is performed. Press <STOP> key. Stop

If the following key is pressed during PLAY, it is possible to specify directly any Track No.

<Disc Number 1> key: Track 3

<Disc Number 2> key: Track 8

<Disc Number 3> key: Track 15

Note:

Only in STOP state it is possible to slide the pickup with the (▶▶) or (◀◀) key.

VOL. --- Last memory

BAL. --- CENTER

R.GEQ. --- FLAT

X-BASS --- OFF

Canceling method - POWER OFF

CD SECTION

Since this CD system incorporates the following automatic adjustment function, when the pickup is replaced, it is not necessary to readjust it.

1. Focus offset (Fig. 11-1)
2. Tracking offset (Fig. 11-2)
3. E/F balance (tracking error balance) (Fig. 11-3)
4. RF level AGC function (HF level: constant)
5. RF level automatic follow-up of the tracking gain

This automatic adjustment is performed each time a disc is changed. Therefore, each disc is played back using the optimal settings.

• Automatic adjustment item

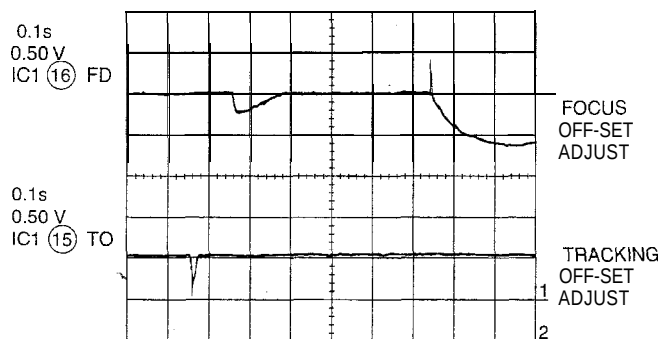


Figure 11-1

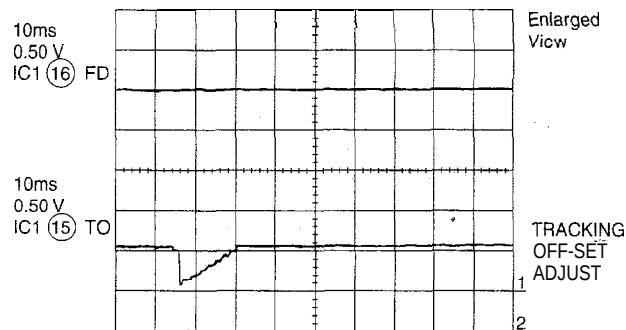


Figure 11-2

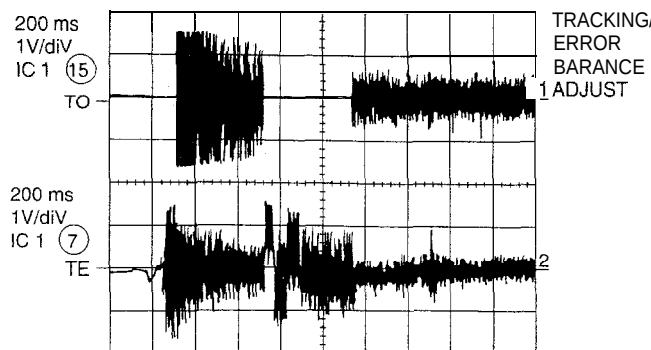


Figure 11-3

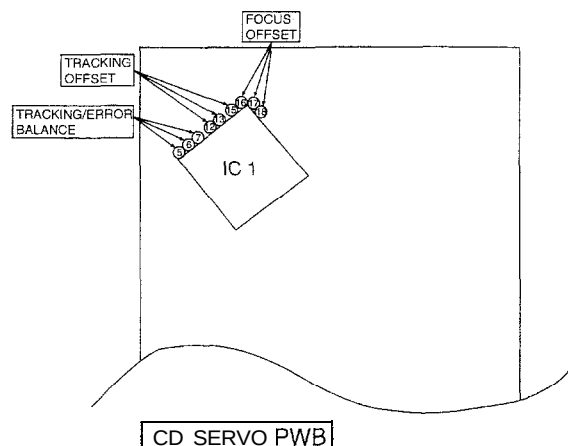


Figure 11-4 CHECKING POINTS

TROUBLESHOOTING (CD SECTION)

When the CD does not function

When the CD section does not operate When the objective lens of the optical pickup is dirty, this section may not operate. Clean the objective lens, and check the playback operation. When this section does not operate even after the above step is taken, check the following items.

Remove the cabinet and follow the troubleshooting instructions.

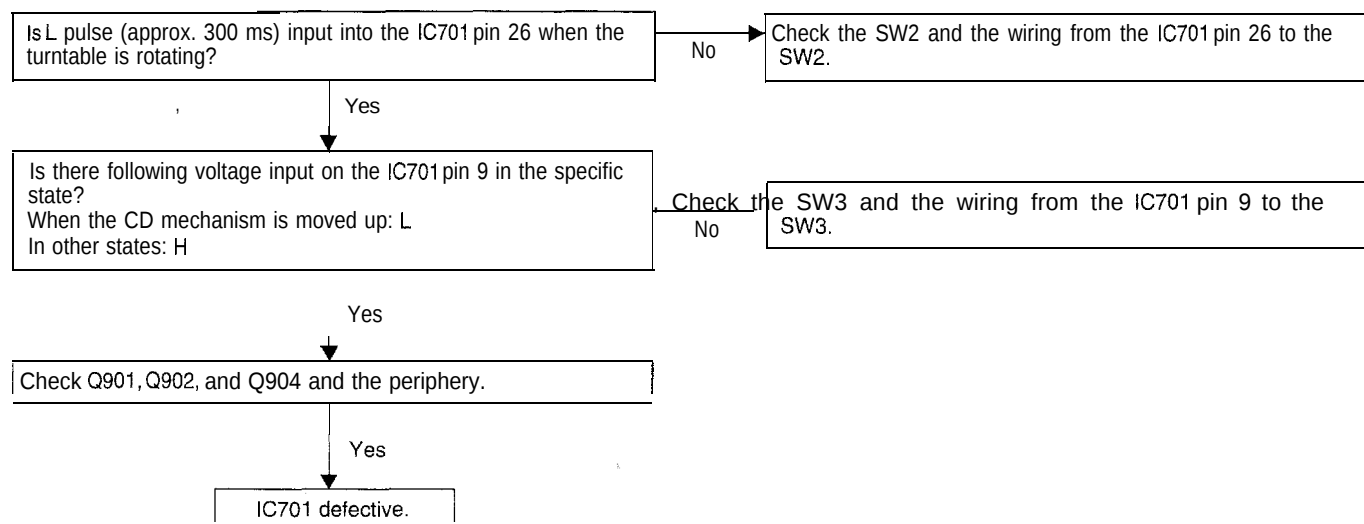
"Track skipping and/or no TOC (Table Of Contents) may be caused by build up of dust or other foreign matter on the laser pickup lens. Before attempting any adjustment make certain that the lens is clean. If not, clean it as mentioned below."

Turn the power off.

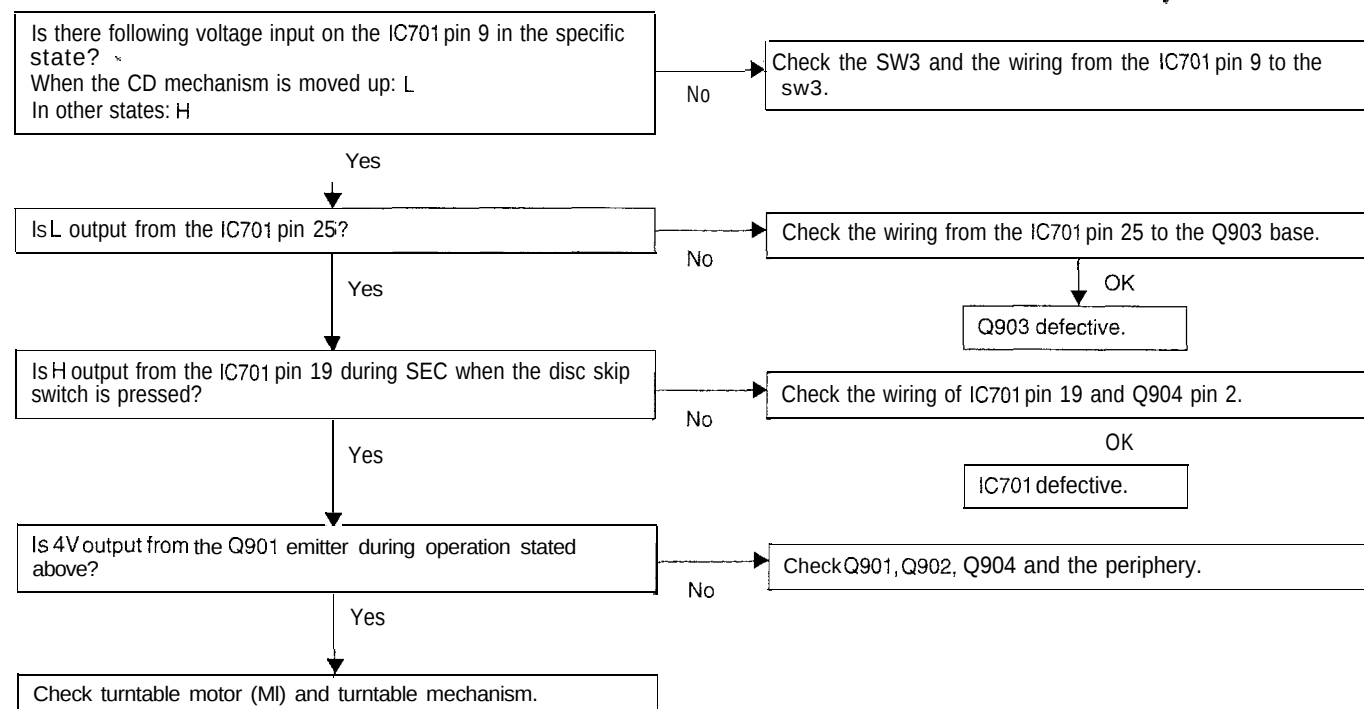
Gently clean the lens with a lens cleaning tissue and a small amount of isopropyl alcohol.

Do not touch the lens with the bare hand.

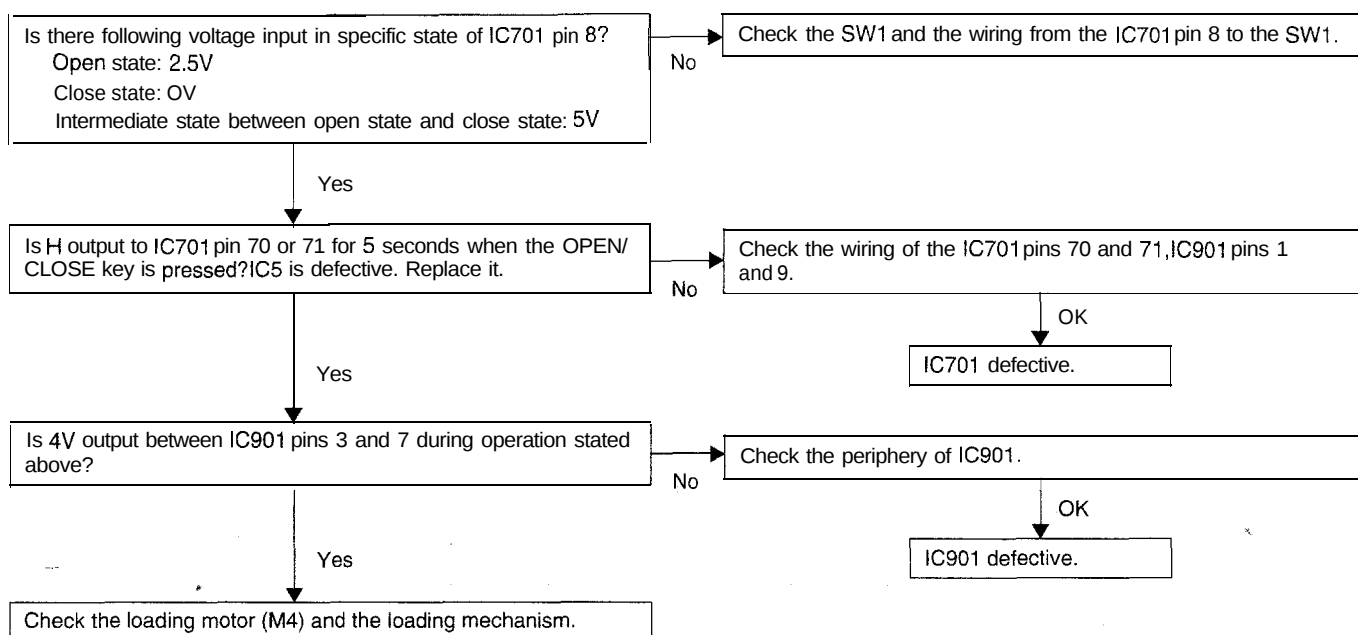
• When the turntable fails to stop.



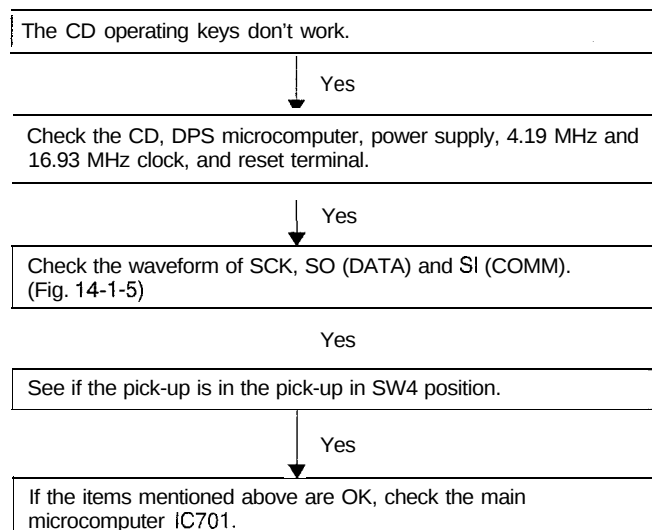
• When turntable fails to move.



• When the CD tray fails to open or close.



• The CD function will not work.



**CD-C250X/260X
CP-C250**

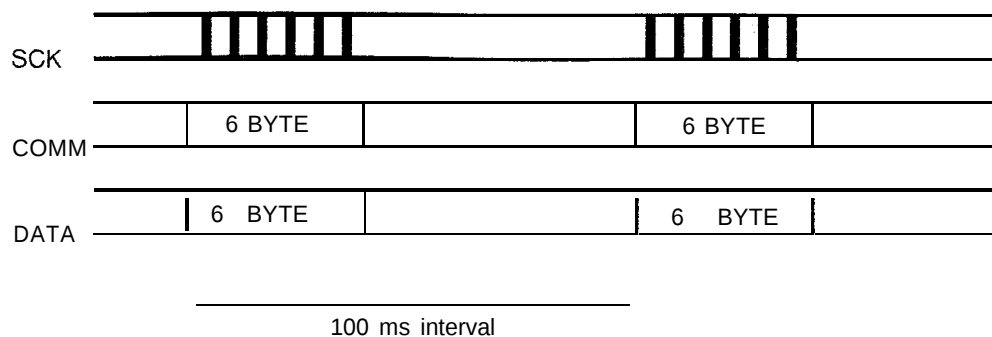


Figure 14-1 CD microcomputer -- Main microcomputer data transmission

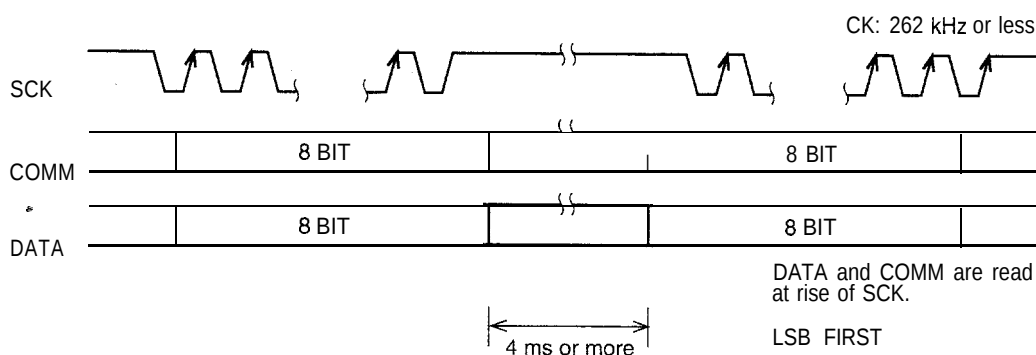


Figure 14-2 CD microcomputer -- Main microcomputer data transmission

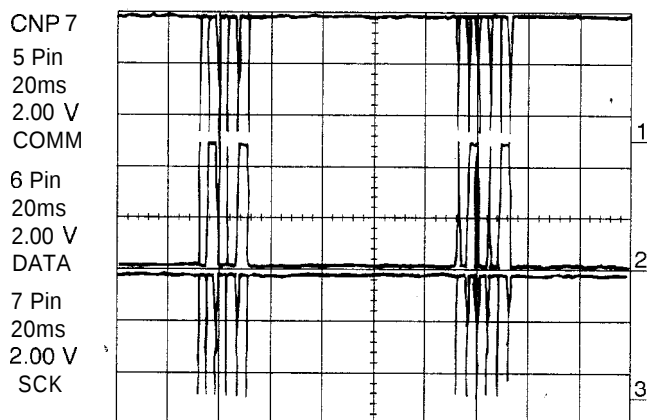


Figure 14-3

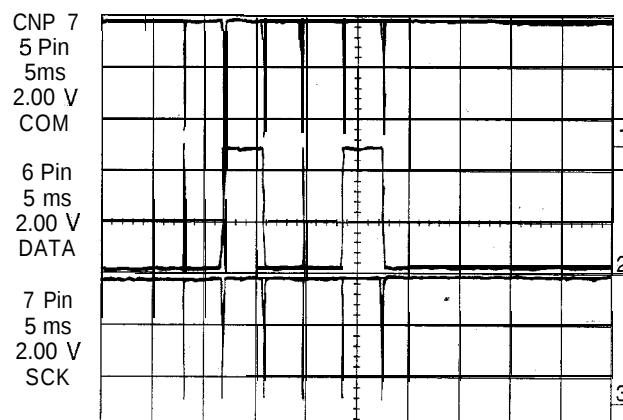


Figure 14-4

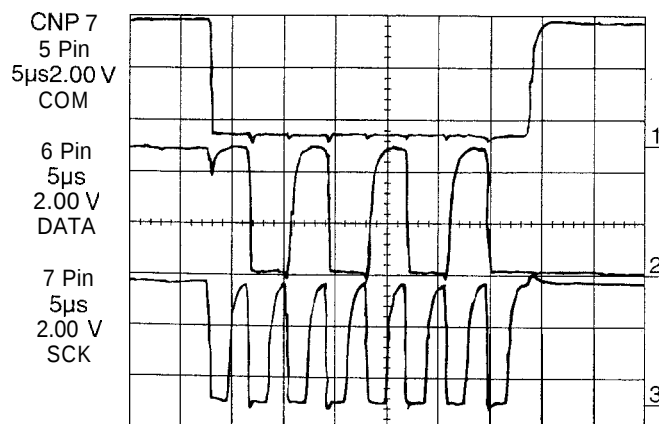


Figure 14-5

• The CD operating keys work.

Check the Focus - HF svstem.

Playback can be performed without a disc.

Yes

Does the pick-up move up and down twice?

Yes

Focus search OK

No

Does the output waveform of IC1(16)(FD) match that shown in Fig. 15-1?

Yes

Check the area around IC5-CNP2.

No

Check the IC1(50)(CLK) line, 4MHz.
Check the microcomputer data on pins (51)(CL), (52)(DAT) and (53)CE.

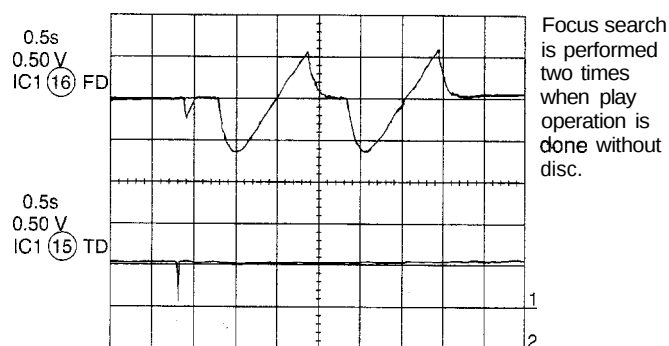


Figure 15-1

• Playback can only be performed when a disc is loaded.

Is the Focus servo active? (Can you hear it working?)

No

Check the laser diode driver.
Check the area around IC1(16) - (21) (focus servo circuit).

Yes

Does the DRF signal change from "L" to "H"?

No

If the disc is not turning, the DRF should not change to "H".

Yes

Check the spin system.

Yes

Is HF waveform normal (see the Fig.15-2,3)?

No

Level is abnormal.

Yes

Check the periphery-of IC1 pins 41 and 42.

Yes

Check the tracking system.

Waveform is unstable.

Yes

Check the spin system.

HF
0.1V/DIV
0.5μsec/DIV(DC)
(When playing back the disc)

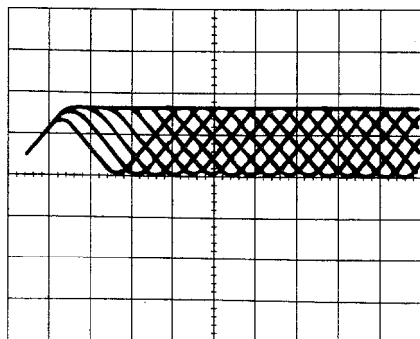


Figure 15-2

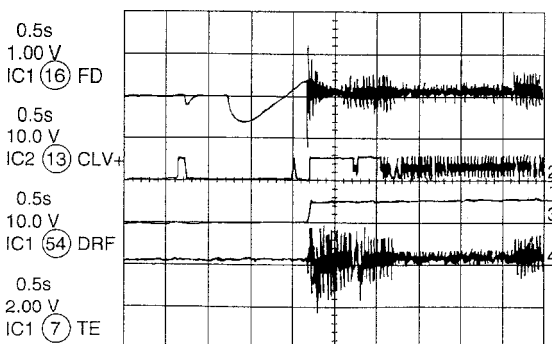


Figure 15-3

CD-C250X/260X CP-C250

• Check the tracking system.

Check waveform of IC1 pin 7 (TE).

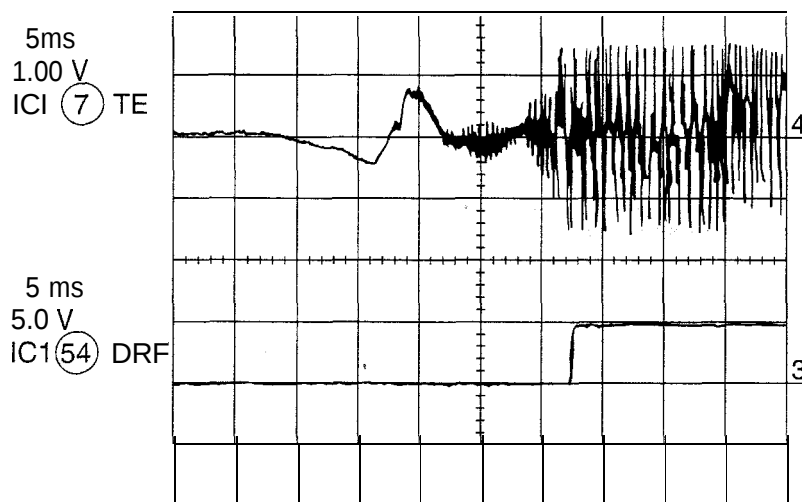
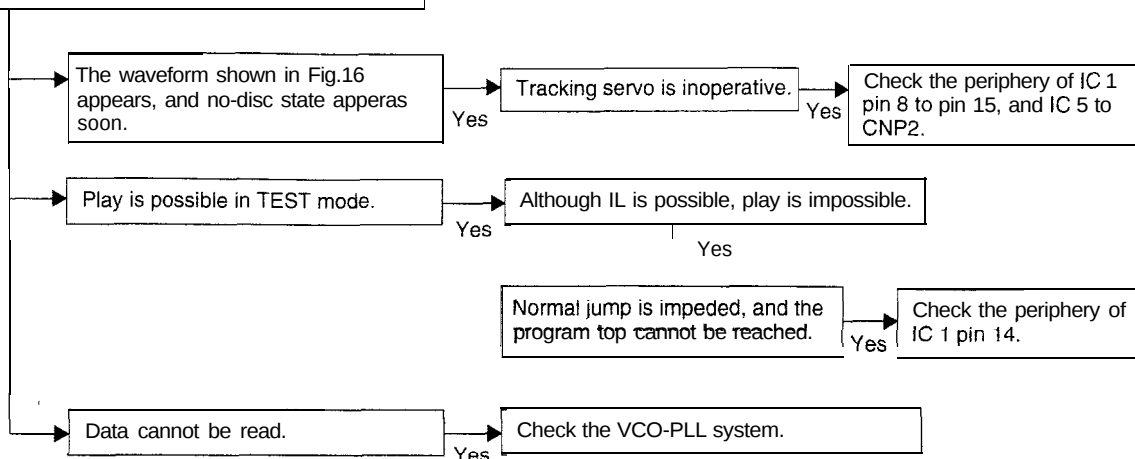
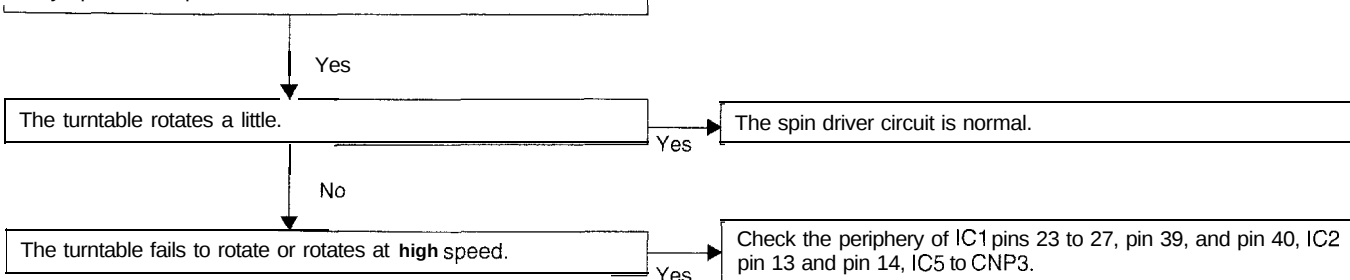


Figure 16

• Checking the spin system.

Play operation is performed without disc.



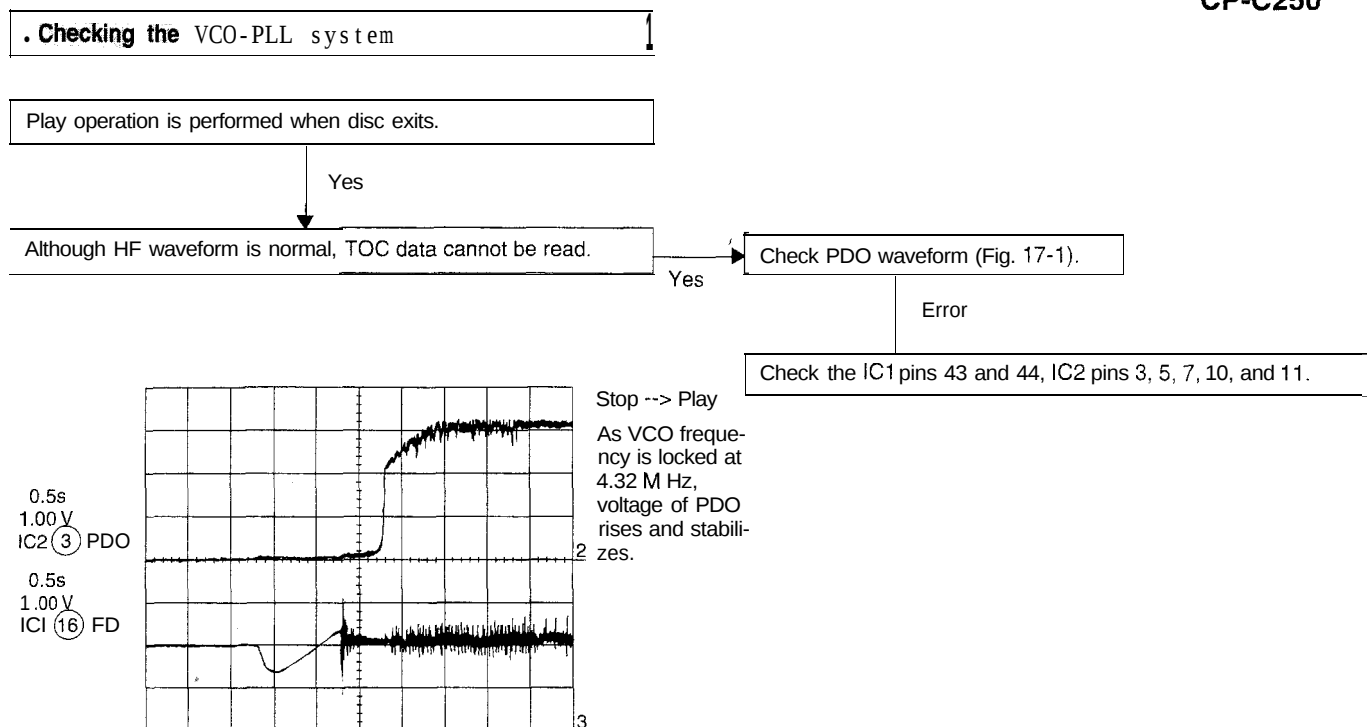


Figure 17-1

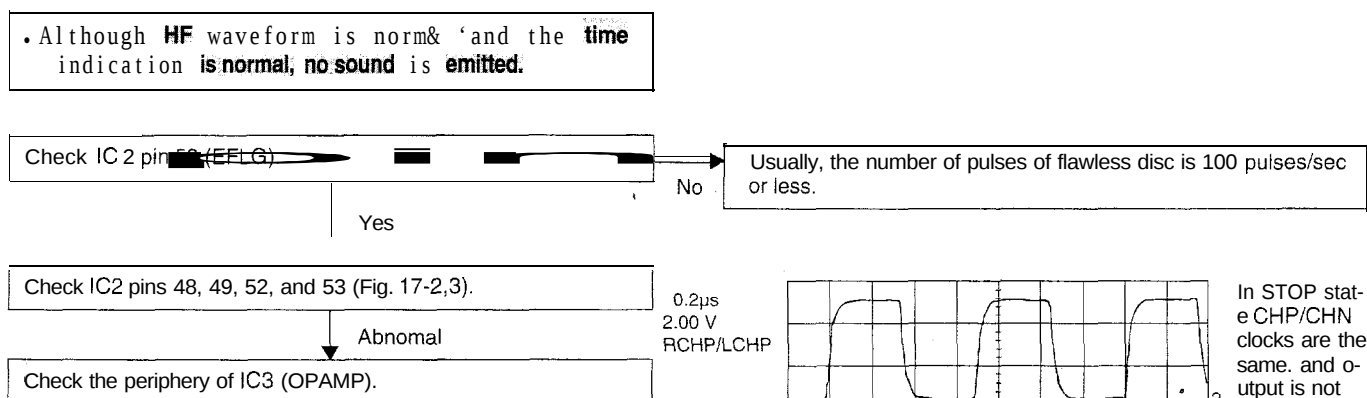
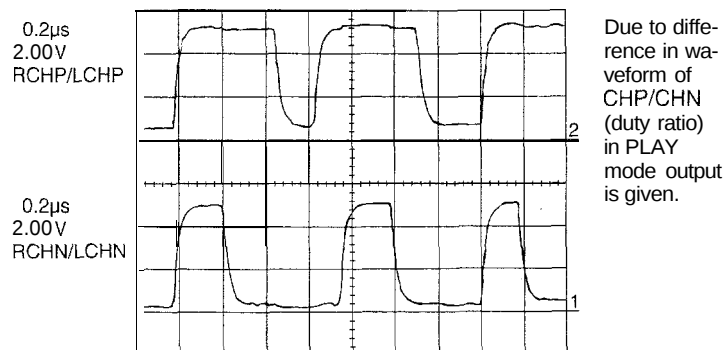


Figure 17-2

In STOP state CHP/CHN clocks are the same, and output is not given. --



Due to difference in waveform of CHP/CHN (duty ratio) in PLAY mode output is given.

Figure 17-3

FUNCTION TABLE OF IC

IC4 RHIX0039AWZZ (IX0039AW):CD Control Microcomputer

Pin No.	Port Name	Terminal Name	input/output	Function
1	PG0	SQOUT	Input	Servo/signal control data input
2	PG1	COIN	output	Servo AMP, servo/signal control command output
3	PG2	CQCK	output	Servo AMP, servo/signal control clock output
4	PG3	RWC	output	Servo AMP, servo/signal control R/W control
5	AV+	—	—	Connect to AD converter reference voltage input terminal GND.
6	AV-	—	—	Connect to AD converter reference voltage input terminal GND.
7	VSS	—	—	Connect to VSS terminal (GND).
8, 9	OSC1,2	—	—	OSC C,R or ceramic oscillator
10	VDD	—	Input	Power terminal
11	RES	—	Input	Reset
12	TEST	—	—	Test
13	SI(PF0)	COMM	Input	Serial data input from main microcomputer
14	SO(PF1)	DATA	output	Serial data output from main microcomputer
15	SCK(PF2)	SCK	Input	Clock input from main microcomputer
16*	INT(PF3)	—	Intout	Interruption request terminal
17	PC0'	SL+	output	Servo AMP slide feed output
18	PC1	SL-	output	Servo AMP. slide return output
19*	PC2	—	—	Input/output common port C-2
20	PC3	LASER	output	"L" when laser is on
21	PD0	PU-IN SW	Input	Pickup internal periphery position detection input; innermost periphery=L
22	PD1	DRF	Input	Servo AMP. RF detection input
23*	PD2	—	input	Input/output common port D-2
24	PD3	WRQ	Input	Servo/signal control request
25*	PE0	—	—	Input/output common port E-O
26*	PE1	—	—	Input/output common port E-I
27*	PA0	RES	output	*Servo/signal control reset output
28*-30*	PA1-3	—	—	Input/output common port A-I ,A-2,A-3

In this unit, the terminal with asterisk mark (*) is (open) terminal which is not connected to the outside.

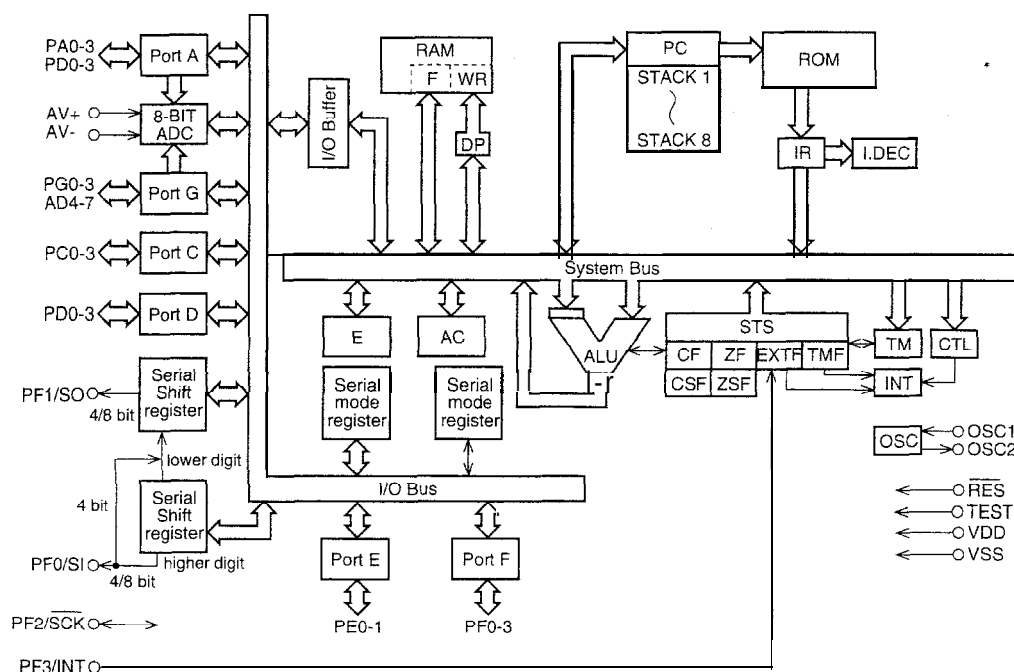


Figure 18 BLOCK DIAGRAM OF IC

IC401 VHiLC75395E-1 (LC75395E) or VHiLC75394E-1 (LC75394): Audio Processor

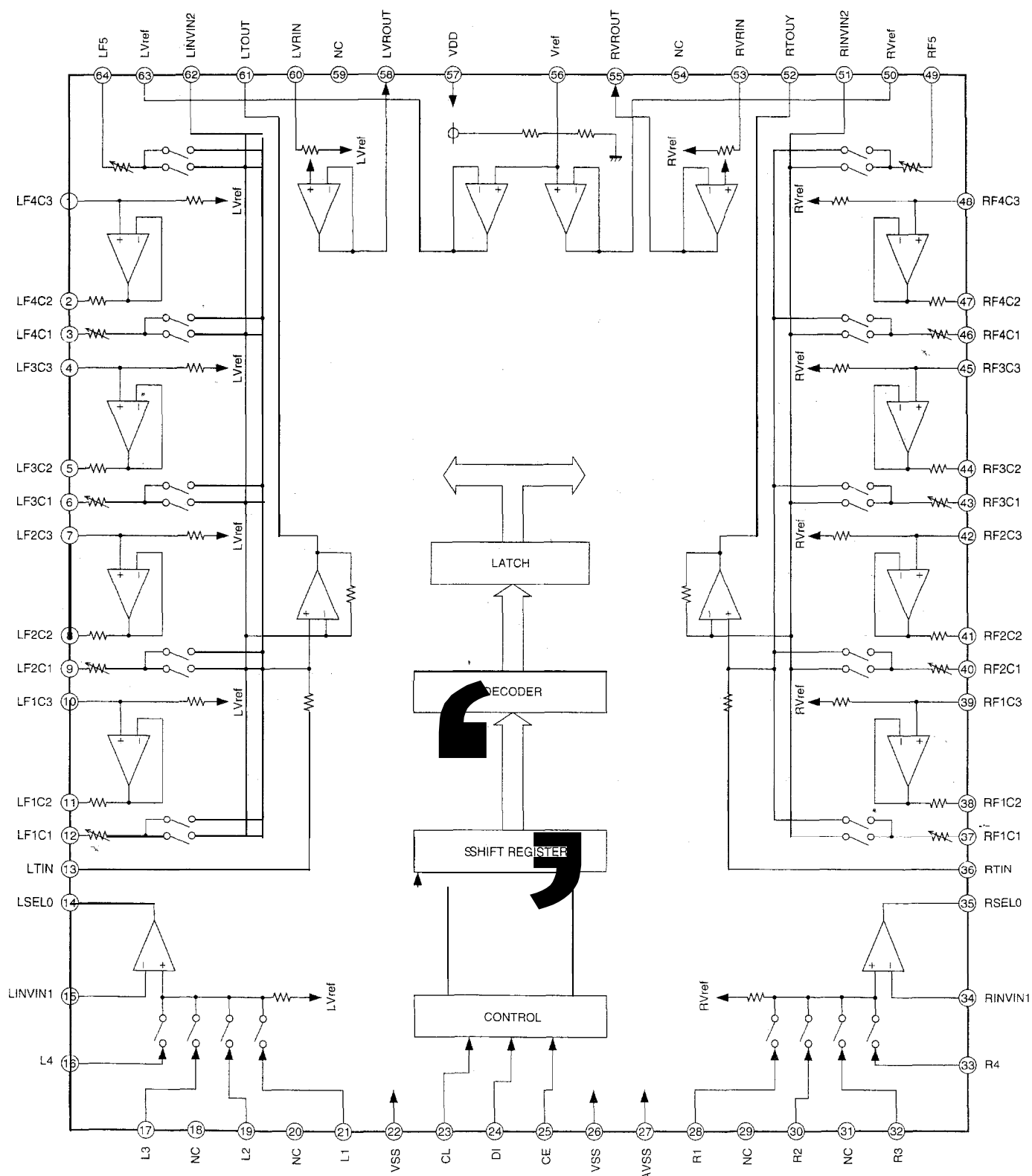


Figure 19 BLOCK DIAGRAM OF IC

CD-C250X/260X
CP-C250

IC701RH-iX0041 AWZZ (IX0041 AW):System control Microcomputer

Pin No.	Port Name	Terminal Name	Input/Output	Function
1-2	VL1-2	VL1-2	Input	Supply voltage of 0-VL2 to LCD
3-10	P67-P60	AN7-AN0	In/Output	CMOS input level CMOS 3 state output. (8 bit I/O port.)
11	P57	ADT	In/Output	CMOS input level CMOS 3 state output. (8 bit I/O port.)
12*	P56	TOUT	In/Output	CMOS input level CMOS 3 state output. (8 bit I/O port.)
13,14	P55-P54	CNTR1-CNTR2	In/Output	CMOS input level CMOS 3 state output. (8 bit I/O port.)
15,16	P53-52	RTP1-RTP2	In/Output	CMOS input level CMOS 3 state output. (8 bit I/O port.)
17-18	P51-P50	INT3-INT2	In/Output	CMOS input level CMOS 3 state output. (8 bit I/O port.)
19	P47	SRDY	In/Output	CMOS input level CMOS 3 state output. (7 bit I/O port.)
20	P46	SCLK	In/Output	CMOS input level CMOS 3 state output. (7 bit I/O port.)
21,22	P45,44	TXD,RXD	In/Output	CMOS input level CMOS 3 state output. (7 bit I/O port.)
23,24	P43,P42	INT0-INT1	In/Output	CMOS input level CMOS 3 state output. (7 bit I/O port.)
25	P41	0	In/Output	CMOS input level CMOS 3 state output. (7 bit I/O port.)
26	P40		Input	CMOS input level (1 bit input port.)
27	RESET	RESET	Input	The processor is reset. if held at "L" for more than 2 μ s.
28	XCIN	XCIN	In/Output	CMOS input level CMOS 3 state output. (2 bit I/O port.)
29	XCOUT	XCOUT	In/Output	CMOS input level CMOS 3 state output. (2 bit I/O port.)
30	XIN	XIN	Input	Main clock generator's input and output pins.
31	XOUT	XOUT	Output	Main clock generator's input and output pins.
32	VSS	VSS	—	VSS terminal (GND)
33-40	P27-20		In/Output	CMOS input level CMOS 3 state output. (8 bit I/O port.)
41-48 (42*)	P17-P10	SEG31-SEG24	In/Output	CMOS input level CMOS 3 state output. (8 bit I/O port.)
49-56 (53*)	P07-P00	SEG23-SEG16	In/Output	CMOS input level CMOS 3 state output. (8 bit I/O port.)
57-60 (60*)	P37-34	SEG15-SEG12	Input	CMOS input level. (4 bit input port.)
61-72 (65*)		SEG11-SEG0	output	LCD segment output pin.
73	VCC	VCC	—	Power terminal
74	VREF	VREF	input	Input pin for the A-D converter reference voltage.
75	AVSS	AVSS	In/Output	GND input for A-D converter. Connect to VSS
76-79	COM3-COM0	COM3-COM0	output	LCD common output pin.
80	VL3	VL3	Input	Supply voltage of VL3 to LCD.

In this unit, the terminal with asterisk mark (*) is (open) terminal which is not connected to the outside.

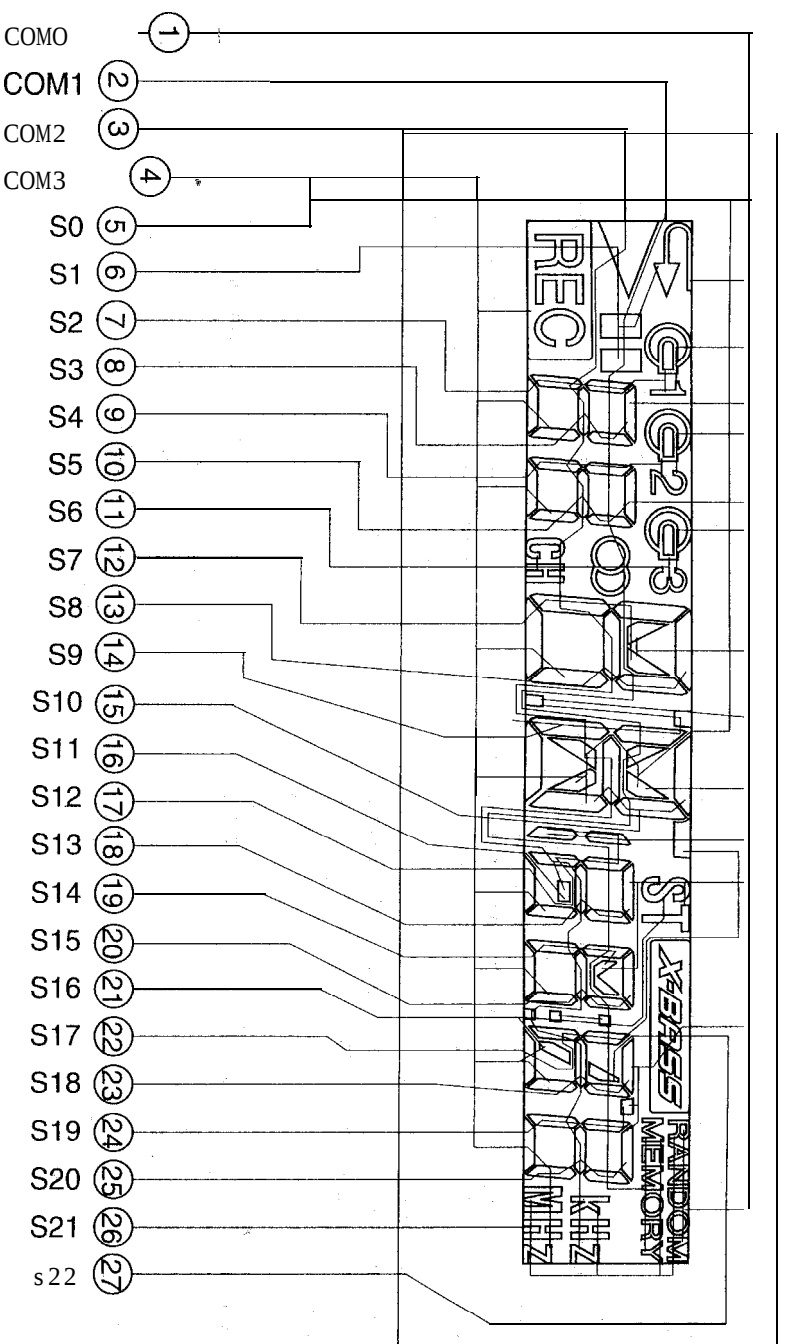


Figure 21 LCD M

NOTES ON SCHEMATIC DIAGRAM

• Resistor:

To differentiate the units of resistors, the symbol **K** and **M** are used: the symbol **K** means 1000 ohm and the symbol **M** means 1000 kohm and the resistor without any symbol is an ohm resistor. The resistor designated "Fusible" is a fuse type resistor.

• Capacitor:

To indicate the unit of capacitor, a symbol **P** is used: this symbol **P** means pico-farad and the unit of the capacitor without such a symbol is microfarad. As to electrolytic capacitor, the expression "capacitance/withstand voltage" is used.

(CH), (TH), (RH), (UJ): Temperature compensation

(ML): Mylar type

(P.P.): Polypropylene type

- Schematic diagram and Wiring Side of P.W.Board for this model are subject to change for improvement without prior notice.

The indicated voltage in each section is the one measured by Digital Multimeter between such a section and the chassis with no signal given.

1. In the tuner section,

() indicates AM

<> indicates FM stereo

2. In the main section, a tape is being played back.

3. In the deck section, a tape is being played back.

() indicates the record state.

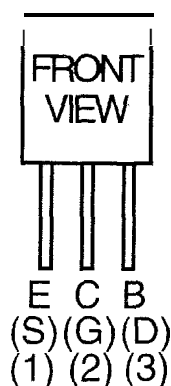
4. In the power section, a tape is being played back.

5. In the CD section, the CD is stopped.

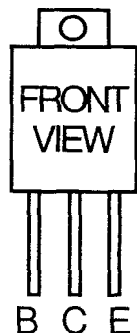
- Parts marked with "△" () are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

REF. NO	DESCRIPTION	POSITION
SW1	CD SELECT	OFF
SW2	OPEN/CLOSE	CLOSE
SW3	LOADING	OFF
SW4	PICKUP IN	ON
SW351	SPAN SELECTOR	100/10
SW701	VOLUME-UP	OFF
SW702	CD-FF/TAPE 2-PRESET UP	OFF
SW703	TUNING UP	OFF
SW704	MEMORY	OFF
SW705	X-BASS	OFF
SW706	EQUALIZER	OFF
SW708	VOLUME DOWN	OFF
SW709	CD-REWIND/TAPE 2-PRESET DOWN	OFF
SW710	TUNING DOWN	OFF
SW711	REC START	OFF
SW712	CD	OFF

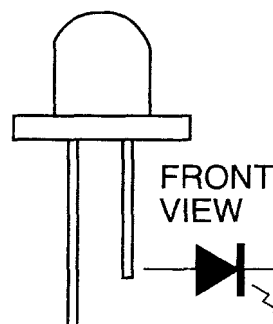
REF. NO	DESCRIPTION	POSITION
SW713	TUNER	OFF
SW714	TAPE	OFF
SW715	POWER	OFF
SW716	STOP	OFF
SW717	PLAY	OFF
SW718	DISC NUMBER-1	OFF
SW719	DISC NUMBER-2	OFF
SW720	DISC NUMBER-3	OFF
SW721	DISC SKIP	OFF
SW722	OPEN/CLOSE	OFF
SW723	RRESET	OFF
SW901	VOLTAGE SELECTOR	AC 230-240V
SWM1	T1 CrO ₂	OFF
SWM2	T2 CrO ₂	OFF
SWM3	FOOL PROOF	OFF
SWM4	F. A. S.	OFF
SWM5	CAM	OFF



2SA1015 GR
2SB561 C
2SB562 C
2SC1740 SR
2SC2001 K
2SC2001 L
2SC2389 SE
2SC2878 A
2SC535 C
2SD468 C
DTA114 ES
DTC114 ES
KRC104 M
KRC102 M
KRA102 M
KRC107 M
KTC3199 GR



2SD2394 F



5N4KTN52
5N4HTN52

Figure 22 TYPES OF TRANSISTOR AND LED

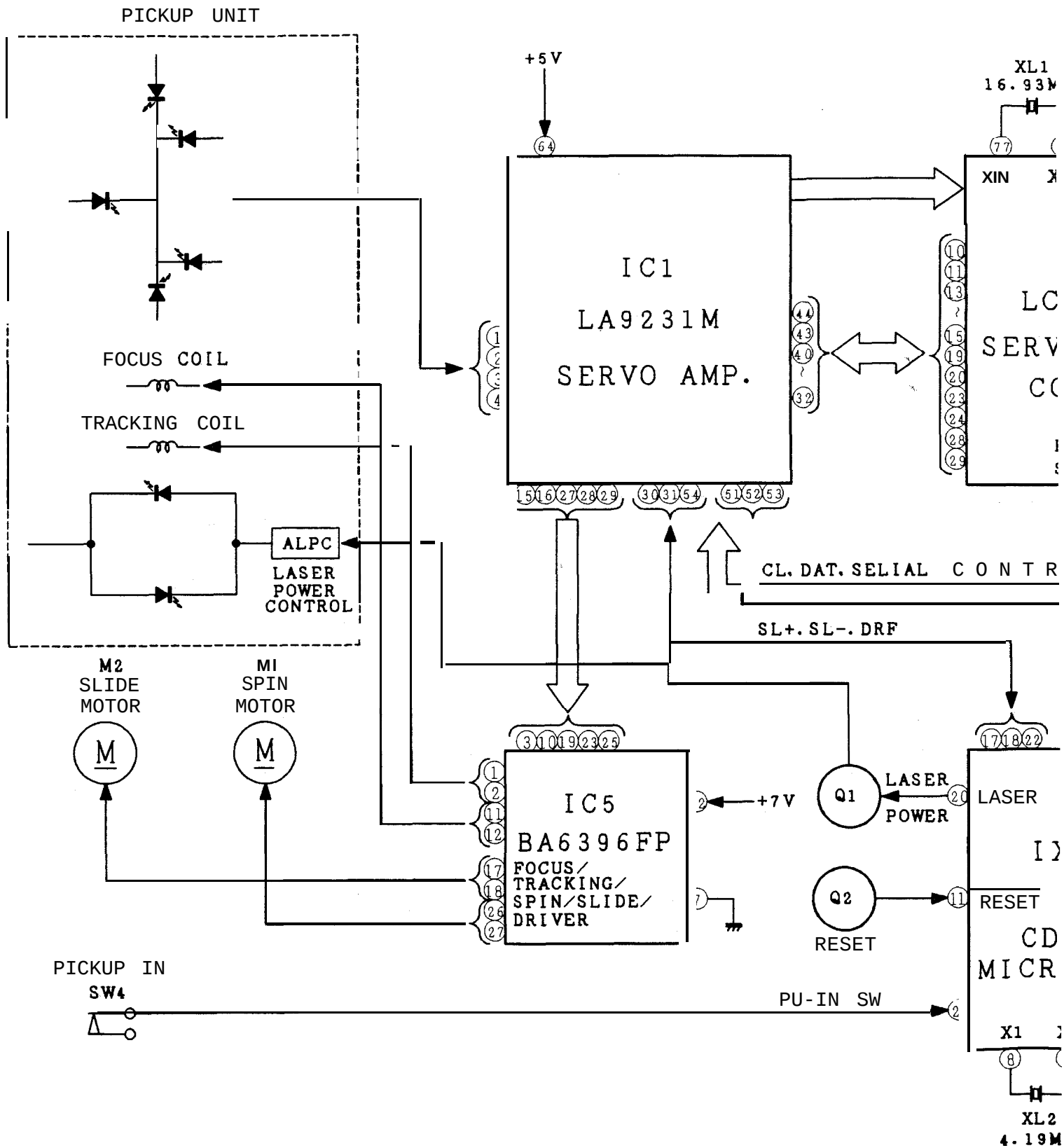
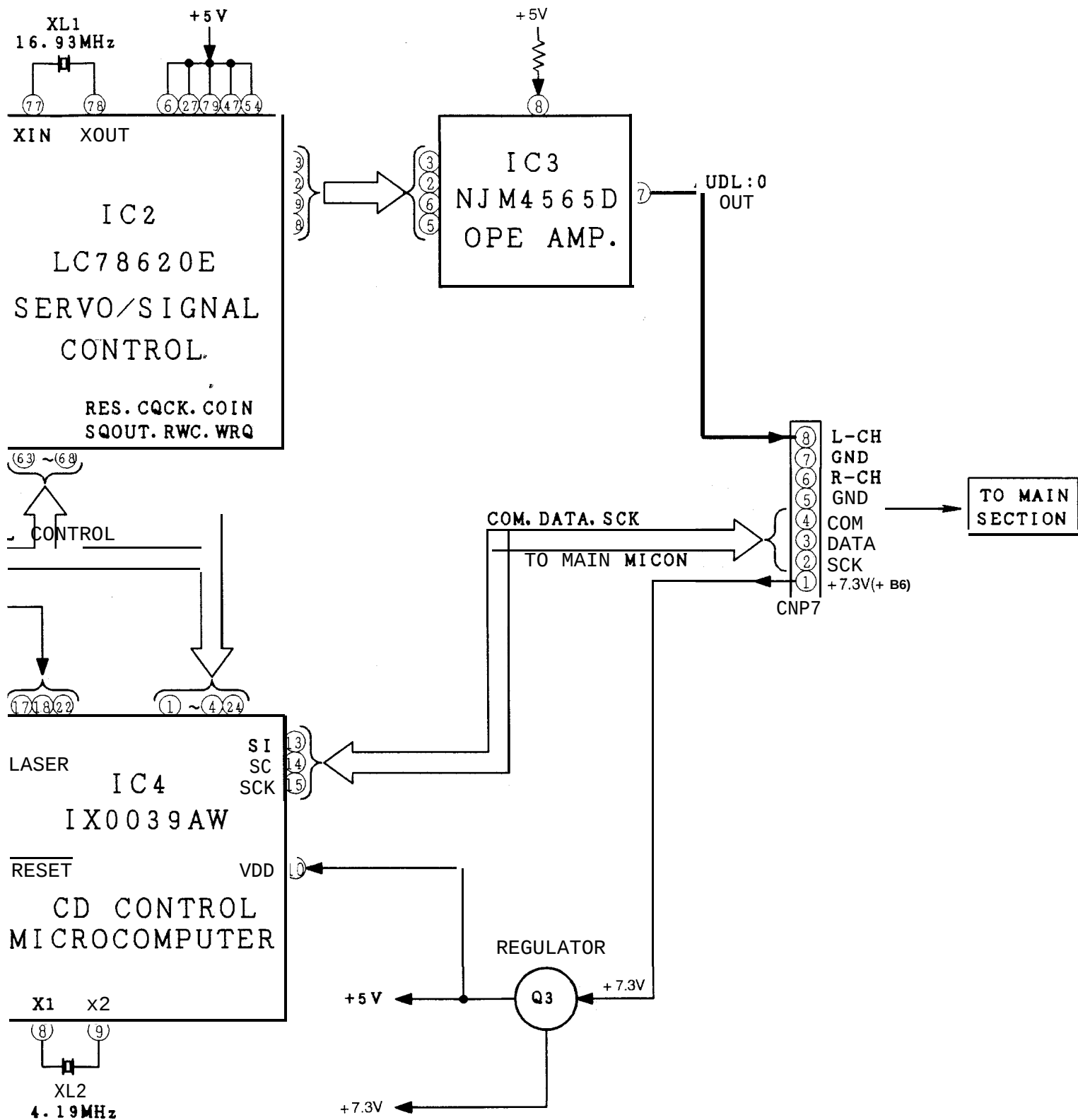


Figure 23 BLOCK DIA



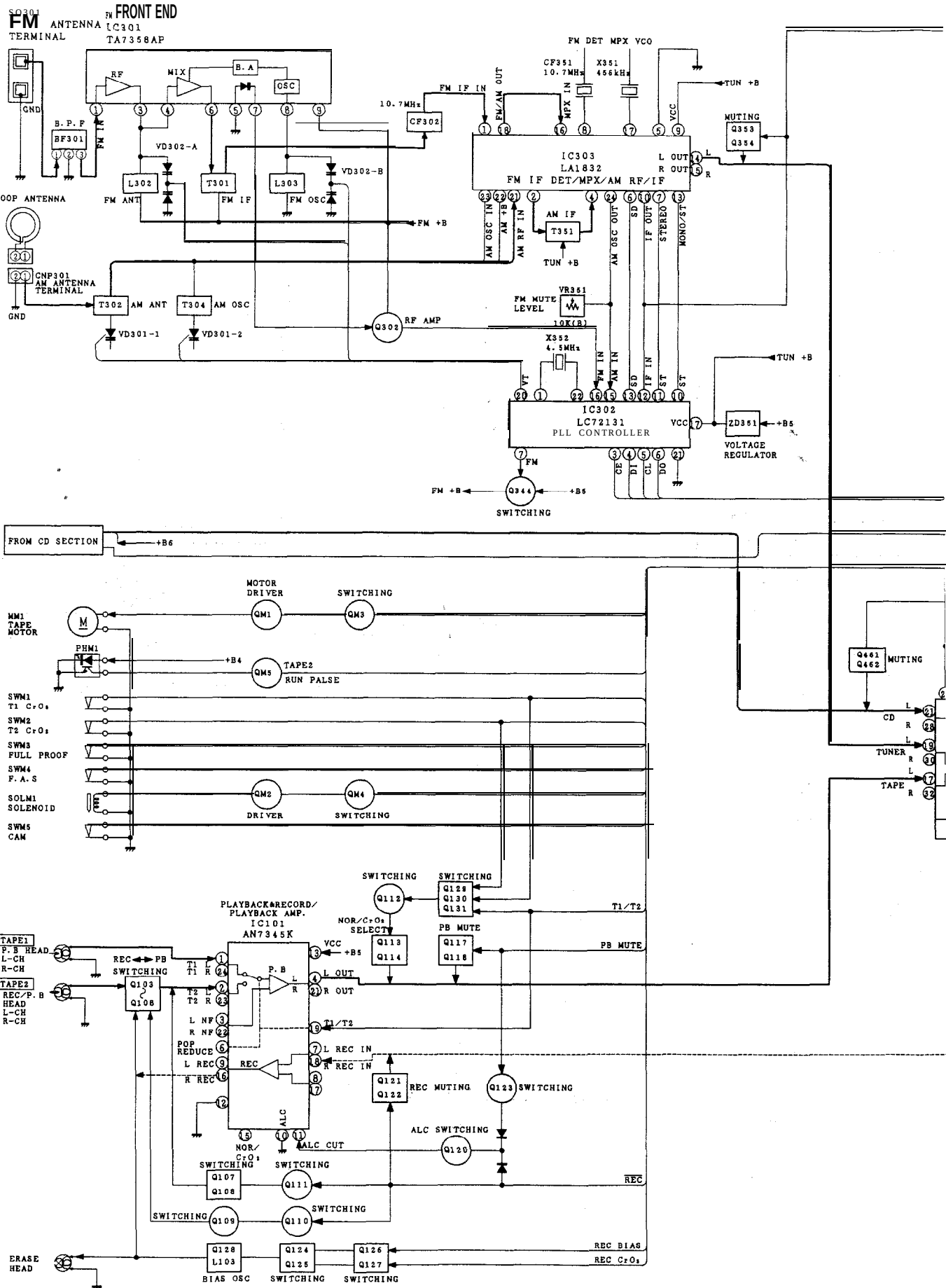
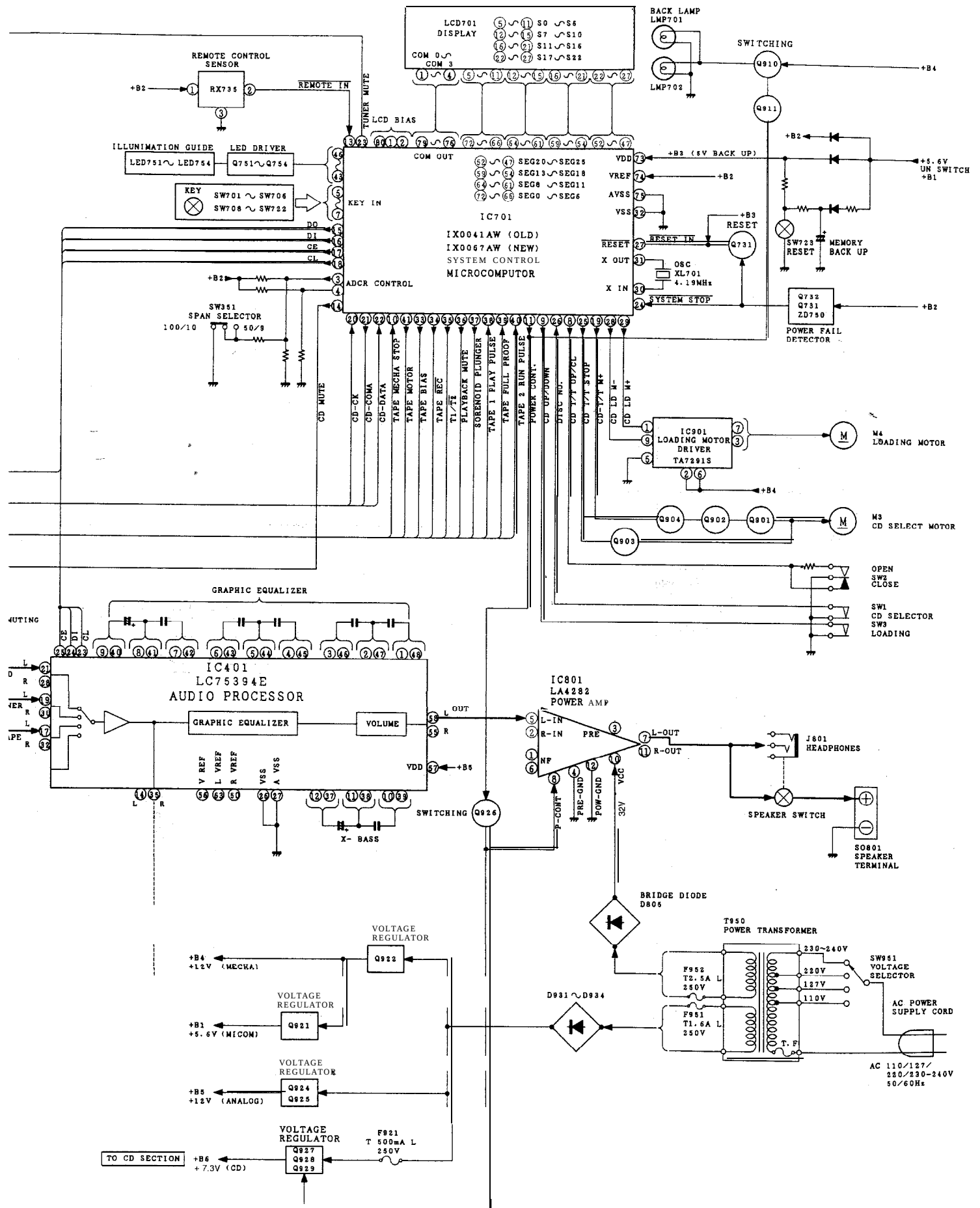
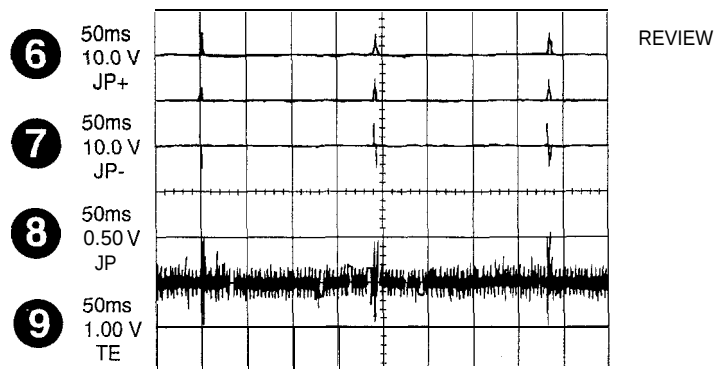
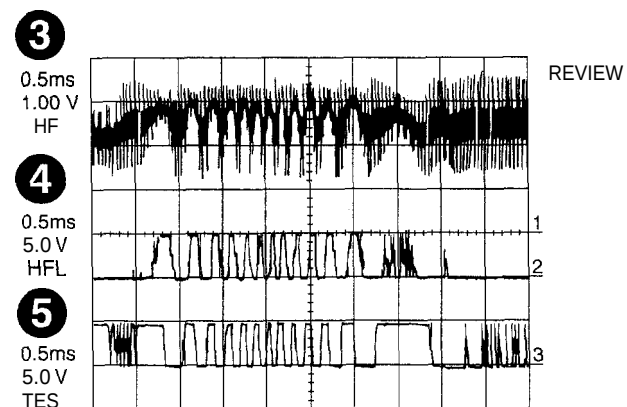
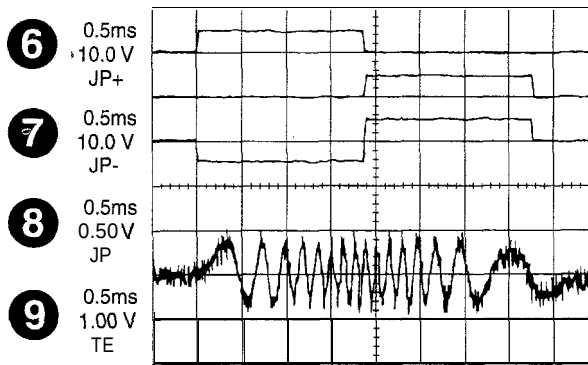
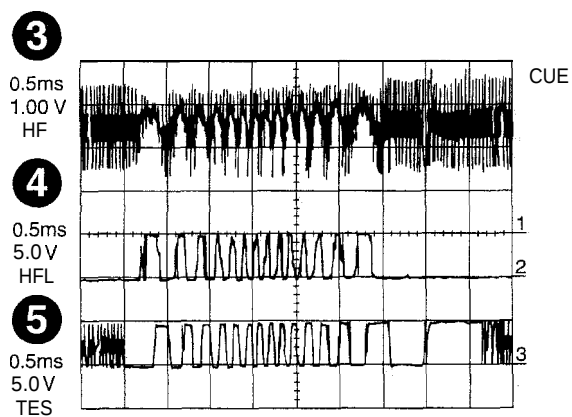
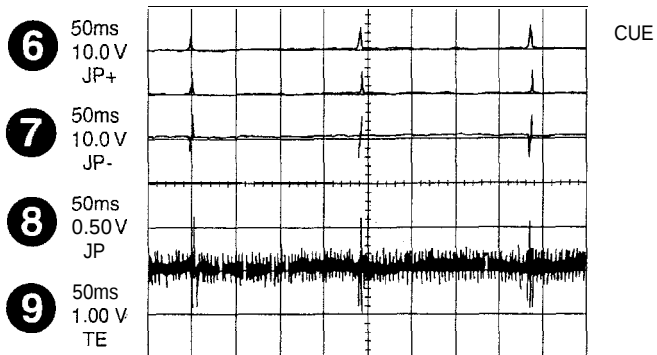
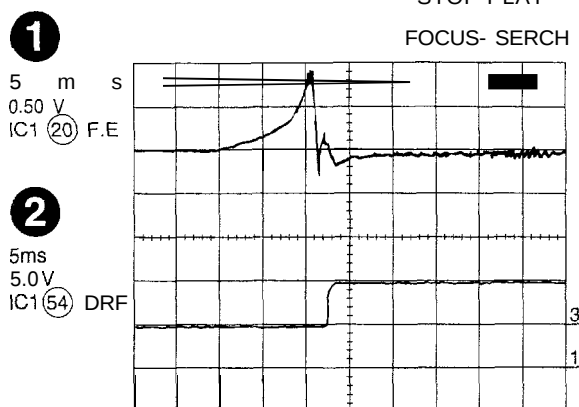


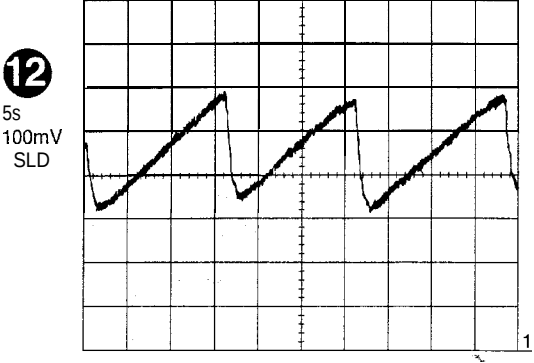
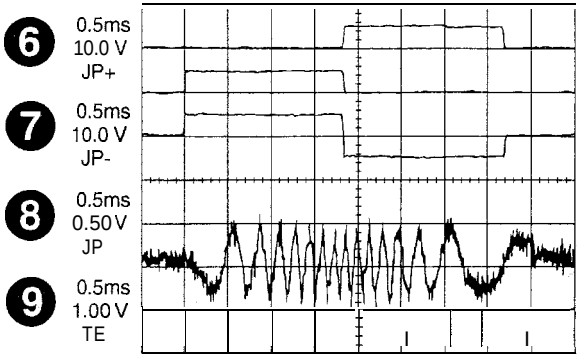
Figure 25 BLOCK C

CD-C250X/260X
CP-C250

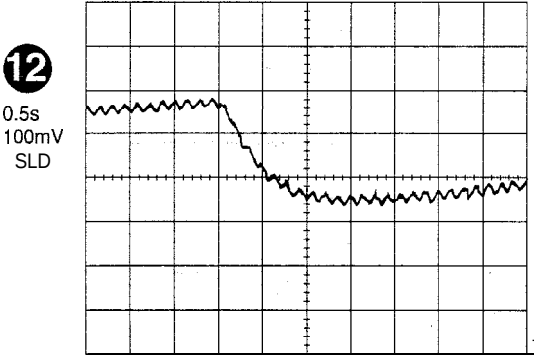
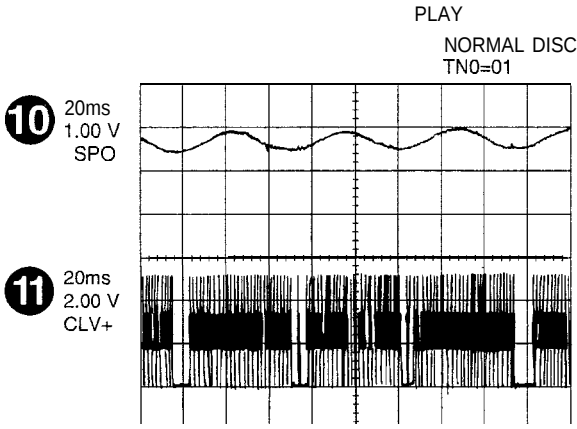


WAVEFORMS OF CD CIRCUIT

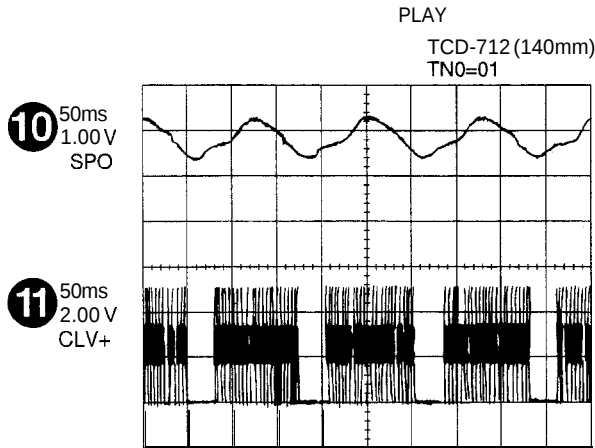


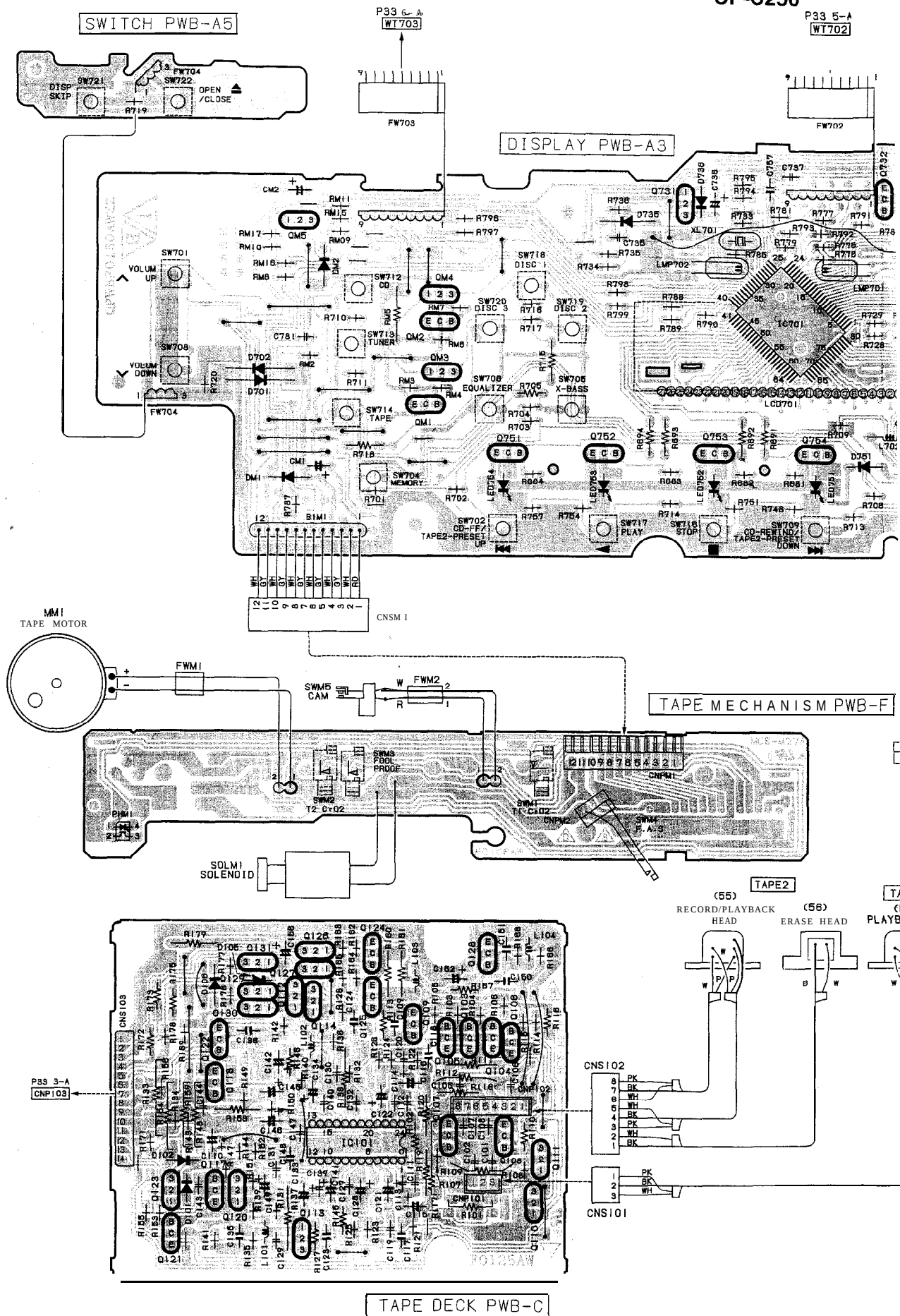


PLAY
TCD-712



VIEW





• The numbers ① to ⑫ are waveform numbers shown in page 27, 28.

Figure 29 WIRING SIDE

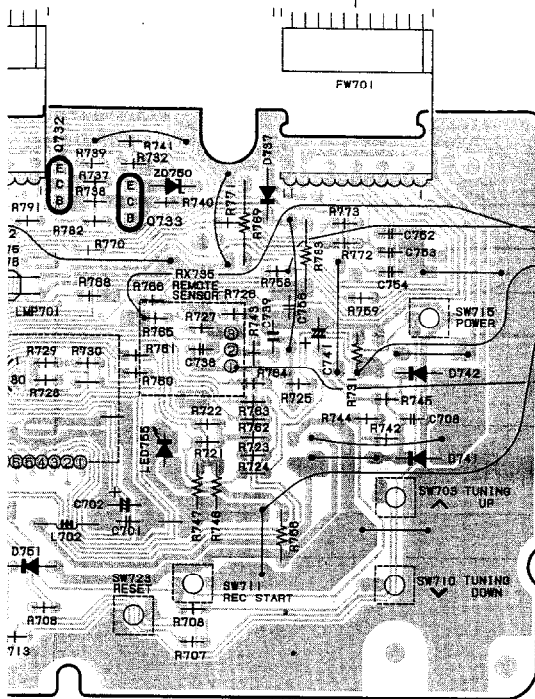
CD-C250X/260X
CP-C250

P33 2-A
WT701

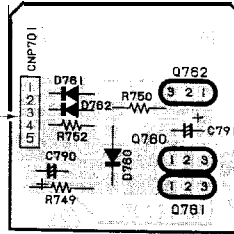
SERIAL NO.50600001~507xxxxx ONLY

SUB PWB-G

COLOR TABLE	
BR	BROWN
RD (R)	RED
OR	ORANGE
YL	YELLOW
GR	GREEN
BL	BLUE
VL	VIOLET
GY	GRAY
WH (W)	WHITE
BK	BLACK
PK	PINK

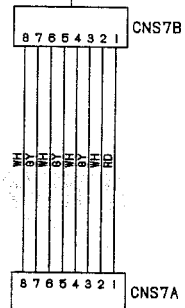


CNS701
GY 5
YL 4
RD 3
BR 2
1



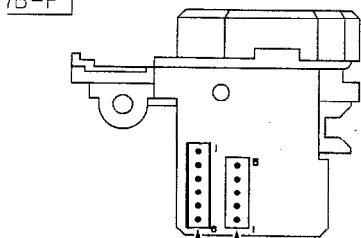
(CD SERVOPWB-B)

P33 1-B
CNP17



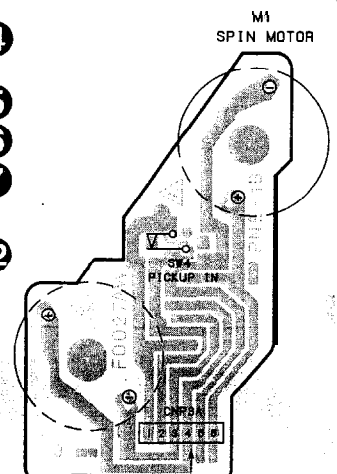
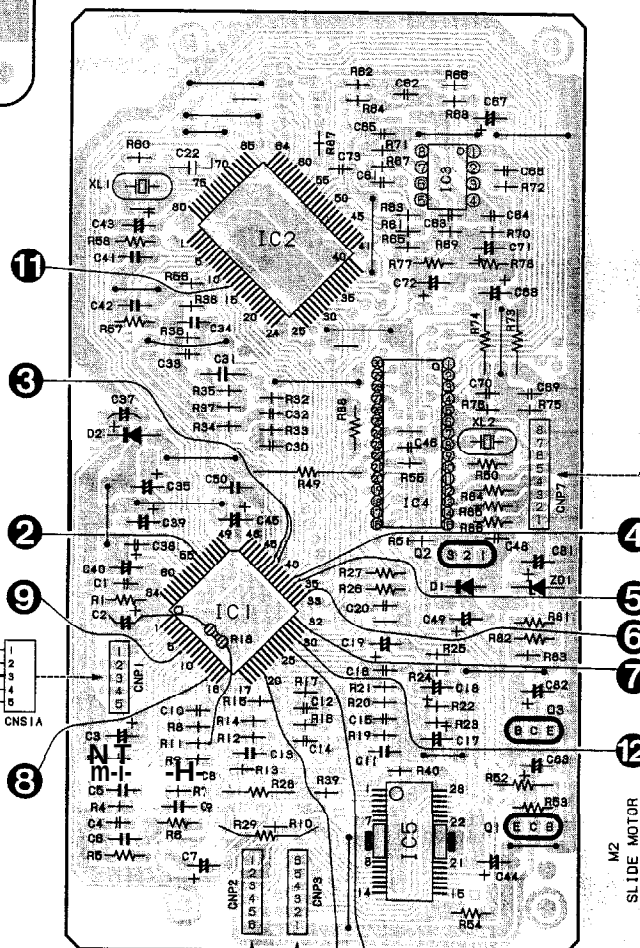
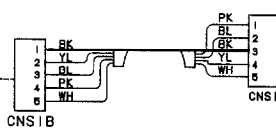
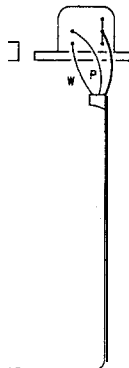
1B-F

PICKUP UNIT(306)

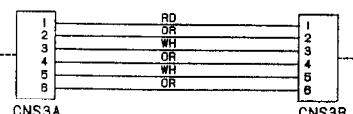
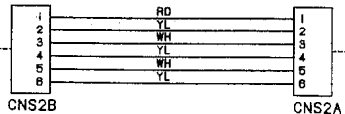


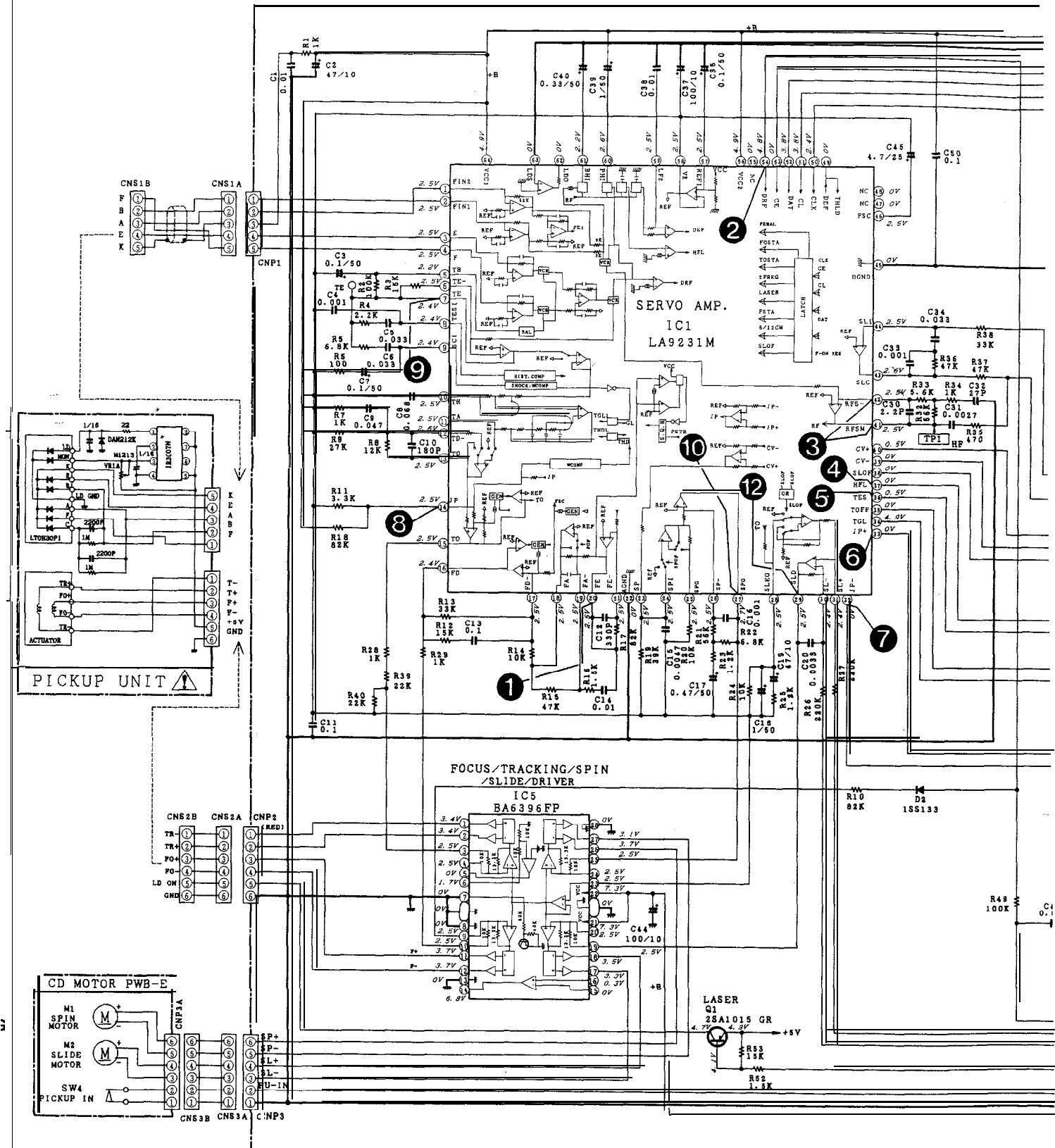
TAPE1
(55)

PLAYBACK HEAD



C.D MOTOR PWB-E

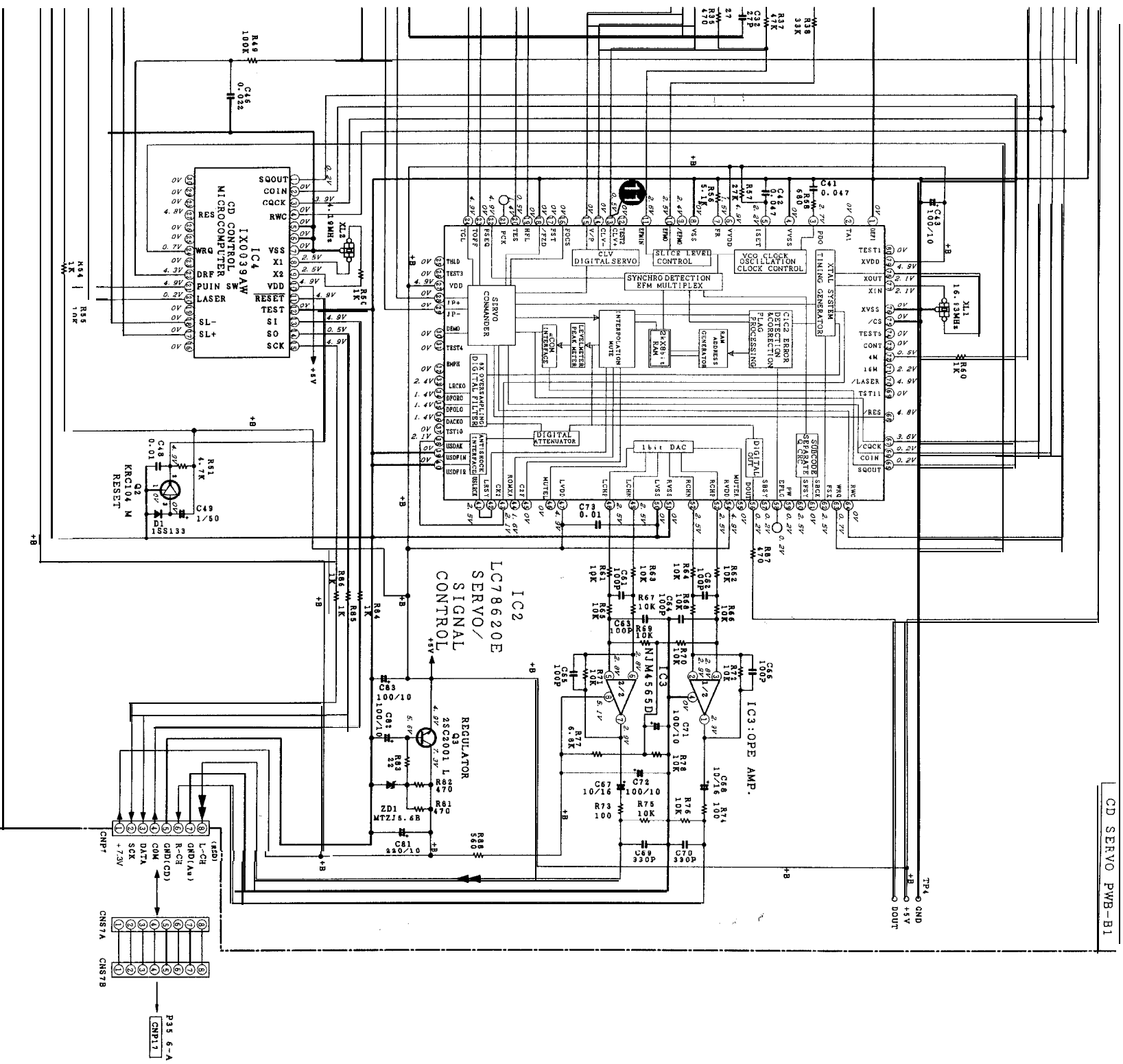


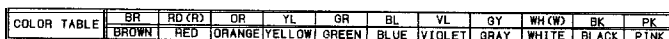


• The numbers 1 to 12 are waveform numbers shown in page 27, 28.

• NOTES ON SCHEMATIC DIAGRAM can be found on page 22.

Figure 31 SCHEMATIC DI.



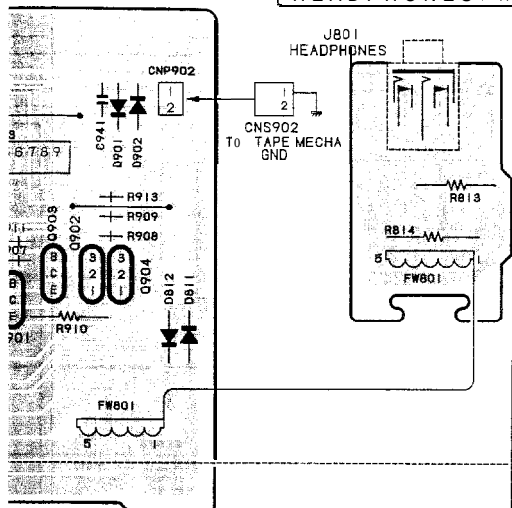


TUNER PWE

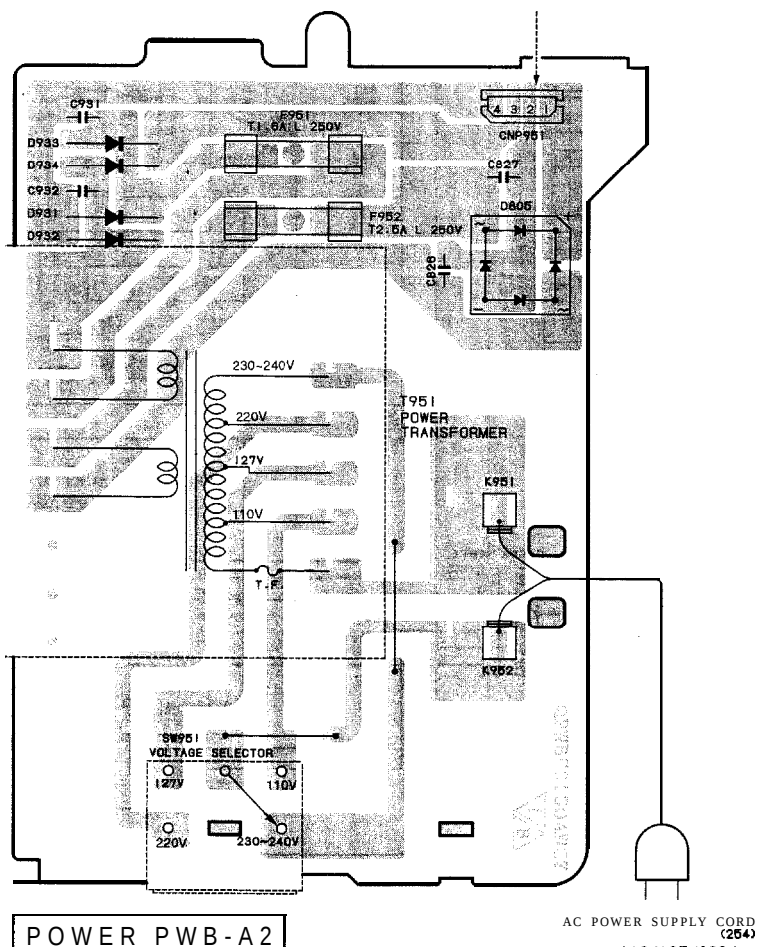
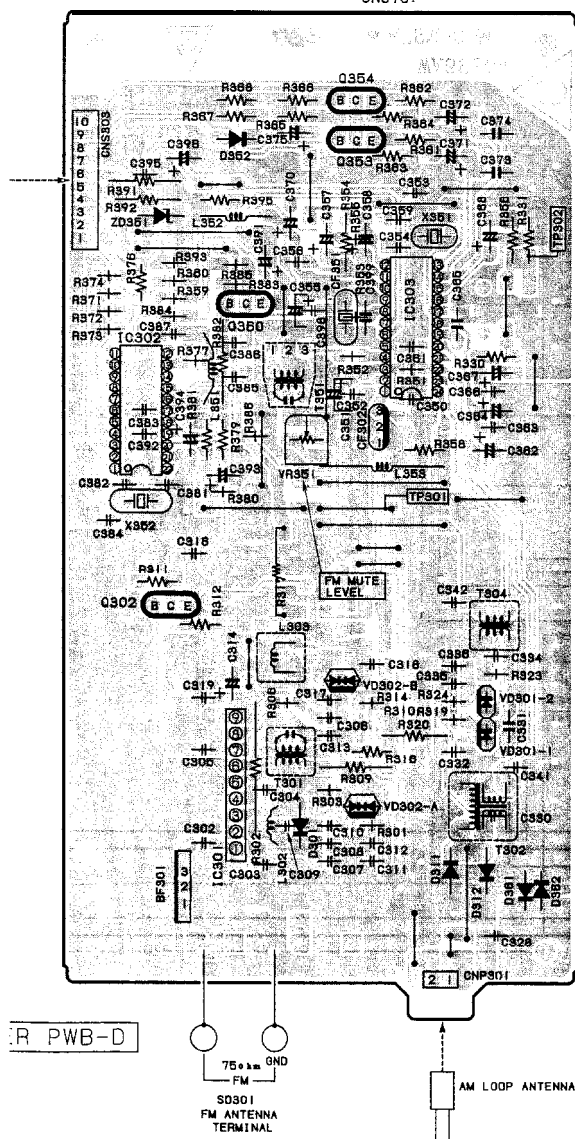
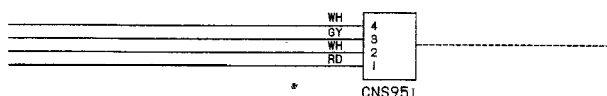
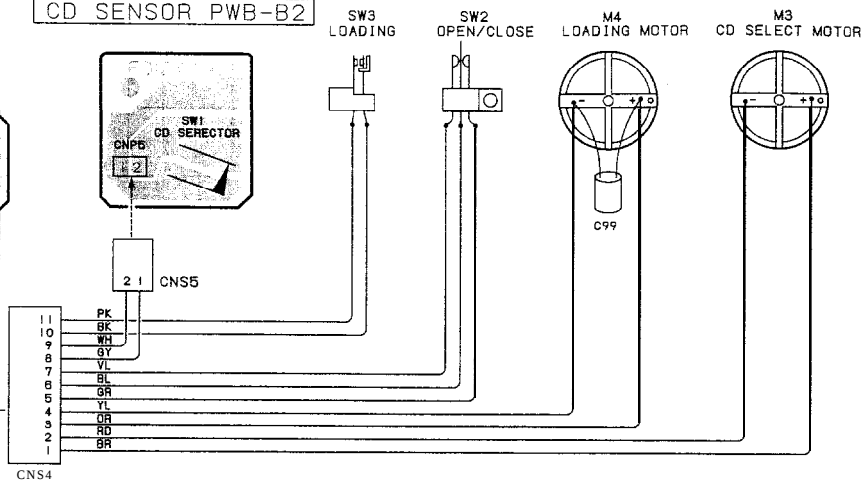
CD-C250X/260X
CP-C250

-A
3

HEADPHONES PWB-A4



CD SENSOR PWB-B2

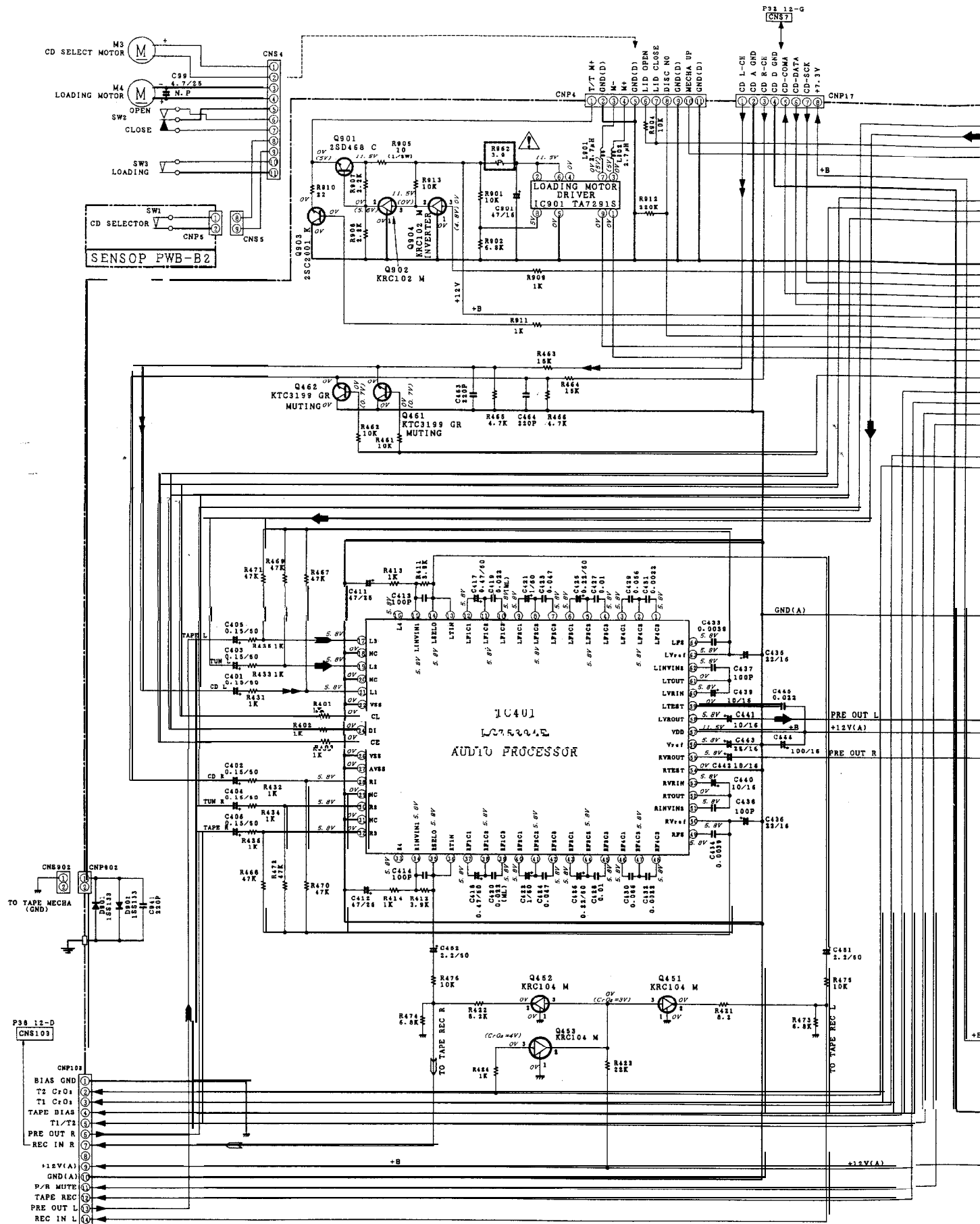


POWER PWB-A2

AC POWER SUPPLY CORD (254)
AC 110/127/220/
230-240V
50/60Hz

R PWB-D

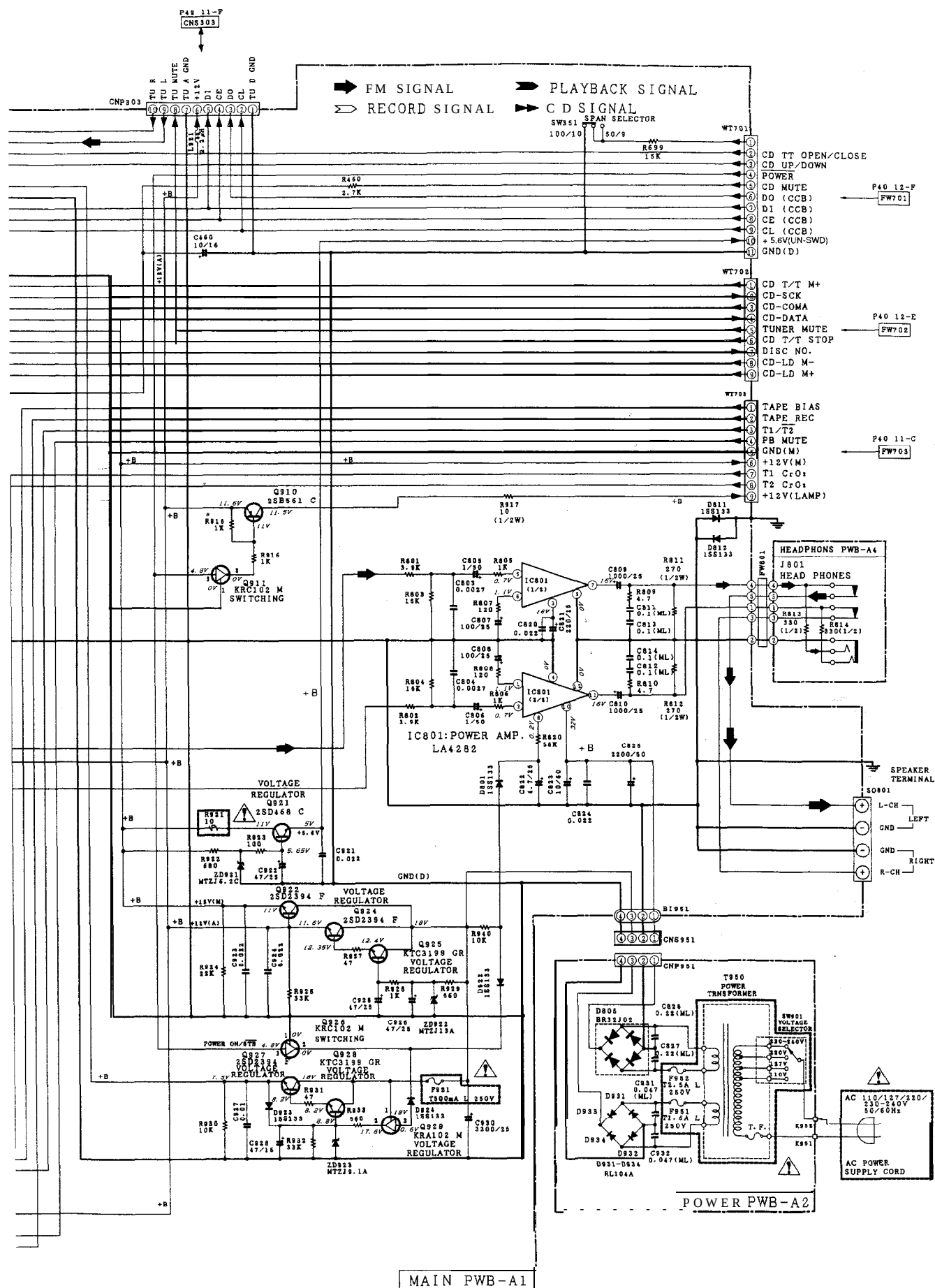




• NOTES ON SCHEMATIC DIAGRAM can be found on page 22.

Figure 35 SCHEMATIC DI.

CD-C250X260X CP-C250



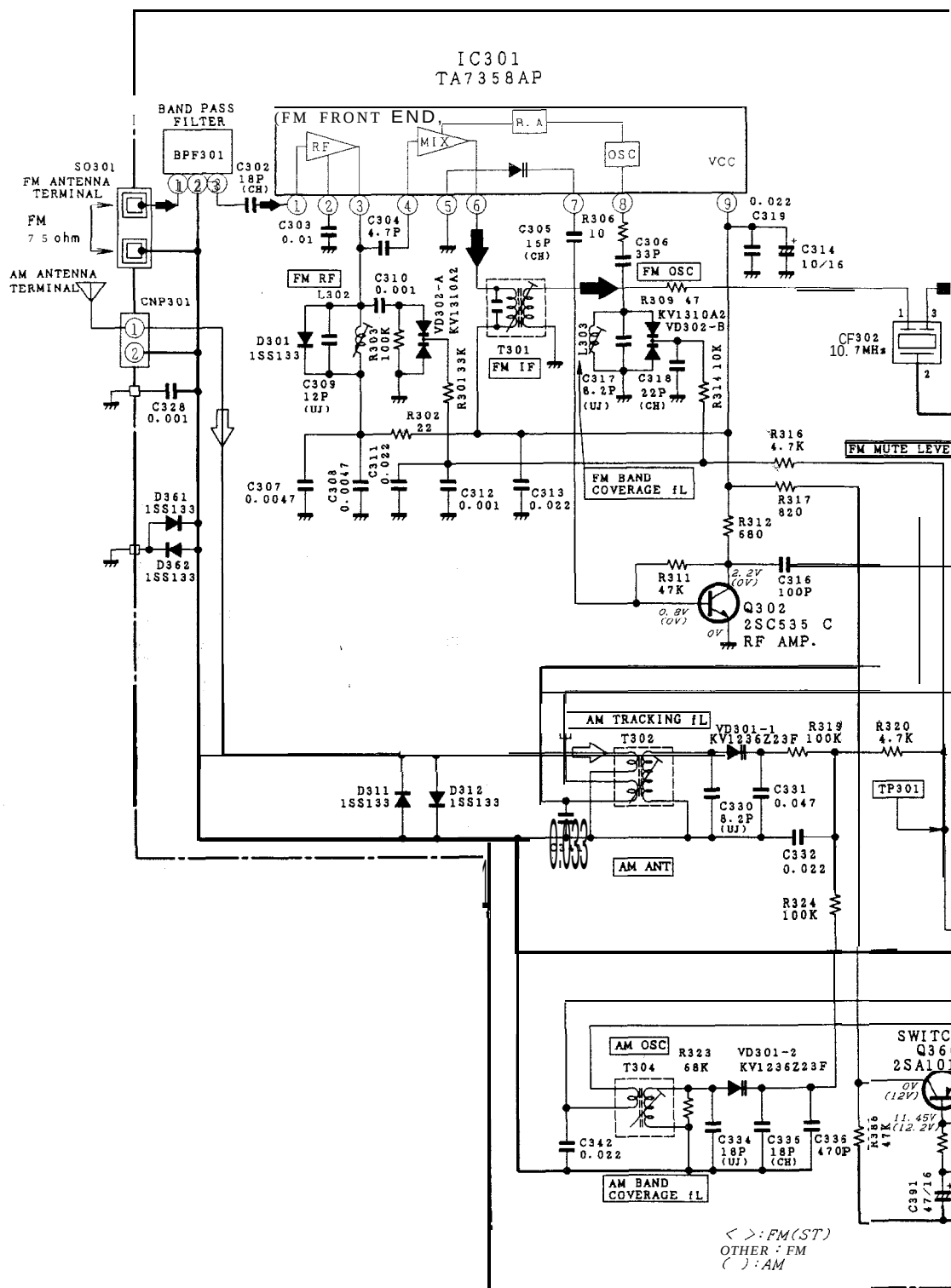


➡ FM SIGNAL ➡ AM SIGNAL

IC301	
PIN NO.	VOLTAGE
1	0.8V (0V)
2	1.5V (0V)
3	4.9V (0V)
4	1.4V (0V)
5	0V
6	4.9V (0V)
7	4.1V (0V)
8	4.8V (0V)
9	4.9V (0V)

IC302	
PIN NO.	VOLTAGE
1	2.7V
2	0V
3	0V
4	0V (4.8V)
5	0V
6	4.9V
7	0.2V (11.2V)
8	0V
9	0V
10	1V (0V)
11	5.6V
12	0V
13	0.3V
14	0V
15	0V (2.7V)
16	2.5V (0V)
17	5.3V
18	0V (1V)
19	0V (1V)
20	11.4V (10.8V)
21	0V
22	2.7V

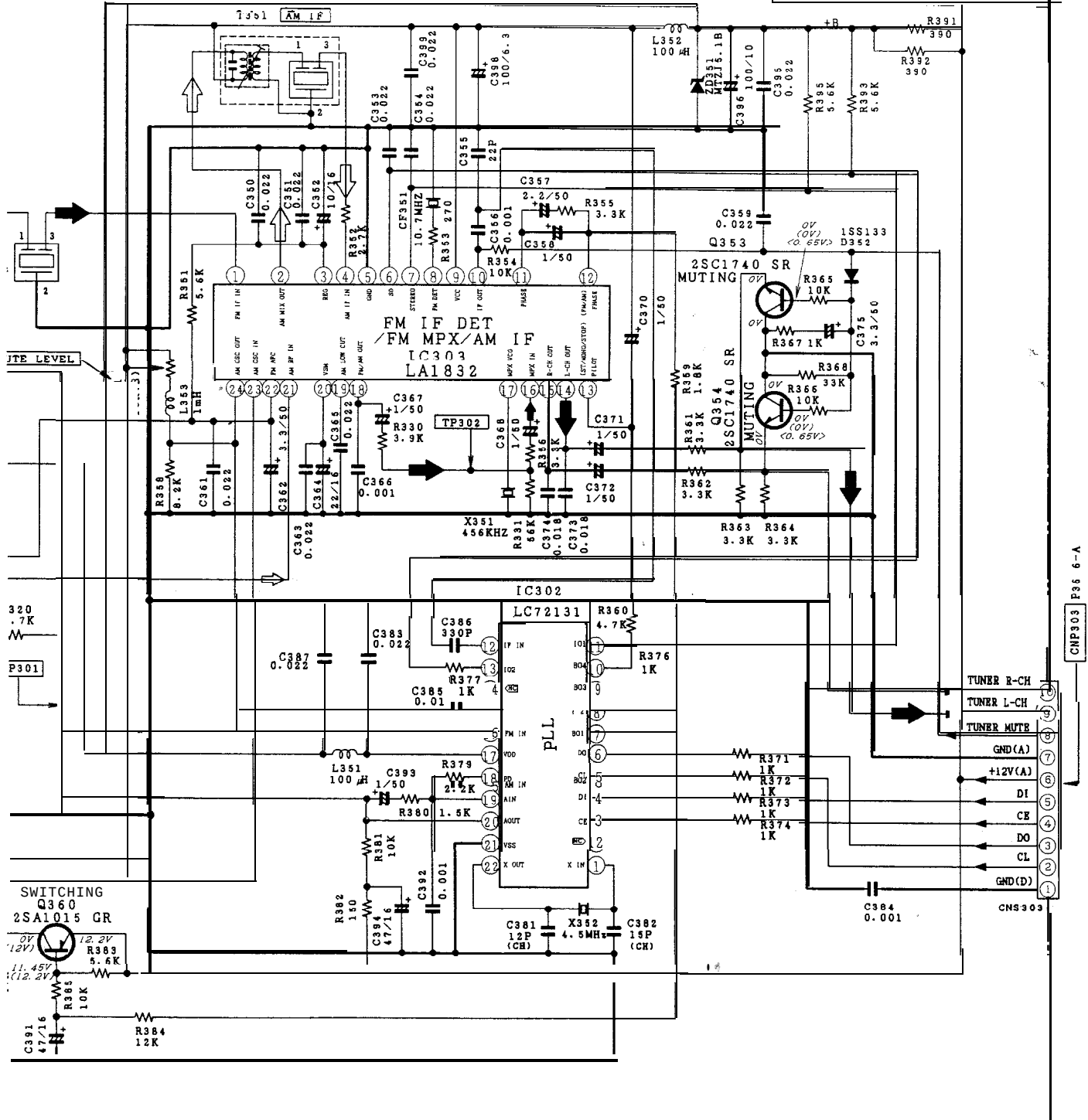
IC303	
PIN NO.	VOLTAGE
1	2.4V
2	5.08V
3	2.14V
4	2.13V
5	0V
6	5.14V
7	5.15V
8	2.89V
9	5.03V
10	<3.45V> 0V (0V)
11	3.83V (1.94V)
12	3.83V (1.23V)
13	<3.96V> 2.23V (2.28V)
14	1.27V
15	1.24V
16	2.13V
17	<0V> 0V (2.42V)
18	1.97V (1.02V)
19	0V (0.9V)
20	0.47V (1.01V)
21	2.94V (2.11V)
22	2.94V (2.11V)
23	5.03V
24	3.47V



NOTES ON SCHEMATIC DIAGRAM can be found on page 22.

Figure 41 SCHEMATIC

TUNER PWB-D



REPLACEMENT PARTS LIST

“HOW TO ORDER REPLACEMENT PARTS”

To have your order filled promptly and correctly, please furnish the following information.

- | | |
|-----------------|----------------|
| 1. MODEL NUMBER | 2. REF. NO. |
| 3. PART NO. | 4. DESCRIPTION |

★ MARK: SPARE PARTS-DELIVERY SECTION

NOTE:

Parts marked with “△” are Important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

REF.NO.	PART NO.	★	DESCRIPTION	CODE	REF.NO.	PART NO.	★	DESCRIPTION	CODE
CD-C250X/260X INTEGRATED CIRCUITS					Q751~754	VS2SA1015GR-1	J	Silicon,PNP,2SA1015 G R	A B
IC1	VHiLA9231M/-1	J	Servo Amp.,LA9231M	A V	Q760	VSDTA114ES/-1	J	Digital,PNP,DTA114 E S (Serial No.50600001 -507X ×××× Only)	A B
IC2	VHiLC78620E-1	J	Servo/Signal Control, LC78620E	B B	Q761	VSDTC114ES/-1	J	Digital,NPN,DTC114 E S (Serial No.50600001 -507X ×××× Only)	A B
IC3	VHiNJM4565D-1	J	Ope Amp.,NJM4565D	A C	Q762	VSDTA114ES/-1	J	Digital,PNP,DTA114 E S (Serial No.50600001 -507X ×××× Only)	A B
IC4	RH-iX0039AWZZ	J	CD Control Microcomputer, IX0039AW	A S	Q901	VS2SD468-C/-1	J	Silicon,NPN,2SD468 C	A D
IC5	VHiBA6396FP-1	J	Focus/Tracking/Spin/ Slide Driver,BA6396FP	A S	Q902	VSKRC102M/-1	J	Digital,NPN,KRC102 M	A C
IC101	VHiAN7345K/-1	J	Playback and Record/ Playback Amp.,AN7345K	A M	Q903	VS2SC2001-K-1	J	Silicon,NPN,2SC2001 K	A D
IC301	VHiTA7358AP-1	J	FM Front End,TA7358AP	A G	Q904	VSKRC102M/-1	J	Digital,NPN,KRC102 M	A C
IC302	VHiLC72131/-1	J	PLL (Tuner),LC72131	A P	Q910	VS2SB561-C/-1	J	Silicon,PNP,2SB561 C	A C
IC303	VHiLA1832/-1	J	FM IF Det./FM Mpx./ AM IF,LA1832	A R	Q911	VSKRC102M/-1	J	Digital,NPN,KRC102 M	A C
IC401	VHiLC75394E-1	J	Audio Processor, LC75394E	A X	Q921	VS2SD468-C/-1	J	Silicon,NPN,2SD468 C	A D
IC701	RH-iX0041AWZZ	J	System Control Microcomputer,IX0041AW (Serial No.50600001 -507 ××××× Only)	A Z	Q922	VS2SD2394F/-1	J	Silicon,NPN,2SD2394 F	A E
IC701	RH-iX0067AWZZ	J	System Control Microcomputer,IX0067AW (Serial No. 508 ×××××)	A Z	Q924	VS2SD2394F/-1	J	Silicon,NPN,2SD2394 F	A E
IC801	VHiLA4282/-1	J	Power Amp.,LA4282	A M	Q925	VSKTC3199GR-1	J	Digital,NPN,KTC3199 G R	A B
IC901	VHiTA7291S/-1	J	Loading Motor Driver, TA7291S	A H	Q926	VSKRC102M/-1	J	Digital,NPN,KRC102 M	A C
TRANSISTORS					Q927	VS2SD2394F/-1	J	Silicon,NPN,2SD2394 F	A E
Q1	VS2SA1015GR-1	J	Silicon,PNP,2SA1015 G R	A B	Q928	VSKTC3199GR-1	J	Digital,NPN,KTC3199 G R	A B
Q2	VSKRC104M/-1	J	Digital,NPN,KRC104 M	A C	Q929	VSKRA102M/-1	J	Digital,PNP,KRA102 M	A C
Q3	VS2SC2001-L-1	J	Silicon,NPN,2SC2001 L	A B	QM1	VS2SB562-C/-1	J	Silicon,PNP,2SB562 C	A D
Q103~106	VS2SC2389SE-1	J	Silicon,NPN,2SC2389 S E	A D	QM2	VS2SB561-C/-1	J	Silicon,PNP,2SB561 C	A C
Q107,108	VSKTC3199GR-1	J	Digital,NPN,KTC3199 G R	A B	QM3,4	VSKRC104M/-1	J	Digital,NPN,KRC104 M	A C
Q109	VS2SA1015GR-1	J	Silicon,PNP,2SA1015 G R	A B	QM5	VSKRC107M/-1	J	Digital,NPN,KRC107 M	A C
Q110~114	VSKRC104M/-1	J	Digital,NPN,KRC104 M	A C	DIODES				
Q117,118	VS2SC2878A/-1	J	Silicon,NPN,2SC2878 A	A E	D1,2	VHD1SS133/-1	J	Silicon,1SS133	A A
Q120	VSKRC104M/-1	J	Digital,NPN,KRC104 M	A C	D101,102	VHD1SS133/-1	J	Silicon,1SS133	A A
Q121,122	VSKTC3199GR-1	J	Digital,NPN,KTC3199 G R	A B	D105,106	VHD1SS133/-1	J	Silicon,1SS133	A A
Q123	VSKRC104M/-1	J	Digital,NPN,KRC104 M	A C	D301	VHD1SS133/-1	J	Silicon,1SS133	A A
Q124,125	VS2SB561-C/-1	J	Silicon,PNP,2SB561 C	A C	D311,312	VHD1SS133/-1	J	Silicon,1SS133	A A
Q126,127	VSKRC104M/-1	J	Digital,NPN,KRC104 M	A C	D352	VHD1SS133/-1	J	Silicon,1SS133	A A
Q128	VS2SC2001-K-1	J	Silicon,NPN,2SC2001 K	A D	D361,362	VHD1SS133/-1	J	Silicon,1SS133	A A
Q129~131	VSKRC104M/-1	J	Digital,NPN,KRC104 M	A C	D701,702	VHD1SS133/-1	J	Silicon,1SS133	A A
Q302	VS2SC535-C/-1	J	Silicon,NPN,2SC535 C	A C	D735~737	VHD1SS133/-1	J	Silicon,1SS133	A A
4353,354	VS2SC1740SR-1	J	Silicon,NPN,2SC1740 S R	A B	D741,742	VHD1SS133/-1	J	Silicon,1SS133	A A
Q360	VS2SA1015GR-1	J	Silicon,PNP,2SA1015 G R	A B	D751	VHD1SS133/-1	J	Silicon,1SS133	A A
Q451~453	VSKRC104M/-1	J	Digital,NPN,KRC104 M	A C	D760~762	VHD1SS133/-1	J	Silicon,1SS133 (Serial No.50600001 -507X × XXX Only)	A A
Q461,462	VSKTC3199GR-1	J	Digital,NPN,KTC3199 G R	A B	D801	VHD1SS133/-1	J	Silicon,1SS133	A A
Q731	VSKRC102M/-1	J	Digital,NPN,KRC102 M	A C	D805	VHDBR32J02/-1	J	Silicon,BR32J02	A G
Q732,733	VSKTC3199GR-1	J	Digital,NPN,KTC3199 G R	A B	D811,812	VHD1SS133/-1	J	Silicon,1SS133	A A
					D901,902	VHD1SS133/-1	J	Silicon,1SS133	A A
					D922~924	VHD1SS133/-1	J	Silicon,1SS133	A A
					D931~934	VHDL104A/-1	J	Silicon,RL104A	A B
					DM1,2	VHD1SS133/-1	J	Silicon,1SS133	A A
					LED751~754	VHP5N4KTN52-1	J	LED,Green,5N4KTN52	A D
					LED755	VHP5N4HTN52-1	J	LED,Red,5N4HTN52	A D

CD-C250X260X CP-C250

REF.NO.	PART NO.	★	DESCRIPTION	CODE	REF.NO.	PART NO.	★	DESCRIPTION	COI
VD301	VHCKV1236Z23F J		Variable Capacitance, KV1236Z23F	A S	C2	RC-GZA476AF1A	J 47 μ F,10V,Electrolytic	A I	
VD302	VHCKV13 10A2-F J		Variable Capacitance, KV1310A2	A E	C3	RC-GZA104AF1H	J 0.1 μ F,50V,Electrolytic	A I	
ZD1	VHEMTZJ 5R6B-1 J		Zener,5.6V,MTZJ5.6B	A D	C4	VCKYMN1HB102K	J 0.001 μ F,50V	A ,	
ZD351	VHEMTZJ5R1B-1 J		Zener,5.1V,MTZJ5.1B	A C	C5,6	VCTYPU1CX333K	J 0.033 μ F,16V	A I	
ZD750	VHEMTZJ3R9B-1 J		Zener,3.9V,MTZJ3.9B	A C	C7	RC-GZA104AF1H	J 0.1 μ F,50V,Electrolytic	A I	
ZD921	VHEMTZJ6R2C-1 J		Zener,6.2V,MTZJ6.2C	A C	C8	VCTYPU1CX683K	J 0.068 μ F,16V	A !	
ZD922	VHEMTZJ130A-1 J		Zener,13V,MTZJ13A	A C	C9	VCTYPU1CX473K	J 0.047 μ F,16V	A ,	
ZD923	VHEMTZJ9R1A-1 J		Zener,9.1V,MTZ9.1A	A A	C10	VCKYMN1HB181K	J 180 pF,50V	A ,	
FILTERS					C11	VCTYPU1CX104K	J 0.1 μ F,16V	A ,	
BF301	92LFILTF1759AT J		FM Band Pass Filter	A D	C12	VCKYMN1HB331K	J 330 pF,50V	A ,	
CF302	RFILF0124AFZZ J		FM IF	A D	C13	VCTYPU1CX104K	J 0.1 μ F,16V	A ,	
CF351	RFILF0001AWZZ J		FM Detector	A H	C14	VCTYMN1CY103K	J 0.01 μ F,16V	A ,	
TRANSFORMERS					C15	VCTYMN1CX472K	J 0.0047 μ F,16V	A ,	
T301	RCiLi0006AWZZ J		FM IF	A D	C16	VCKYMN1HB102K	J 0.001 μ F,50V	A /	
T302	RCiLA1064AFZZ J		AM Antenna	A D	C17	RC-GZA474AF1H	J 0.47 μ F,50V,Electrolytic	A ,	
T304	RCiLB1074AFZZ J		AM Oscillation	A C	C18	RC-GZA105AF1H	J 1 μ F,50V,Electrolytic	A I	
T351	RFiLA0178AFZZ J		AM IF	A F	C19	RC-GZA476AF1A	J 47 μ F,10V,Electrolytic	A I	
T950	RTRNP0022AWZZ J		Power	B C	C20	VCTYMN1CX332K	J 0.0033 μ F,16V	A ,	
COILS					C30	VCCSMN1HL2R2C	J 2.2 pF,50V	A /	
L101,102	VP-MK182K0000 J		1.8 mH,Choke	A C	c31	VCTYBT1CX272M	J 0.0027 μ F,16V	A /	
L103	VP-MK102K0000 J		1 mH,Choke	A B	C32	VCCSMN1HL270J	J 27 pF,50V	A /	
L104	VP-MK331K0000 J		330 μ H,Choke	A B	c33	VCKYMN1HB102K	J 0.001 μ F,50V	A /	
L302	RCiLR0029AWZZ J		FM RF	A A	c34	VCTYPU1CX333K	J 0.033 μ F,16V	A E	
L303	RCiLB0796AFZZ J		FM Oscillation	A D	C35	RC-GZA104AF1H	J 0.1 μ F,50V,Electrolytic	A E	
L351,352	VP-DH101K0000 J		100 μ H,Choke	A B	c37	RC-GZA107AF1A	J 100 μ F,10V,Electrolytic	A E	
L353	VP-DH102K0000 J		1 mH,Choke	A B	C38	VCTYMN1CY103K	J 0.01 μ F,16V	A /	
L702	VP-DH2R2K0000 J		2.2 mH,Peaking	A B	c39	RC-GZA105AF1H	J 1 μ F,50V,Electrolytic	A E	
1901,902	VP-CH270K0000 J		2.7 μ H,Choke	A B	C40	RC-GZA334AF1H	J 0.33 μ F,50V,Electrolytic	A I	
L921	VP-CH2R2K0000 J		2.2 μ H,Choke	A B	C41,42	VCTYPU1CX473K	J 0.047 μ F,16V	A /	
VARIABLE RESISTOR					c43	RC-EZ0004AWZZ	J 100 μ F,10V,Electrolytic	A I	
VR351	RVR-M0999AFZZ J		10 k ohm (B),Semi-VR [FM Mute Level]	A B	C44	RC-GZA107AF1A	J 100 μ F,10V,Electrolytic	A E	
VIBRATORS					C45	RC-GZA475AF1E	J 4.7 μ F,25V,Electrolytic	AE	
x351	92LCRSTL1425A J		Crystal,456 kHz	A D	C46	VCTYMN0JY223N	J 0.022 μ F,6.3V	A /	
X352	92LCRSTL1587B J		Crystal,4.5 M H z	A K	C48	VCTYMN1CY103K	J 0.01 μ F,16V	A /	
XL1	RCRM-0014AWZZ J		Ceramic,16.93 M H z	A G	c49	RC-GZA105AF1H	J 1 μ F,50V,Electrolytic	AE	
XL2	RCRM-0147AFZZ J		Ceramic,4.19 M H z	A D	C50	VCTYPA1CX104K	J 0.1 μ F,16V	AE	
XL701	RCRM-0147AFZZ J		Ceramic,4.19 M H z	A D	C61,62	RC-QZ0001AWZZ	J 100 pF,50V,Polypropylene	AC	
CAPACITORS					C63~66	VCKYMN1HB101K	J 100 pF,50V	A /	
There are two types of capacitors available and they can be identified from each other by reading their Part Numbers.					C67,68	RC-GZA106AF1C	J 10 μ F,16V,Electrolytic	AE	
- Ceramic type capacitor;					C69,70	VCKYMN1HB331K	J 330 pF,50V	A /	
A symbol "C" or "K" is given at the 3rd digit of its Part Number like "VCC (0 K).....J."					C71,72	RC-GZA107AF1A	J 100 μ F,10V,Electrolytic	AE	
- Semiconductor type capacitor:					c73	VCTYMN1CY103K	J 0.01 μ F,16V	A /	
A symbol "T" is given at the 3rd digit of its Part Number like "VCT.....J."					C81	RC-GZA227AF1A	J 220 μ F,10V,Electrolytic	AE	
The capacitance error of each capacitor is indicated by the symbol given at the 13th digit of the Part Number as follows:"J" ($\pm 5\%$), "K" ($\pm 10\%$), "M" ($\pm 20\%$), "N" ($\pm 30\%$), "C" (± 0.25 pF), "D" (± 0.5 pF), "Z" ($\pm 80-20\%$).					C82,83	RC-GZA107AF1A	J 100 μ F,10V,Electrolytic	AE	
(Tubular type ceramic capacitor is identified by the symbol TV(TQ/CY) of the part NO. VC00TV(TQ/CY)0000000; this TV(TQ/CY) does not mean the lead wire.					C99	RC-EZ0005AWZZ	J 4.7 μ F,25V,Bi-Polar Electrolytic	AC	
(Tubular type ceramic capacitor is identified by the symbol MF(MN) of the part NO. VC00MF(MN)0000000; this MF(MN) does not mean the lead wire.)					C101,102	VCKYMN1HB102K	J 0.001 μ F,50V	A /	
Unless otherwise specified, electrolytic capacitors are $\pm 20\%$ type.					C105,106	VCKYMN1HB181K	J 180 pF,50V	A /	
C1	VCTYMN1CY103K J		0.01 μ F,16V	A A	C107,108	VCKYMN1HB102K	J 0.001 μ F,50V	A /	
					C109	VCKZPA1HF473Z	J 0.047 μ F,50V	A /	
					C110	RC-GZA226AF1C	J 22 μ F,16V,Electrolytic	AE	
					C111~114	VCKYMN1HB331K	J 330 pF,50V	A /	
					C115,116	RC-GZA476AF1A	J 47 μ F,10V,Electrolytic	AE	
					C117,118	VCTYPA1CX333K	J 0.033 μ F,16V	A /	
					C119,120	VCKYMN1HB561K	J 560 pF,50V	A /	
					C121,122	RC-GZA105AF1H	J 1 μ F,50V,Electrolytic	AE	
					C123,124	VCTYPA1CX103K	J 0.01 μ F,16V	A /	
					C127	VCTYMN1EF223Z	J 0.022 μ F,25V	A /	
					C128	RC-GZA335AF1E	J 3.3 μ F,25V,Electrolytic	AE	
					C129,130	VCKYMN1HB471K	J 470 pF,50V	A /	
					C131,132	VCKYMN1HB102K	J 0.001 μ F,50V	A /	
					C133,134	RC-GZA226AF1C	J 22 μ F,16V,Electrolytic	AE	
					C135,136	VCTYPA1CX563K	J 0.056 μ F,16V	AE	
					C139,140	VCTYMN1CX332K	J 0.0033 μ F,16V	A /	
					C141,142	RC-GZA105AF1H	J 1 μ F,50V,Electrolytic	AE	
					C143,144	VCTYMN1EF223Z	J 0.022 μ F,25V	A /	
					C145	RC-GZA226AF1C	J 22 μ F,16V,Electrolytic	AE	
					C146	RC-GZA227AF1A	J 220 μ F,10V,Electrolytic	AE	
					C147	VCTYMN1EF223Z	J 0.022 μ F,25V	A /	
					C148	VCTYPA1CX823K	J 0.082 μ F,16V	AE	

REF.NO.	PART NO.	★	DESCRIPTION	CODE	REF.NO.	PART NO.	★	DESCRIPTION	CODE		
C149	RC-GZA336AF1C	J	33 μ F,16V,Electrolytic	A B	C425,426	RC-GZA224AF1H	J	0.22 μ F,50V,Electrolytic	A A		
C150	VCQPKA2AA392J	J	0.0039 μ F,100V, Polypropylene	A B	C427,428	VCTYP A1EX103K	J	0.01 μ F,25V	A A		
C151	RC-QZA273AFYJ	J	0.027 μ F,50V,Mylar	A B	C429,430	VCTYP A1EX563K	J	0.056 μ F,25V	A B		
C152	RC-GZA476AF1A	J	47 μ F,10V,Electrolytic	A 0	C431,432	VCTYMN1CX222K	J	0.0022 μ F,16V	A A		
C156	RC-GZA107AF1C	J	100 μ F,16V,Electrolytic	A B	C433,434	VCTYMN1CX392K	J	0.0039 μ F,16V	A A		
C302	VCCCMN1HH180J	J	18 pF (CH),50V	A A	C435,436	RC-GZA226AF1C	J	22 μ F,16V,Electrolytic	A B		
C303	VCTYMN1CY103K	J	0.01 μ F,16V	A A	C437,438	VCKYMN1HB101K	J	100 pF,50V	A A		
C304	VCCSMN1HL4R7C	J	4.7 pF,50V	A A	C439~442	RC-GZA106AF1C	J	10 μ F,16V,Electrolytic	A B		
C305	VCCCMN1HH150J	J	15 pF (CH),50V	A A	c443	RC-GZA226AF1C	J	22 μ F,16V,Electrolytic	A B		
C306	VCCSMN1HL330J	J	33 pF,50V	A A	c444	RC-GZA107AF1C	J	100 μ F,16V,Electrolytic	A B		
C307,308	VCTYMN1CX472K	J	0.0047 μ F,16V	A A	C445	VCKZPA1HF223Z	J	0.022 μ F,50V	A A		
C309	VCCUMN1HJ120J	J	12 pF (UJ),50V	A A	C451,452	RC-GZA225AF1H	J	2.2 μ F,50V,Electrolytic	A B		
C310	VCKYMN1HB102K	J	0.001 μ F,50V	A A	C460	RC-GZA106AF1C	J	10 μ F,16V,Electrolytic	A B		
C311	VCTYMN1EF223Z	J	0.022 μ F,25V	A A	C463,464	VCKYMN1HB221K	J	220 pF,50V	A A		
C312	VCKYMN1HB102K	J	0.001 μ F,50V	A A	C701	VCTYMN1CY103K	J	0.01 μ F,16V	A A		
C313	VCTYMN1EF223Z	J	0.022 μ F,25V	A A	C702	RC-GZA476AF1A	J	47 μ F,10V,Electrolytic	A B		
C314	RC-GZA106AF1C	J	10 μ F,16V,Electrolytic	A B	C708	VCTYMN1EF223Z	J	0.022 μ F,25V	A A		
C316	VCKYMN1HB101K	J	100 pF,50V	A A	c735	VCKZPU1HF103Z	J	0.01 μ F,50V	A A		
C317	VCCUMN1HJ8R2D	J	8.2 pF (UJ),50V	A A	C736	RC-GZA335AF1H	J	3.3 μ F,50V,Electrolytic	A B		
C318	VCCCMN1HH220J	J	22 pF (CH),50V	A A	c737	VCTYMN1EF103Z	J	0.01 μ F,25V	A B		
C319	VCTYMN1EF223Z	J	0.022 μ F,25V	A A	C738	VCTYMN1EF223Z	J	0.022 μ F,25V	A A		
C328	VCKYMN1HB102K	J	0.001 μ F,50V	A A	c739	VCTYP A1EX393K	J	0.039 μ F,25V	A A		
C330	VCCUMN1HJ8R2D	J	8.2 pF (UJ),50V	A A	C741	RC-GZA227AF0J	J	220 μ F,6.3V,Electrolytic	A B		
c331	VCKZPA1HF473Z	J	0.047 μ F,50V	A A	C752~754	VCCSMN1HL560J	J	56 pF,50V	A A		
C332	VCTYMN1EF223Z	J	0.022 μ F,25V	A A	C756	VCKYMN1HB102K	J	0.001 μ F,50V	A A		
c334	VCCUMN1HJ180J	J	18 pF (UJ),50V	A A	C757	VCKYPA1HB102K	J	0.001 μ F,50V	A A		
c335	VCCCMN1HH180J	J	18 pF (CH),50V	A A	C781	VCKYMN1HB102K	J	0.001 μ F,50V	A A		
C336	VCKYMN1HB471K	J	470 pF,50V	A A	C790,791	RC-GZA226AF1C	J	22 μ F,16V,Electrolytic	A B		
C341,342	VCTYMN1EF223Z	J	0.022 μ F,25V	A A				(Serial No.50600001 -507 $\times \times \times \times$ Only)			
C350,351	VCTYMN1EF223Z	J	0.022 μ F,25V	A A	C803,804	VCTYMN1CX272K	J	0.0027 μ F,16V	A A		
C352	RC-GZA106AF1C	J	10 μ F,16V,Electrolytic	A 0	C805,806	RC-GZA105AF1H	J	1 μ F,50V,Electrolytic	A B		
C353,354	VCTYMN1EF223Z	J	0.022 μ F,25V	A A	C807,808	RC-GZA107AF1E	J	100 μ F,25V,Electrolytic	A B		
c355	VCCSMN1HL220J	J	22 pF,50V	A A	C809,810	RC-GZV108AF1E	J	1000 μ F,25V,Electrolytic	A D		
C356	VCKYMN1HB102K	J	0.001 μ F,50V	A A	C811~814	RC-QZA104AFYK	J	0.1 μ F,50V,Mylar	A B		
c357	RC-GZA225AF1H	J	2.2 μ F,50V,Electrolytic	A B	C820	VCKZPA1HF223Z	J	0.022 μ F,50V	A A		
C358	RC-GZA105AF1H	J	1 μ F,50V,Electrolytic	A B	ca21	RC-GZA227AF1E	J	220 μ F,25V,Electrolytic	A B		
c359	VCTYMN1EF223Z	J	0.022 μ F,25V	A A	C822	RC-GZA475AF1E	J	4.7 μ F,25V,Electrolytic	A B		
C361	VCTYMN1EF223Z	J	0.022 μ F,25V	A A	C823	RC-GZA106AF1H	J	10 μ F,50V,Electrolytic	A B		
C362	RC-GZA335AF1H	J	3.3 μ F,50V,Electrolytic	A B	C824	VCKZPA1HF223Z	J	0.022 μ F,50V	A A		
C363	VCTYMN1EF223Z	J	0.022 μ F,25V	A A	C825	RC-GZW228AF1H	J	2200 μ F,50V,Electrolytic	A H		
C364	RC-GZA226AF1C	J	22 μ F,16V,Electrolytic	A B	C826,827	RC-QZA224AFYK	J	0.22 μ F,50V,Mylar	A B		
C365	VCTYP A1CX223K	J	0.022 μ F,16V	A A	C901	RC-GZA476AF1C	J	47 μ F,16V,Electrolytic	A B		
C366	VCKYMN1HB102K	J	0.001 μ F,50V	A A	c921	VCTYMN1EF223Z	J	0.022 μ F,25V	A A		
C367,368	RC-GZA105AF1H	J	1 μ F,50V,Electrolytic	A B	c922	RC-GZA476AF1E	J	47 μ F,25V,Electrolytic	A B		
C370~372	RC-GZA105AF1H	J	1 μ F,50V,Electrolytic	A B	C923,924	VCKZPA1HF223Z	J	0.022 μ F,50V	A A		
C373,374	VCTYP A1CX183K	J	0.018 μ F,16V	A A	C925,926	RC-GZA476AF1E	J	47 μ F,25V,Electrolytic	A B		
c375	RC-GZA335AF1H	J	3.3 μ F,50V,Electrolytic	A B	c927	VCTYP A1EX103K	J	0.01 μ F,25V	A A		
C381	VCCCMN1HH120J	J	12 pF (CH),50V	A A	C928	RC-GZA476AF1C	J	47 μ F,16V,Electrolytic	A B		
C382	VCCCMN1HH150J	J	15 pF (CH),50V	A A	C930	RC-GZW338AF1E	J	3300 μ F,25V,Electrolytic	A G		
C383	VCTYMN1EF223Z	J	0.022 μ F,25V	A A	C931,932	RC-QZA473AFYK	J	0.047 μ F,50V,Mylar	A B		
C384	VCKYMN1HB102K	J	0.001 μ F,50V	A A	C941	VCKYPA1HB221K	J	220 pF,50V	A A		
C385	VCTYMN1CY103M	J	0.01 μ F,16V	A A	CM1	RC-GZA476AF1C	J	47 μ F,16V,Electrolytic	A B		
C386	VCKYMN1HB331K	J	330 pF,50V	A A	CM2	RC-GZA335AF1H	J	3.3 μ F,50V,Electrolytic	A B		
C387	VCTYMN1EF223Z	J	0.022 μ F,25V	A A				RESISTORS			
C391	RC-GZA476AF1C	J	47 μ F,16V,Electrolytic	A B				(Unless otherwise specified, resistors are $\pm 5\%$,carbon type.) (Tubular type carbon film resistor $\pm 5\%$ is identified the symbol TV(TQ/CY) of the part NO. VRS-TV(TQ/CY)0000000; this TV(TQ/CY) does not mean lead wire.) (Tubular type carbon film resistor $\pm 5\%$ is identified the symbol MF(MN) of the part NO. VRD-MF(MN)0000000; this MF(MN) does not mean lead wire.)			
c392	VCKYMN1HB102K	J	0.001 μ F,50V	A A				VRD-MN2BD000C	J	0 ohm,Jumper, ϕ 1.4 $\times$ 3.5mm, Ivory	A A
c393	RC-GZA105AF1H	J	1 μ F,50V,Electrolytic	A B							
c394	RC-GZA476AF1C	J	47 μ F,16V,Electrolytic	A B	R1	VRD-ST2CD102J	J	1 kohm,1/6W		A A	
c395	VCTYMN1EF223Z	J	0.022 μ F,25V	A A	R2	VRD-MN2BD104J	J	1 0 0 kohm,1/8W		A A	
C396	RC-GZA107AF1A	J	100 μ F,10V,Electrolytic	A B	R3	VRD-MN2BD153J	J	1 5 kohms,1/8W		A A	
C398	RC-GZA107AF0J	J	100 μ F,6.3V,Electrolytic	A B	R4	VRD-MN2BD222J	J	2 2 kohms,1/8W		A A	
c399	VCKZPA1HF223Z	J	0.022 μ F,50V	A A	R5	VRD-ST2CD682J	J	6 8 kohms,1/6W		A A	
C401~406	RC-GZA154AF1H	J	0.15 μ F,50V,Electrolytic	A A							
C411,412	RC-GZA476AF1E	J	47 μ F,25V,Electrolytic	A B							
C413,414	VCKYMN1HB101K	J	100 pF,50V	A A							
C417,418	RC-GZA474AF1H	J	0.47 μ F,50V,Electrolytic	A A							
C419,420	RC-QZA223AFYJ	J	0.022 μ F,50V,Mylar	A B							
C421,422	RC-GZA105AF1H	J	1 μ F,50V,Electrolytic	A B							
C423,424	VCTYP A1EX473K	J	0.047 μ F,25V	A A							

CD-C250X260X
CP-C250

REF.NO.	PART NO.	★	DESCRIPTION	CODE	REF.NO.	PART NO.	★	DESCRIPTION	CODE
R6	VRD-ST2CD101J	J	100 ohm,1/6W	A A	R141,142	VRD-MN2BD101J	J	100 ohm,1/8W	A A
R7	VRD-MN2BD102J	J	1 kohm,1/8W	A A	R143	VRD-MN2BD103J	J	10 kohm,1/8W	A A
R8	VRD-MN2BD123J	J	12 kohms,1/8W	A A	R144	VRD-MN2BD562J	J	5.6 kohms,1/8W	A A
R9	VRD-MN2BD273J	J	27 kohms,1/8W	A A	R145,146	VRD-ST2CD103J	J	10 kohm,1/6W	A A
R10	VRD-MN2BD823J	J	82 kohms,1/8W	A A	R147	VRD-MN2BD103J	J	10 kohm,1/8W	A A
R11	VRD-MN2BD332J	J	3.3 kohms,1/8W	A A	R148	VRD-ST2CD103J	J	10 kohm,1/6W	A A
R12	VRD-MN2BD153J	J	15 kohms,1/8W	A A	R149,150	VRD-MN2BD103J	J	10 kohm,1/8W	A A
R13	VRD-MN2BD333J	J	33 kohms,1/8W	A A	R151	VRD-MN2BD101J	J	100 ohm,1/8W	A A
R14	VRD-MN2BD103J	J	10 kohm,1/8W	A A	R152	VRD-MN2BD154J	J	150 kohms,1/8W	A A
R15	VRD-MN2BD473J	J	47 kohms,1/8W	A A	R153	VRD-MN2BD103J	J	10 kohm,1/8W	A A
R16	VRD-MN2BD152J	J	1.5 kohms,1/8W	A A	R154	VRD-ST2CD103J	J	10 kohm,1/6W	A A
R17	VRD-MN2BD823J	J	82 kohms,1/8W	A A	R155,156	VRD-MN2BD273J	J	27 kohms,1/8W	A A
R18	VRD-ST2CD823J	J	82 kohms,1/6W	A A	R158	VRD-ST2EE471J	J	470 ohms,1/4W	A A
R19	VRD-MN2BD393J	J	39 kohms,1/8W	A A	R159	VRD-ST2CD103J	J	10 kohm,1/6W	A A
R20	VRD-MN2BD103J	J	10 kohm,1/8W	A A	R160	VRD-ST2EE331J	J	330 ohms,1/4W	A A
R21	VRD-MN2BD563J	J	56 kohms,1/8W	A A	R161	VRD-ST2EE271J	J	270 ohms,1/4W	A A
R22	VRD-MN2BD682J	J	6.8 kohms,1/8W	A A	R162	VRD-MN2BD472J	J	4.7 kohms,1/8W	A A
R23	VRD-MN2BD122J	J	1.2 kohms,1/8W	A A	R163	VRD-MN2BD103J	J	10 kohm,1/8W	A A
R24	VRD-MN2BD103J	J	10 kohm,1/8W	A A	R164	VRD-MN2BD472J	J	4.7 kohms,1/8W	A A
R25	VRD-MN2BD122J	J	1.2 kohms,1/8W	A A	R165	VRD-MN2BD103J	J	10 kohm,1/8W	A A
R26,27	VRD-ST2CD224J	J	220 kohms,1/6W	A A	R166	VRD-MN2BD473J	J	47 kohms,1/8W	A A
R28,29	VRD-ST2CD102J	J	1 kohm,1/6W	A A	R167	VRD-ST2CD104J	J	100 kohm,1/6W	A A
R32	VRD-MN2BD563J	J	56 kohms,1/8W	A A	R168	VRD-MN2BD120J	J	12 ohms,1/8W	A A
R33	VRD-MN2BD562J	J	5.6 kohms,1/8W	A A	R169	VRD-MN2BD102J	J	1 kohm,1/8W	A A
R34	VRD-MN2BD102J	J	1 kohm,1/8W	A A	R171	VRD-MN2BD102J	J	1 kohm,1/8W	A A
R35	VRD-MN2BD471J	J	470 ohms,1/8W	A A	R172,173	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R36,37	VRD-MN2BD473J	J	47 kohms,1/8W	A A	R175	VRD-ST2CD103J	J	10 kohm,1/6W	A A
R38	VRD-MN2BD333J	J	33 kohms,1/8W	A A	R176,177	VRD-MN2BD103J	J	10 kohm,1/8W	A A
R39,40	VRD-MN2BD223J	J	22 kohms,1/8W	A A	R178	VRD-MN2BD102J	J	1 kohm,1/8W	A A
R49	VRD-ST2CD104J	J	100 kohm,1/6W	A A	R179	VRD-ST2EE221J	J	220 ohms,1/4W	A A
R50	VRD-ST2CD102J	J	1 kohm,1/6W	A A	R301	VRD-MN2BD333J	J	33 kohms,1/8W	A A
R51	VRD-MN2BD472J	J	4.7 kohms,1/8W	A A	R302	VRD-ST2CD220J	J	22 ohms,1/6W	A A
R52	VRD-ST2CD152J	J	1.5 kohms,1/6W	A A	R303	VRD-MN2BD104J	J	100 kohm,1/8W	A A
R53	VRD-ST2CD153J	J	15 kohms,1/6W	A A	R306	VRD-MN2BD100J	J	10 ohm,1/8W	A A
R54	VRD-ST2CD102J	J	1 kohm,1/6W	A A	R309	VRD-ST2CD470J	J	47 ohms,1/6W	A A
R55	VRD-MN2BD103J	J	10 kohm,1/8W	A A	R311	VRD-ST2CD473J	J	47 kohms,1/6W	A A
R56	VRD-MN2BD512J	J	5.1 kohms,1/8W	A A	R312	VRD-ST2CD681J	J	680 ohms,1/6W	A A
R57	VRD-ST2CD273J	J	27 kohms,1/6W	A A	R314	VRD-MN2BD103J	J	10 kohm,1/8W	A A
R58	VRD-ST2CD681J	J	680 ohms,1/6W	A A	R316	VRD-ST2CD472J	J	4.7 kohms,1/6W	A A
R60	VRD-MN2BD102J	J	1 kohm,1/8W	A A	R317	VRD-ST2EE821J	J	820 ohms,1/4W	A A
R61~72	VRD-MN2BD103J	J	10 kohm,1/8W	A A	R319	VRD-MN2BD104J	J	100 kohm,1/8W	A A
R73,74	VRD-ST2CD101J	J	100 ohm,1/6W	A A	R320	VRD-ST2CD472J	J	4.7 kohms,1/6W	A A
R75,76	VRD-MN2BD103J	J	10 kohm,1/8W	A A	R323	VRD-MN2BD683J	J	68 kohms,1/8W	A A
R77	VRD-ST2CD682J	J	6.8 kohms,1/6W	A A	R324	VRD-MN2BD104J	J	100 kohm,1/8W	A A
R78	VRD-ST2CD103J	J	10 kohm,1/6W	A A	R330	VRD-ST2CD392J	J	3.9 kohms,1/6W	A A
R81,82	VRD-ST2CD471J	J	470 ohms,1/6W	A A	R331	VRD-ST2CD563J	J	56 kohms,1/6W	A A
R83	VRD-MN2BD220J	J	22 ohms,1/8W	A A	R351	VRD-MN2BD562J	J	5.6 kohms,1/8W	A A
R84~86	VRD-ST2CD102J	J	1 kohm,1/6W	A A	R352	VRD-MN2BD272J	J	2.7 kohms,1/8W	A A
R87	VRD-MN2BD471J	J	470 ohms,1/8W	A A	R353	VRD-MN2BD271J	J	270 ohms,1/8W	A A
R88	VRD-ST2CD561J	J	560 ohms,1/6W	A A	R354	VRD-ST2CD103J	J	10 kohm,1/6W	A A
R101,102	VRD-ST2CD102J	J	1 kohm,1/6W	A A	R355	VRD-MN2BD332J	J	3.3 kohms,1/8W	A A
R103,104	VRD-MN2BD332J	J	3.3 kohms,1/8W	A A	R356	VRD-ST2CD332J	J	3.3 kohms,1/6W	A A
R105,106	VRD-MN2BD682J	J	6.8 kohms,1/8W	A A	R358	VRD-ST2CD822J	J	8.2 kohms,1/6W	A A
R107,108	VRD-MN2BD103J	J	10 kohm,1/8W	A A	R359	VRD-MN2BD182J	J	1.8 kohms,1/8W	A A
R109~113	VRD-ST2CD103J	J	10 kohm,1/6W	A A	R360	VRD-MN2BD472J	J	4.7 kohms,1/8W	A A
R114,115	VRD-MN2BD103J	J	10 kohm,1/8W	A A	R361,362	VRD-ST2CD332J	J	3.3 kohms,1/6W	A A
R116	VRD-ST2CD103J	J	10 kohm,1/6W	A A	R363,364	VRD-ST2CD332J	J	3.3 kohms,1/6W	A A
R117,118	VRD-ST2CD102J	J	1 kohm,1/6W	A A	R365,366	VRD-ST2CD103J	J	10 kohm,1/6W	A A
R119,120	VRD-ST2CD560J	J	56 ohms,1/6W	A A	R367	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R121,122	VRD-MN2BD104J	J	100 kohm,1/8W	A A	R368	VRD-ST2CD333J	J	33 kohms,1/6W	A A
R123,124	VRD-MN2BD392J	J	3.9 kohms,1/8W	A A	R371~374	VRD-MN2BD102J	J	1 kohm,1/8W	A A
R125,126	VRD-MN2BD562J	J	5.6 kohms,1/8W	A A	R376	VRD-ST2CD102J	J	1 kohm,1/6W	A A
R127	VRD-ST2CD822J	J	8.2 kohms,1/6W	A A	R377	VRD-MN2BD102J	J	1 kohm,1/8W	A A
R128	VRD-MN2BD822J	J	8.2 kohms,1/8W	A A	R379	VRD-ST2CD222J	J	2.2 kohms,1/6W	A A
R131,132	VRD-MN2BD333J	J	33 kohms,1/8W	A A	R380	VRD-MN2BD152J	J	1.5 kohms,1/8W	A A
R133	VRD-ST2CD223J	J	22 kohms,1/6W	A A	R381	VRD-ST2CD103J	J	10 kohm,1/6W	A A
R134	VRD-MN2BD683J	J	68 kohms,1/8W	A A	R382	VRD-ST2EE151J	J	150 ohms,1/4W	A A
R135,136	VRD-MN2BD332J	J	3.3 kohms,1/8W	A A	R383	VRD-MN2BD562J	J	5.6 kohms,1/8W	A A
R137,138	VRD-ST2CD682J	J	6.8 kohms,1/6W	A A	R384	VRD-MN2BD123J	J	12 kohms,1/8W	A A
R139,140	VRD-MN2BD561J	J	560 ohms,1/8W	A A	R385	VRD-MN2BD103J	J	10 kohm,1/8W	A A

OTHER CIRCUITRY PARTS

CD-C250X/260X CP-C250

REF.NO.	PART NO.	★	DESCRIPTION	CODE	REF.NO.	PART NO.	★	DESCRIPTION	CODE
CNP101	92LC0NE3P53253	J	Plug,3Pin	A B	SW704	92LSWiCHT1663T	J	Switch,Key Type	A C
CNP102	92LC0NE8P53253	J	Plug,8Pin	A C				[Memory]	
CNP103	QCNCM014PAWZZ	J	Plug,14Pin	A D	SW705	92LSWiCHT1663T	J	Switch,Key Type	A C
CNP301	92LC0NE-2P5268	J	Plug,2Pin	A B				[X-Bass]	
CNP303	QCNCM014KAWZZ	J	Plug,10Pin	A D	SW706	92LSWiCHT1663T	J	Switch,Key Type	A C
CNP701	QCNCM931EAFZZ	J	Plug,5Pin	A C				[Equalizer]	
			(Serial No.50600001 -507X ×××× Only)		SW708	92LSWiCHT1663T	J	Switch,Key Type	A C
CNP902	QCNCM742BAFZZ	J	Plug,2Pin	A A	SW709	92LSWiCHT1663T	J	Switch,Key Type	A C
CNP951	QCNCM742DAFZZ	J	Plug,4Pin	A A				[CD-Rewind/Tape 2 -Preset Down]	
CNPM1	QCNCM932MAFZZ	J	Plug,11Pin	A E	SW710	92LSWiCHT1663T	J	Switch,Key Type	A C
CNPM2	QCNCM011BAWZZ	J	Pin Header	A C				[Tuning Down]	
CNS1A/B	QCNCM0316AWZZ	J	Connector Ass'y,5-5Pin	A K	SW711	92LSWiCHT1663T	J	Switch,Key Type	A C
CNS2A/B	QCNCM0317AWZZ	J	Connector Ass'y,6-6Pin	A G				[Rec Start]	
CNS3A/B	QCNCM0318AWZZ	J	Connector Ass'y,6-6Pin	A G	SW712	92LSWiCHT1663T	J	Switch,Key Type [CD]	A C
CNS4/5	QCNCM0319AWZZ	J	Connector Ass'y,11-2Pin	A K	SW713	92LSWiCHT1663T	J	Switch,Key Type	A C
CNS7A/B	QCNCM0315AWZZ	J	Connector Ass'y,8-8Pin	A G				[Tuner]	
CNS101	QCNCM0320AWZZ	J	Connector Ass'y,3Pin	A G	SW714	92LSWiCHT1663T	J	Switch,Key Type [Tape]	A C
CNS102	QCNCM0321AWZZ	J	Connector Ass'y,8Pin	A M	SW715	92LSWiCHT1663T	J	Switch,Key Type	A C
CNS103	QCNCW014PAWZZ	J	Connector Ass'y,14Pin	A E				[Power]	
CNS303	QCNCW014KAWZZ	J	Connector Ass'y,10Pin	A D	SW716	92LSWiCHT1663T	J	Switch,Key Type [Stop]	A C
CNS701	QCNCM0503AWZZ	J	Connector Ass'y,5Pin	A E	SW717	92LSWiCHT1663T	J	Switch,Key Type [Play]	A C
			(Serial No.50600001 -507 ×××× Only)		SW718	92LSWiCHT1663T	J	Switch,Key Type	A C
CNS902	QCNCM0545AWZZ	J	Connector Ass'y,2Pin	A D				[Disc Number-1]	
△F921	92LFUSE-T501E	J	Fuse,T500mA L,250V	A D	SW719	92LSWiCHT1663T	J	Switch,Key Type	A C
△F951	92LFUSE-T162-E	J	Fuse,T1.6A L 250V	A D				[Disc Number-2]	
△F952	92LFUSE-T252E	J	Fuse,T2.5A L 250V	A D	SW720	92LSWiCHT1663T	J	Switch,Key Type	A C
FW701	QCNCM0331AWZZ	J	Flat Cable,11Pin	A F				[Disc Number-31]	
FW702,703	QCNCM0325AWZZ	J	Connector Ass'y,9Pin	A F	SW721	92LSWiCHT1663T	J	Switch,Key Type	A C
FW704	QCNCM0323AWZZ	J	Connector Ass'y,3Pin	A D				[Disc Skip]	
FW801	QCNCM0332AWZZ	J	Flat Cable,5Pin	A D	SW722	92LSWiCHT1663T	J	Switch,Key Type	A C
FWM1	QCNCM0328AWZZ	J	Flat Cable,2Pin	A C				[Open/Close]	
FWM2	QCNCM0338AWZZ	J	Flat Cable,2Pin	A D	SW723	92LSWiCHT1663T	J	Switch,Key Type	A C
J801	92LJACKH1759A	J	Jack,Headphones	A F				[Reset]	
LCD701	RV-LX0008AWZZ	J	L C D	A R	△SW901	QSOCE0003AWZZ	J	Switch,Slide Type	A P
LMP701.702	RLMPM0001AWZZ	J	L a m p	A F				[Voltage Selector]	
M1	92LMTR1854CASY	J	Motor with Chassis	A S	SWM1	92LM-SW1676A	J	Switch,Leaf Type	A B
			[Spin]					[T1 CrO ₂]	
M2	92LMTR1854BASY	J	Motor with Gear	A P	SWM2	92LM-SW1676A	J	Switch,Leaf Type	A B
			[Slide]					[T2 CrO ₂]	
M3	92LMTR2037AS1	J	Motor with Worm Pulley	A P	SWM3	92LM-SW1676A	J	Switch,Leaf Type	A B
			[Select]					[Fool Proof]	
M4	92LMTR2037AS2	J	Motor with Gear	A P	SWM4	QSW-F9003AWZZ	J	Switch,Leaf Type	A G
			[Loading]					[F.A.S.]	
MM1	RM0TM0004AWM1	J	Motor with Pulley	A R	SWM5	92LM-SW1658A	J	Switch,Leaf Type [CAM]	A B
			[Tape Motor]		WT701	QCNCW012LAWZZ	J	Socket,11Pin,Wire Trap	A E
PHM1	VHP131535CD-1	J	Photo Interrupter	A G	WT702,703	92LC0NE9P52287	J	Socket,9Pin,Wire Trap	A C
RX735	VHLSPS4201C-1	J	Remote Sensor,LSPS4201C	A N					
SO301	QTANC0202AWZZ	J	Terminal,Antenna	A F					
SO801	QTANA0401AWZZ	J	Terminal,Speaker	A G					
SOLM1	RPLU-0002AWZZ	J	Solenoid Ass'y	A H					
SW1	QSW-P0001AWZZ	J	Switch,Push Type	A E					
			[CD Select]						
SW2	92LSWiCHL1749A	J	Switch,Skelton Type	A D					
			[Open/Close]						
SW3	QSW-F0001AWZZ	J	Switch,Leaf Type	A D					
			[Loading]						
SW4	QSW-F9001AWZZ	J	Switch,Leaf Type	A E					
			[Pickup In]						
SW351	QSW-S0012AWZZ	J	Switch,Slide Type	A E					
			[Span Selector]						
SW701	92LSWiCHT1663T	J	Switch,Key Type	A C					
			[Volume-Up]						
SW702	92LSWiCHT1663T	J	Switch,Key Type	A C					
			[CD-FF/Tape 2 -Preset Up]						
SW703	92LSWiCHT1663T	J	Switch,Key Type	A C					
			[Tuning Up]						

CASSETTE MECHANISM PARTS

1	LCHSM0014AW01	J	Main Chassis Ass'y	A N
2	LPLTP0001AWZZ	J	Plate,Head [Tape 1]	A D
3	LPLTP0002AWZZ	J	Plate,Head [Tape 2]	A D
4	NDAiR0004AW01	J	Take-Up Reel Ass'y	A G
			[Tape 11]	
5	NDAiR0005AW01	J	Take-Up Reel Ass'y	A G
			[Tape 2]	
6	NGERH0024AWZZ	J	Gear,Supply Reel	A B
7	NR0LY0002AWZZ	J	Pinch Roller Ass'y	A F
8	NFLYC0002AWZZ	J	Flywheel Ass'y	A G
			[Tape 1]	
9	NFLYC0003AWZZ	J	Flywheel Ass'y	A H
			[Tape 21]	
10	MLEVP0024AW01	J	JFF/REW Roller Lever Ass'y	A H
11	NGERH0027AWZZ	J	Gear,Cam	A E
12	NGERH0028AWZZ	J	Gear,Flywheel	A B
13	NGERH0030AWZZ	J	Gear,Play Idle	A E
14	NGERH0032AWZZ	J	Gear,FF	A C
15	NPLYB0004AWZZ	J	Sensor,Wing	A B

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REF.NO.	PART NO.	★	DESCRIPTION	CODE	REF.NO.	PART NO.	★	DESCRIPTION	CODE
16	MLEVP0026AWZZ	J	Lever,Trigger	A C	302	NGERH00 12AWZZ	J	Gear,Drive	A C
17	MLEVP0027AWZZ	J	Lever,Lock [T a p e 1]	A C	303	MLEVP0010AWZZ	J	Rail,Guide	A C
18	MLEVP0028AWZZ	J	Lever,Eject Obstruct [Tape 1]	A C	304	NSFTM0002AWFW	J	Shaft,Guide	A E
19	MLEVP0029AWZZ	J	Lever,Eject Obstruct [Tape 21]	A C	305	PCUSG0427AFSC	J	Cushion	A C
20	LHLDS1001AW01	J	Holder,Bearing	A E	1306	RCTRH8147AFZZ	J	Pickup Unit Ass'y	B E
21	PGIDM0007AWZZ	J	Guide,Cassette [T a p e 2]	A C	306- 1			Pickup Unit (Not Replacement Item)	—
22	PGIDM0009AWZZ	J	Guide,Cassette [Tape 1 1]	A C	306- 2	NGERR0043AFZZ	J	Gear,Rack	A C
23	MLEVF0004AWFW	J	Lever,Overstro k [Tape 1]	A B	306- 3	MSPRC0961AFZZ	J	Spring,Rack	A A
24	MLEVF0005AW01	J	Overstro k Lever Ass'y [Tape 21]	A E	701	92L2R6S+6CZ	J	Screw,φ2.6×6mm	A B
25	MLEVF0006AW01	J	Mode Lever Ass'y	A D	702	92L2TTS+5BB	J	Screw,φ2×5mm	A B
26	MLEVF0007AW01	J	Idler Lever Ass'y [Tape 11]	A C	703	92L2S+3PZ	J	Screw,φ2×3mm	A A
27	MLEVF0008AW01	J	Idler Lever Ass'y [Tape 2]	A D	704	92L1R5WC3R8R25	J	Washer,φ1.5×φ3.8×0.25mm	A A
28	LANGT0025AWFW	J	Bracket,Motor	A D	M1	92LMTR1858CASY	J	Motor with Chassis [Spin]	A S
29	LANGT0026AWFW	J	Bracket,Hold	A C	M2	92LMTR1854BASY	J	Motor with Gear [Slide]	A P
30	LANGT0033AWFW	J	Bracket,Switch	A B	SW4	QSW-F9001AWZZ	J	Switch,Push T y p e [Pickup in]	A E
31	MSPRPO005AWFW	J	Spring,Cassette	A B	CABINET PARTS				
32	MSPRC0008AWFJ	J	Spring,Back Tention	A B	201	92LCAB2118AS1	J	Front Panel Ass'y [250X]	A Z
33	MSPRD0031AWFJ	J	Spring,Lock L e v e r [Tape 1]	A B	201	92LCAB2162AS1	J	Front Panel Ass'y [260X]	A X
34	MSPRD0032AWFJ	J	Spring,Mode L e v e r	A B	201- 1			Front Panel (Not Replacement Item)	—
35	MSPRD0033AWFJ	J	Spring,Play Idler Lever	A B	201- 2	HDECQ0024AWSA	J	Panel,CD [260X]	A F
36	MSPRD0034AWFJ	J	Spring,Pinch Roller	A B	201- 2	HDECQ0028AWSA	J	Panel,CD [250X]	A G
37	MSPRD0035AWFJ	J	Spring,Eject Obstruct [Tape 11]	A B	201- 3	HDECQ0046AWSB	J	Panel,LCD [250X]	A M
38	MSPRD0036AWFJ	J	Spring,Pinch Roller	A B	201- 3	HDECQ0047AWSB	J	Panel,LCD [260X]	A K
39	MSPRD0037AWFJ	J	Spring,Overstro k L e v e r	A B	201- 4	92LCUSN1746A	J	Cushion,Leg	A A
40	MSPRD0038AWFJ	J	Spring,Trigger L e v e r	A B	202	GDORF0003AWSA	J	Holder,Cassette,Tape 1 [260X]	A K
41	MSPRD0039AWFJ	J	Spring,FF/REW L e v e r	A B	202	GDORF0005AWSA	J	Holder,Cassette,Tape 1 [250X]	A K
42	MSPRD0040AWFJ	J	Spring,Eject Obstruct [Tape 21]	A B	203	HDECQ0026AWSA	J	Panel,Cassette,Tape 1 [260X]	A G
43	NBLTK0009AWZZ	J	Belt,FF/REW	A C	203	HDECQ0030AWSA	J	Panel,Cassette,Tape 1 [250X]	A G
44	NBLTK0011AWZZ	J	Belt,Main [T a p e 1]	A C	204	MSPRD0041AWFJ	J	Spring,Cassette U p Tape 1	A B
45	NBLTK0012AWZZ	J	Belt,Main [T a p e 2]	A B	205	GDORF0004AWSA	J	Holder,Cassette,Tape 2 [260X]	A L
52	MLEVP0982AF00	J	Lever,Lock [T a p e 2]	A A	205	GDORF0006AWSA	J	Holder,Cassette,Tape 2 [250X]	A K
53	MSPRD1290AFFJ	J	Spring,Lock L e v e r [Tape 21]	A A	206	HDECQ0027AWSA	J	Panel,Cassette,Tape 2 [260X]	A G
54	92LM-CSPR1676C	J	Spring,Solenoid	A A	206	HDECQ003 1AWSA	J	Panel,Cassette,Tape 2 [250X]	A G
55	92LMRPH1746A	J	Head,Record/Playback	A M	207	MSPRD0042AWFJ	J	Spring,Cassette U p Tape 2	A B
56	92LM-EH1658A	J	Head,Erase	A G	208	92LDAMPER1651A	J	Damper	A D
57	92LM-REL1676B	J	Cap,Supply R e e l	A B	209	JKNBZ0078AWSA	J	Button,Disc Skip/Open/ Close [260X]	A D
58	92LM-CSPR1676B	J	Spring,Supply C a p	A A	209	JKNBZ0081AWSA	J	Button,Disc [250X]	A E
501	LX-BZ0012AWFD	J	Screw,φ2.6×5mm	A A	210	JKNBZ0077AWSB	J	Button,Volume/Function [260X]	A F
502	XHBSD20P04000	J	Screw,φ2×4mm	A A	210	JKNBZ0082AWSB	J	Button,Volume Up/Function [250X]	A G
503	XHBSD20P05000	J	Screw,φ2×5mm	A A	211	JKNBZ0083AWSA	J	Button,Volume D o w n [250X Only]	A D
504	LX-WZ9064AFZZ	J	Washer,φ1.5×φ3.8×0.5mm	A A	212	JKNBZ0079AWSA	J	Button,CD/Tape	A K
505	XWSD22-03000	J	Washer,φ2.2×0.3mm	A A	213	JKNBZ0076AWSA	J	Button,Power [260X]	A D
506	LX-BZ0004AWFD	J	Screw,φ2.6mm Lock L e v e r	A C	213	JKNBZ0080AWSA	J	Button,Power [250X]	A E
508	XWHJZ23-02034	J	Washer,φ2.3×φ3.4×0.25mm	A A	214	92LCAB2071BS1	J	Top Cabinet Ass'y	A X
510	LX-WZ9230AFZZ	J	Washer,φ1.8×φ4×0.5mm	A A	214- 1			Top Cabinet (Not Replacement Item)	—
MM1	RMOTM0004AWM1	J	Motor with Pulley [Tape]	A R	214- 2	HDECQ0039AWSA	J	Panel,Top Cabinet	A S
SOLM1	RPLU-0002AWZZ	J	Solenoid Ass'y	A H	216	LANGF0013AWFW	J	Bracket,Top Cabinet Support	A F
SWM1	92LM-SW1676A	J	Switch,Leaf Type [T1 CrO ₂]	A B					
SWM2	92LM-SW1676A	J	Switch,Leaf Type [T2 CrO ₂]	A B					
SWM3	92LM-SW1676A	J	Switch,Leaf Type [Fool Proof]	A B					
SWM4	QSW-F9003AWZZ	J	Switch,Leaf T y p e [F.A.S.]	A G					
SWM5	92LM-SW1658A	J	Switch,Leaf Type [CAM]	A B					
CD MECHANISM PARTS									
301	NGERH0011AWZZ	J	Gear,Middle	A C					

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REF.NO.	PART NO.	★	DESCRIPTION	CODE	REF.NO.	PART NO.	★	DESCRIPTION	CODE
217	Gi TAR0041AWSA	J	Back Board [250X]	A K	620	XEBSD20P08000	J	Screw,φ2×8mm	A A
217	Gi TAR0077AWSA	J	Back Board [260X]	A K	621	LX-TZ0019AFZZ	J	Screw,Special	A B
218	GC0VA1034AWSA	J	Cover,CD Tray Cover [260X Only]	A K	622	LX-EZ0005AWFD	J	Screw,φ2.6×10mm	A A
219	92LCLMP1810A	J	Wire Holder	A C	623	XJSSD30P10000	J	Screw,φ3×10mm	A A
220	Gi TAS0009AWSA	J	Side Panel,Right	A L	624	LX-HZ0210AFFD	J	Screw,φ3×10mm	A A
221	Gi TAS0008AWSA	J	Side Panel,Left	A M	625	XHBSD30P06000	J	Screw,φ3×6mm	A A
222	GC0VA1032AWSA	J	Cover,CD T r a y [260X]	A L	626	LX-JZ0010AFFD	J	Screw,φ3×10mm	A A
222	GC0VA1033AWSA	J	Cover,CD T r a y [250X]	A K	627	XEBSD30P10000	J	Screw,φ3×10mm	A A
223	92LCUSN1746A	J	Cushion,Leg	A A	628	XHBSD30P08000	J	Screw,φ3×8mm	A A
225	NTNT-0006AWSA	J	Turntable	A Q	629	XJBSD30P08000	J	Screw,φ3×8mm	A A
226	LHLDZ1043AWSA	J	Holder,LED	A D	630	XHBSD40P06000	J	Screw,φ4×6mm	A A
227	LHLDZ3003AWFW	J	Holder,LCD	A D	631	XWHFZ35-10080	J	Washer,φ3.5×φ8×1mm (Serial No.506XXXXXX -507X XXXX Only)	A A
228	LCHSZ0005AWZZ	J	Loading Chassis	A T	632	XJBSF30P08000	J	Screw,φ3×8mm	A A
229	GCAB-1027AWSA	J	CD Player Base	A R	ACCESSORIES/PACKING PARTS				
230	92LH0LD2037AS1J	J	Stabilizer Ass'y	A K	QANTL0001AWZZ	J	A M Loop Antenna	A L	
231	NR0LP0004AWZZ	J	Roller,Turntable	A C	SPAKA0046AWZZ	J	Packing Add., Left/Right [260X].	A M	
232	LCHSZ0006AWZZ	J	Chassis,CD Mechanism	A L	SPAKA0051AWZZ	J	Packing Add., Left/Right [250X]	A M	
233	MLEVP0031AWZZ	J	Lever,Shift	A E	SPAKC0254AWZZ	J	Packing Case [250X]	A V	
234	LCHSM0016AWFW	J	Main Chassis	A R	SPAKC0257AWZZ	J	Packing Case [260X]	A V	
235	LHLDZ1044AWSA	J	Cover,Stabilizer Support	A F	SPAKP0013AWZZ	J	Polyethylene Bag,Unit	A C	
237	LHLDZ1045AWZZ	J	CD Player Base Guide, Front	A C	SPAKP0021AWZZ	J	Protection Sheet	A B	
238	LHLDZ1046AWZZ	J	CD Player Base Guide,Rear	A C	TiNSM0010AWZZ	J	Operation Manual [250X]	A Q	
239	MLEVP0032AWZZ	J	Lever,Lock	A E	TiNSZ0097AWZZ	J	Operation Manual [260X]	A Q	
240	MSPRD0044AWFJ	J	Spring,Lock L e v e r	A B	92LBAG1460C	J	Polyethylene Bag, Accessories	A A	
241	NGERH0040AWZZ	J	Gear,Loading	A E	92LF-ANT1535A	J	FM Antenna	A F	
242	NGERH0036AWZZ	J	Gear,Cam	A F	92LPLUG027	J	Adaptor,AC Plug [For Saudi Arabia]	A D	
243	NGERH0037AWZZ	J	Gear,Turntable	A F	92LPLUG155A	J	Adaptor,AC Plug [Except for Saudi Arabia]	A G	
245	NGERW0005AWZZ	J	Gear,Worm W h e e l	A F	RRMCG0022AWSA	J	Remote Control	A X	
246	LHLDZ1050AWZZ	J	Support,Pitch	A B	92LLiD1782A	J	Battery Lid, Remote Control	A Q	
247	NGERH0042AWZZ	J	Gear,Pulley	A G	P.W.B. ASSEMBLY (Not Replacement Item)				
252	NBLTK0014AWZZ	J	Belt,Drive	A C	PWB-A1~5	92LPWB2118MANS	J	Main/Power/Display/ Headphones/Switch (Combined Ass'y) [Austlaria Only]	—
253	PSHEP0004AWSA	J	Sheet,LCD	A D	PWB-B1,2	92LPWB2037CDUS	J	CD Servo/CD Sensor (Combined Ass'y) [Australia Only]	—
8254	QACCA0001AW00	J	AC Power Supply Cord [For Saudi Arabia]	A M	PWB-C	92LPWB2020DEKS	J	Tape Deck [Australia Only]	—
△254	QACCE0001AW00	J	AC Power Supply Cord [Except for Saudi Arabia]	A M	PWB-D	92LPWB2118TUNS	J	Tuner [Australia Only]	—
A254	92LC0RDA1387CJ	J	AC Power Supply Cord [For Australia]	A P	PWB-E	QPWBF0027AWZZ	J	CD Motor (PWB Only) [Australia Only]	A D
△254	92LC0RDT1699A	J	AC Power Supply Cord [For Taiwan]	A L	PWB-F	QPWBF0106AWZZ	J	Tape Mechanism (PWB Only) [Australia Only]	A F
255	92LLUG1746A	J	Lug Terminal	A A	PWB-G	92LPWB2037CNTS	J	S u b (Serial No.506XXX XX ~507XXX XX Only) [Australia Only]	—
A256	92LFH0LD1810AT	J	Fuse Holder	A A					
258	LBSHC0002AWZZ	J	Bushing,AC P o w e r Supply Cord	A D					
259	92LN-BAND1318A	J	Nylon Band,80mm	A A					
260	TSPC-0263AWZZ	J	Label,Specifications	A E					
263	LANGT0031AWFW	J	Bracket,Deck P W B	A D					
264	LANGT0032AWFW	J	Bracket,Tuner P W B	A D					
265	PRDAR0030AWFW	J	Heat Sink	A M					
266	LANGK0026AWFW	J	Bracket,PWB Support (Serial No.506XXXXXX -507X XXXX Only)	A C					
269	LHLDZ1046AWZZ	J	Holder	A C					
601	XEBSD30P08000	J	Screw,φ3×8mm	A A					
602	LX-JZ0003AWFF	J	Screw,φ3×12mm	A A					
603	XJBSD30P10000	J	Screw,φ3×10mm	A A					
604	XJBSF30P12000	J	Screw,φ3×12mm	A A					
605	XHBSF30P10000	J	Screw,φ3×10mm	A A					
606	LX-JZ0022AFFD	J	Screw,φ3×8mm	A A					
608	XHBSD30P08000	J	Screw,φ3×8mm (Serial No.506XXX XX -507X XXXX Only)	A A					
616	LX-EZ0010AWFD	J	Screw,Special	A A					
618	XEBSD26P12000	J	Screw,φ2.6×12mm	A A					
619	XBPSD26P05JS0	J	Screw.φ2.6×5mm	A A					

REF.NO.	PART NO.	★	DESCRIPTION	CODE
CP-C250				
SPEAKER BOX PARTS				
901	92LPNTA1C250L	J	Net Frame Ass'y,Left	A Q
901	92LPNTA1C250R	J	Net Frame Ass'y,Right	A Q
902	92LPFPL1C250L	J	Front Panel,Left	A R
902	92LPFPL1C250R	J	Front Panel,Right	A R
903	92LWSPB2C250L	J	Speaker Box Ass'y,Left	A Y
903	92LWSPB2C250R	J	Speaker Box Ass'y,Right	A Y
904	92LBADGE1692A	J	Badge,SHARP	A C
905	92LCPDC8C250	J	Port Cushion	A D
906	92LPCAT1XL12	J	Catch Holder	A C
908	92LEC5R3C250	J	Speaker Cord	A K
909	92LPRLB7C250	J	Label,Specifications	A C
911	92L04010056	J	Screw, $\phi 3 \times 13$ mm	A C
C1,2	92LEC5A3C250	J	Capacitor,15 μ F,100V, Electrolytic,Non-Polar	A N
SP1,2	VSP0050TBE56A	J	Tweeter	A S
SP3,4	VSP0012WBD28A	J	Woofers	A Y
PACKINGPARTS				
	92LPADD9C250B	J	Packing Add.,Bottom	A K
	92LPADD9C250T	J	Packing Add.,Top	A K
	92LPCAS9C250BK	J	Packing Case	A P
	92LPLYB9C250	J	Polyethylene Bag, Speaker	A D

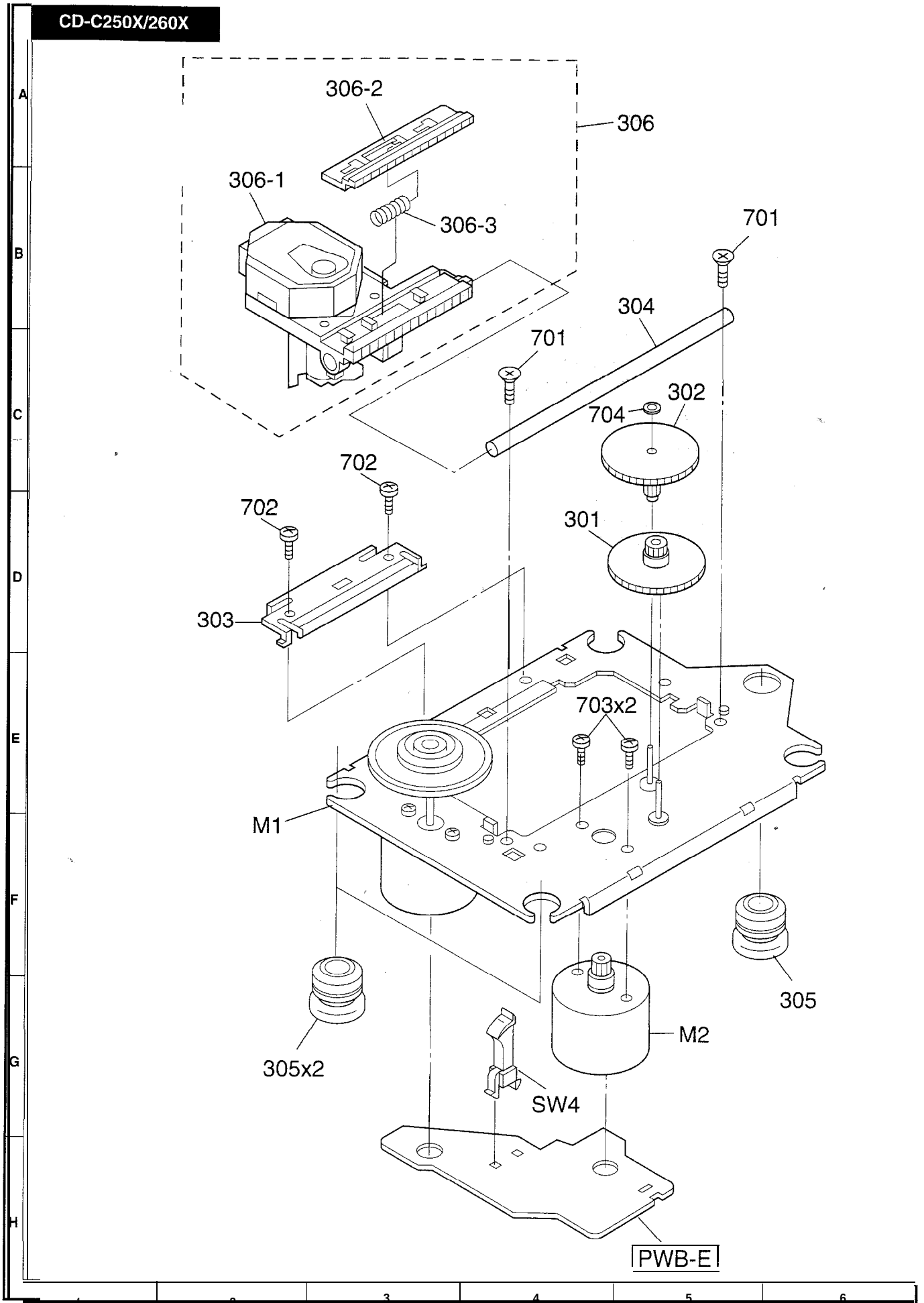


Figure 10 CD MECHANISM EXPLODED VIEW

CD-C250X/260X

TAPE1

TAPE2

BELT CONNECTION

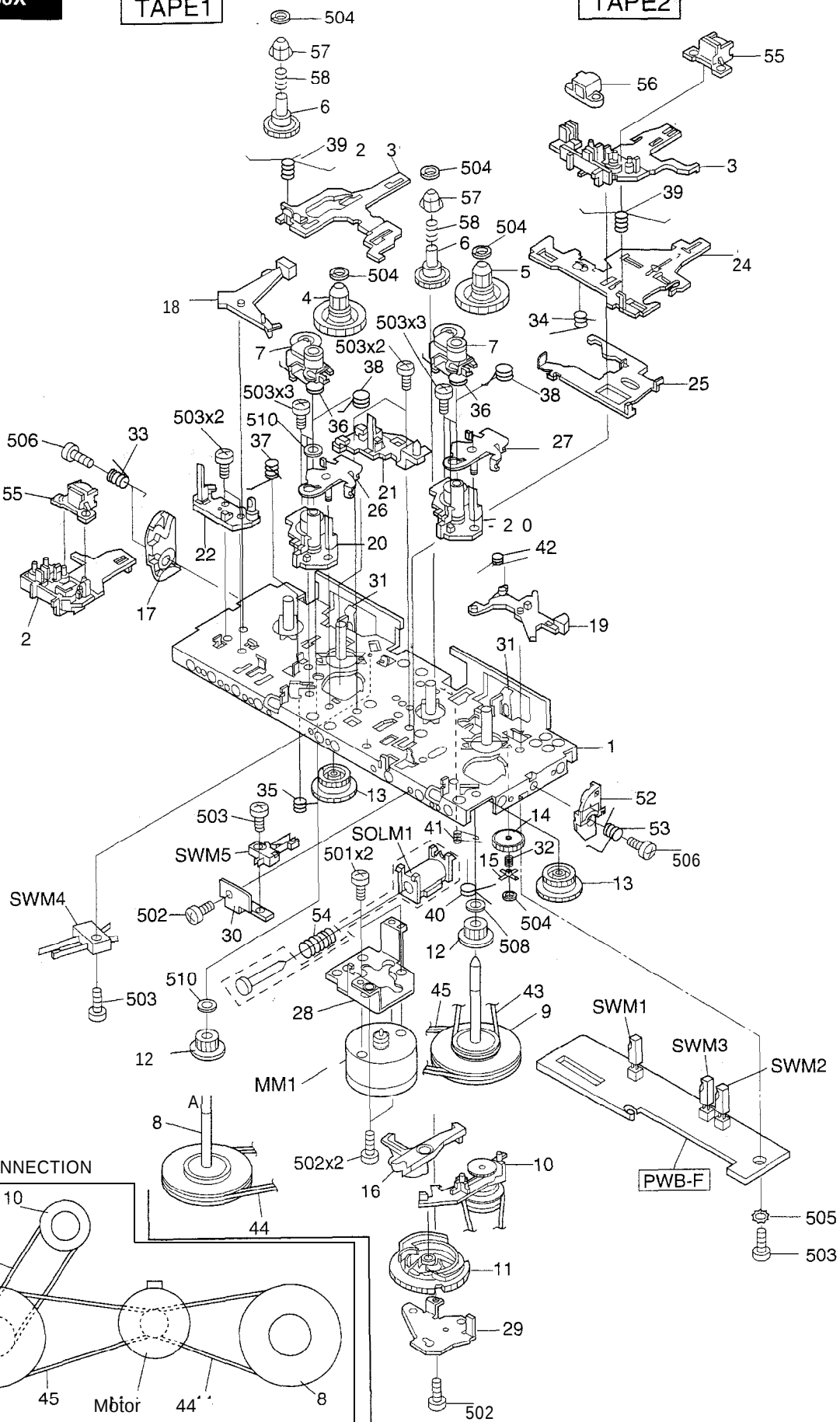
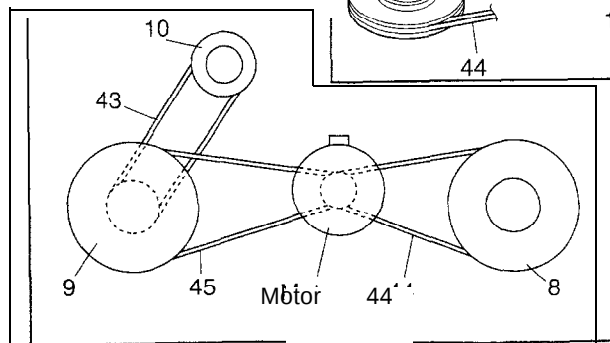


Figure 11 TAPE MECHANISM EXPLODED VIEW

CD-C250X/260X
CP-C250

CD-C250X/260X

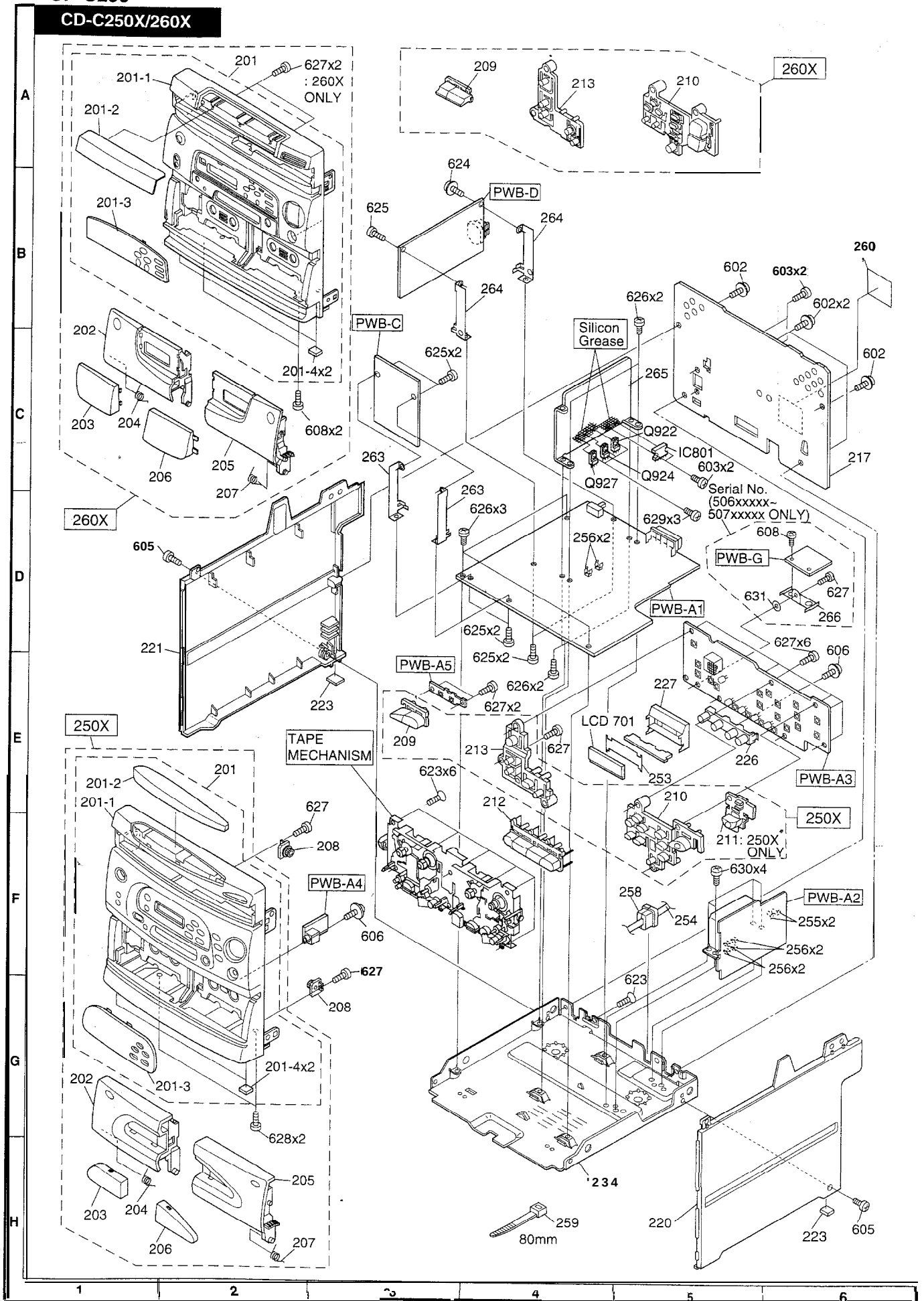


Figure 12 CABINET EXPLODED VIEW (1/2)

CD-C250X/260X

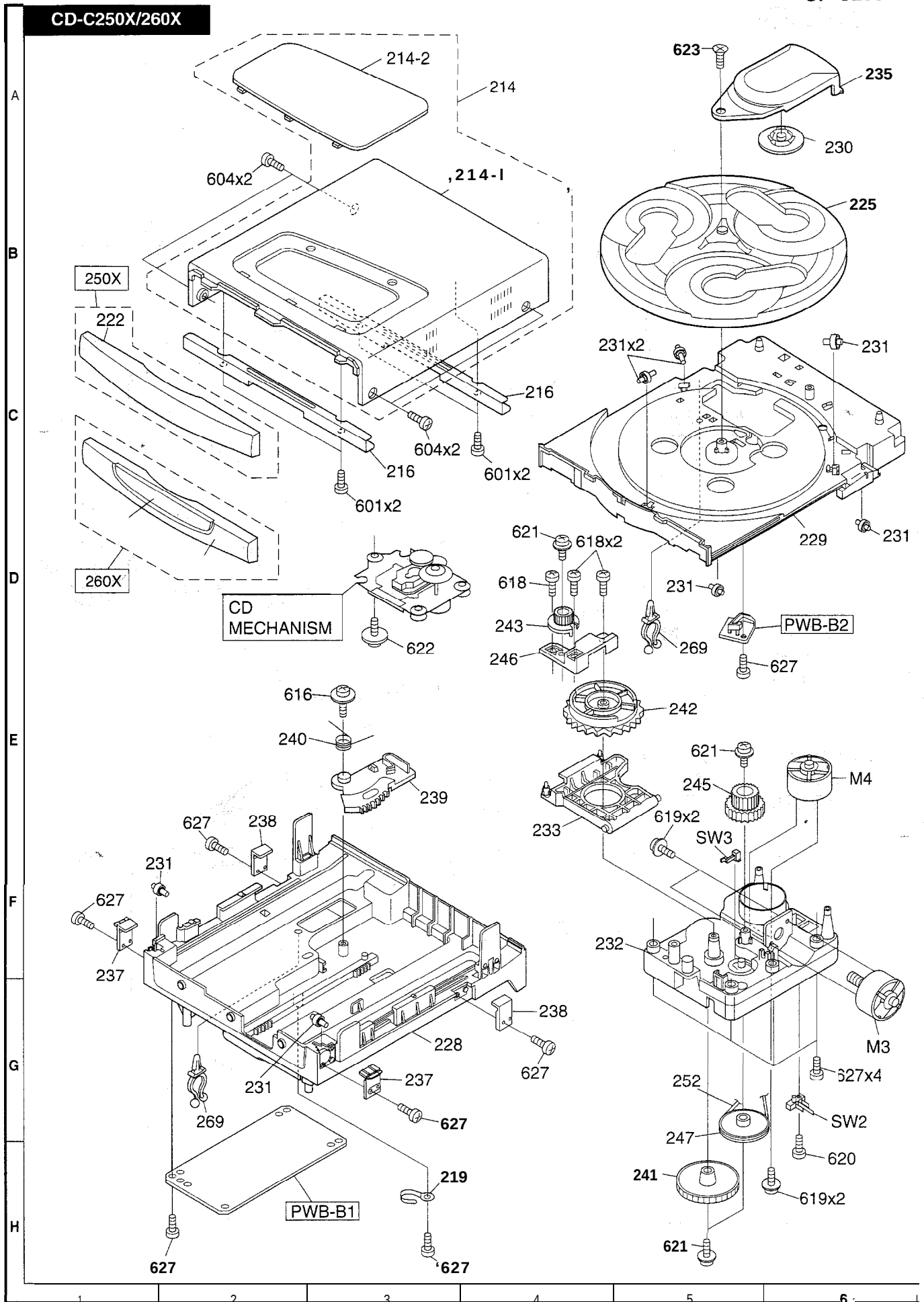


Figure 13 CABINET EXPLODED VIEW (2/2)

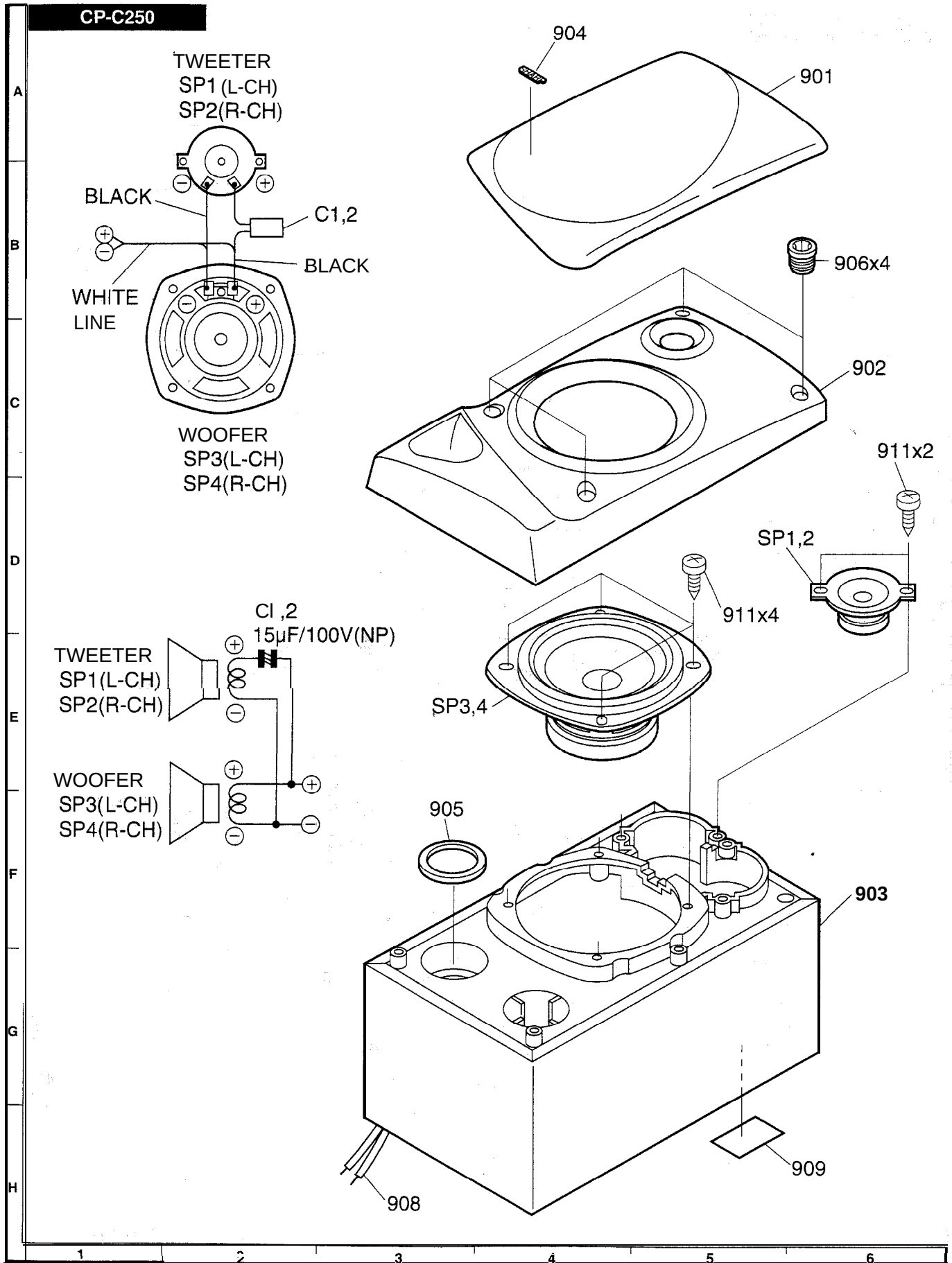


Figure 14 SPEAKER BOX EXPLODED VIEW

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