

SHARP SERVICE MANUAL

No. S6938CDC811W/

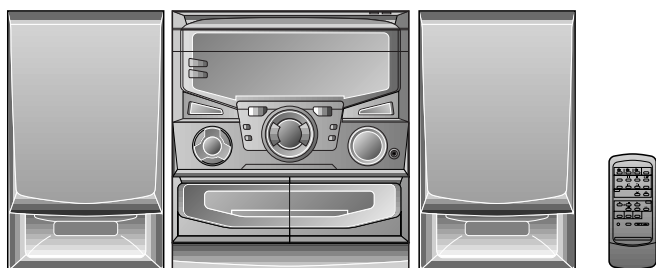


Illustration: CD-C811W

CD-C811W CD-C821W

CD-C811W mini component system consisting of CD-C811W (Main unit), CP-C811W (Front speaker).

CD-C821W mini component system consisting of CD-C821W (Main unit), CP-C821W (Front speaker) and GBOXS0028AWM1 (Surround speaker).

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

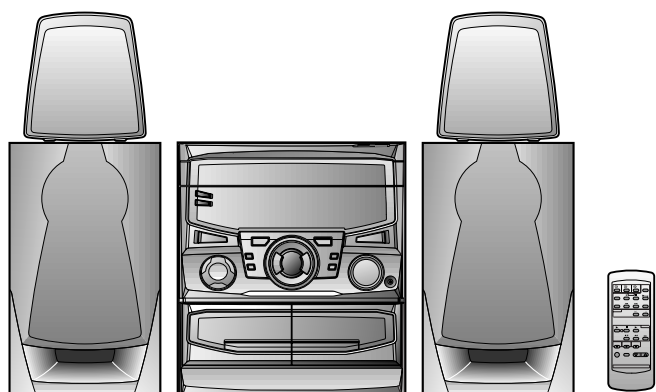


Illustration: CD-C821W

COMPACT
disc
DIGITAL AUDIO

SAVING ENERGY
STAND-BY POWER
CONSUMPTION **0.8w**

DIFFERENCE BETWEEN CD-C811W AND CD-C821W

SECTION	CD-C811W	CD-C821W
Surround Speaker	None	Used

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SAFETY PRECAUTION FOR SERVICE MANUAL

WARNINGS

THE AEL (ACCESSIBLE EMISSION LEVEL) OF THE LASER POWER OUTPUT IS LESS THAN CLASS 1 BUT THE LASER COMPONENT IS CAPABLE OF EMITTING RADIATION EXCEEDING THE LIMIT FOR CLASS 1. THEREFORE IT IS IMPORTANT THAT THE FOLLOWING PRECAUTIONS ARE OBSERVED DURING SERVICING TO PROTECT YOUR EYES AGAINST EXPOSURE TO THE LASER BEAM.

- 1-WHEN THE CABINET IS REMOVED, THE POWER IS TURNED ON WITHOUT A COMPACT DISC IN POSITION AND THE PICK-UP IS ON THE OUTER EDGE THE LASER WILL LIGHT FOR SEVERAL SECONDS TO DETECT A DISC. DO NOT LOOK INTO THE PICK-UP LENS.
- 2-THE LASER POWER OUTPUT OF THE PICK-UP UNIT AND REPLACEMENT SERVICE PARTS ARE ALL FACTORY PRE-SET BEFORE SHIPMENT.
DO NOT ATTEMPT TO RE-ADJUST THE LASER PICK-UP UNIT DURING REPLACEMENT OR SERVICING.
- 3-UNDER NO CIRCUMSTANCES STARE INTO THE PICK-UP LENS AT ANY TIME.
- 4-CAUTION-USE OF CONTROLS OR ADJUSTMENTS, OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

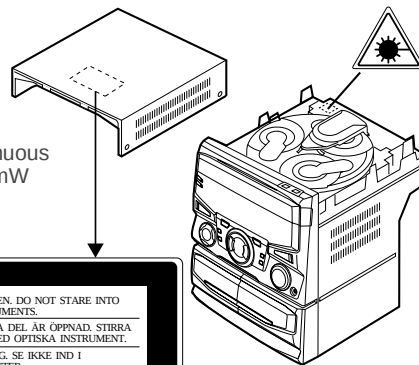
CAUTION

CLASS 1 LASER PRODUCT
APPAREIL À LASER DE CLASSE 1
PRODUCTO LASER DE CLASE 1

- This Mini Component System is classified as a CLASS 1 LASER product.
- The CLASS 1 LASER PRODUCT label is located on the rear cover.
- Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

As the laser beam used in this compact disc player is harmful to the eyes, do not attempt to disassemble the cabinet. Refer servicing to qualified personnel only.

Laser Diode Properties
Material: GaAlAs
Wavelength: 780 nm
Emission Duration: continuous
Laser Output: max. 0.6 mW



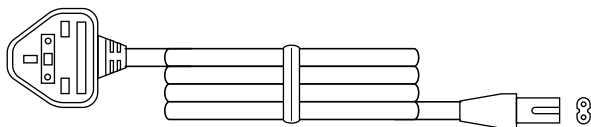
CAUTION: INVISIBLE LASER RADIATION WHEN OPEN. DO NOT STARE INTO BEAM OR VIEW DIRECTLY WITH OPTICAL INSTRUMENTS.
VARNING: OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD. STIRRA EJ IN I STRÅLEN OCH BETRÄKTA EJ STRÅLEN MED OPTISKA INSTRUMENT.
ADVERSEL: OSYNLIG LASERSTRÅLNING VED ÅBNING. SE IKKE IND I STRÅLEN-HELLER IKKE MED OPTISKE INSTRUMENTER.
VARO! AVATTAESSA OLET ALTTIINA NÄKYMÄTTÖMÄLLE LASERSÄTEILYLLE. ÄLÄ KATSO SÄTEESEEN. ÄLÄ TUOTOJA SÄTEESEEN ÄLÄKÄ KATSO SIÄÄ OPTISEN LAITTEEN LÄPI.
VARNING: OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD. STIRRA EJ IN I STRÅLEN OCH BETRÄKTA EJ STRÅLEN GENOM OPTISKT INSTRUMENT.
ADVERSEL: OSYNLIG LASERSTRÅLNING NÄR DEKSEL ÅPNES. STIRR IKKE INN I STRÅLEN ELLER SE DIREKTE MED OPTISKE INSTRUMENTER.

VARO ! Avattaessa ja suojalukitus ohitettaessa olet alttiina näkymättömälle lasersäteilylle. Älä katso säteeseen.
VARNING! Osynlig laserstrålning när denna del är öppnad och spärren är urkopplad. Betrakta ej strålen.

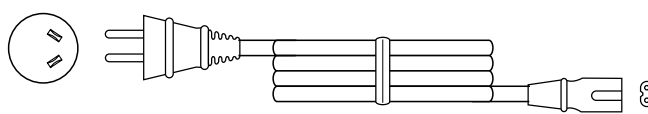
VOLTAGE SELECTION

The voltage selector is located on the AC voltage selector box. If adjustment is necessary, use a screwdriver in order to turn the selector in either direction until the correct voltage figure is displayed in the window next to the adjustment screw.

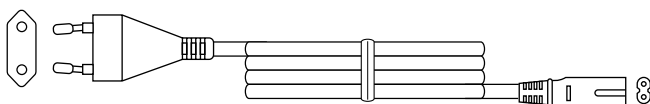
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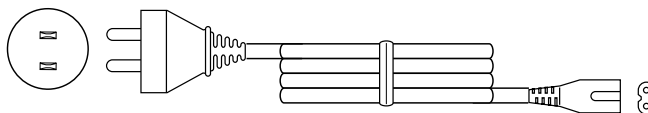
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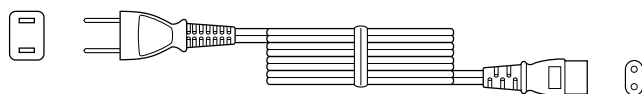
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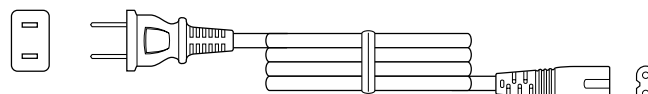
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92LCORDZ1652A



92LCORD577B



92LPLUG027



92LPLUG155A



Figure 2 AC POWER SUPPLY CORD AND AC PLUG ADAPTOR

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

SPECIFICATIONS

CD-C811W/821W

● General (CD-C811W)

Power source: AC 110/127/220/230-240 V,
50/60 Hz

Power consumption: 40 W

Dimensions: Width; 270 mm (10-5/8")
Height; 300 mm (11-13/16")
Depth; 353 mm (13-7/8")

Weight: 5.1 kg (11.2 lbs)

● General (CDC821W)

Power source: AC 110/127/220/230-240 V,
50/60 Hz

Power consumption: 47 W

Dimensions: Width; 270 mm (10-5/8")
Height; 300 mm (11-13/16")
Depth; 353 mm (13-7/8")

Weight: 5.5 kg (12.1 lbs.)

● Amplifier section (CD-C811W)

Output power: MPO; 33 W (16.5 W + 16.5 W)
(10 % T.H.D.)
RMS; 20 W (10 W + 10 W)
(10 % T.H.D.)
RMS; 16 W (8 W + 8 W)
(0.9 % T.H.D.)

Output terminals: Speakers; 8 ohms
Headphones; 16-50 ohms
(recommended; 32 ohms)

● Amplifier section (CDC821W)

Output power: MPO; 60 W (30 W + 30 W)
(10 % T.H.D.)
RMS; 40 W (20 W + 20 W)
(10 % T.H.D.)
RMS; 28 W (14 W + 14 W)
(0.9 % T.H.D.)

Output terminals: Front speakers; 5.4 ohms
Surround speakers; 16 ohms
Headphones; 16-50 ohms
(recommended; 32 ohms)

● Compact disc player section

Type: 3-disc multi-play compact disc player

Signal readout: Non-contact, 3-beam semi-conductor laser pickup

D/A converter: 1-bit D/A converter

Frequency response: 20 - 20,000 Hz

Dynamic range: 90 dB (1 kHz)

● Tuner section

Frequency range: FM; 88-108 MHz
AM; 531 - 1,602 kHz

● Cassette deck section

Type: Compact cassette tape

Frequency response: 50-14,000 Hz (Normal tape)

Motor: DC motor with electronic governor × 1

Signal/noise ratio: 55 dB (TAPE 1, playback)
50 dB (TAPE 2, recording/playback)

Bias and erasure system: AC

Tape speed: 4.76 cm/sec. (1-7/8 ips.)

Wow and flutter: 0.15 % (WRMS)

Heads: TAPE-1: Playback × 1
TAPE-2: Record/playback × 1
Erase × 1

CP-C811W

● Front speaker section

Type: 10 cm (4") full range speaker

Maximum input power: 20 W

Rated input power: 10 W

Impedance: 8 ohms

Dimensions: Width; 180 mm (7-1/8")
Height; 300 mm (11-13/16")
Depth; 204 mm (8-1/16")

Weight: 2.0 kg (4.4 lbs)/each

CP-C821W

● Front speaker section

Type: 2-way type [13 cm (5-1/4") woofer and super tweeter]

Maximum input power: 30 W

Rated input power: 15 W

Impedance: 5.4 ohms

Dimensions: Width; 180 mm (7-1/8")
Height; 300 mm (11-13/16")
Depth; 215 mm (8-7/16")

Weight: 2.0 kg (4.4 lbs.)/each

GBOXS0028AWM1

● Surround speaker section

Type: 8 cm (3-1/4") full-range speaker

Maximum input power: 10 W

Rated input power: 5 W

Impedance: 16 ohms

Dimensions: Width; 170 mm (6-3/4")
Height; 170 mm (6-3/4")
Depth; 88 mm (3-1/2")

Weight: 0.6 kg (1.2 lbs.)/each

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

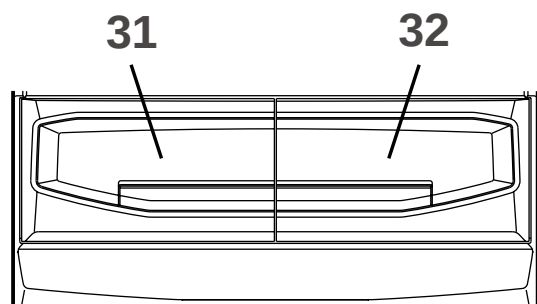
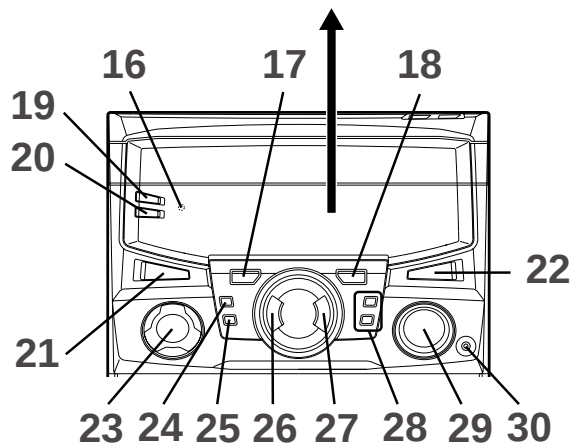
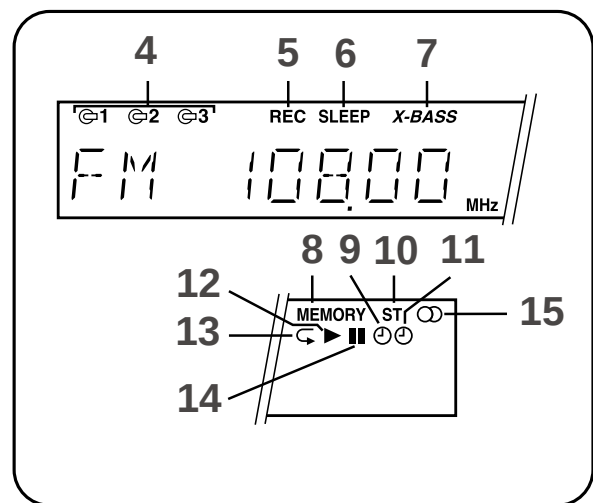
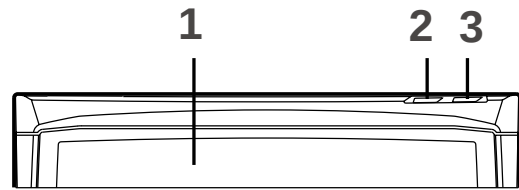
NAMES OF PARTS

CD-C811W/821W

Illustration: CD-C821W

■ Front panel

1. Disc Tray
2. Disc Skip Button
3. Open/Close Button
4. (CD) Disc Number Indicators
5. (TAPE 2) Record Indicator
6. Sleep Indicator
7. Extra Bass Indicator
8. (CD/TUNER) Memory Indicator
9. Timer Play Indicator
10. FM Stereo Mode Indicator
11. Timer Record Indicator
12. (CD) Play Indicator
13. (CD) Repeat Indicator
14. (CD) Pause Indicator
15. FM Stereo Indicator
16. Timer Set Indicator
17. (CD) Track Down/Review Button
(TUNER) Preset Down Button
(TAPE 2) Rewind Button
18. (CD) Track Up/Cue Button
(TUNER) Preset Up Button
(TAPE 2) Fast Forward Button
19. Timer/Sleep Button
20. Clock Button
21. On/Stand-by Button
22. Extra Bass/Demo Mode Button
23. Function Selector Buttons
24. (TAPE 2) Record Pause Button
25. Memory/Set Button
26. (CD/TAPE) Stop Button
27. (TAPE) Play Button
(CD) Play/Repeat Button
28. Tuning and Time Up/Down Buttons
29. Volume Up/Down Buttons
30. Headphone Socket
31. (TAPE 1) Cassette Compartment
32. (TAPE 2) Cassette Compartment



CD-C811W/821W**■ Rear panel**

1. AC Power Input Socket
2. AC Voltage Selector
3. Front Speaker Terminals
4. Surround Speaker Terminals (CD-C821W Only)
5. Span Selector Switch
6. FM 75 Ohms Aerial Terminal
7. Aerial Earth Terminal
8. AM Loop Aerial Terminal

CP-C811W/821W**■ Front speaker**

1. Super Tweeter
2. Woofer
3. Bass Reflex Ducts
4. Speaker Wire

GBOXS0028AWM1**■ Surround speaker (CD-C821W Only)**

5. Full-Range Speaker
6. Speaker Wire

CD-C811W/821W**■ Remote control**

1. Remote Control Transmitter LED

● CD control section

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

● Tuner control section

12. Preset Up/Down Buttons

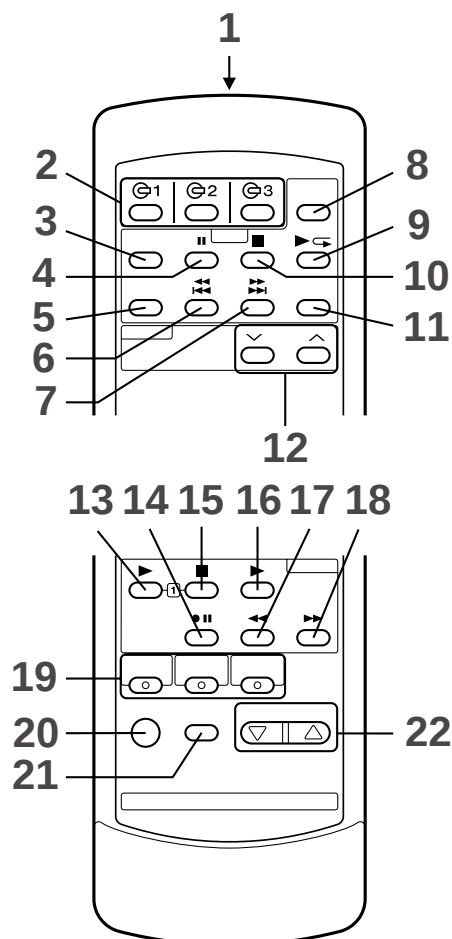
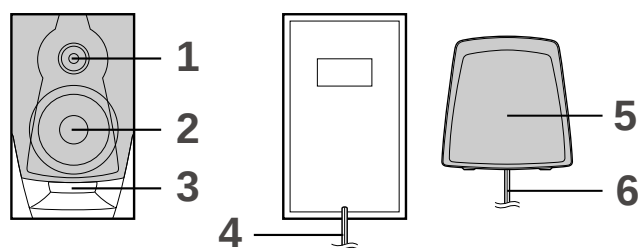
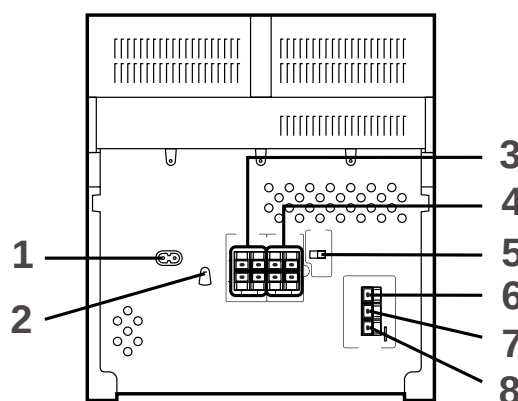
● Tape control section

13. (TAPE 1) Play Button
14. (TAPE 2) Record Pause Button
15. (TAPE 1/2) Stop Button
16. (TAPE 2) Play Button
17. (TAPE 2) Rewind Button
18. (TAPE 2) Fast Forward Button

● Common section

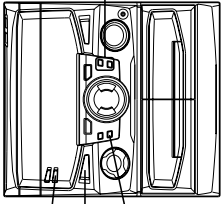
19. Function Selector Buttons
20. On/Stand-by Button
21. Extra Bass Button
22. Volume Up/Down Buttons

Illustration: CD-C821W



(Main unit operation)

In this example, the clock is set for the 24-hour (0:00) system.



2

CLOCK

3

0:00

4

0:00

5

0:00 ↔ AM 12:00 ↔ AM 0:00

6

0:00

7

0:00

8

10:30

9

10:30

- 1

Press the ON/STAND-BY button to enter the stand-by mode.
- 2

Press the CLOCK button.
- 3

Within 5 seconds, press the MEMORY/SET button.
- 4

Press the TUNING/TIME (<^ or >^) button to select the time display mode.
"0:00" → The 24-hour display will appear.
"AM 12:00" → The 12-hour display will appear.
"AM or PM 12:00 - 11:59"
"AM 0:00" → The 12-hour display will appear.
"AM or PM 0:00 - 11:59"
● Note that this can only be set when the unit is first installed or it has been reset (see page 20).
5 Press the MEMORY/SET button.
- 6

Press the TUNING/TIME (<^ or >^) button to adjust the hour.
● Press the TUNING/TIME (<^ or >^) button once to advance the time by 1 hour. Hold it down to advance continuously.
● When the 12-hour display is selected, "AM" will change automatically to "PM".
7 Press the MEMORY/SET button.
- 8

Press the TUNING/TIME (<^ or >^) button to adjust the minutes.
● Press the TUNING/TIME (<^ or >^) button once to advance the time by 1 minute. Hold it down to change the time in 5 minute intervals.
● The hour setting will not advance even if minutes advance from "59" to "00".
9 Press the MEMORY/SET button.
● The clock starts operating from "0" seconds.
(Seconds are not displayed.)
- To see the time display:

Press the CLOCK button.
● The time display will appear for about 5 seconds.

Note:

- The clock display will flash on and off at the push of the CLOCK button when the AC power supply is restored after a power failure occurs or after the AC power lead is disconnected. If this happens, follow the procedure below to change the clock time.

To change the clock time:

- 1

Press the CLOCK button.
- 2

Within 5 seconds, press the MEMORY/SET button.
- 3

Perform steps 6 - 9 above.

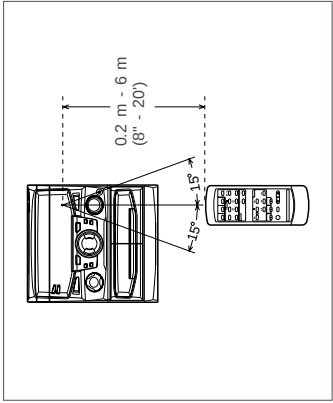
To change the time display mode:

- 1

Perform steps 1 - 2 in the section "RESETTING THE MICRO-COMPUTER", on page 20.
- 2

Perform steps 1 - 9 above.

PREPARATION FOR USE



Remote control

Notes concerning use:

- Replace the batteries if the operating distance is reduced or if the operation becomes erratic.
- Periodically clean the transmitter LED 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 may interfere with operation. Change the lighting or the direction of the unit.
- Keep the remote control away from moisture, excessive heat, shock, and vibrations.

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.

To change the tuning zone:

- 1

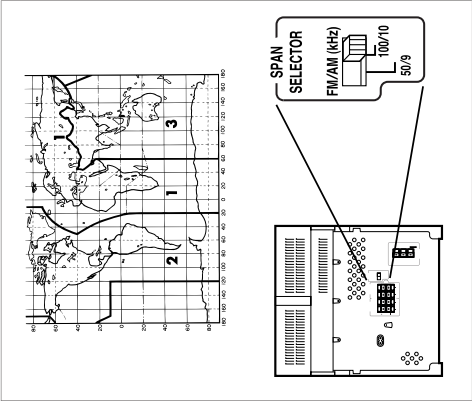
Press the ON/STAND-BY button to enter the stand-by mode.
- 2

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).
- 3

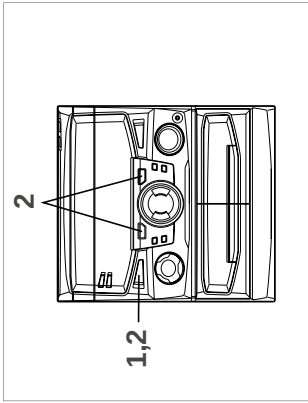
Whilst pressing down the <^> button and the <^> button, hold down the ON/STAND-BY button for at least 1 second.

Caution:

- The operation explained above will erase all data stored in memory including clock and timer settings, and tuner and CD presets.



RESETTING THE MICROCOMPUTER



Reset the microcomputer under the following conditions:

- To erase all of the stored memory contents (clock and timer settings, and tuner and CD presets).
- If the display is not correct.
- If the operation is not correct.

- 1

Press the ON/STAND-BY button to enter the stand-by mode.
- 2

Whilst pressing down the <^> button and the <^> button, hold down the ON/STAND-BY button for at least 1 second.

Caution:

- The operation explained above will erase all data stored in memory including clock and timer settings, and tuner and CD presets.

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 to 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-C811W/821W

STEP	REMOVAL	PROCEDURE	FIGURE
1	Top Cabinet	1. Screw (A1) x4	7-1
2	Side Panel (Left/Right)	1. Screw (B1) x6 2. Hook (B2) x2	7-1
3	CD Play Unit/ CD Player Unit	1. Turn on the power supply, open the disc tray, take out the CD tray cover, and close. (Note 1) 2. Hook (C1) x5 3. Socket (C2) x2	7-2
4	Back Board	1. Screw (D1) x5	7-2
5	Main PWB	1. Screw (E1) x3 2. Socket (E2) x5 3. Flat wire (E3) x3	8-1
6	Tuner PWB	1. Screw (F1) x2	8-1
7	Front Panel	1. Screw (G1) x2	8-1
8	Headphones PWB	1. Screw (H1) x1 2. Guide (H2) x1	8-2
9	Display PWB/ Switch PWB	1. Screw (J1) x8 2. Hook (J2) x7 3. Socket (J3) x1	8-2
10	Tape Mechanism	1. Open the cassette holder. 2. Screw (K1) x6	8-2
11	Turntable	1. Screw (L1) x1 2. Guide (L2) x1	8-3
12	Disc Tray	1. Screw (M1) x2 2. Guide (M2) x2	8-3
13	CD Servo PWB (Note 2)	1. Screw (N1) x1 2. Socket (N2) x4	8-4
14	CD Changer Mechanism	1. Screw (P1) x4	8-5
15	CD Mechanism	1. Screw (Q1) x1	8-5

Note 1:

How to open the change manually.

1. Then, turn fully the lock lever in the arrow direction through the hole on the loading chassis bottom in this state. After that, push forward the CD player base. (Fig. 7-3)

Note 2:

1. After disconnecting the optical pickup connector, wrap the front end of connector in conductive aluminum foil to prevent damage to the optical pickup by static electricity.

CD-C811W/821W

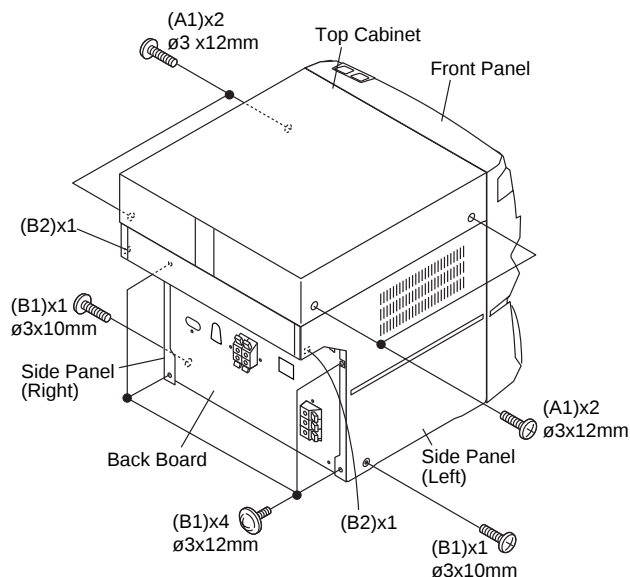


Figure 7-1

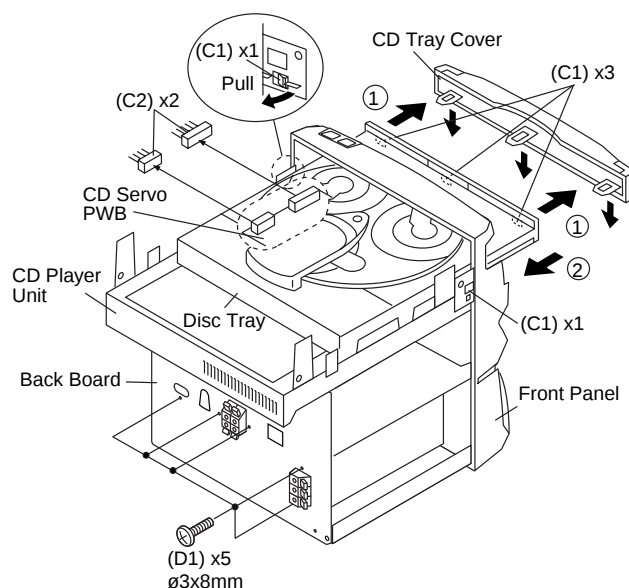


Figure 7-2

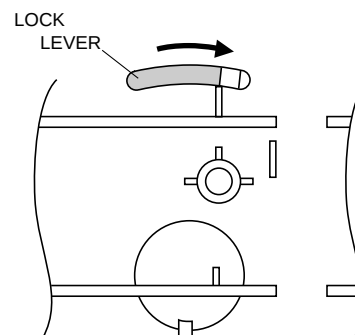


Figure 7-3

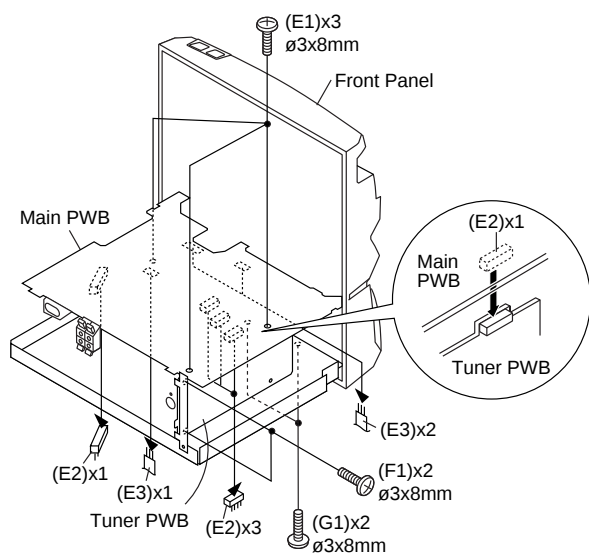


Figure 8-1

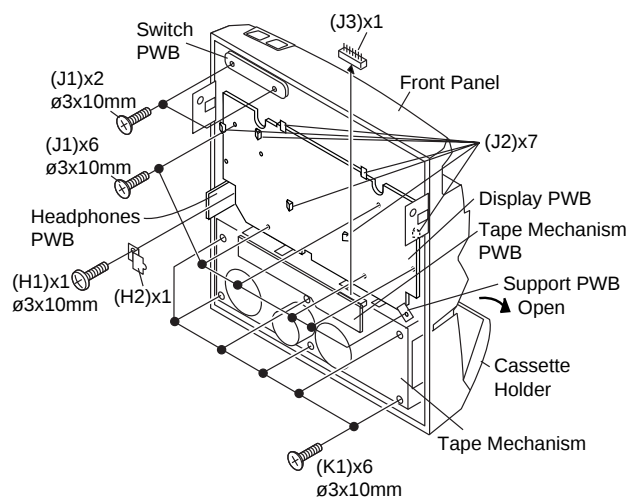


Figure 8-2

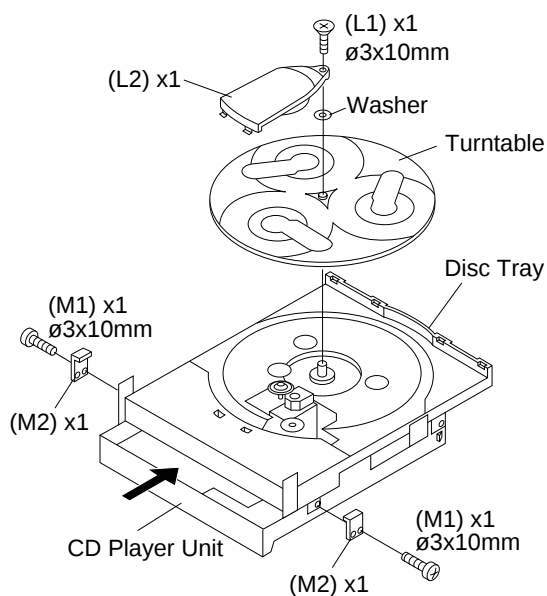


Figure 8-3

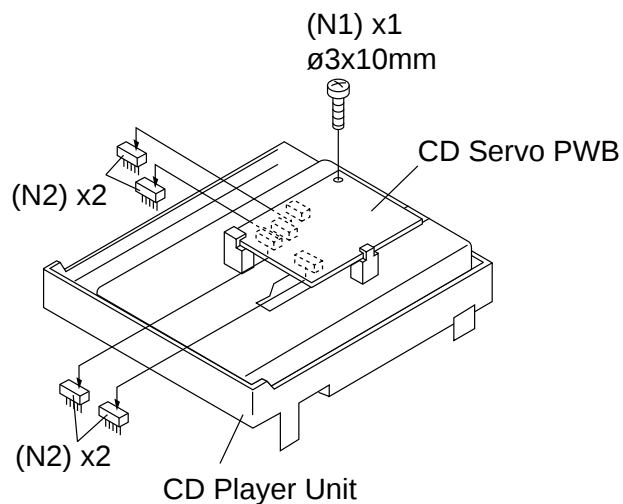


Figure 8-4

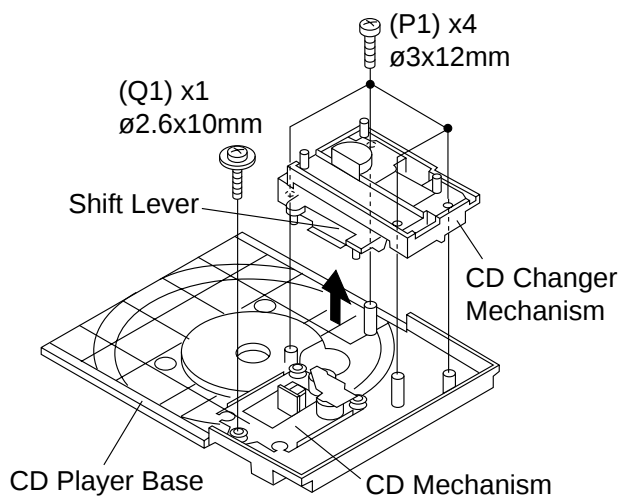


Figure 8-5

Be careful 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-C811W			
STEP	REMOVAL	PROCEDURE	FIGURE
1	Speaker	1. Net Frame (A1) x1 2. Duct Panel (A2) x1 3. Screw (A3) x4	9-1

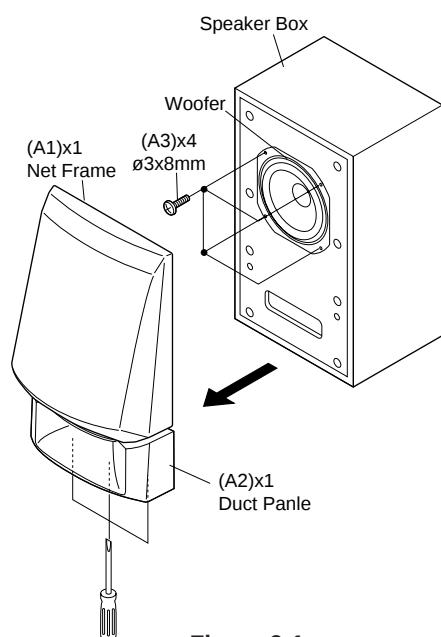


Figure 9-1

CP-C821W			
STEP	REMOVAL	PROCEDURE	FIGURE
1	Speaker	1. Net Frame (B1) x1 2. Duct Panel (B2) x1 3. Screw (B3) x4	9-2

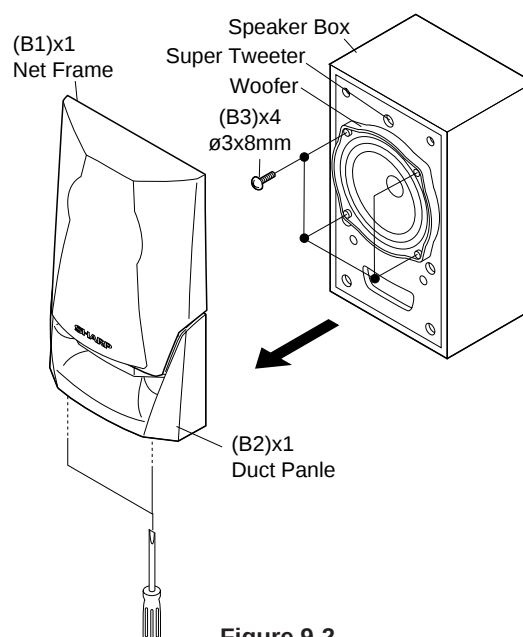


Figure 9-2

REMOVING AND REINSTALLING THE MAIN PARTS

CD MECHANISM SECTION

Perform steps 1, 2, 3, and 11 ~15 of the disassembly method to remove the CD mechanism.

How to remove the turntable up/loading/down motor (See Fig. 9-3)

1. Remove the screws (A1) x 2 pcs., to remove the turntable up/down/loading motor.

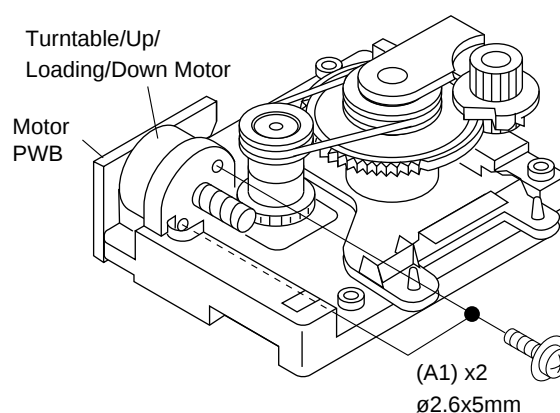


Figure 9-3

How to remove the pickup (See Fig. 9-4)

1. Remove the screws (B1) x 2 pcs., to remove the shaft (B2) x 1 pc.
2. Remove the stop washer (B3) x 1 pc., to remove the gear (B4) x 1 pc.
3. Remove the pickup.

Note:

After disconnecting the optical pickup connector, wrap the front end of connector in conductive aluminum foil to prevent damage to the optical pickup by static electricity.

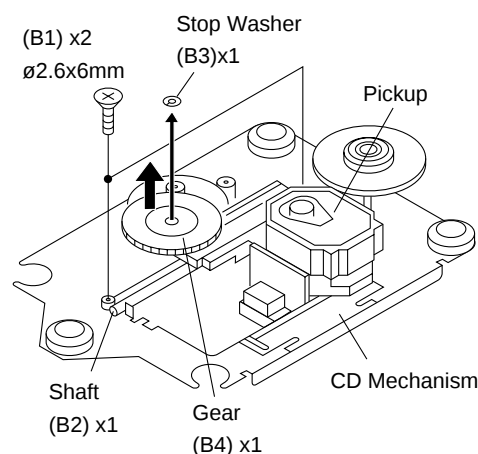


Figure 9-4

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	Variable resistor in motor (MM1)	3,000 ± 30 Hz	Speaker terminal (Load resistance: 8 ohms)

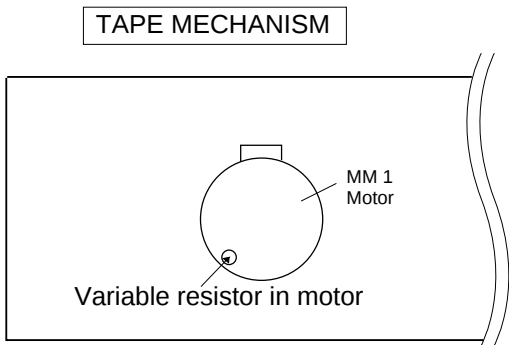


Figure 10-1 ADJUSTMENT POINTS

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	T351	*1
AM Band Coverage	—	531 kHz	(fL): T306 1.1 ± 0.1 V	*2
AM Tracking	990 kHz	990 kHz	(fH): T302	*1

*1. Input: Antenna, Output: TP302

*2. Input: Antenna, Output: TP301

• FM

Notes:

1: Description of the "FM IF Adjustment" is not carried on this Manual. It is because the IF coil in the FM front end section has been best adjusted in the factory so that its further adjustment is not needed at the field. When replacing the FM front end assembly, no adjustment is needed either.

2: The parts in the FM front end section are prepared in a complete unit, so you can't obtain each part individually

• 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: Antenna Output: Speaker Terminal

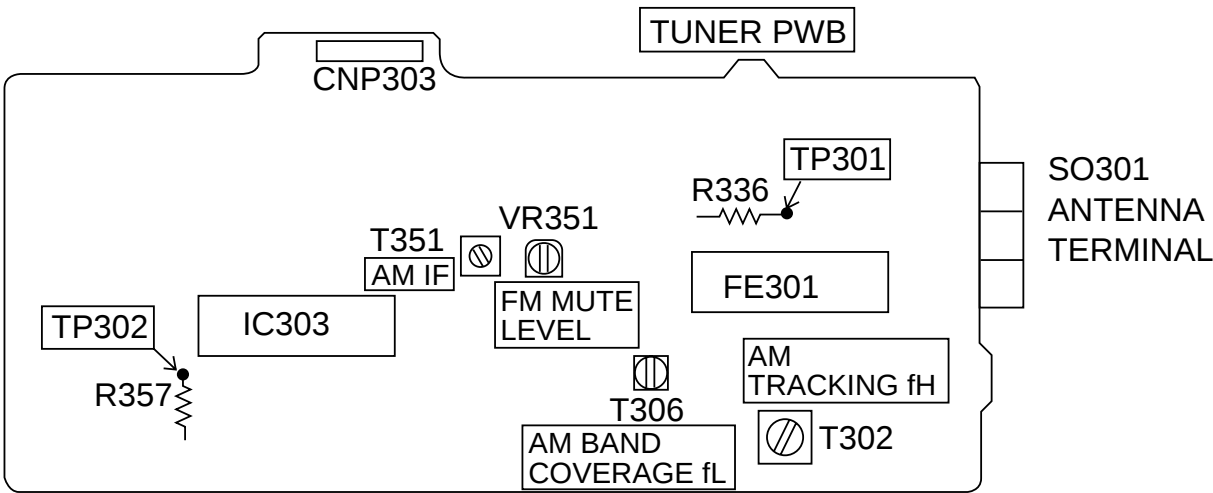


Figure 10-2 ADJUSTMENT POINTS

TEST MODE

• Setting the test mode

Any one of test mode can be set by pressing several keys as follows.

<REC. PAUSE> + <DISC. SKIP> + <POWER> TEST: CD operation test

• TEST mode

Function — CD test mode

Setting of TEST mode

Indication of CD TST mode (Fig. 11-1)

OPEN/CLOSE operation is manual operation.

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

IL is not performed.

<MEMORY>
LASER ON

<MEMORY>
Tracking on the spot.
SERVO OFF PLAY

<MEMORY>
Tracking on the spot.
SERVO ON PLAY

<STOP>
STOP

<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 4

<Disc Number 2> key: Track 9

<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-BAS --- OFF

Canceling method - POWER OFF

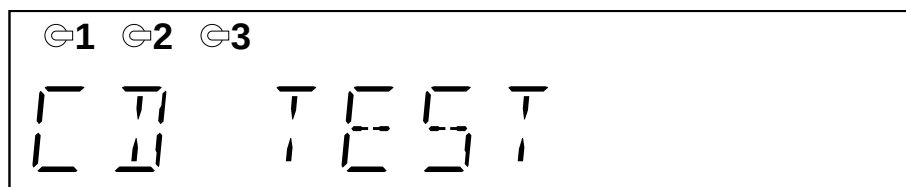


Figure 11-1

CD SECTION

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

Since this CD unit does not need adjustment, the combination of PWB and laser pickup unit is not restricted.

• Automatic adjustment item

1. Focus offset (Fig. 11-2)
2. Tracking offset (Fig. 11-3)
3. E/F balance (tracking error balance) (Fig. 11-4)
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.

CD ERROR CODE DESCRIPTION

When a malfunction occurs during CD operation, an error code will be displayed to identify the function in CD operation which failed.

Error	State Code
0001	Cannot detect pickup-IN SW
0101	Tray close operation error
0105	Tray close operation error
0201	Tray open operation error
0203	Tray open operation error
0304	Disc skip operation error
0305	Disc skip operation error
0307	Disc skip operation error

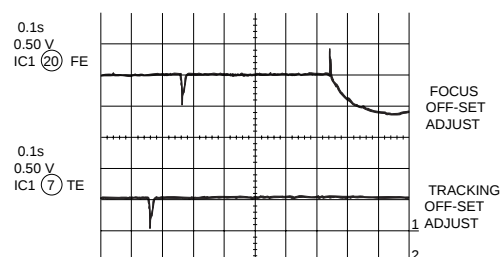


Figure 11-2

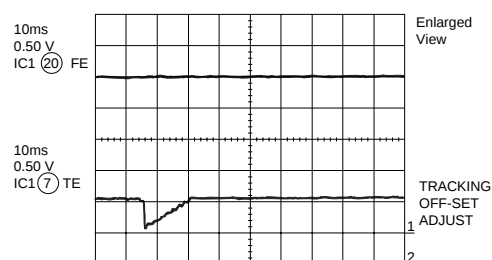


Figure 11-3

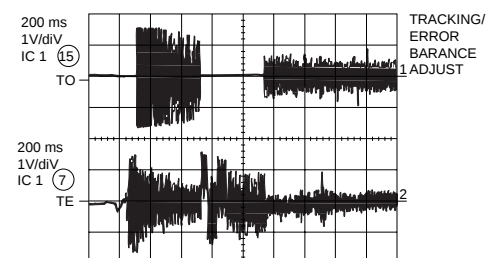


Figure 11-4

NOTES ON SCHEMATIC DIAGRAM

- Resistor:

To differentiate the units of resistors, such symbol as 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 ohm-type resistor. Besides, the one with "Fusible" is a fuse type.

- Capacitor:

To indicate the unit of capacitor, a symbol P is used: this symbol P means micro-micro-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	OPEN/CLOSE	ON—OFF
SW2	MECHA UP	ON—OFF
SW3	DISC NUMBER	ON—OFF
SW4	PICKUP IN	ON—OFF
SW401	SPAN SELECTOR	100/10-50/9
SW701	ON/STAND-BY	ON—OFF
SW702	CLOCK	ON—OFF
SW703	TIMER/SLEEP	ON—OFF
SW707	DISK SKIP	ON—OFF
SW708	OPEN/CLOSE	ON—OFF
SW709	REWIND	ON—OFF
SW710	REC PAUSE	ON—OFF
SW711	MEMORY/SET	ON—OFF
SW712	STOP	ON—OFF
SW714	TAPE	ON—OFF

REF. NO	DESCRIPTION	POSITION
SW715	CD	ON—OFF
SW716	FAST FORWARD	ON—OFF
SW717	TUNING UP	ON—OFF
SW718	TUNING DOWN	ON—OFF
SW719	PLAY	ON—OFF
SW720	VOLUME DOWN	ON—OFF
SW721	VOLUME UP	ON—OFF
SW722	X-BASS/DEMO	ON—OFF
SW902	VOLTAGE SELECTOR	110/127/220/ 230-240V
SWM3	FOOI PROOF	ON—OFF
SWM4	F.A.S.	ON—OFF
SWM5	CAM	ON—OFF

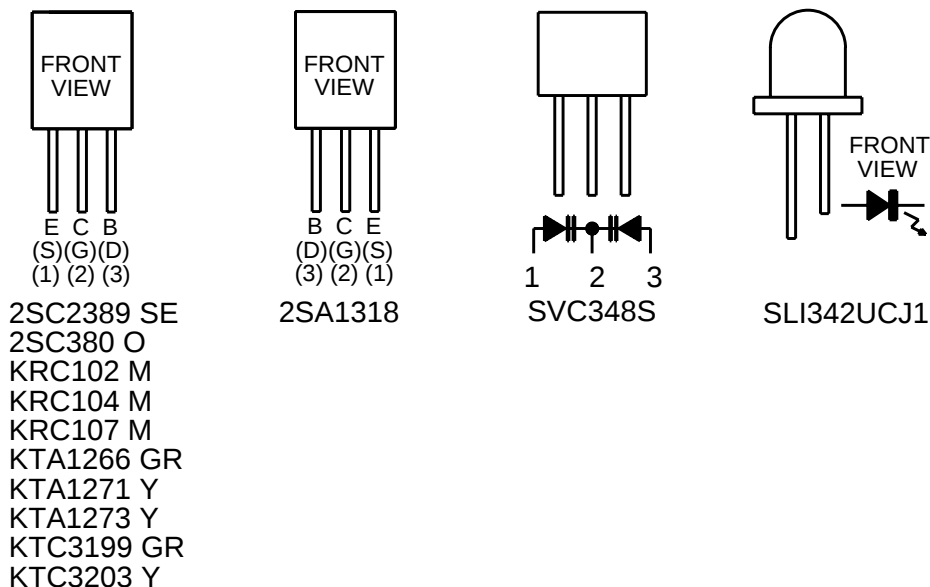


Figure 12 TYPES OF TRANSISTOR AND LED

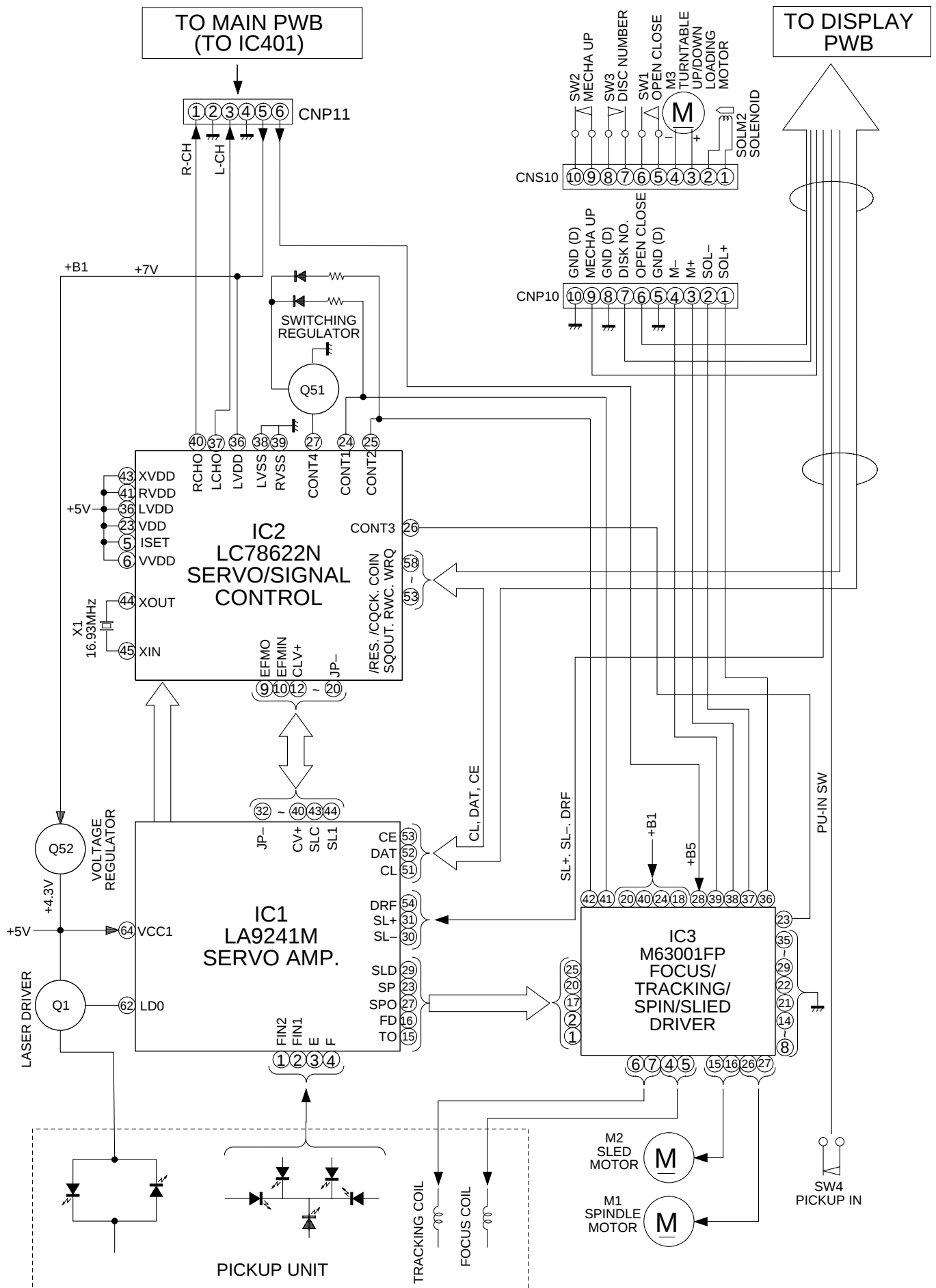


Figure 13 BLOCK DIAGRAM (1/5)

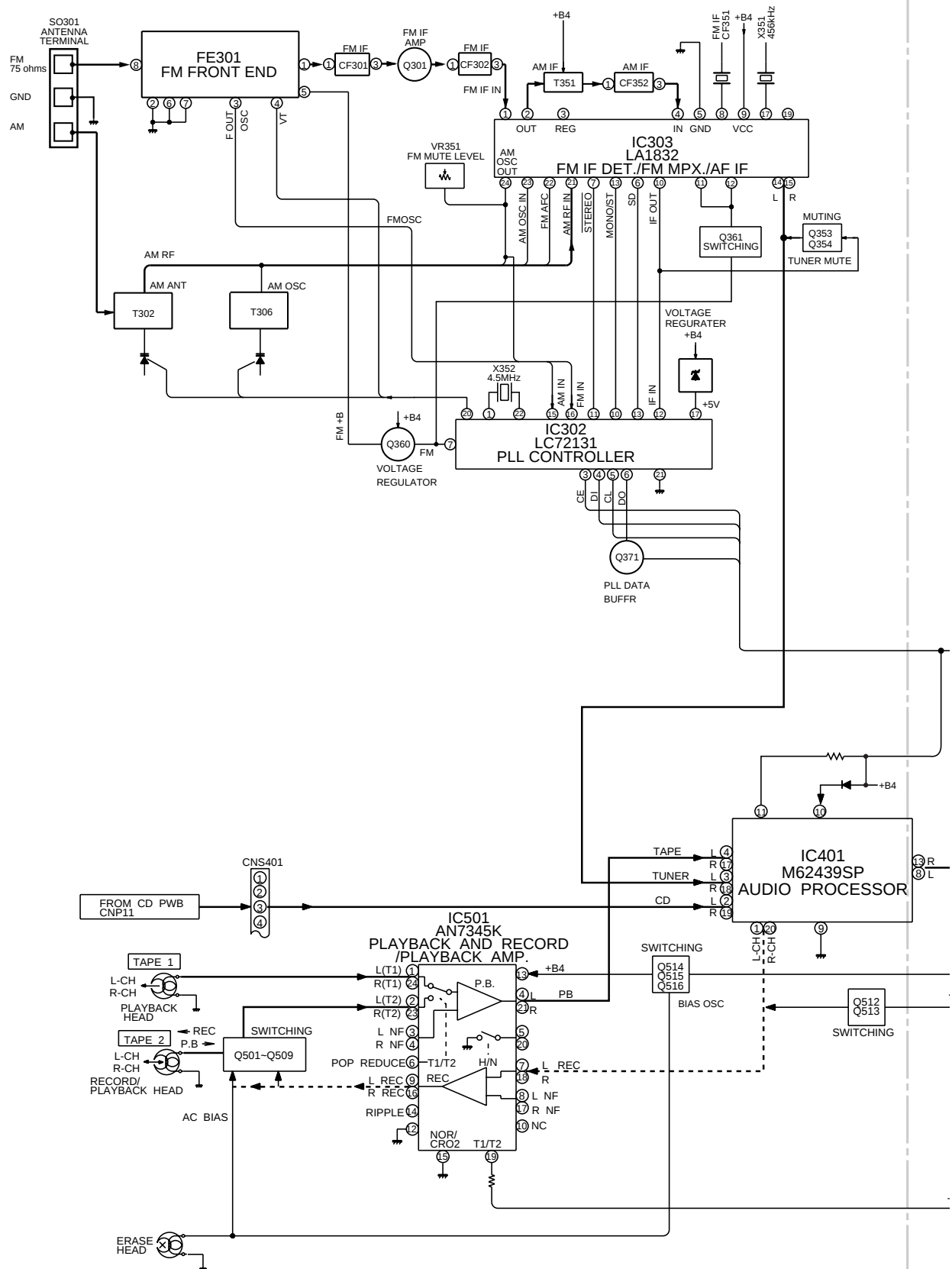


Figure 14 BLOCK DIAGRAM (2/5)

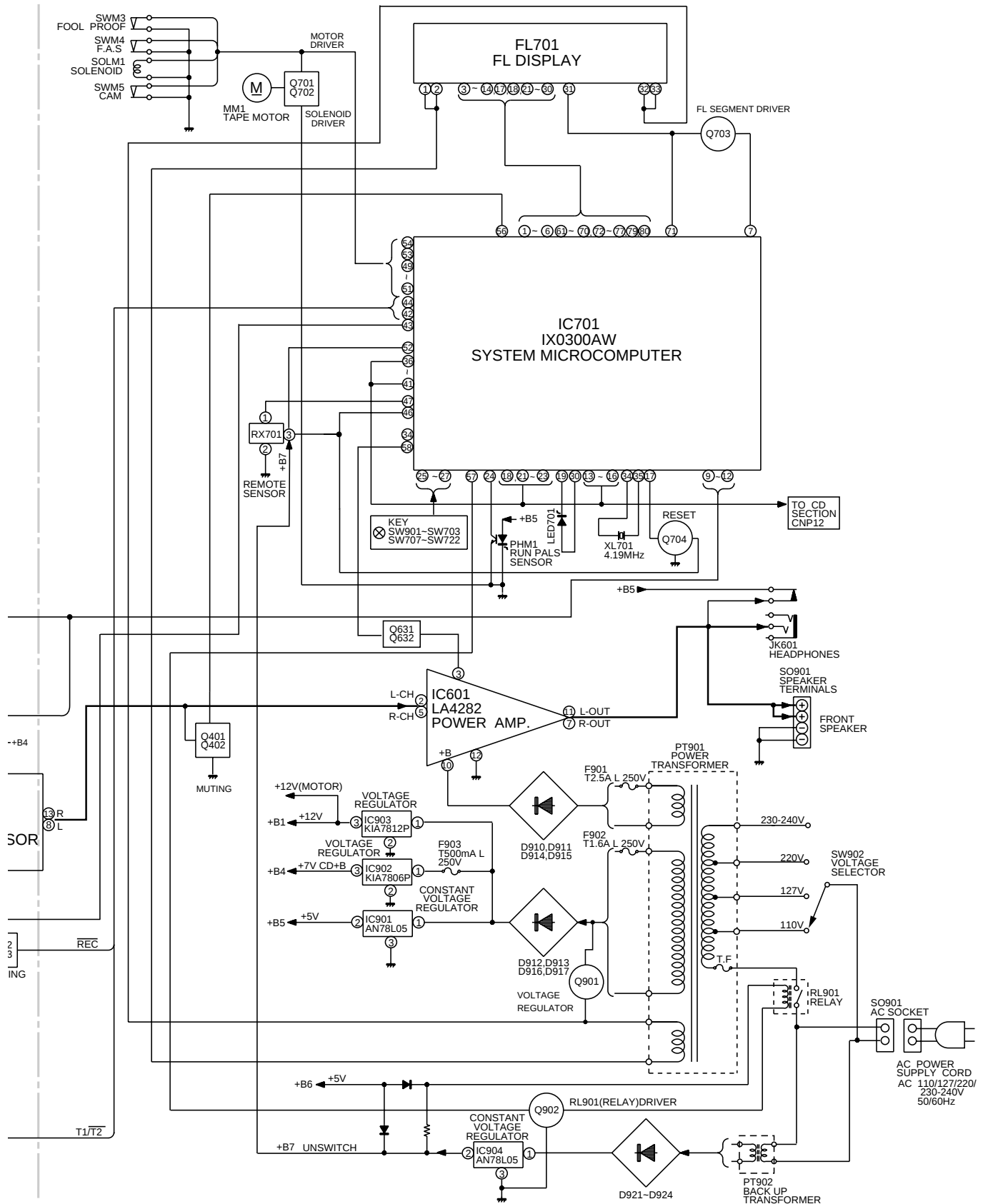


Figure 15 BLOCK DIAGRAM (3/5)

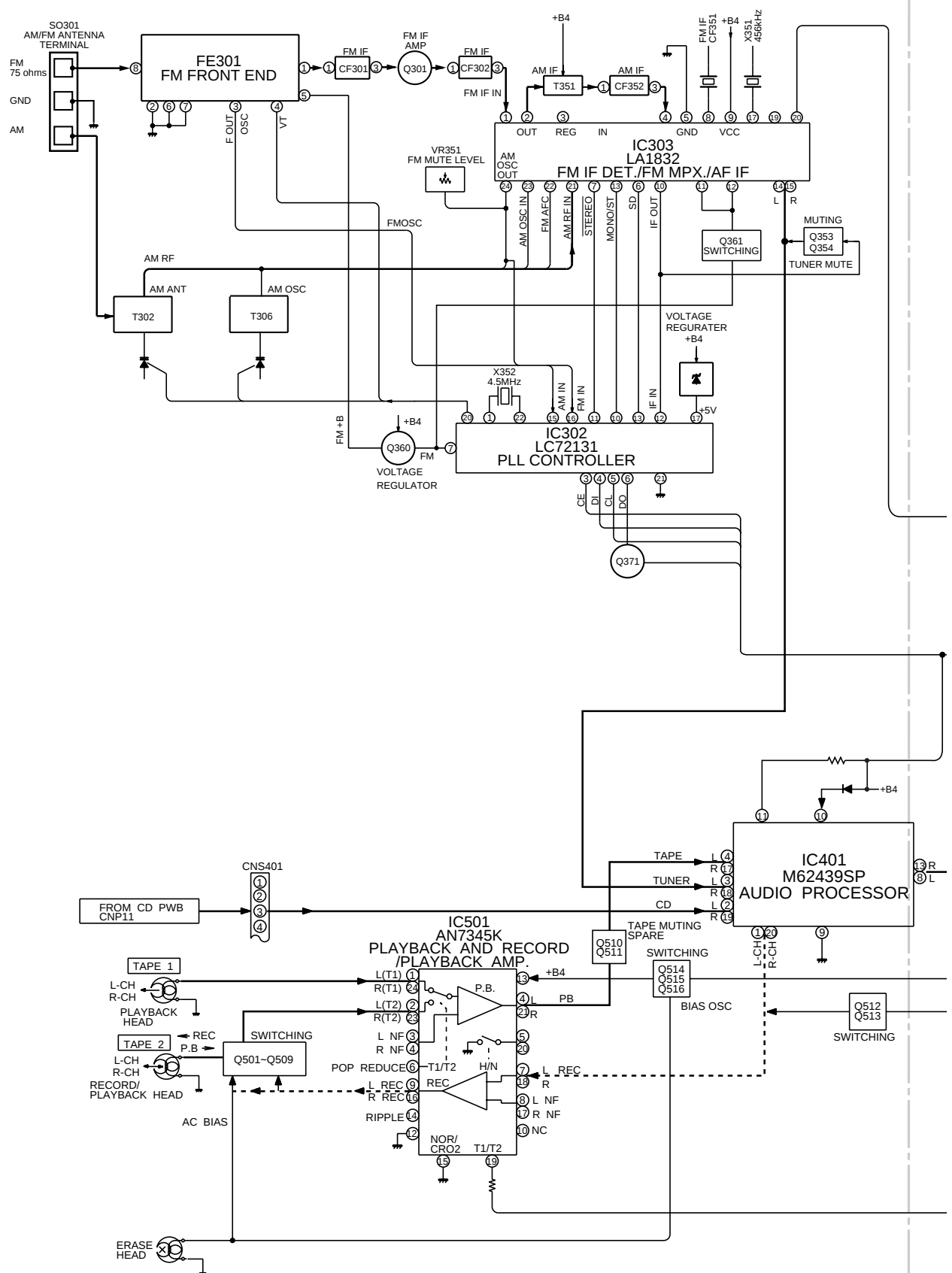


Figure 16 BLOCK DIAGRAM (4/5)

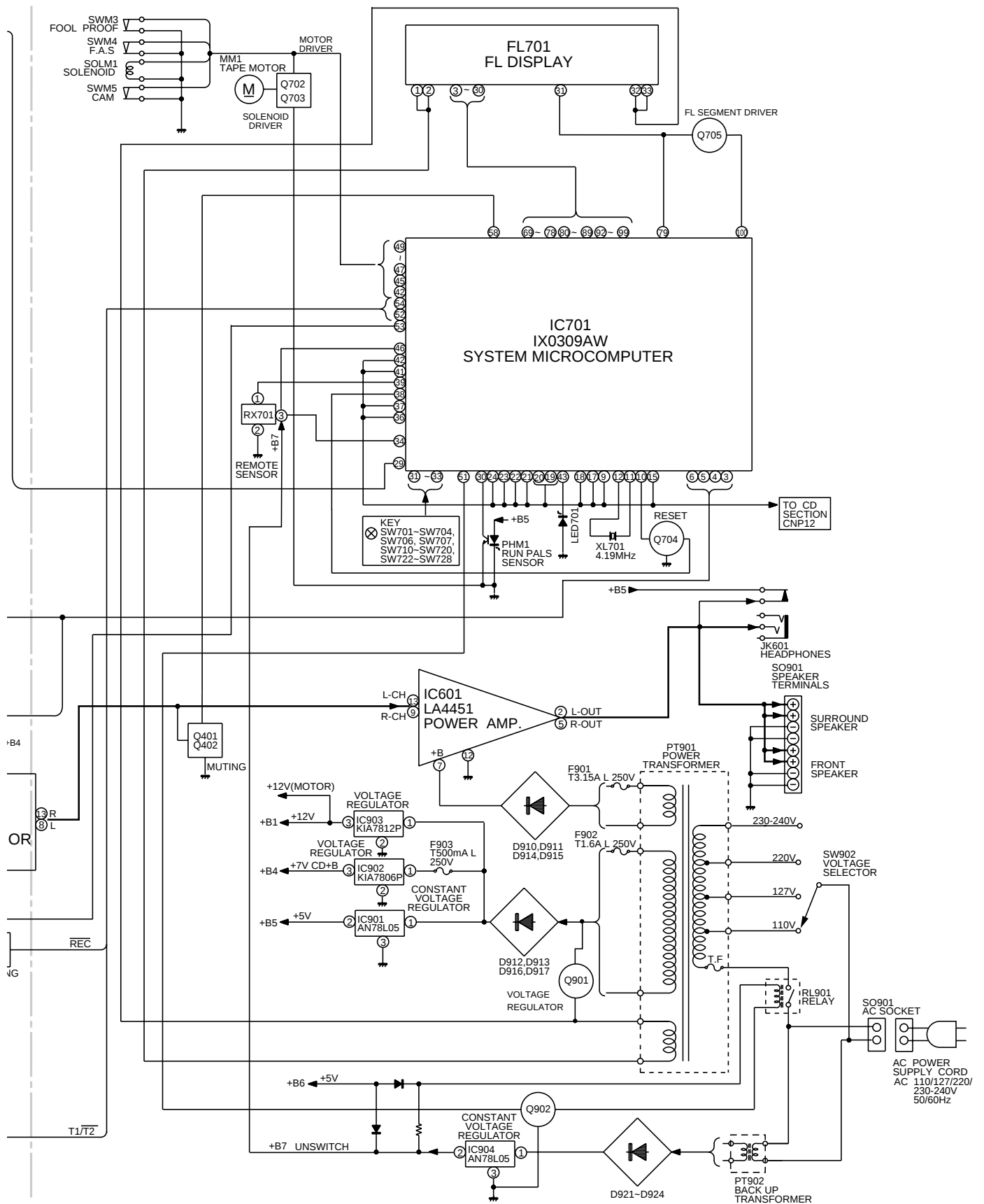


Figure 17 BLOCK DIAGRAM (5/5)

CD-C811W

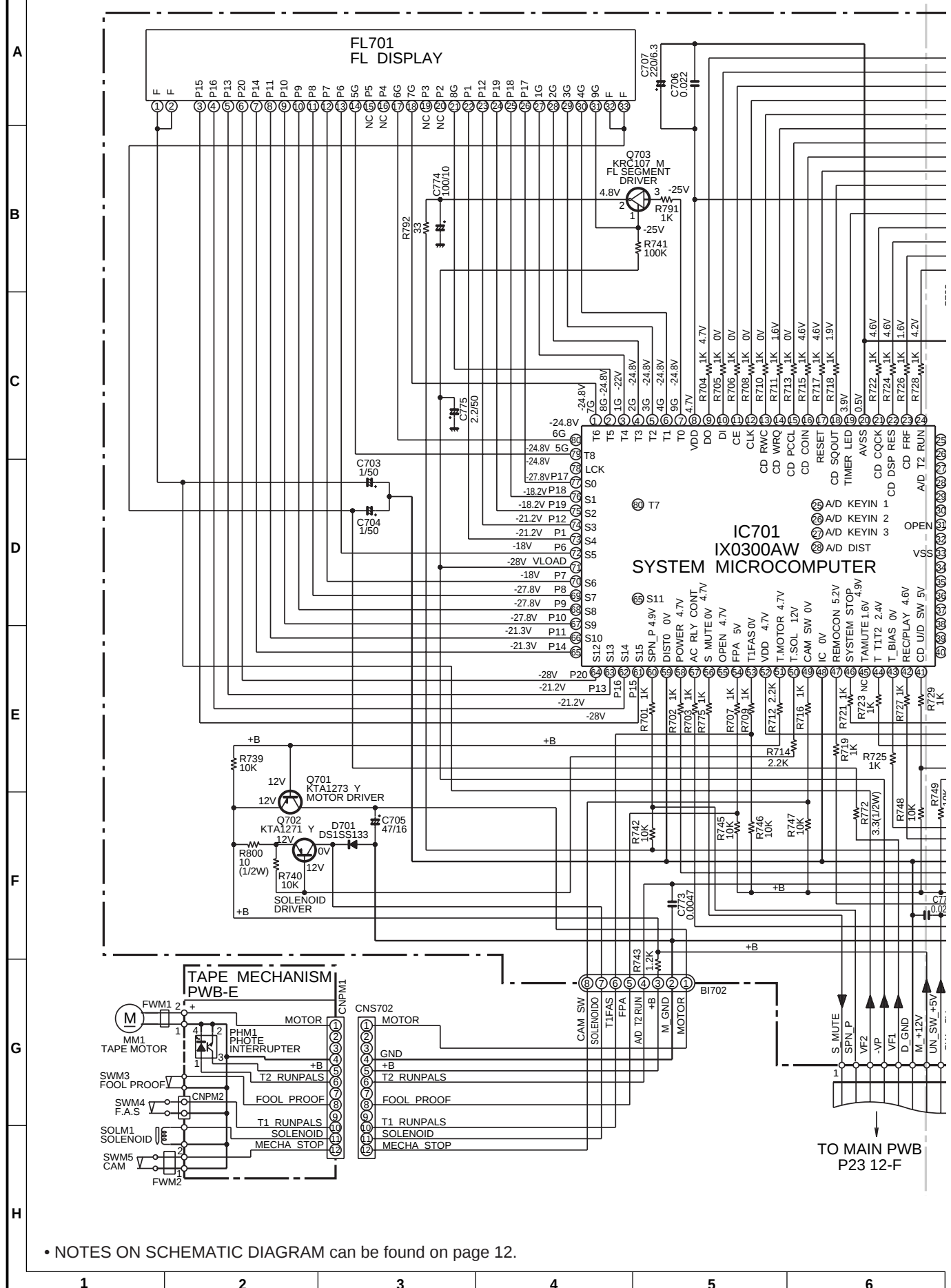


Figure 18 SCHEMATIC DIAGRAM (1/15)

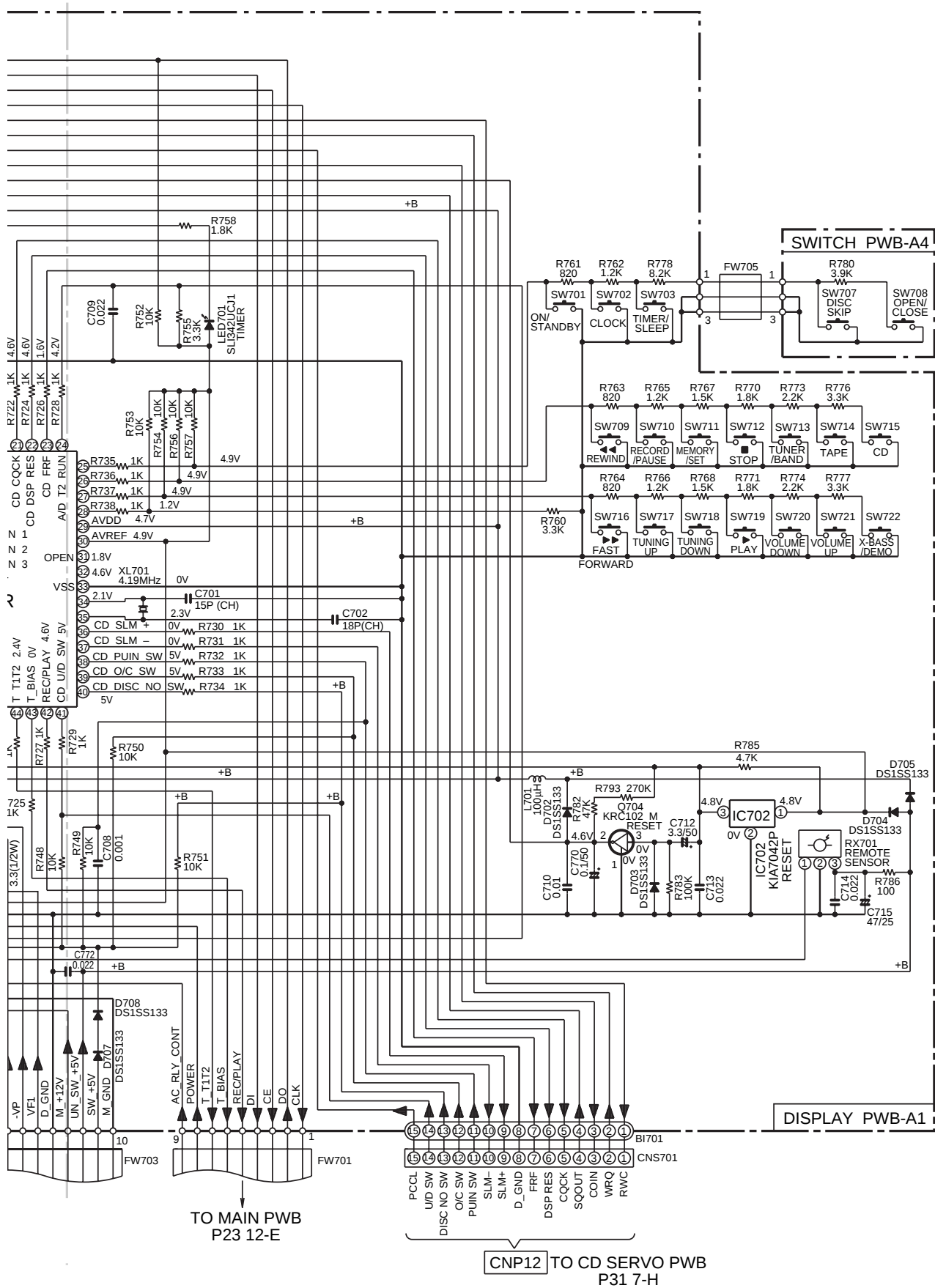


Figure 19 SCHEMATIC DIAGRAM (2/15)

CD-C811W

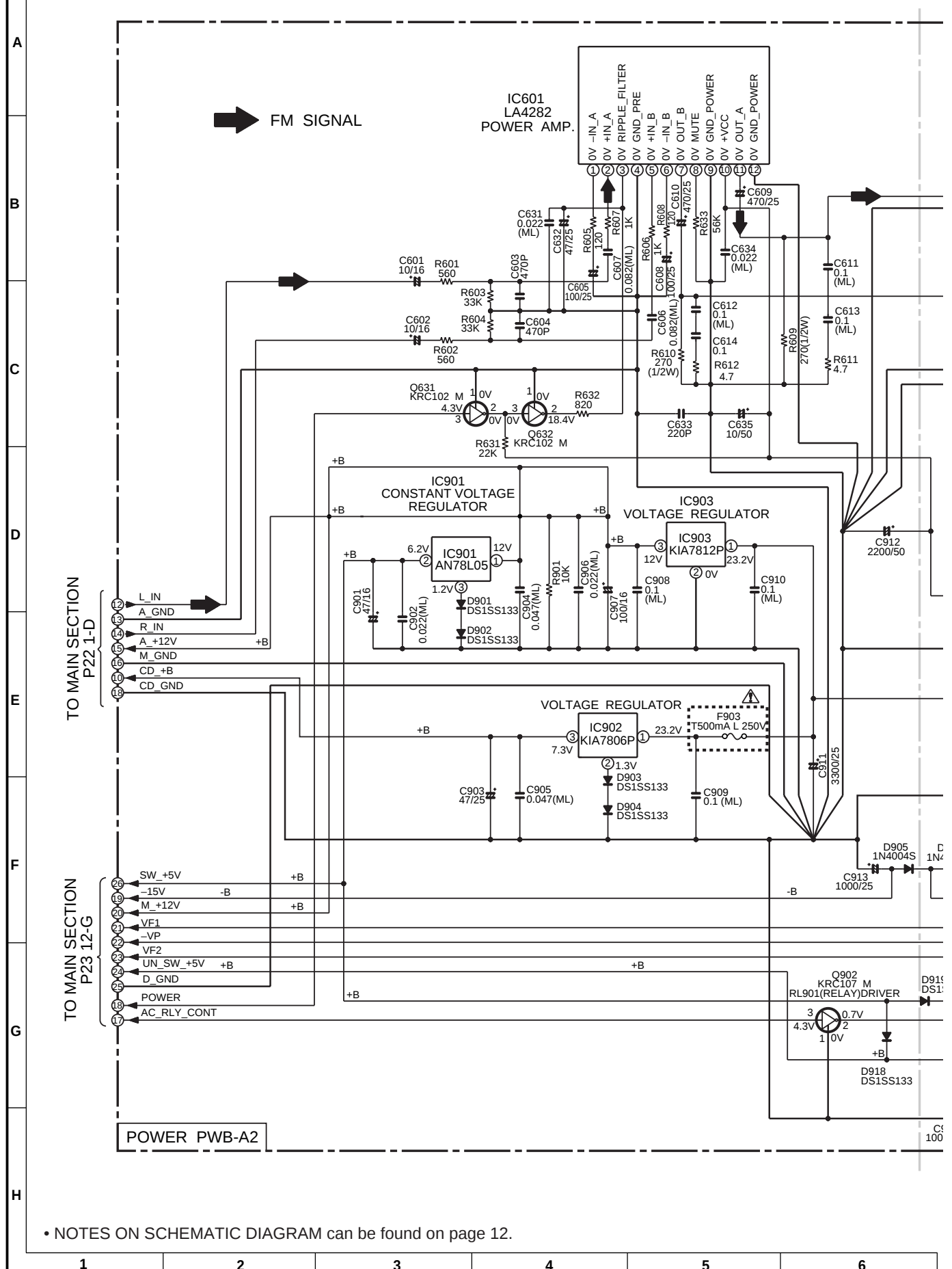


Figure 20 SCHEMATIC DIAGRAM (3/15)

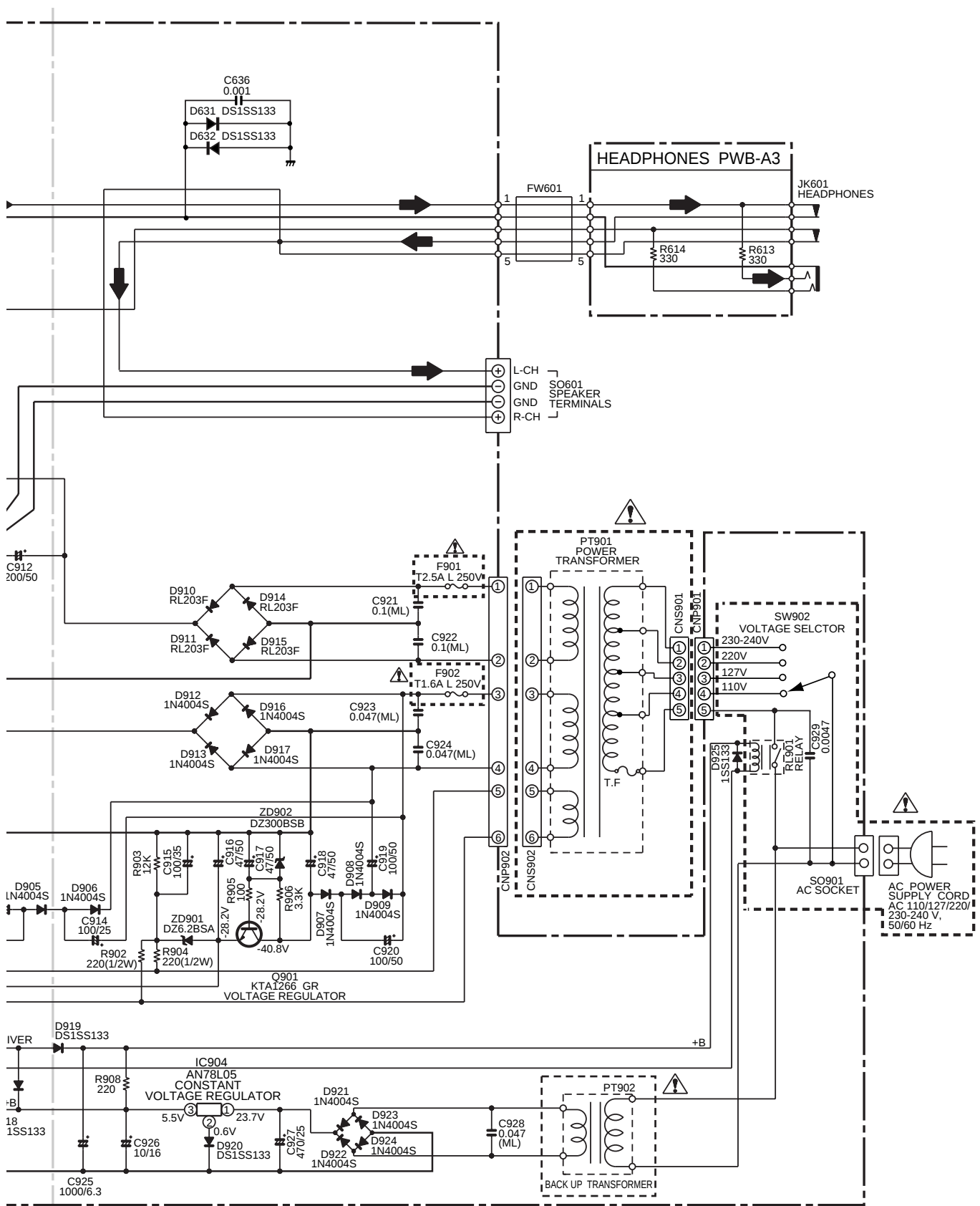


Figure 21 SCHEMATIC DIAGRAM (4/15)



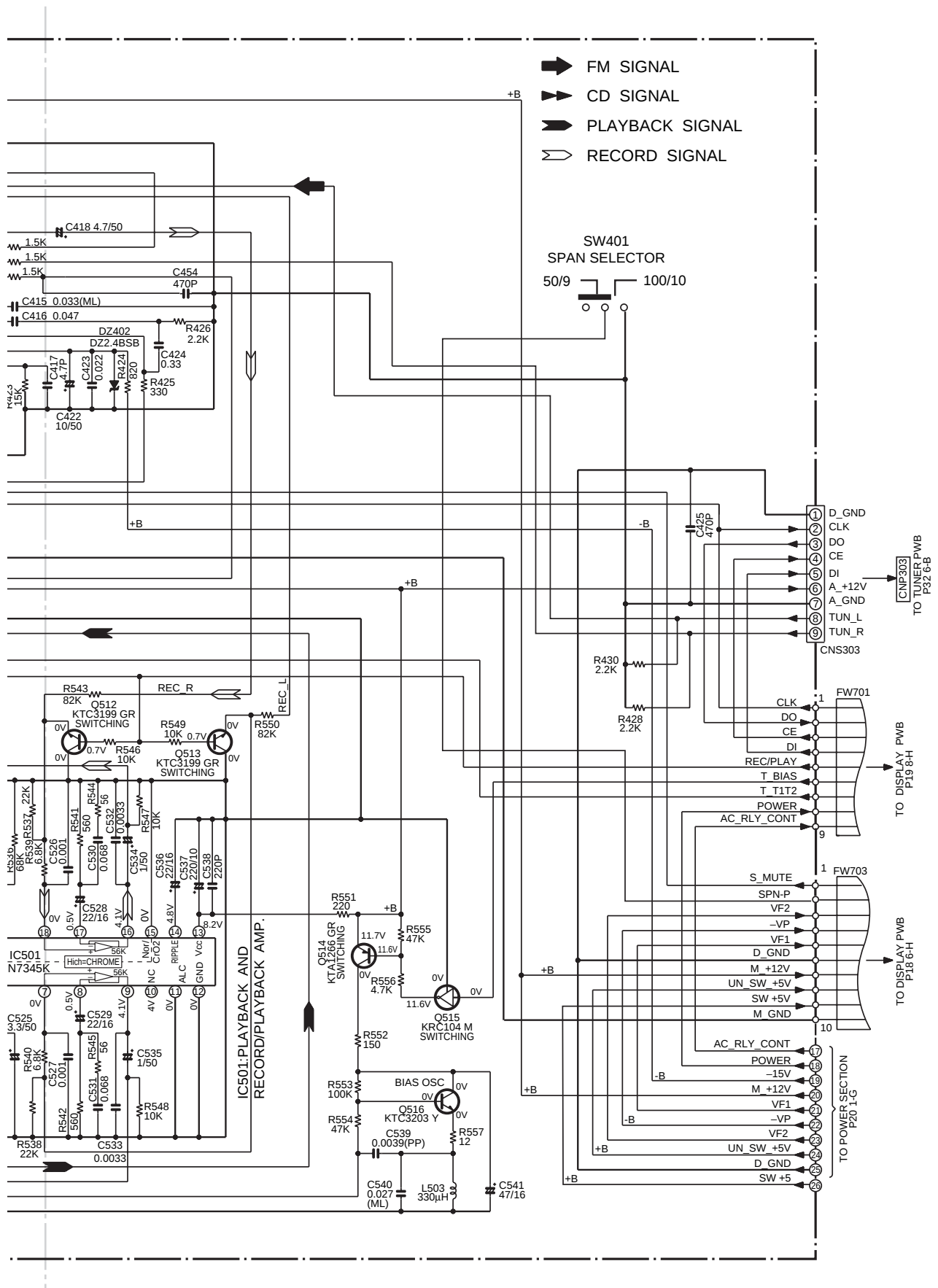
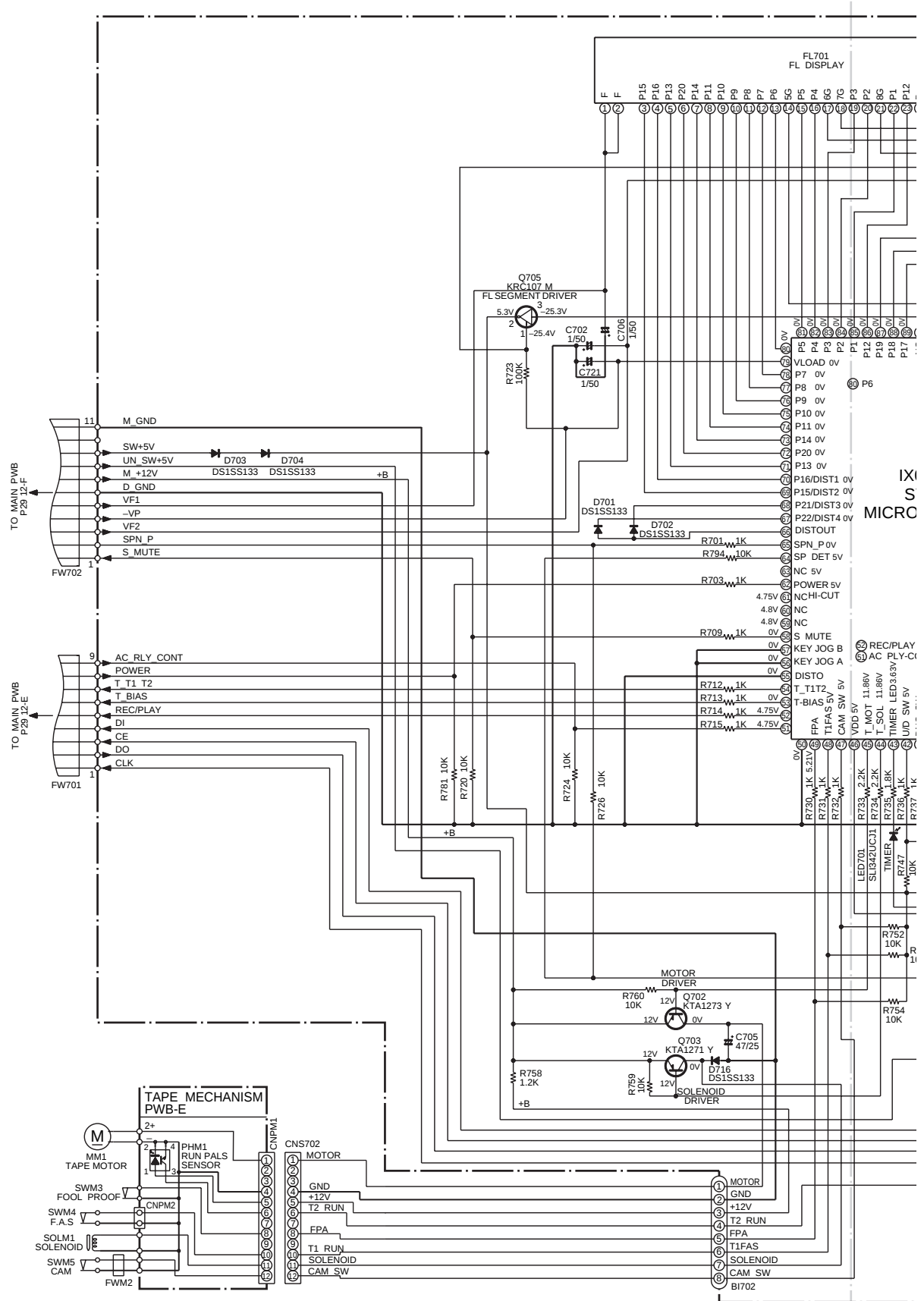
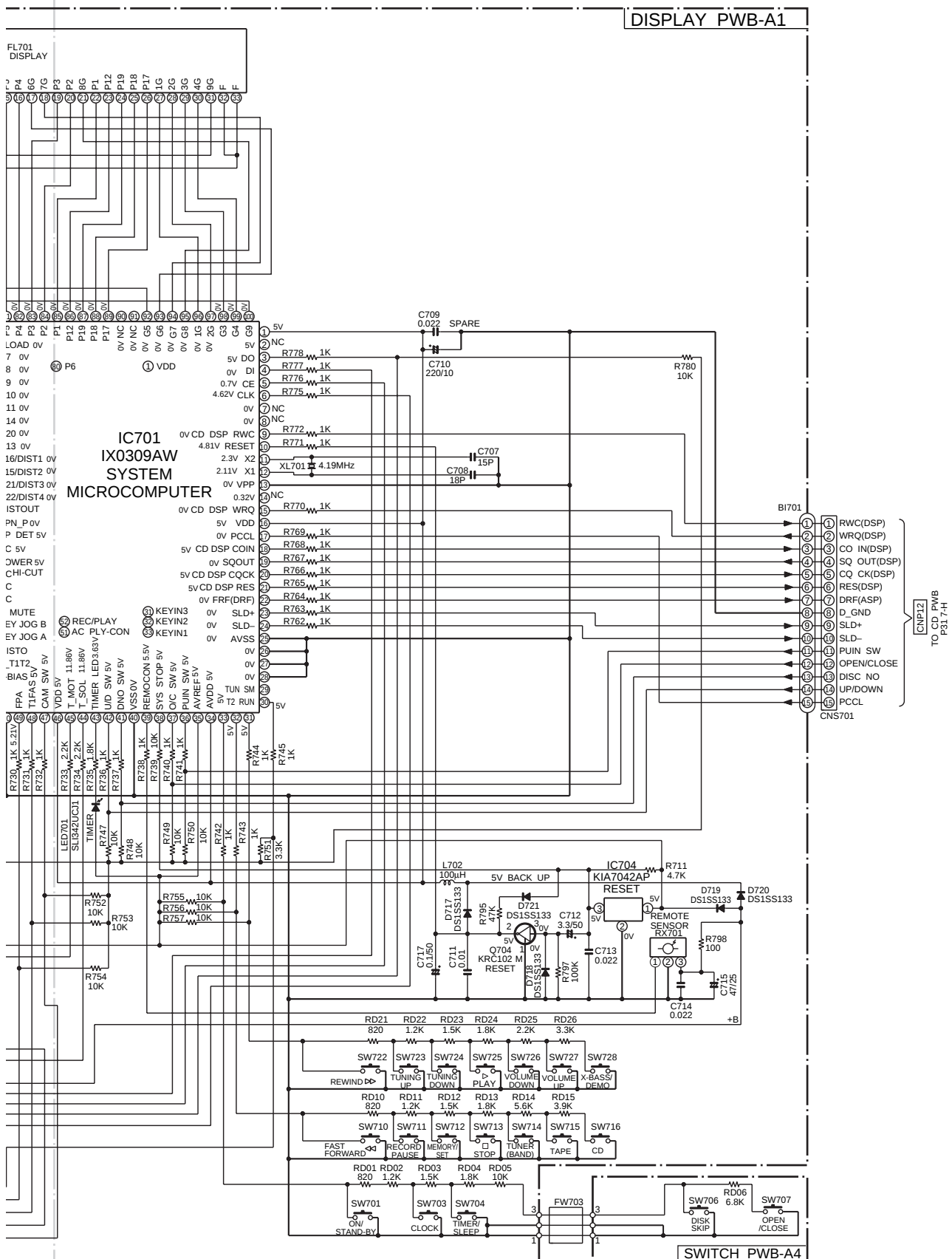


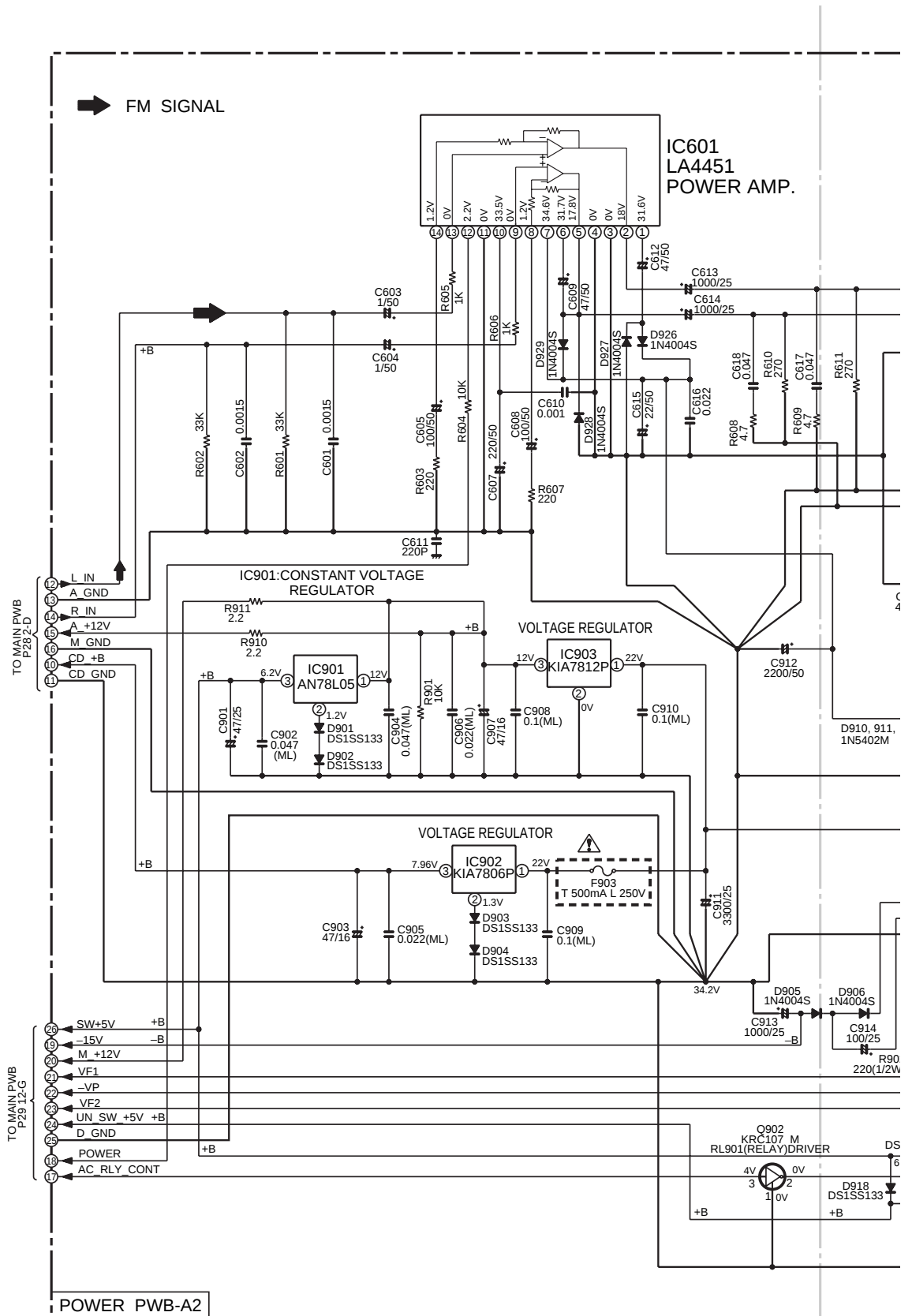
Figure 23 SCHEMATIC DIAGRAM (6/15)



• NOTES ON SCHEMATIC DIAGRAM can be found on page 12.

Figure 24 SCHEMATIC DIAGRAM (7/15)





• NOTES ON SCHEMATIC DIAGRAM can be found on page 12.

Figure 26 SCHEMATIC DIAGRAM (9/15)

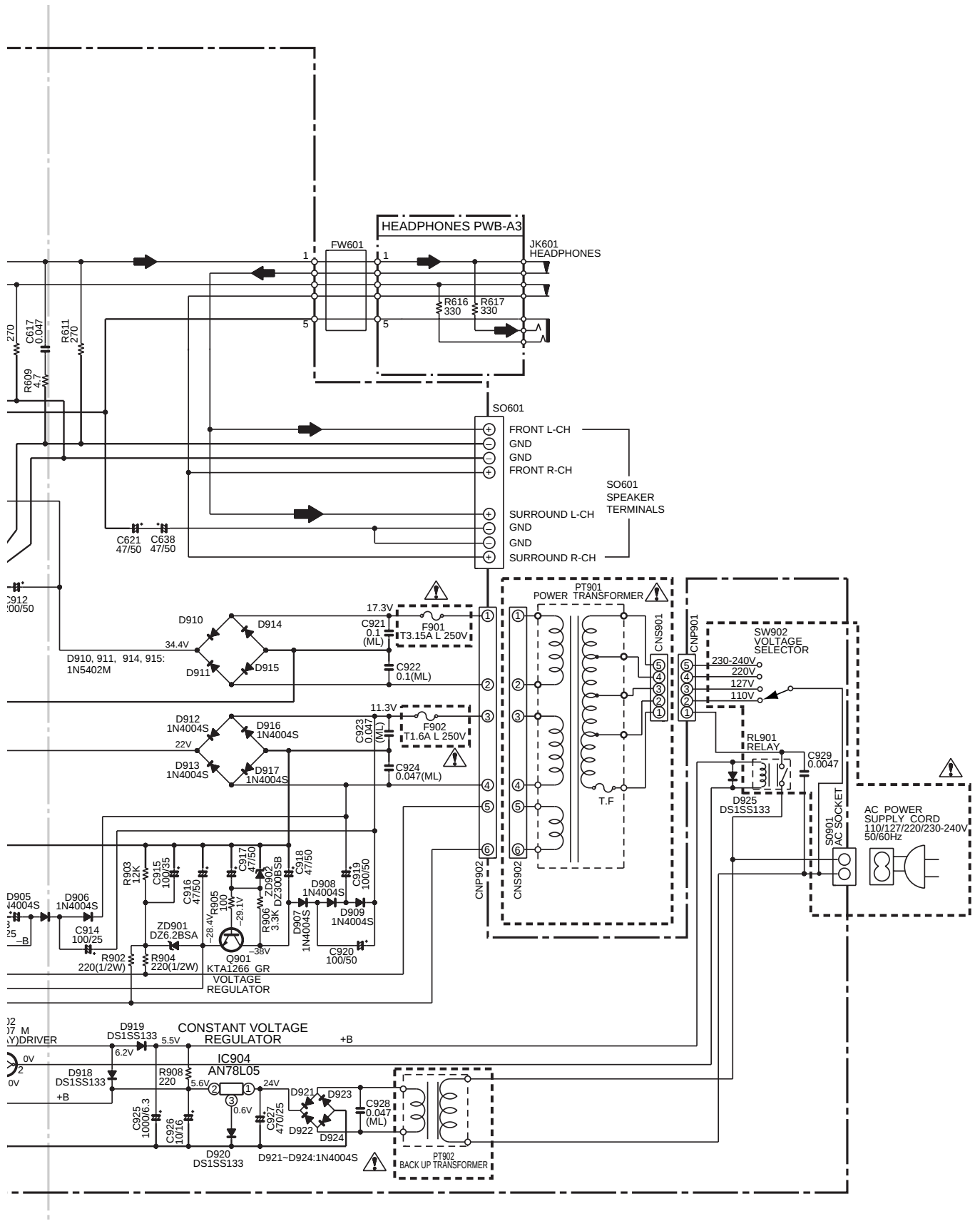


Figure 27 SCHEMATIC DIAGRAM (10/15)



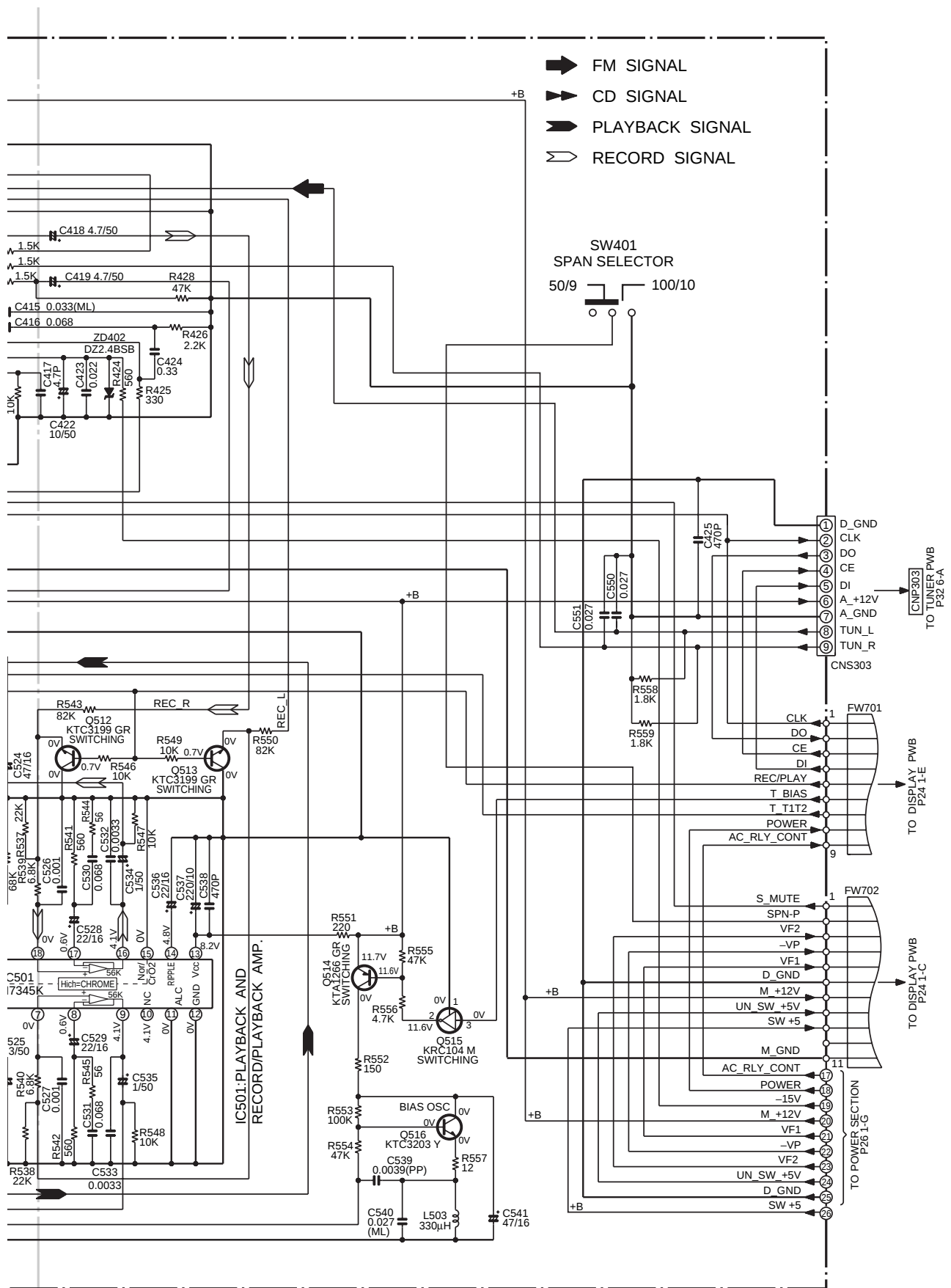
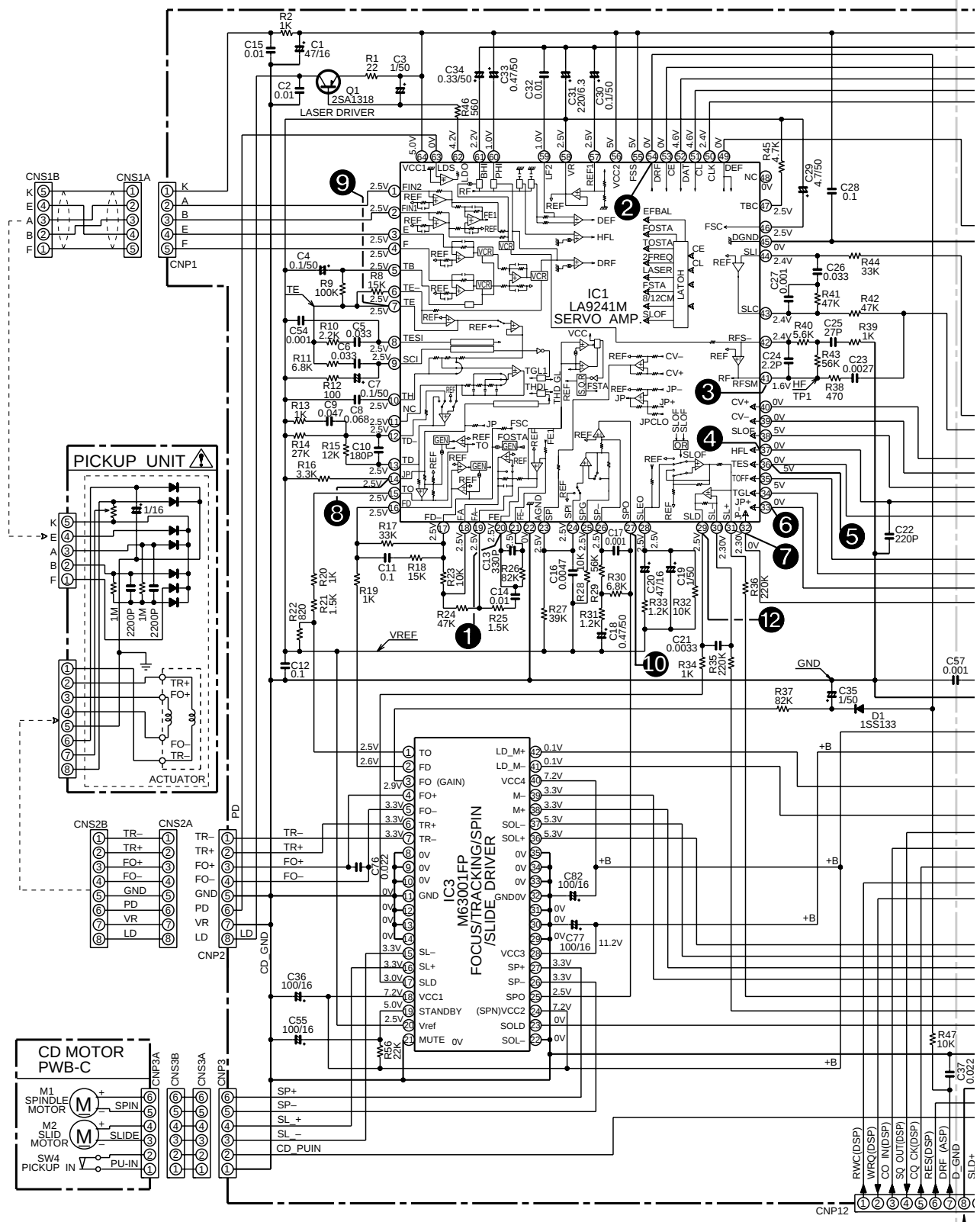


Figure 29 SCHEMATIC DIAGRAM (12/15)



- The numbers ① to ⑫ are waveform numbers shown in page 40.
- NOTES ON SCHEMATIC DIAGRAM can be found on page 12.

Figure 30 SCHEMATIC DIAGRAM (13/15)

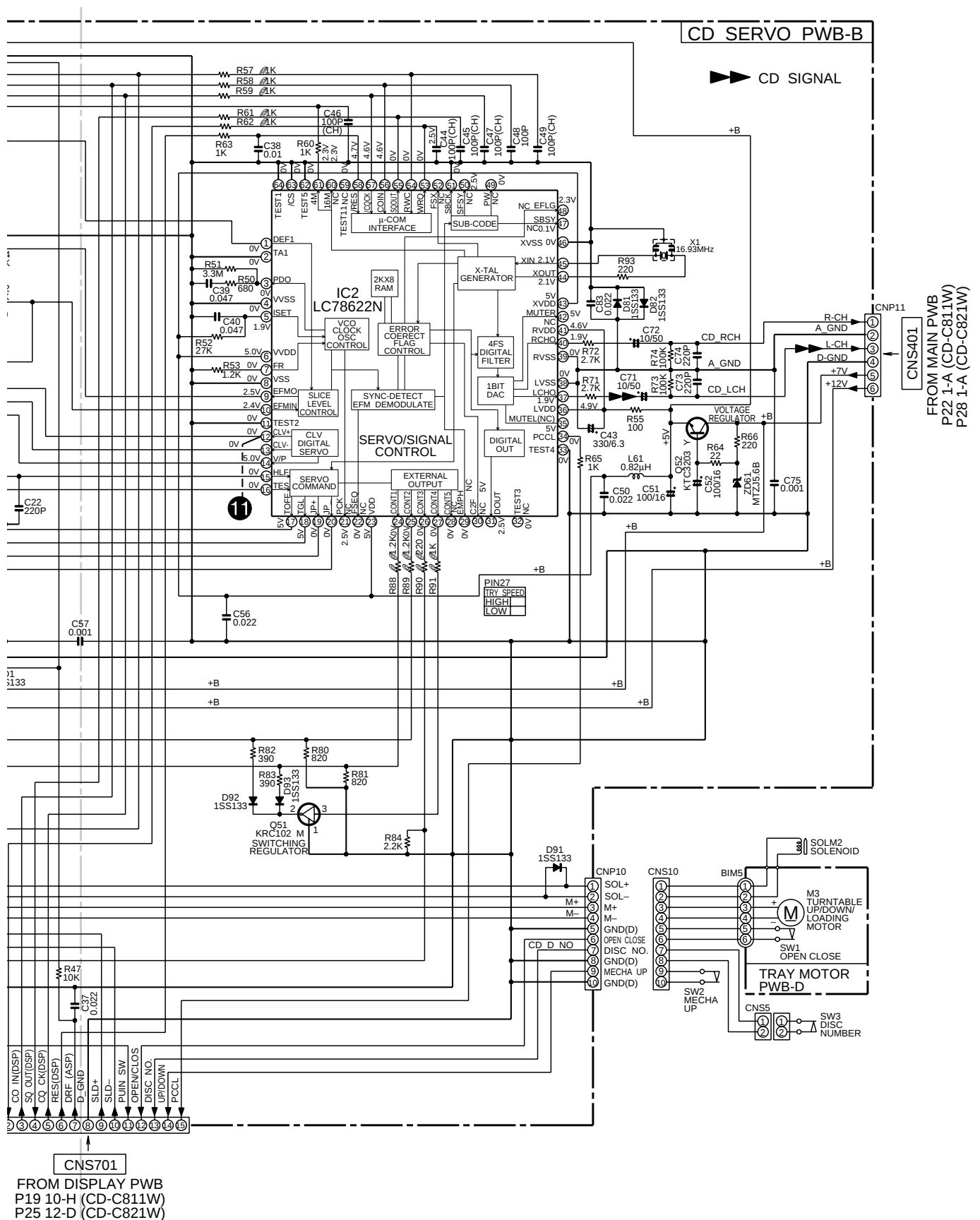


Figure 31 SCHEMATIC DIAGRAM (14/15)

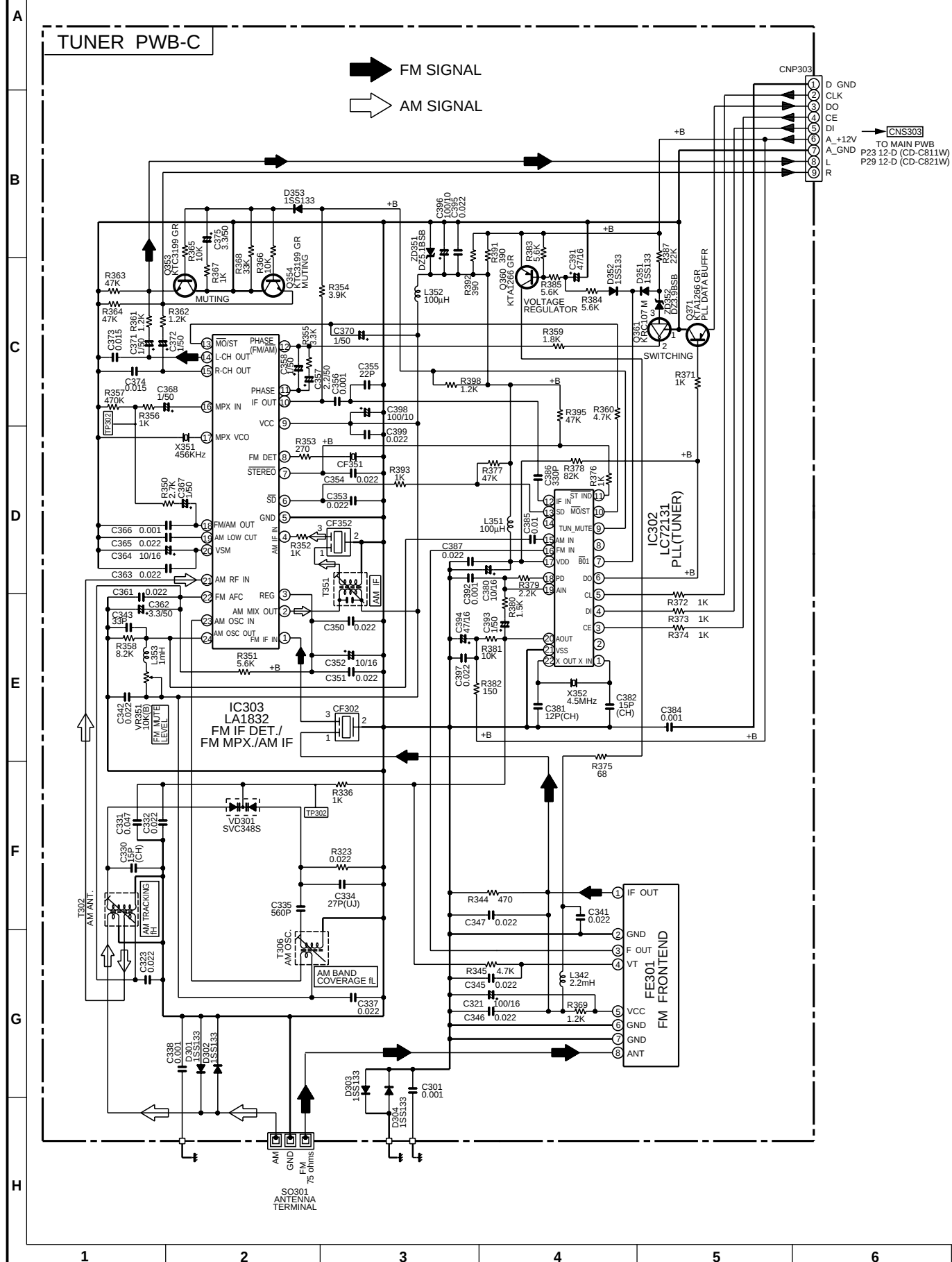
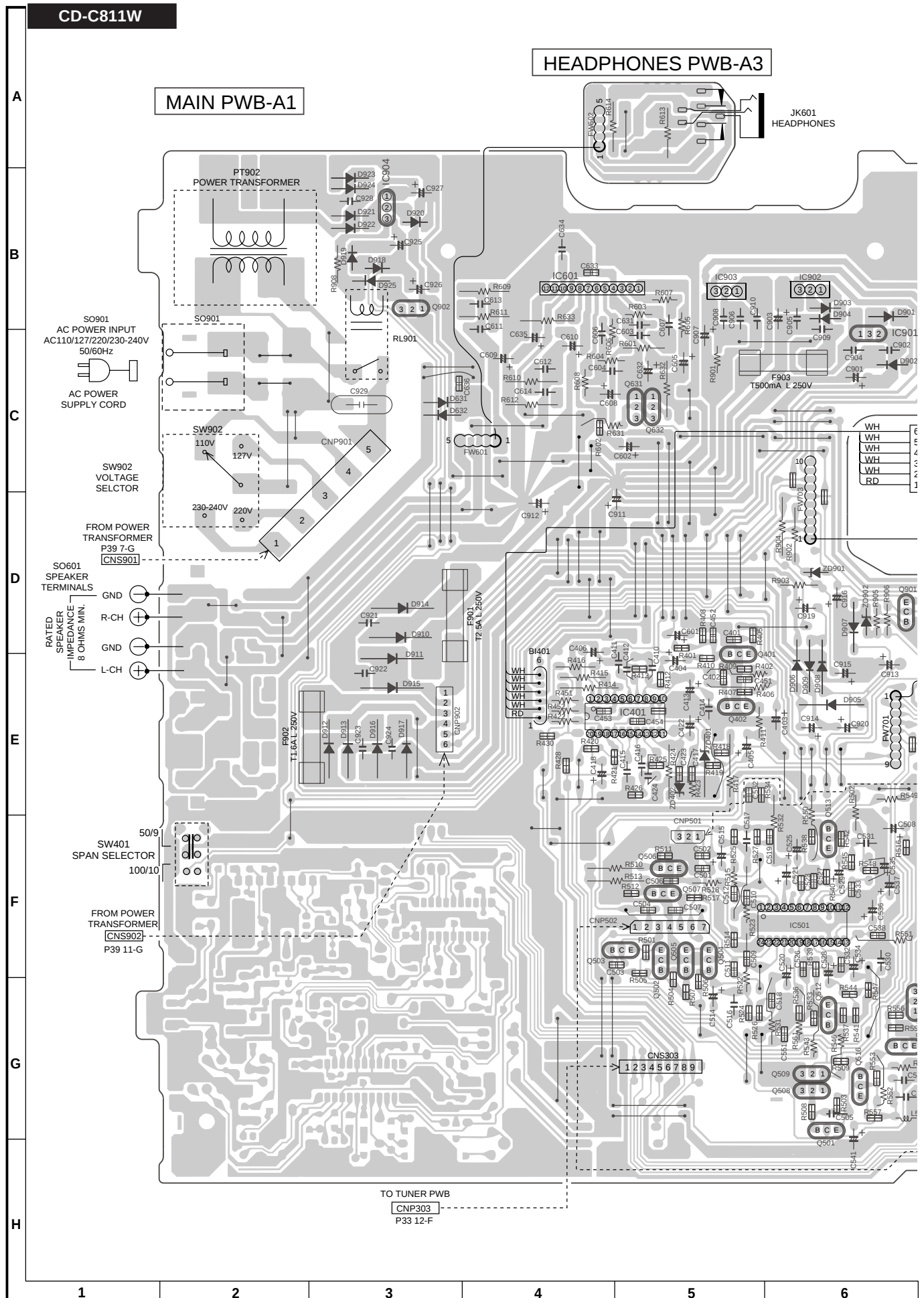


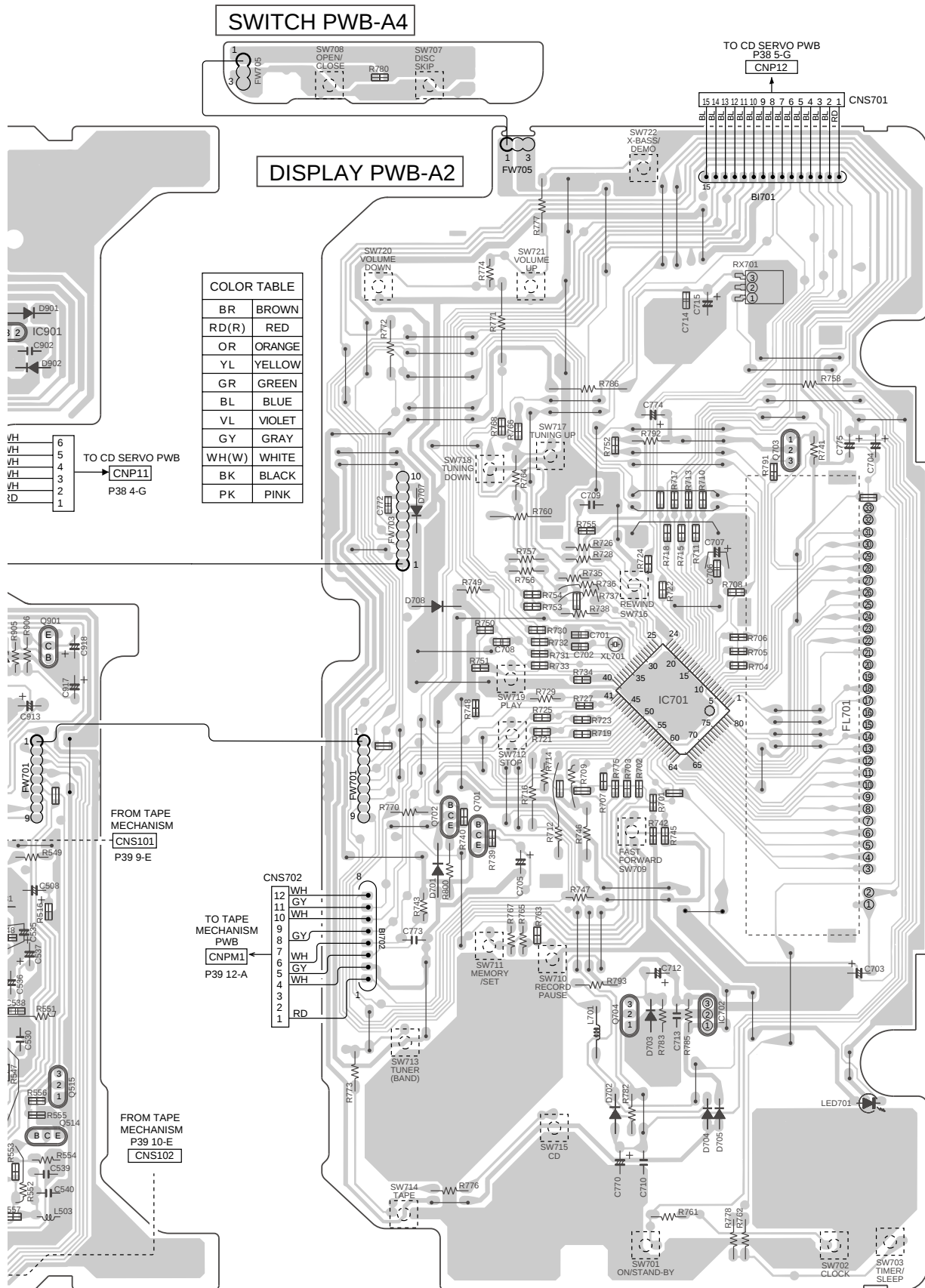
Figure 32 SCHEMATIC DIAGRAM (15/15)



- 33 -

CD-C811W







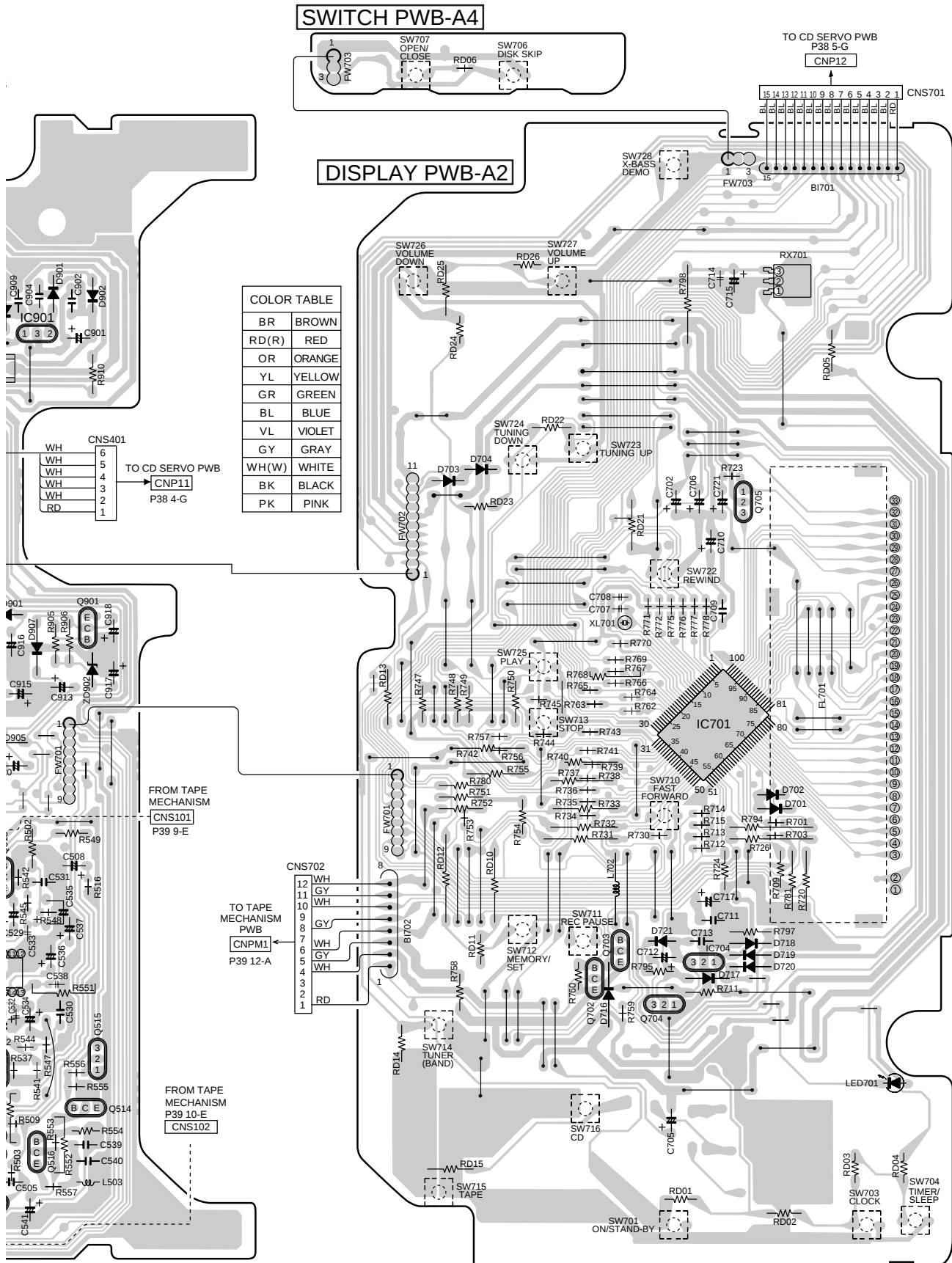
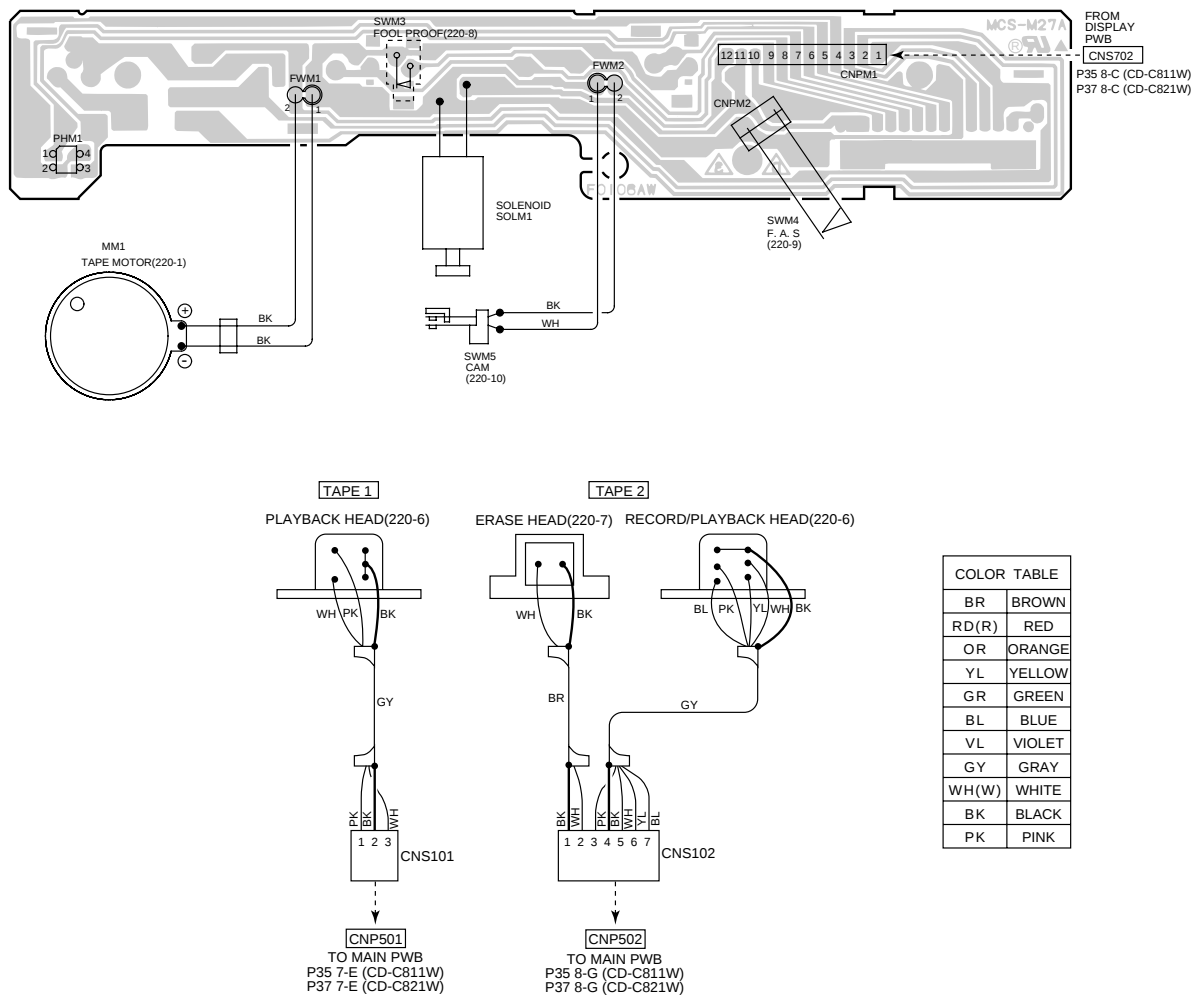


Figure 37 WIRING SIDE OF P.W.BOARD (5/7)



TAPE MECHANISM PWB-E



TO MAIN PWB
CNP901

P34 1-D (CD-C811W)
P36 1-D (CD-C821W)

RD
BL
BR
YL
OR

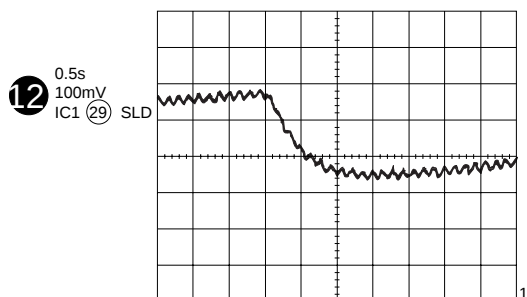
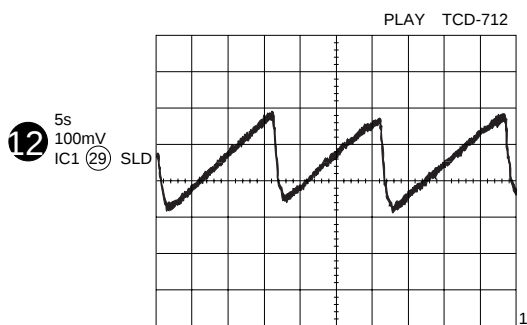
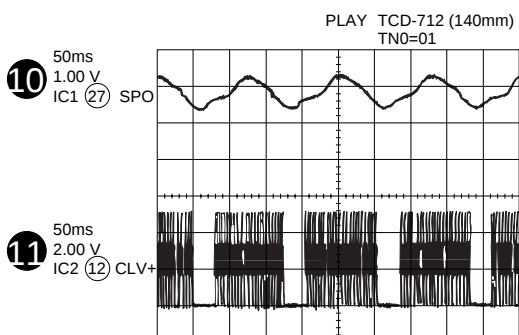
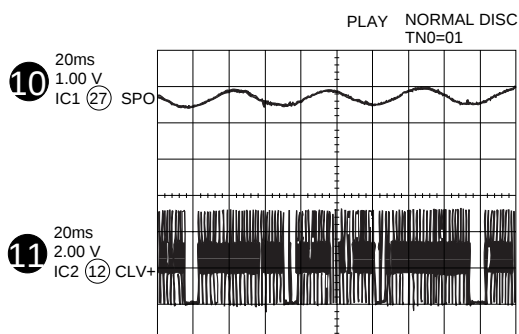
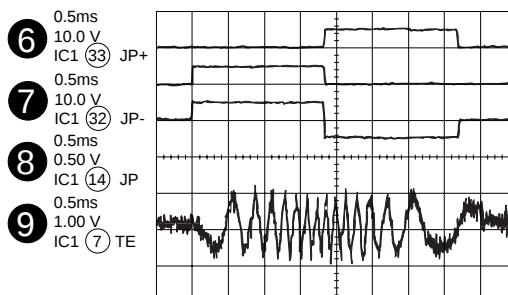
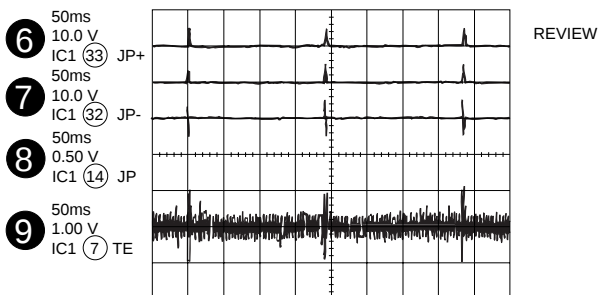
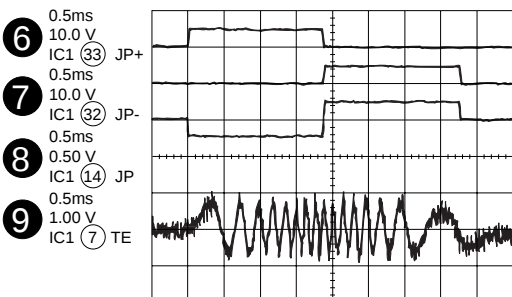
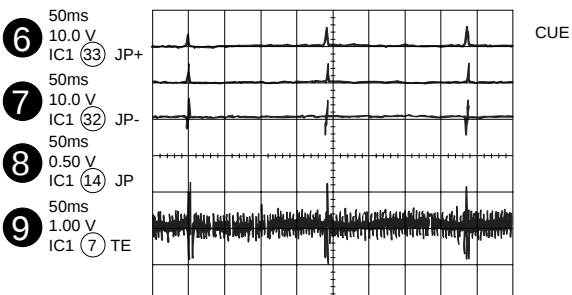
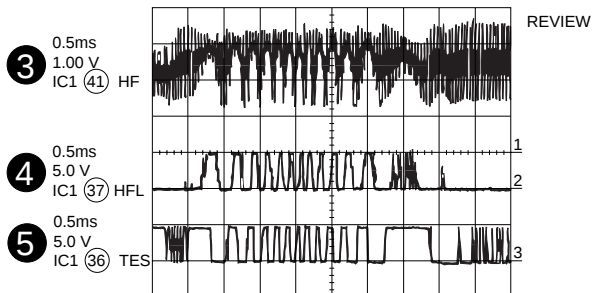
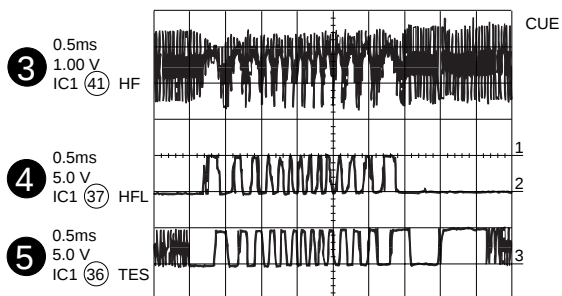
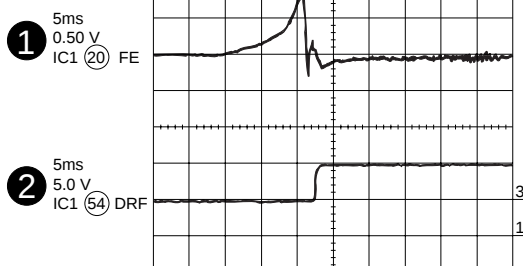
YL
YL
BR
BR
WH
WH

CNS902

TO MAIN PWB
CNP902

P34 1-F (CD-C811W)
P36 1-F (CD-C821W)

WAVEFORMS OF CD CIRCUIT

STOP → PLAY
FOCUS → SERCH

TROUBLESHOOTING

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 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.

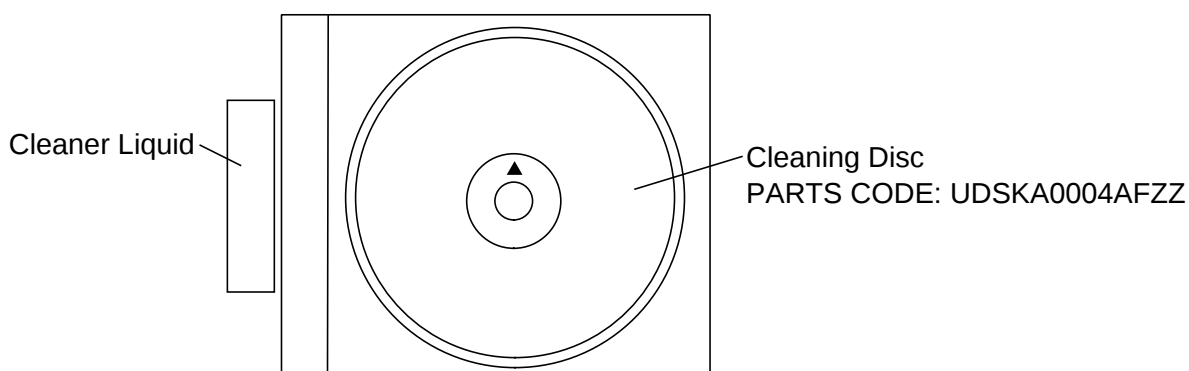
Dust gradually accumulates on the objective lens during use, and it may degrade performance. To avoid this problem, use a cleaning disc designed for CD optical pickup lenses.

HOW TO USE

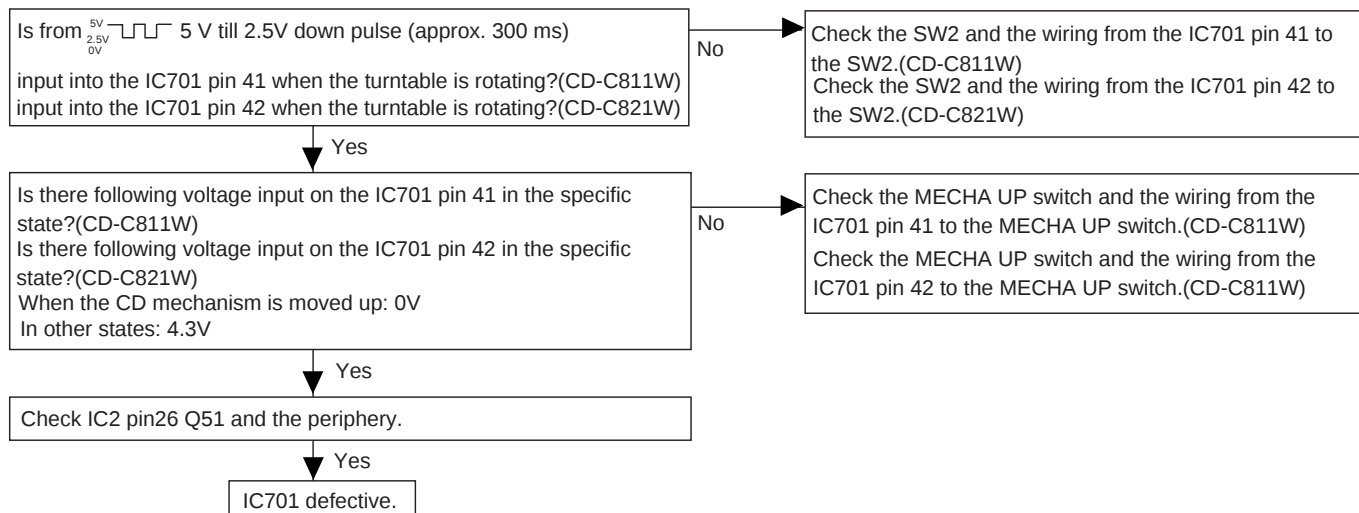
1. Using the brush in the cleaner cap, apply 1 or 2 drops of the cleaning fluid to the brush on the CD cleaner disc which has the ▲ mark next to it.
2. Place the CD cleaner disc onto the CD disc tray with the brush side down, then press the play button.
3. You will hear music for about 20 seconds and the CD player will automatically stop. If it continues to turn, press the stop button.

CAUTION

- The CD lens cleaner should be effective for 30~50 operations, however if the brushes become worn out earlier then please replace the cleaner disc.
- If the CD cleaner brushes become very wet then wipe off any excess fluid with a soft cloth.
- Do not drink the cleaner fluid or allow it to come in contact with the eyes. In the event of this happening then drink and / or rinse with clean water and seek medical advice.
- The CD cleaner disc must not be used on car CD players or on computer CD ROM drives.
- All rights reserved. Unauthorized duplicating, broadcasting and renting this product is prohibited by law.

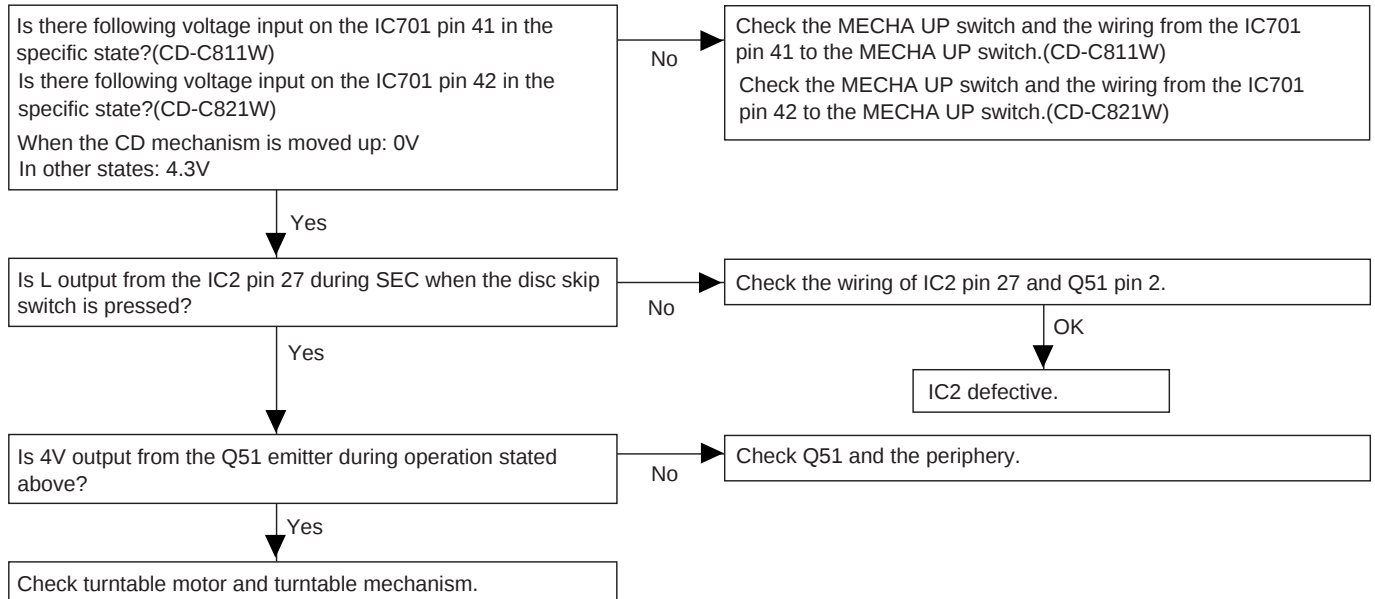


• When the turntable fails to stop.

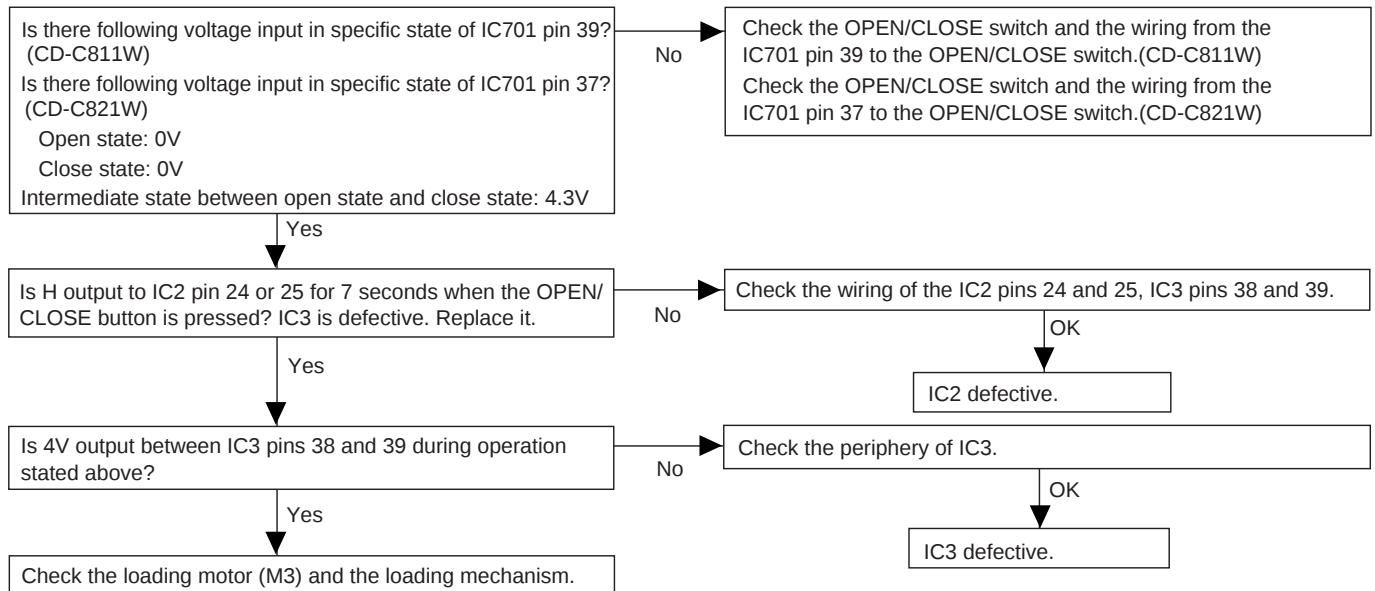


CD-C811W/821W

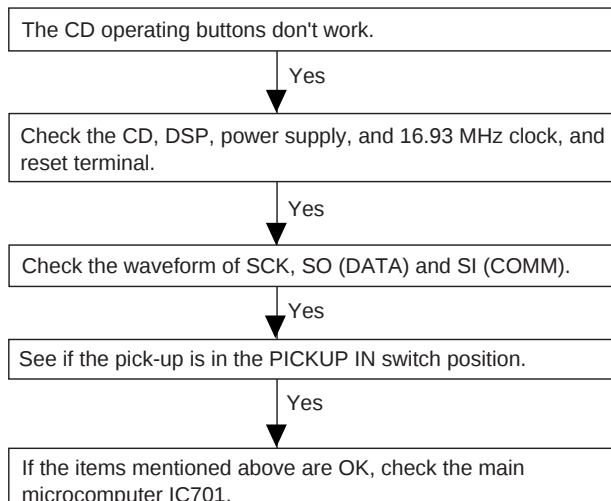
• When turntable fails to move.



• When the CD tray fails to open or close.



• The CD function will not work.



• The CD operating keys work.

Check the Focus - HF system.

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. 44-1?

Yes

Check the area around IC3-CNP2.

No

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

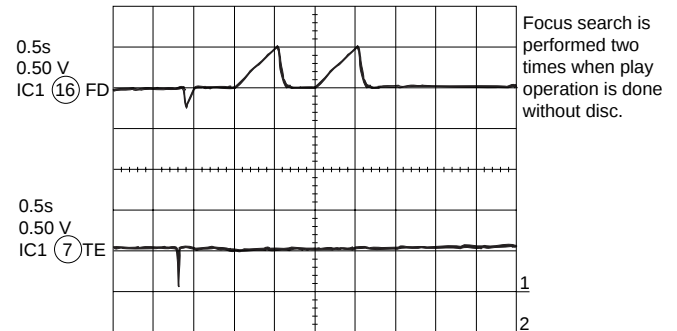


Figure 34-1

• 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. 34-2, Fig. 34-3)?

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
1.0V/DIV
0.5μsec/DIV(DC)
IC(37)
(When playing back the disc)

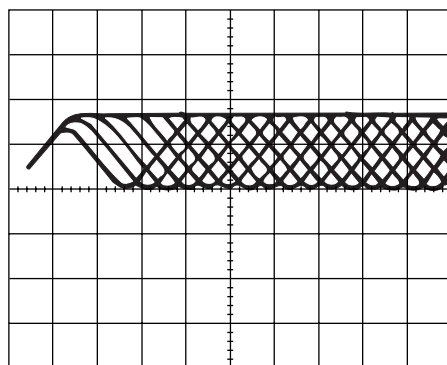


Figure 34-2

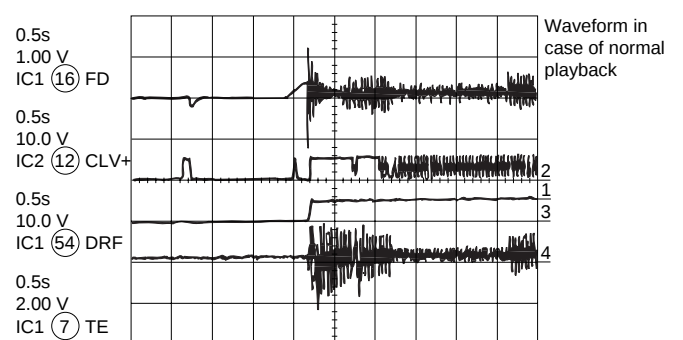


Figure 34-3

CD-C811W/821W

• Check the tracking system.

Check waveform of IC1 pin 7 (TE).

The waveform shown in Fig. 44-1 appears, and no-disc state appears soon.

Yes

Tracking servo is inoperative.

Yes

Check the periphery of IC 1 pin 8 to pin 15, and IC 5 to CNP2.

Play is possible in TEST mode.

Yes

The unit will be initialized in Normal mode, but it will not playback..

Yes

Normal jump is impeded, and the program top cannot be reached.

Yes

Check the periphery of IC 1 pin 14.

Data cannot be read.

Yes

Check the VCO-PLL system.

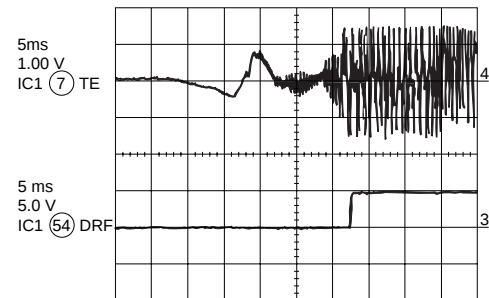


Figure 44-1

• Checking the spin system.

Play operation is performed without disc.



The turntable rotates a little.

Yes

The spin driver circuit is normal.

No

The turntable fails to rotate or rotates at high speed.

Yes

Check the periphery of IC1 pins 23 to 27, pin 39, and pin 40, IC2 pin 12 and pin 13, IC3 to CNP3.

• Checking the VCO-PLL system

Play operation is performed when disc exits.

Yes

Although HF waveform is normal, TOC data cannot be read.

Yes

Check PDO waveform (Fig. 44-2).

Abnormal

Check the IC1 pins 43 and 44, IC2 pins 3, 5, 7, 10, and 11.

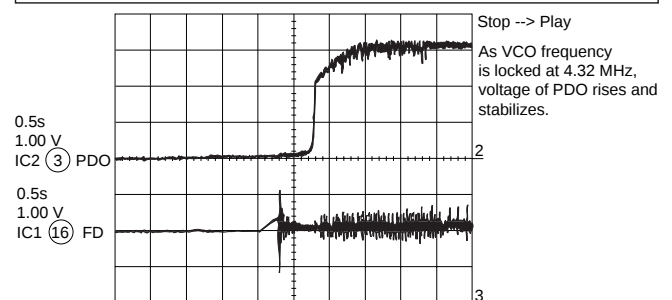


Figure 44-2

• Although HF waveform is normal and the time indication is normal, no sound is emitted.

Check IC2 pin 48 (EFLG).

Yes

Check IC2 pins 37, 40.

Abnormal

Check IC401 and POWER AMP. IC601.

No

Usually, the number of pulses of flawless disc is 100 pulses/sec or less.

FUNCTION TABLE OF IC

IC1 VHiLA9241M/-1: Servo Amp. (LA9241M) (1/2)

Pin No.	Port Name	Function
1	FIN2	Connection pin for photodiode of pickup. RF signal is generated through addition with FIN pin, and FE signal is generated through subtraction.
2	FIN1	Connection pin for photodiode of pickup.
3	E	Connection pin for photodiode of pickup. TE signal is generated through subtraction with F pin.
4	F	Connection pin for photodiode of pickup.
5	TB	Pin for input of DC component of TE signal.
6	TE-	Pin to connect gain setting resistor of TE signal to TE signal.
7	TE	TE signal output pin.
8	TESI	TES (Track error sense) comparator input pin. TE signal is band-passed and input.
9	SCI	Input pin for shock detection.
10	TH	Pin to set time constant of tracking gain.
11*	N.C.	No connect.
12	TD-	Pin to compose tracking phase compensation constant between TD and VR pins.
13	TD	Pin to set tracking phase compensation.
14	JP	Pin to set amplitude of tracking jump signal (kick pulse).
15	TO	Tracking control signal output pin.
16	FD	Focusing control signal output pin.
17	FD-	Pin to compose focusing phase compensation constant between FD and FA pins.
18	FA	Pin to compose focusing phase compensation constant between FD-/FA-pins.
19	FA-	Pin to compose focusing phase compensation constant between FA and FE pins.
20	FE	Output pin of FE signal.
21	FE-	Pin to connect gain setting resistor of FE signal across TE pin.
22	AGND	GND for analog signal.
23	SP	Single end output for CV+ and CV- pin input.
24	SPI	Spindle amplifier input.
25	SPG	Pin to connect gain setting resistor in the 12cm mode of spindle.
26	SP-	Pin to connect spindle phase compensation constant together with SPD pin.
27	SPO	Spindle control signal output pin.
28	SLEO	Pin to connect thread phase compensation constant.
29	SLD	Thread control signal output pin.
30	SL-	Input pin of thread feed signal from microcomputer.
31	SL+	Input pin of thread feed signal from microcomputer.
32	JP-	Input pin of tracking jump signal from DSP.
33	JP+	Input pin of tracking jump signal from DSP.
34	TGL	Input pin of tracking gain control signal from DSP. TGL = Gain low at "H"
35	TOFF	Input pin of tracking off control signal from DSP. TOFF = Off at "H"
36	TES	Output pin of TES signal to DSP.
37	HFL	(HIGH FREQUENCY LEVEL) is used to judge whether main beam is positioned on the bit or on the mirror.
38	SLOF	Thread servo off control input pin.
39	CV-	Pin to input CLV error signal from DSP.
40	CV+	Pin to input CLV error signal from DSP.
41	RFSM	RF output pin.
42	RFS-	Pin to set gain of RF and set 3T compensation constant together with RFSM pin.
43	SLC	(SLICE LEVEL CONTROL) is the output pin to control of the level of the data slice with RF waveform DSP.
44	SLI	Input pin to control the level of data slice with DSP.
45	DGND	GND pin in the digital system.
46	FSC	Output pin for focus search smoothening capacitor.
47	TBC	(Tracking Balance Control) Pin to set EF balance variable range.
48*	NC	No connect.

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

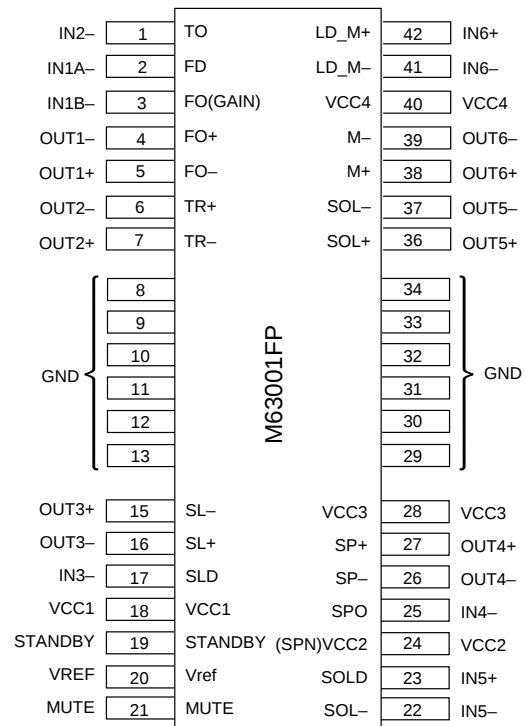
CD-C811W/821W

IC1 VHiLA9241M/-1: Servo Amp. (LA9241M) (2/2)

Pin No.	Port Name	Function
49	DEF	Defect detection output pin of disc.
50	CLK	Reference clock input pin. 4.23MHz of DSP is input.
51	CL	Microcomputer command clock input pin.
52	DAT	Microcomputer command data input pin.
53	CE	Microcomputer command chip enable input pin.
54	DRF	(DETECT RF) RF level detection output.
55	FSS	(Focus Serch Select) Pin to switch focus search mode. ($\pm$ search/+ search for reference voltage)
56	VCC2	VCC pin for servo system and digital system.
57	REF1	Pin to connect pass control for reference voltage.
58	VR	Reference voltage output pin.
59	LF2	Pin to set defect detection time constant of disc.
60	PHI	Pin to connect capacitor for peak hold of RF signal.
61	BHI	Pin to connect capacitor for bottom hold of RF signal.
62	LDO	APC circuit output pin.
63	LDS	APC circuit output pin.
64	VCC1	RF system VCC pin.

IC3 VHiM63001FP-1: Focus/Tracking/Spin/Slide Driver (M63001FP)

Pin No.	Terminal Name	Function
1	IN2-	CH2 inverted input.
2	IN1A-	CH1 inverted input.
3	IN1B-	CH1 output offset control.
4	OUT1-	CH1 inverted output.
5	OUT1+	CH1 non-inverted output.
6	OUT2-	CH2 inverted output.
7	OUT2+	CH2 non-inverted output.
8-14	GND	GND
15	OUT3+	CH3 non-inverted output.
16	OUT3-	CH3 inverted output.
17	IN3-	CH3 inverted input.
18	VCC1	Power supply 1 (CH1, CH2, CH3)
19	STANDBY	STANDBY signal input.
20	VRFE	CH1-CH4 Reference voltage input.
21	MUTE	Mute signal input (CH6).
22	IN5-	CH5 inverted input.
23	IN5+	CH5 non-inverted input.
24	VCC2	Power supply 2 (CH4).
25	IN4-	CH4 inverted input.
26	OUT4-	CH4 inverted output.
27	OUT4+	CH4 non-inverted output.
28	VCC3	Power supply 3 (CH5).
29-35	GND	GND
36	OUT5+	CH5 non-inverted output.
37	OUT5-	CH5 inverted output.
38	OUT6+	CH6 non-inverted output.
39	OUT6-	CH6 inverted output.
40	VCC4	Power supply 4 (CH6).
41	IN6-	CH6 inverted input.
42	IN6+	CH6 non-inverted input.



IC401 VHiM62439SP-1: Audio Processor (M62439SP)

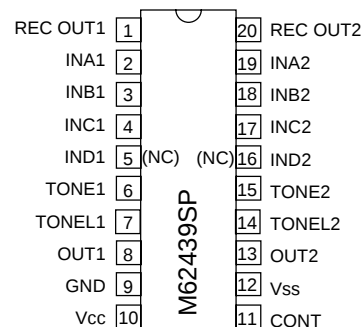


Figure 46 BLOCK DIAGRAM OF IC

IC2 VHiLC78622N-1: Servo/Signal Control (LC78622N) (1/2)

Pin No.	Terminal Name	Input/Output	Function	
1	DEF1	Input	Input terminal of defect detection signal (DEF). (Connected to OV when not used.)	
2	TA1	Input	For PLL	Input terminal for test. Pull-down resistor is integrated. Surely connected to OV.
3	PDO	Output	For PLL	Output terminal of phase comparison for external VCO control.
4	VVSS	—	For PLL	Ground terminal for integrated VCO. Surely connected to OV.
5	ISET	Input	For PLL	Resistance connection terminal for current adjustment of PDO output.
6	VVDD	—	For PLL	Power terminal for integrated VCO.
7	FR	Input	For PLL	VCO frequency range adjustment.
8	VSS	—	Ground terminal of digital system. Surely connected to OV.	
9	EFMO	Output	For slice level control	EFM signal output terminal.
10	EFMIN	Input	For slice level control	EFM signal input terminal.
11	TEST2	Input	Input terminal for test. Pull-down resistor is integrated. Surely connected to OV.	
12	CLV+	Outout	Output for disc motor control. 3 values can be output with the commands.	
13	CLV-	Output	Output for disc motor control. 3 values can be output with the commands.	
14	V/P	Output	Monitor output terminal for automatic switch of rough servo/phase control. "H" for rough servo, and "L" for phase servo.	
15	HLF	Intput	Input terminal of track detection signal. Schmit input.	
16	TES	Input	Input terminal of tracking error signal. Schmit input.	
17	TOFF	Output	Tracking OFF output terminal.	
18	TGL	Output	Output terminal for switch of tracking gain "L" increases the gain.	
19	JP+	Output	Output for track jump control. 3 values can be output with the commands.	
20	JP-	Output	Output for track jump control. 3 values can be output with the commands.	
21*	PCK (NC)	Output	Clock monitor terminal for EFM data replay. 4,3218MHz as the phase clock.	
22*	FSEQ (NC)	Output	Output terminal synchronous signal detection. "H" is output when synchronous signal detected by EFM signal matches synchronous signal internally generated.	
23	VDD	—	Power terminal of digital system.	
24	CONT1	Input/Output	General purpose input/output terminal 1	Controlled with serial data command from microcomputer. When not used, set it as the input terminal and open it by connecting to OV, or set it as the output terminal and open it.
25	CONT2	Input/Output	General purpose input/output terminal 2	
26	CONT3	Input/Output	General purpose input/output terminal 3	
27	CONT4	Input/Output	General purpose input/output terminal 4	
28*	CONT5	Input/Output	General purpose input/output terminal 5	
29*	EMPH (NC)	Output	Difference monitor terminal At "H", deemphasis disk is being replayed.	
30*	C2F (NC)	Output	C2 flag output terminal.	
31*	DOUT (NC)	Output	Output terminal of digital OUTPUT. (EIAJ format)	
32*	TEST3 (NC)	Input	Input terminal for test. Pull-down resistor is integrated. Surely connected to OV.	
33	TEST4	Input	Input terminal for test. Pull-down resistor is integrated. Surely connected to OV.	
34	PCCL	Input	CD general-use port control signal.	
35*	MUTEL (NC)	Output	L channel 1 bit DAC	Mute output terminal for L channel.
36	LVDD	—	L channel 1 bit DAC	Power terminal for L channel.
37	LCHO	Output	L channel 1 bit DAC	L channel output terminal.
38	LVSS	—	L channel 1 bit DAC	Ground terminal for L channel. Surely connected to OV.
39	RVSS	—	R channel 1 bit DAC	Ground terminal for R channel. Surely connected to OV.
40	RCHO	Output	R channel 1 bit DAC	R channel output terminal.
41	RVDD	—	R channel 1 bit DAC	Power terminal for R channel.
42*	MUTER (NC)	Output	R channel 1 bit DAC	Mute output terminal for R channel.
43	XVDD	—	Power terminal for quartz oscillation.	
44	XOUT	Output	Ground terminal of 16.9344 MHz quartz oscillator.	
45	XIN	Input	Ground terminal of 16.9344 MHz quartz oscillator.	
46	XVSS	—	Ground terminal for quartz oscillation. Surely connected to OV.	
47*	SBSY (NC)	Output	Output terminal of synchronous signal of subcode block.	
48*	EFLG (NC)	Output	Correction monitor terminal of C1, C2, single and double.	
49*	PW (NC)	Output	Output terminal of subcodes P, A, R, S, T, U and W.	

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

CD-C811W/821W

IC2 VHiLC78622N-1: Servo/Signal Control (LC78622N) (2/2)

Pin No.	Terminal Name	Input/Output	Function
50*	SFSY (NC)	Output	Output terminal of synchronous signal of subcode frame. It drops when subcode stands by.
51	SBCK	Input	Clock input terminal to read subcode. Schmit input (Connected to 0V when not used.)
52*	FSX (NC)	Output	Output terminal of synchronous signal of 7.35kHz divided from quartz oscillation.
53	WRQ	Output	Output terminal to stand by output of subcode Q.
54	RWC	Input	Input terminal of read/write. Schmit input.
55	SQOUT	Output	Output terminal of subcode Q.
56	COIN	Input	Command input terminal from microcomputer.
57	/CQCK	Input	Clock input terminal to fetch command input, or pick up subcode from SQOUT. Schmit input.
58	/RES	Input	Reset input terminal of LC78622. When turning on power, set it at "L".
59*	TEST11 (NC)	Output	Output terminal for test. Used in the open state ("L" output as ordinary).
60*	16M (NC)	Output	Output terminal of 16.9344Hz.
61	4M	Output	Output terminal of 4.2336MHz.
62	TEST5	Input	Input terminal for test. Pull-down resistor is integrated. Surely connected to 0V.
63	/CS	Input	Chip selection input terminal. Pull-down resistor is integrated. Connected to 0V when not controlled.
64	TEST1	Input	Input terminal for test. Pull-down resistor is integrated. Surely connected to 0V.

Note: The same potential must be supplied to the power terminals (VDD, VVDD, LVDD, RVDD, XVDD).

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

IC701 RH-iX0300AWZZ: System Microcomputer (IX0300AW) (1/2) (CD-C811W)

Pin No.	Port Name	Terminal Name	Input/Output	Function
1	P94/FIP6	7G	Output	FL Display segment driver
2	P93/FIP5	8G	Output	FL Display segment driver
3	P92/FIP4	1G	Output	FL Display segment driver
4	P91/FIP3	2G	Output	FL Display segment driver
5	P90/FIP2	3G	Output	FL Display segment driver
6	P81/FIP1	4G	Output	FL Display segment driver
7	P80/FIP0	9G	Output	FL Display segment driver
8	VDD	VDD	—	VDD
9	P27/SCK0	DO	Input	Data input
10	P26/S00/SB1	DI	Output	Data output
11	P25/SI0/SB0	CE	Output	Chip enable output
12	P24/BUSY	CLK	Output	Clock output
13	P23/STB	CD RWC	Output	CD DSP read write cont
14	P22/SCK1	CD WRQ	Input	CD DSP write request cont
15	P21/S01	CD PCCL	Output	CD DSP PCCL
16	P20/SI1	CD COIN	Output	CD COIN (Data output)
17	RESET	RESET	Input	Reset
18	P74	CD SQOUT	Input	CD SQOUT (Data input)
19	P73	TIMER LED	Output	TIMER LED control
20	AVss	AVSS	—	Analog ground
21	P17	CD CQCK	Output	CD CQCK (Clock output)
22	P16	CD DSP RES	Output	CD DSP reset
23	P15	CD FRF	Input	CD RF level detection
24	P14/ANI4	A/D T2 RUN	Input	Analog data T2 RUN
25	P13/ANI3	A/D KEYIN 1	Input	Key input 1
26	P12/ANI2	A/D KEYIN 2	Input	Key input 2
27	P11/ANI1	A/D KEYIN 3	Input	Key input 3
28	P10/ANI0	A/D DIST	Input	Key output destination
29	AVDD	AVDD	—	Analog VDD
30	AVREF	AVREF	—	Analog REF voltage

IC701 RH-IX0300AWZZ: System Microcomputer (IX0300AW) (2/2) (CD-C811W)

Pin No.	Port Name	Terminal Name	Input/Output	Function
31*	P04/XT1	—	NC	NC (Non Connect)
32*	XT2	—	NC	NC (Non Connect)
33	Vss	VSS	—	Ground voltage
34	X1	—	—	Main clock
35	X2	—	—	Main clock
36	P37	CD SLM +	Output	CD slide motor +
37	P36/BUZ	CD SLM -	Output	CD slide motor -
38	P35/PCL	CD PUIN SW	Input	CD PUIN switch
39	P34/TI2	CD O/C SW	Input	CD open close switch
40	P33/TI1	CD DISC NO SW	Input	CD DISC NO. switch
41	P32/TO2	CD U/D SW	Input	CD UP/DOWN switch
42	P31/TO1	REC/PLAY	Output	Tape record playback
43	P30/TO0	T_BIAS	Output	Tape record bias control
44	P03/INTP3/CIO	T T1T2	Output	Tape T1/T2 change
45*	P02/INTP2	TAMUTE (NC)	Output	Tape play mute
46	P02/INTP1	SYSTEM STOP	Input	System stop input
47	P00/INTP0/TIO	REMOCON	Input	Remocon input
48	IC (Vpp)	—	—	IC
49	P72	CAM SW	Input	Tape cam switch
50	P71	T. SOL	Output	Tape solenoid control
51	P70	T. MOTOR	Output	Tape motor control
52	VDD	VDD	—	VDD
53	P127/FIP33	T1 FAS	Input	Tape full autostop pulse input
54	P126/FIP32	FPA	Input	Tape A side full proof
55*	P125/FIP31	H/P MUTE	NC	NC (Non Connect)
56	P124/FIP30	S MUTE	Output	System mute
57	P123/FIP29	AC RLY CONT	Output	AC relay control
58	P122/FIP28	POWER	Output	(+) power supply
59	P121/FIP27	$\overline{\text{DIST0}}$	Input	Distination input
60	P120/FIP26	SPN_P	Input	Tuner span change
61	P117/FIP25	P15	Output	FL Display segment driver
62	P116/FIP24	P16	Output	FL Display segment driver
63	P115/FIP23	P13	Output	FL Display segment driver
64	P114/FIP22	P20	Output	FL Display segment driver
65	P113/FIP21	P14	Output	FL Display segment driver
66	P112/FIP20	P11	Output	FL Display segment driver
67	P111/FIP19	P10	Output	FL Display segment driver
68	P110/FIP18	P9	Output	FL Display segment driver
69	P107/FIP17	P8	Output	FL Display segment driver
70	P106/FIP16	P7	Output	FL Display segment driver
71	VLOAD	VLOAD	—	FL driver (-) power supply. -30V
72	P105/FIP15	P6	Output	FL Display segment driver
73	P104/FIP14	P1	Output	FL Display segment driver
74	P103/FIP13	P12	Output	FL Display segment driver
75	P102/FIP12	P19	Output	FL Display segment driver
76	P101/FIP11	P18	Output	FL Display segment driver
77	P100/FIP10	P17	Output	FL Display segment driver
78*	P97/FIP9	—	NC	NC (Non Connect)
79	P96/FIP8	5G	Output	FL Display segment driver
80	P95/FIP7	6G	Output	FL Display segment driver

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

CD-C811W/821W**IC701 RH-iX0309AWZZ: System Microcomputer (IX0309AW) (1/2) (CD-C821W)**

Pin No.	Port Name	Terminal Name	Input/Output	Function
1	VDD	VDD	—	(+) Power supply
2*	P37	ENA	Output	Dolby prologic enable terminal
3	P36	DO	Input	Data input
4	P35	DI	Output	Data output
5	P34	CE	Output	CE output
6	P33	CLK	Output	Clock output
7*,8*	P32, P31	LCK1, LCK2	Output	Clock output
9	P30	CD DSP RWC	Output	CD DSP read write control
10	RESET	RESET	Input	Reset
11	X2	X2	Output	Clock
12	X1	X1	Input	Clock
13	Vpp	VPP	—	Power supply terminal
14*	XT2	XT2	—	Open
15	P04	WRQ	Input	CD DSP write request
16	VDD	VDD	—	(+) Power supply
17	P27	PCCL	Output	CD DSP PCCL
18	P26	COIN	Output	CD DSP COMAND
19	P25	SQOUT	Input	CD DSP CODE Q OUT
20	P24	CQCK	Output	CD DSP CLOCK
21	P23	CD DSP RES	Output	CD DSP RESET
22	P22	FRF (DRF)	Input	CD RF level detection
23	P21	SLD+	Output	CD slide motor +
24	P20	SLD-	Output	CD slide motor -
25	AVss	AVSS	—	Analog ground
26	ANI7	SPEANA3	Input	Speana data input 16 KHz
27	ANI6	SPEANA2	Input	Speana data input 1 KHz
28	ANI5	SPEANA1	Input	Speana data input 63 Hz
29*	ANI4	TUN SM	Input	Tuner signal meter input
30	ANI3	T2 RUN	Input	Tape2 run pulse input
31-33	ANI2-ANI0	KEYIN3-KEYIN1	Input	Key input
34	AVDD	AVDD	—	A/D VDD
35	AVREF	AVREF	—	A/D REF Voltage
36	P03	PUIN SW	Input	CD PUIN switch
37	P02	O/C SW	Input	CD OPEN/CLOSE switch
38	INTP1	SYS STOP	Input	System stop input
39	INTP0	REMOCON	Input	Remocon input
40	Vss	VSS	—	Ground voltage
41	P74	DNO SW	Input	CD DISC NO. switch
42	P73	U/D SW	Input	CD UP/DOWN switch
43	P72	TIMER LED	Output	Timer LED control
44	P71	T_SOL	Output	Tape solenoid control
45	P70	T_MOT	Output	Tape motor control
46	VDD	VDD	—	(+) Power supply
47	P127	CAM SW	Input	Tape cam switch
48	P126	TIFAS	Input	Tape1 full autostop pulse input
49	P125	FPA	Input	Tape2 A-Side full proof
50	P124	H/P	Input	Headphone input
51	P123	AC RLY_CONT	Output	AC Relay control
52	P122	REC/PLAY	Output	Tape REC/PLAY change
53	P121	T_BIAS	Output	Tape Record bias control

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

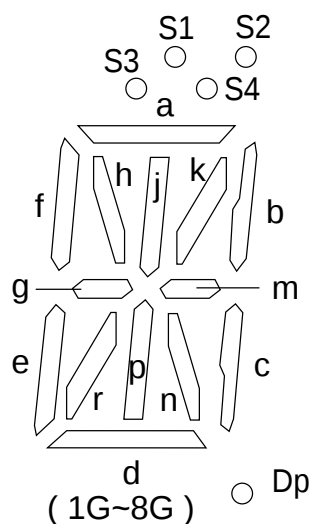
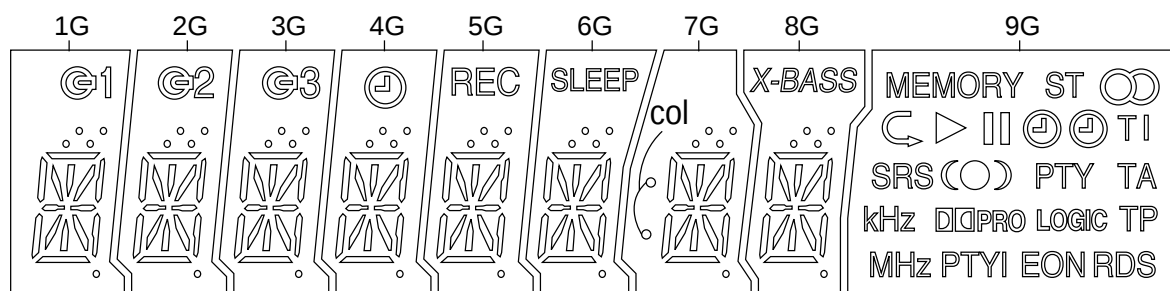
IC701 RH-iX0309AWZZ: System Microcomputer (IX0309AW) (2/2) (CD-C821W)

Pin No.	Port Name	Terminal Name	Input/Output	Function
54	P120	T_T1T2	Output	Tape T1/T2 change
55	P117	DISTO	Input	Distination input
56	P116	KEY JOG A	Input	Key jog input A
57	P115	KEY JOG B	Input	Key jog input B
58	P114	S MUTE	Output	System mute
59*	P113	C MUTE	Output	Center mute
60*	P112	SR MUTE	Output	Surround mute
61*	P111	HI-CUT	Output	HI-Cut output
62	P110	POWER	Output	Power output
63*	P107	SPRLY	Output	Speaker output relay control
64	P106	SP_DET	Input	Speaker output detection
65	P105	SPN_P	Input	Tuner span change
66	P104	DISTOUT	Output	Distination output
67	P103/FIP32	DIAS4/P22	Input	Distination input
68	P102/FIP31	DIAS3/P21	Input	Distination input
69	P101/FIP30	DIAS2/P15	Output	FL Display segment driver
70	P100/FIP29	DIAS1/P16	Output	FL Display segment driver
71-78	FIP28-FIP21	P18/P13-P11/P7	Output	FL Display segment driver
79	VLOAD	VLOAD	—	FL Driver (–) Power supp, –30V
80-89	P1-P5/P12/P17-19	P1-P5/P12/P17-P19	Output	FL Display segment driver
90*,91*	NC	NC	—	Open terminal
92-100	G1-G9	G1-G9	Output	FL Display segment driver

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

CD-C811W/821W

FL701 VVKSVA9MS13-1 : FL Display



	1G	2G	3G	4G	5G	6G	7G	8G	9G
P1	G1	G2	G3	REC	SLEEP	col	X-BASS	PTYI	
P2	S2	S2	S2	S2	S2	S2	S2	S2	
P3	S1	S1	S1	S1	S1	S1	S1	S1	TA
P4	S3	S3	S3	S3	S3	S3	S3	S3	TP
P5	S4	S4	S4	S4	S4	S4	S4	S4	RDS
P6	a	a	a	a	a	a	a	a	TI
P7	b	b	b	b	b	b	b	b	
P8	k	k	k	k	k	k	k	k	ST
P9	j	j	j	j	j	j	j	j	MEMORY
P10	h	h	h	h	h	h	h	h	PTY
P11	f	f	f	f	f	f	f	f	
P12	m	m	m	m	m	m	m	m	
P13	d	d	d	d	d	d	d	d	MHz
P14	g	g	g	g	g	g	g	g	
P15	p	p	p	p	p	p	p	p	kHz
P16	e	e	e	e	e	e	e	e	EON
P17	n	n	n	n	n	n	n	n	DI PRO LOGIC
P18	r	r	r	r	r	r	r	r	SRS (O)
P19	c	c	c	c	c	c	c	c	(L)
P20	Dp	Dp	Dp	Dp	Dp	Dp	Dp	Dp	(R)

PIN CONNECTION

Pin No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
CONNECTION	F1	F1	NP	P15	P16	P13	P20	P14	P11	P10	P9	P8	P7	P6	5G	P5	P4
Pin No.	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
CONNECTION	6G	7G	P3	P2	BG	P1	P12	P19	P18	P17	1G	2G	3G	4G	9G	F2	F2

Figure 52 FL SEGMENT

SHARP PARTS GUIDE

CD-C811W MODEL CD-C821W

CD-C811W mini component system consisting of
CD-C811W (Main unit), CP-C811W (Front speaker).

CD-C821W mini component system consisting of
CD-C821W (Main unit), CP-C821W (Front speaker)
and GBOXS0028AWM1 (Surround speaker).

"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

For U.S.A. only

Contact your nearest SHARP Parts Distributor to order.

For location of SHARP Parts Distributor,
Please call Toll-Free;
1-800-BE-SHARP

Explanation of capacitors/resistors parts codes

Capacitors

VCC Ceramic type
VCK Ceramic type
VCT Semiconductor type
VC •• MF Cylindrical type (without lead wire)
VC •• MN Cylindrical type (without lead wire)
VC •• TV Square type (without lead wire)
VC •• TQ Square type (without lead wire)
VC •• CY Square type (without lead wire)
VC •• CZ Square type (without lead wire)
VC J .. The 13th character represents capacity difference.
("J" $\pm 5\%$, "K" $\pm 10\%$, "M" $\pm 20\%$, "N" $\pm 30\%$,
"C" ± 0.25 pF, "D" ± 0.5 pF, "Z" $+80-20\%$.)

If there are no indications for the electrolytic capacitors, error is $\pm 20\%$.

Resistors

VRD Carbon-film type
VRS Carbon-film type
VRN Metal-film type
VR •• MF Cylindrical type (without lead wire)
VR •• MN Cylindrical type (without lead wire)
VR •• TV Square type (without lead wire)
VR •• TQ Square type (without lead wire)
VR •• CY Square type (without lead wire)
VR •• CZ Square type (without lead wire)
VR J .. The 13th character represents error.
("J" $\pm 5\%$, "F" $\pm 1\%$, "D" $\pm 0.5\%$.)

If there are no indications for other parts, the resistors are $\pm 5\%$ carbon-film type.

NOTE:

Parts marked with "⚠" are important for maintaining the safety of the set.

Be sure to replace parts with specified ones for maintaining the safety and performance of the set.

CD-C811W/821W

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION	NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
CD-C811W/821W									
INTEGRATED CIRCUITS									
IC1	VHILA9241M/-1	J	AS	Servo Amp.,LA9241M	D912,913	VHD1N4004S/-1	J	AB	Silicon,1N4004S
IC2	VHILC78622N-1	J	AY	Servo/Signal Control,LC78622N	D914,915	VHDRL203F/-1	J	AE	Silicon,RL203F [811W]
IC3	VHIM63001FP-1	J	AX	Focus/Tracking/Spin/Slide Driver,M63001FP	D914,915	VHD1N5402M/-1	J	AE	Silicon,1N5402M [821W]
IC302	VHILC72131/-1	J	AP	PLL (TUNER),LC72131	D916,917	VHD1N4004S/-1	J	AB	Silicon,1N4004S
IC303	VHILA1832/-1	J	AR	FM IF DET./FM MPX./AM IF, LA1832	D918~920	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
IC401	VHIM62439SP-1	J	AG	Audio Processor,M62439SP	D921~924	VHD1N4004S/-1	J	AB	Silicon,1N4004S
IC501	VHIAN7345K/-1	J	AM	Playback and Record/Playback Amp.,AN7345K	D925	VHDDS1SS133-1	J	AB	Silicon,DS1SS133
IC601	VHILA4282/-1	J	AM	Power Amp.,LA4282 [811W]	D926~929	VHD1N4004S/-1	J	AB	Silicon,1N4004S [821W Only]
IC601	VHILA4451/-1	J	AN	Power Amp.,LA4451 [821W]	LED701	VHPSLI342UCJ1	J	AC	LED,Red,SLI342UCJ1
IC701	RH-IX0309AWZZ	J	AY	System Microcomputer, IX0283AW [821W]	VD301	VHCSVC348S/-1	J	AK	Variable Capacitance,SVC348S
IC701	RX-IX0300AWZZ	J	AY	System Microcomputer, IX0300AW [811W]	ZD61	VHEMTZJ5R6B-1	J	AD	Zener,5.6V,MTZJ5.6B
IC702	VHIKIA7042AP1	J	AC	Reset,KIA7042AP [811W Only]	ZD351	VHEDZ5R1BSB-1	J	AC	Zener,5.1V,DZ5.1BSB
IC704	VHIKIA7042AP1	J	AC	Reset,KIA7042AP [821W Only]	ZD352	VHEDZ3R9BSB-1	J	AC	Zener,3.9V,DZ3.9BSB
IC901	VHIAN78L05/-1	J	AE	Constant Voltage Regulator, AN78L05	ZD401,402	VHEDZ2R4BSB-1	J	AB	Zener,2.4V,DZ2.4BSB
IC902	VHIKIA7806P-1	J	AG	Voltage Regulator,KIA7806P	ZD901	VHEDZ6R2BSA-1	J	AB	Zener,6.2V,DZ6.2BSA
IC903	VHIKIA7812P-1	J	AE	Voltage Regulator,KIA7812P	ZD902	VHEDZ300BSB-1	J	AB	Zener,30V,DZ300BSB
IC904	VHIAN78L05/-1	J	AE	Constant Voltage Regulator, AN78L05	FILTERS				
TRANSISTORS					CF302	RFILF0124AFZZ	J	AD	FM IF,10.7 MHz
Q1	VS2SA1318/-1	J	AC	Silicon,PNP,2SA1318	CF351	RFILF0003AWZZ	J	AK	FM IF
Q51	VSKRC102M/-1	J	AC	Digital,NPN,KRC102 M	CF352	RFILA0009AWZZ	J	AE	AM IF
Q52	VSKTC3203Y/-1	J	AC	Silicon,NPN,KTC3203 Y	TRANSFORMERS				
Q353,354	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR	△PT901	RTRNP0255AWZZ	J	AN	Power [811W]
Q360	VSKTA1266GR-1	J	AB	Silicon,PNP,KTA1266 GR	△PT901	RTRNP0257AWZZ	J	BB	Power [821W]
Q361	VSKRC107M/-1	J	AC	Digital,NPN,KRC107 M	△PT902	RTRNP0239AWZZ	J	AP	Power [821W]
Q371	VSKTA1266GR-1	J	AB	Silicon,PNP,KTA1266 GR	△PT902	RTRNP0239AWZZ	J	AP	Power [811W]
Q401,402	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR	T302	RCILA1064AFZZ	J	AD	AM Tracking
Q501	VSKTA1266GR-1	J	AB	Silicon,PNP,KTA1266 GR	T306	RCILB1074AFZZ	J	AC	AM OSC.
Q502~505	VS2SC2389SE-1	J	AD	Silicon,NPN,2SC2389 SE	T351	RCILI0011AWZZ	J	AD	AM IF
Q506,507	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR	COILS				
Q508,509	VSKRC104M/-1	J	AC	Digital,NPN,KRC104 M	L61	VP-XHR82K0000	J	AC	0.82 μH,Choke
Q510,511	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR [821W Only]	L342	VP-DH2R2K0000	J	AB	2.2 mH,Peaking
Q512,513	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR	L351,352	VP-DH101K0000	J	AB	100 μH,Choke
Q514	VSKTA1266GR-1	J	AB	Silicon,PNP,KTA1266 GR	L353	VP-DH102K0000	J	AB	1 mH,Choke
Q515	VSKRC104M/-1	J	AC	Digital,NPN,KRC104 M	L501,502	VP-DH2R2K0000	J	AB	2.2 mH,Peaking [821W Only]
Q516	VSKTC3203Y/-1	J	AC	Silicon,NPN,KTC3203 Y	L503	VP-MK331K0000	J	AB	330 μH,Choke
Q631,632	VSKRC102M/-1	J	AC	Digital,NPN,KRC102 M [811W Only]	L701	VP-DH101K0000	J	AB	100 μH,Choke [811W Only]
Q701	VSKTA1273Y/-1	J	AE	Silicon,PNP,KTA1273 [811W Only]	L702	VP-DH101K0000	J	AB	100 μH,Choke [821W Only]
Q702	VSKTA1271Y/-1	J	AC	Silicon,PNP,KTA1271 Y [811W]	VARIABLE RESISTOR				
Q702	VSKTA1273Y/-1	J	AE	Silicon,PNP,KTA1273 Y [821W]	VR351	RVR-M0026AWZZ	J	AC	10 kohm (B),Semi-VR [FM Mute Level]
Q703	VSKRC107M/-1	J	AC	Digital,NPN,KRC107 M [811W]	VIBRATORS				
Q703	VSKTA1271Y/-1	J	AC	Silicon,PNP,KTA1271 Y [821W]	X1	92LCRSTL1746AT	J	AH	Crystal,16.93 MHz
Q704	VSKRC102M/-1	J	AC	Digital,NPN,KRC102 M	X351	92LCRSTL1425A	J	AF	Crystal,456 kHz
Q705	VSKRC107M/-1	J	AC	Digital,NPN,KRC107 M [821W Only]	X352	RCRSP0002AWZZ	J	AH	Crystal,4.5 MHz
Q901	VSKTA1266GR-1	J	AB	Silicon,PNP,KTA1266 GR	XL701	RCRSP0003AWZZ	J	AH	Crystal,4.19MHz
Q902	VSKRC107M/-1	J	AC	Digital,NPN,KRC107 M	CAPACITORS				
DIODES					C1	VCEAZA1CW476M	J	AB	47 μF,16V,Electrolytic
D1	VHD1SS133/-1	J	AA	Silicon,1SS133	C2	VCKYTV1HB103K	J	AA	0.01 μF,50V
D81,82	VHD1SS133/-1	J	AA	Silicon,1SS133	C3	VCEAZA1HW105M	J	AB	1 μF,50V,Electrolytic
D91~93	VHD1SS133/-1	J	AA	Silicon,1SS133	C4	VCEAZA1HW104M	J	AB	0.1 μF,50V,Electrolytic
D301~304	VHD1SS133/-1	J	AA	Silicon,1SS133	C5,6	VCTYPA1CX333K	J	AA	0.033 μF,16V
D351~353	VHD1SS133/-1	J	AA	Silicon,1SS133	C7	VCEAZA1HW104M	J	AB	0.1 μF,50V,Electrolytic
D631,632	VHDDS1SS133-1	J	AB	Silicon,DS1SS133 [811W Only]	C8	VCTYPA1CX683K	J	AA	0.068 μF,16V
D701~704	VHDDS1SS133-1	J	AB	Silicon,DS1SS133	C9	VCTYPA1CX473K	J	AA	0.047 μF,16V
D705	VHDDS1SS133-1	J	AB	Silicon,DS1SS133 [811W Only]	C10	VCCSTV1HL181J	J	AA	180 pF,50V
D707,708	VHDDS1SS133-1	J	AB	Silicon,DS1SS133 [811W Only]	C11,12	VCTYPA1CX104K	J	AB	0.1 μF,16V
D716~721	VHDDS1SS133-1	J	AB	Silicon,DS1SS133	C13	VCKYTV1HB331K	J	AA	330 pF,50V
D901~904	VHDDS1SS133-1	J	AB	Silicon,DS1SS133	C14,15	VCKYTV1HB103K	J	AA	0.01 μF,50V
D905~909	VHD1N4004S/-1	J	AB	Silicon,1N4004S	C16	VCKYTV1HB472K	J	AA	0.0047 μF,50V
D910,911	VHDRL203F/-1	J	AE	Silicon,RL203F [811W]	C17	VCKYTV1HB102K	J	AA	0.001 μF,50V
D910,911	VHD1N5402M/-1	J	AE	Silicon,1N5402M [821W]	C18	VCEAZA1HW474M	J	AB	0.47 μF,50V,Electrolytic
					C19	VCEAZA1HW105M	J	AB	1 μF,50V,Electrolytic
					C20	VCEAZA1CW476M	J	AB	47 μF,16V,Electrolytic
					C21	VCKYTV1HB332K	J	AA	0.0033 μF,50V
					C22	VCCSPA1HL221J	J	AA	220 pF,50V
					C23	VCKYTV1HB272K	J	AA	0.0027 μF,50V
					C24	VCCSTV1HL2R2C	J	AB	2.2 pF,50V
					C25	VCCSTV1HL270J	J	AA	27 pF,50V
					C26	VCTYPA1CX333K	J	AA	0.033 μF,16V
					C27	VCKYTV1HB102K	J	AA	0.001 μF,50V

CD-C811W/821W

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION	NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
C28	VCTYPA1CX104K	J	AB	0.1 μF,16V	C412	VCQYKA1HM683J	J	AB	0.068 μF,50V,Mylar [821W]
C29	VCEAZA1HW475M	J	AB	4.7 μF,50V,Electrolytic	C413	VCEAZA1HW106M	J	AB	10 μF,50V,Electrolytic
C30	VCEAZA1HW104M	J	AB	0.1 μF,50V,Electrolytic	C414	VCQYKA1HM223K	J	AB	0.022 μF,50V,Mylar
C31	VCEAZA0JW227M	J	AC	220 μF,6.3V,Electrolytic	C415	VCQYKA1HM333K	J	AB	0.033 μF,50V,Mylar
C32	VCKYTV1HB103K	J	AA	0.01 μF,50V	C416	VCFYHA1HA473J	J		0.047 μF,50V,Thin Film [811W]
C33	VCEAZA1HW474M	J	AB	0.47 μF,50V,Electrolytic	C416	VCQYKA1HM683J	J	AB	0.068 μF,50V,Mylar [821W]
C34	VCEAZA1HW334M	J	AB	0.33 μF,50V,Electrolytic	C417	VCCSMN1HL4R7C	J	AA	4.7 pF,50V
C35	VCEAZA1HW105M	J	AB	1 μF,50V,Electrolytic	C418,419	VCEAEA1HW475M	J	AB	4.7 μF,50V,Electrolytic
C36	VCEAZA1CW107M	J	AC	100 μF,16V,Electrolytic	C422	VCEAZA1HW106M	J	AB	10 μF,50V,Electrolytic
C37	VCKZPA1HF223Z	J	AA	0.022 μF,50V	C423	VCTYMN1EF223Z	J	AA	0.022 μF,25V
C38	VCKYTV1HB103K	J	AA	0.01 μF,50V	C424	VCFYHA1HA334J	J	AC	0.33 μF,50V,Thin Film
C39,40	VCTYPA1CX473K	J	AA	0.047 μF,16V	C425	VCKYMN1HB471K	J	AA	470 pF,50V [821W Only]
C43	VCEAZA0JW337M	J	AC	330 μF,6.3V,Electrolytic	C451	VCEAZA1CW476M	J	AB	47 μF,16V,Electrolytic [811W Only]
C44~47	VCCCTV1HH101J	J	AA	100 pF (CH),50V	C451~454	VCKYMN1HB471K	J	AA	470 pF,50V [811W Only]
C48	VCCSPA1HL101J	J	AA	100 pF,50V	C453,454	VCTYMN1CX222K	J	AA	0.0022 μF,16V [811W Only]
C49	VCCCTV1HH101J	J	AA	100 pF (CH),50V	C501,502	VCKYMN1HB102K	J	AA	0.001 μF,50V
C50	VCKYTV1EF223Z	J	AA	0.022 μF,25V	C503,504	VCKYMN1HB181K	J	AA	180 pF,50V
C51,52	VCEAZA1CW107M	J	AC	100 μF,16V,Electrolytic	C505	VCKYPA1HF473Z	J	AB	0.047 μF,50V [811W]
C54	VCKYTV1HB102K	J	AA	0.001 μF,50V	C505	VCKZPA1HF473Z	J	AA	0.047 μF,50V [821W]
C55	VCEAZA1CW107M	J	AC	100 μF,16V,Electrolytic	C506,507	VCKYMN1HB102K	J	AA	0.001 μF,50V
C56	VCKYTV1EF223Z	J	AA	0.022 μF,25V	C508	VCEAZA1CW107M	J	AC	100 μF,16V,Electrolytic
C57	VCKYBT1HB102K	J	AA	0.001 μF,50V	C509~512	VCKYMN1HB331K	J	AA	330 pF,50V
C71,72	VCEAZA1HW106M	J	AB	10 μF,50V,Electrolytic	C513	VCEAZA1HW335M	J	AB	3.3 μF,50V,Electrolytic [821W Only]
C73,74	VCKYTV1HB221K	J	AA	220 pF,50V	C514,515	VCEAZA1EW476M	J	AB	47 μF,25V,Electrolytic
C75	VCKYTV1HB102K	J	AA	0.001 μF,50V	C516,517	VCTYPA1EX333K	J	AA	0.033 μF,25V
C76	VCKZPA1HF223Z	J	AA	0.022 μF,50V	C518,519	VCKYMN1HB561K	J	AA	560 pF,50V
C77	VCEAZA1CW107M	J	AC	100 μF,16V,Electrolytic	C520,521	VCEAEA1HW105M	J	AB	1 μF,50V,Electrolytic
C82	VCEAZA1CW107M	J	AC	100 μF,16V,Electrolytic	C522	VCEAZA1HW335M	J	AB	3.3 μF,50V,Electrolytic [821W Only]
C83	VCTYBT1EF223Z	J	AA	0.022 μF,25V	C523	VCTYMN1EF223Z	J	AA	0.022 μF,25V
C301	VCKYMN1HB102K	J	AA	0.001 μF,50V	C524	VCEAZA1CW476M	J	AB	47 μF,16V,Electrolytic [821W Only]
C321	VCEAZA1CW107M	J	AC	100 μF,16V,Electrolytic	C525	VCEAEA1HW335M	J	AB	3.3 μF,50V,Electrolytic [811W]
C323	VCTYMN1EF223Z	J	AA	0.022 μF,25V	C525	VCEAZA1HW335M	J	AB	3.3 μF,50V,Electrolytic [821W]
C330	VCCCMN1HH150J	J	AA	15 pF (CH),50V	C526,527	VCKYMN1HB102K	J	AA	0.001 μF,50V
C331	VCKYPA1HF473Z	J	AB	0.047 μF,50V	C528,529	VCEAEA1CW226M	J	AB	22 μF,16V,Electrolytic
C332	VCTYMN1EF223Z	J	AA	0.022 μF,25V	C530,531	VCTYPA1CX683K	J	AA	0.068 μF,16V
C334	VCCUMN1HJ270J	J	AA	27 pF (UJ),50V	C532,533	VCTYMN1CX332K	J	AA	0.0033 μF,16V
C335	VCCSPA1HL561J	J	AA	560 pF,50V	C534,535	VCEAEA1HW105M	J	AB	1 μF,50V,Electrolytic
C337	VCTYMN1EF223Z	J	AA	0.022 μF,25V	C536	VCEAEA1CW226M	J	AB	22 μF,16V,Electrolytic
C338	VCKYMN1HB102K	J	AA	0.001 μF,50V	C537	VCEAZA1AW227M	J	AC	220 μF,10V,Electrolytic
C341,342	VCTYMN1EF223Z	J	AA	0.022 μF,25V	C538	VCKYMN1HB221K	J	AA	220 pF,50V [811W]
C343	VCCSMN1HL330J	J	AA	33 pF,50V	C538	VCKYMN1HB471K	J	AA	470 pF,50V [821W]
C345~347	VCTYMN1EF223Z	J	AA	0.022 μF,25V	C539	VQCQKA2AA392J	J	AB	0.0039 μF,100V,Polypropylene
C350,351	VCTYMN1EF223Z	J	AA	0.022 μF,25V	C540	VCQYKA1HM273K	J	AB	0.027 μF,50V,Mylar
C352	VCEAZA1CW106M	J	AC	10 μF,16V,Electrolytic	C541	VCEAZA1CW476M	J	AB	47 μF,16V,Electrolytic
C353,354	VCTYMN1EF223Z	J	AA	0.022 μF,25V	C550	VCTYPA1CX273K	J	AA	0.027 μF,16V [821W Only]
C355	VCCSMN1HL220J	J	AA	22 pF,50V	C551	VCTYMN1CY103N	J	AA	0.01 μF,16V [811W]
C356	VCKYMN1HB102K	J	AA	0.001 μF,50V	C551	VCTYPACX273K	J	AA	0.027 μF,16V [821W]
C357	VCEAZA1HW225M	J	AB	2.2 μF,50V,Electrolytic	C552	VCTYMN1CY103N	J	AA	0.01 μF,16V [811W Only]
C358	VCEAZA1HW105M	J	AB	1 μF,50V,Electrolytic	C601,602	VCEAZA1CW106M	J	AC	10 μF,16V,Electrolytic [811W]
C361	VCTYMN1EF223Z	J	AA	0.022 μF,25V	C601,602	VCTYMN1CX152K	J	AA	0.0015 μF,16V [821W]
C362	VCEAZA1HW335M	J	AB	3.3 μF,50V,Electrolytic	C603,604	VCEAEA1HW105M	J	AB	1 μF,50V,Electrolytic [821W]
C363	VCTYMN1EF223Z	J	AA	0.022 μF,25V	C603,604	VCKYPA1HB471K	J	AA	470 pF,50V [811W]
C364	VCEAZA1CW106M	J	AC	10 μF,16V,Electrolytic	C605	VCEAZA1EW107M	J	AB	100 μF,25V,Electrolytic [811W]
C365	VCTYPACX223K	J	AA	0.022 μF,16V	C605	VCEAZA1HW107M	J	AC	100 μF,50V,Electrolytic [821W]
C366	VCKYMN1HB102K	J	AA	0.001 μF,50V	C606,607	VCQYKA1HM823K	J	AC	0.082 μF,50V,Mylar [811W]
C367,368	VCEAZA1HW105M	J	AB	1 μF,50V,Electrolytic	C607	VCEAZA1HW227M	J	AC	220 μF,50V,Electrolytic [821W]
C370~372	VCEAZA1HW105M	J	AB	1 μF,50V,Electrolytic	C608	VCEAZA1EW107M	J	AB	100 μF,25V,Electrolytic [811W]
C373,374	VCTYPACX153K	J	AA	0.015 μF,16V	C608	VCEAZA1HW107M	J	AC	100 μF,50V,Electrolytic [821W]
C375	VCEAZA1HW335M	J	AB	3.3 μF,50V,Electrolytic	C609,610	VCEAZA1EW477M	J	AD	470 μF,25V,Electrolytic [811W]
C380	VCEAZA1CW106M	J	AC	10 μF,16V,Electrolytic	C610	VCKYMN1HB102K	J	AA	0.001 μF,50V [821W]
C381	VCCCMN1HH120J	J	AA	12 pF (CH),50V	C611	VCKYPA1HB221K	J	AA	220 pF,50V [821W]
C382	VCCCMN1HH150J	J	AA	15 pF (CH),50V	C611~614	VCQYKA1HM104K	J	AB	0.1 μF,50V,Mylar [811W]
C384	VCKYMN1HB102K	J	AA	0.001 μF,50V	C616	VCKYPA1HF223Z	J	AB	0.022 μF,50V [821W Only]
C385	VCTYMN1CY103K	J	AA	0.01 μF,16V	C617,618	VCKYPA1HF473Z	J	AB	0.047 μF,50V [821W Only]
C386	VCKYMN1HB331K	J	AA	330 pF,50V	C621	VCEAZA1HW476M	J	AB	47 μF,50V,Electrolytic [821W Only]
C387	VCTYMN1EF223Z	J	AA	0.022 μF,25V	C631	VCKYPA1HF223Z	J	AB	0.022 μF,50V [811W Only]
C391	VCEAZA1CW476M	J	AB	47 μF,16V,Electrolytic	C632	VCEAZA1EW476M	J	AB	47 μF,25V,Electrolytic [811W]
C392	VCKYMN1HB102K	J	AA	0.001 μF,50V	C633	VCKYMN1HB221K	J	AA	220 pF,50V [811W]
C393	VCEAZA1HW105M	J	AB	1 μF,50V,Electrolytic	C634	VCQYKA1HM223K	J	AB	0.022 μF,50V,Mylar [811W Only]
C394	VCEAZA1CW476M	J	AB	47 μF,16V,Electrolytic	C635	VCEAZA1HW106M	J	AB	10 μF,50V,Electrolytic [811W]
C395	VCTYMN1EF223Z	J	AA	0.022 μF,25V	C636	VCKYMN1HB102K	J	AA	0.001 μF,50V [811W]
C396	VCEAZA1AW107M	J	AB	100 μF,10V,Electrolytic	C638	VCEAZA1HW476M	J	AB	47 μF,50V,Electrolytic [821W Only]
C397	VCTYMN1EF223Z	J	AA	0.022 μF,25V	C701	VCCCMN1HH150J	J	AA	15 pF (CH),50V [811W Only]
C398	VCEAZA1AW107M	J	AB	100 μF,10V,Electrolytic	C702	VCCCMN1HH180J	J	AA	18 pF (CH),50V [811W]
C399	VCTYMN1EF223Z	J	AA	0.022 μF,25V	C702	VCEAEA1HW105M	J	AB	1 μF,50V,Electrolytic [821W]
C401,402	VCKYMN1HB102K	J	AA	0.001 μF,50V	C703,704	VCEAEA1HW105M	J	AB	1 μF,50V,Electrolytic
C403	VCEAZA1EW226M	J	AB	22 μF,25V,Electrolytic					
C404,405	VCEAZA1HW106M	J	AB	10 μF,50V,Electrolytic					
C406,407	VCEAEA1HW475M	J	AB	4.7 μF,50V,Electrolytic					
C410	VCFYHA1HA334J	J	AC	0.33 μF,50V,Thin Film					
C411	VCQYKA1HM333K	J	AB	0.033 μF,50V,Mylar					
C412	VCFYHA1HA473J	J		0.047 μF,50V,Thin Film [811W]					

CD-C811W/821W

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
				[811W Only]
C705	VCEAZA1CW476M	J	AB	47 μF,16V,Electrolytic [811W]
C705	VCEAZA1EW476M	J	AB	47 μF,25V,Electrolytic [821W]
C706	VCEAEA1HW105M	J	AB	1 μF,50V,Electrolytic [821W]
C706	VCTYMN1EF223Z	J	AA	0.022 μF,25V [811W]
C707	VCCSMN1HL150J	J	AA	15 pF,50V [821W]
C707	VCEAZA0JW227M	J	AC	220 μF,6.3V,Electrolytic [811W]
C708	VCCSMN1HL180J	J	AA	18 pF,50V [821W Only]
C709	VCKZPA1HF223Z	J	AA	0.022 μF,50V [821W]
C709	VCTYPA1CX223K	J	AA	0.022 μF,16V [811W]
C710	VCEAZA1AW227M	J	AC	220 μF,10V,Electrolytic [821W]
C710	VCKYPA1HB103K	J	AA	0.01 μF,50V [811W]
C711	VCKYPA1HB103K	J	AA	0.01 μF,50V [821W Only]
C712	VCEAEA1HW335M	J	AB	3.3 μF,50V,Electrolytic
C713	VCKYPA1HF223Z	J	AB	0.022 μF,50V [811W]
C713	VCKZPA1HF223Z	J	AA	0.022 μF,50V [821W]
C714	VCTYMN1EF223Z	J	AA	0.022 μF,25V
C715	VCEAZA1EW476M	J	AB	47 μF,25V,Electrolytic
C717	VCEAZA1HW104M	J	AB	0.1 μF,50V,Electrolytic [821W Only]
C721	VCEAEA1HW105M	J	AB	1 μF,50V,Electrolytic [821W Only]
C722	VCTYMN1EF223Z	J	AA	0.022 μF,25V [811W Only]
C773	VCTYPA1CX472K	J	AA	0.0047 μF,16V [811W Only]
C774	VCEAZA1AW107M	J	AB	100 μF,10V,Electrolytic [811W Only]
C775	VCEAZA1HW225M	J	AB	2.2 μF,50V,Electrolytic [811W Only]
C901	VCEAZA1CW476M	J	AB	47 μF,16V,Electrolytic [811W]
C901	VCEAZA1EW476M	J	AB	47 μF,25V,Electrolytic [821W]
C902	VCQYKA1HM223K	J	AB	0.022 μF,50V,Myar [811W]
C902	VCQYKA1HM473K	J	AB	0.047 μF,50V,Myar [821W]
C903	VCEAZA1CW476M	J	AB	47 μF,16V,Electrolytic [821W]
C903	VCEAZA1EW476M	J	AB	47 μF,25V,Electrolytic [811W]
C904	VCQYKA1HM473K	J	AB	0.047 μF,50V,Myar
C905	VCQYKA1HM223K	J	AB	0.022 μF,50V,Myar [821W]
C905	VCQYKA1HM473K	J	AB	0.047 μF,50V,Myar [811W]
C906	VCQYKA1HM223K	J	AB	0.022 μF,50V,Myar
C907	VCEAZA1CW107M	J	AC	100 μF,16V,Electrolytic [811W]
C907	VCEAZA1CW476M	J	AB	47 μF,16V,Electrolytic [821W]
C908-910	VCQYKA1HM104K	J	AB	0.1 μF,50V,Myar
C911	VCEAZW1EW338M	J	AG	3300 μF,25V,Electrolytic
C912	VCEAZW1HW228M	J	AH	2200 μF,50V,Electrolytic
C913	VCEAZV1EW108M	J	AE	1000 μF,25V,Electrolytic
C914	VCEAZA1EW107M	J	AB	100 μF,25V,Electrolytic
C915	VCEAZA1VW107M	J	AC	100 μF,35V,Electrolytic
C916-918	VCEAZA1HW476M	J	AB	47 μF,50V,Electrolytic
C919,920	VCEAZA1HW107M	J	AC	100 μF,50V,Electrolytic
C921,922	VCQYKA1HM104K	J	AB	0.1 μF,50V,Myar
C923,924	VCQYKA1HM473K	J	AB	0.047 μF,50V,Myar
C925	VCEAZA0JW108M	J	AC	1000 μF,6.3V,Electrolytic
C926	VCEAZA1CW106M	J	AC	10 μF,16V,Electrolytic
C927	VCEAZA1EW477M	J	AD	470 μF,25V,Electrolytic
C928	VCQYKA1HM473K	J	AB	0.047 μF,50V,Myar
△C929	RC-KZ001LAWZZ	J	AB	0.0047 μF,250V

RESISTORS

	VRD-MN2BD000C	J	AA	0 ohm,Jumper,ø1.4x3.5mm,Ivory
	VRS-TV2AB000J	J	AA	0 ohm,Jumper,1.25x2mm,Green
R1	VRS-TV2AB220J	J	AA	22 ohms,1/10W
R2	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R8	VRS-TV2AB153J	J	AA	15 kohms,1/10W
R9	VRS-TV2AB104J	J	AA	100 kohm,1/10W
R10	VRS-TV2AB222J	J	AA	2.2 kohms,1/10W
R11	VRD-ST2CD682J	J	AA	6.8 kohms,1/6W
R12	VRD-ST2CD101J	J	AA	100 ohm,1/6W
R13	VRS-TV2AB102J	J	AA	1 kohm,1/10W
R14	VRS-TV2AB273J	J	AA	27 kohms,1/10W
R15	VRS-TV2AB123J	J	AA	12 kohms,1/10W
R16	VRS-TV2AB332J	J	AA	33 kohms,1/10W
R17	VRS-TV2AB333J	J	AA	33 kohms,1/10W
R18	VRS-TV2AB153J	J	AA	15 kohms,1/10W
R19	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R20	VRS-TV2AB102J	J	AA	1 kohm,1/10W
R21	VRS-TV2AB152J	J	AA	1.5 kohms,1/10W
R22	VRS-TV2AB821J	J	AA	820 ohms,1/10W
R23	VRS-TV2AB103J	J	AA	10 kohm,1/10W
R24	VRS-TV2AB473J	J	AA	47 kohms,1/10W
R25	VRS-TV2AB152J	J	AA	1.5 kohms,1/10W
R26	VRS-TV2AB823J	J	AA	82 kohms,1/10W
R27	VRS-TV2AB393J	J	AA	39 kohms,1/10W

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
R28	VRS-TV2AB103J	J	AA	10 kohm,1/10W
R29	VRS-TV2AB563J	J	AA	56 kohms,1/10W
R30	VRS-TV2AB682J	J	AA	6.8 kohms,1/10W
R31	VRS-TV2AB122J	J	AA	1.2 kohms,1/10W
R32	VRS-TV2AB103J	J	AA	10 kohm,1/10W
R33	VRS-TV2AB122J	J	AA	1.2 kohms,1/10W
R34	VRS-TV2AB102J	J	AA	1 kohm,1/10W
R35,36	VRS-TV2AB224J	J	AA	220 kohms,1/10W
R37	VRD-ST2CD823J	J	AA	82 kohms,1/6W
R38	VRS-TV2AB471J	J	AA	470 ohms,1/10W
R39	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R40	VRS-TV2AB562J	J	AA	5.6 kohms,1/10W
R41,42	VRS-TV2AB473J	J	AA	47 kohms,1/10W
R43	VRS-TV2AB563J	J	AA	56 kohms,1/10W
R44	VRS-TV2AB333J	J	AA	33 kohms,1/10W
R45	VRS-TV2AB472J	J	AA	4.7 kohms,1/10W
R46	VRS-TV2AB561J	J	AA	560 ohms,1/10W
R47	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R50	VRS-TV2AB681J	J	AA	680 ohms,1/10W
R51	VRD-ST2CD335J	J	AA	3.3 Mohms,1/6W
R52	VRS-TV2AB273J	J	AA	27 kohms,1/10W
R53	VRS-TV2AB122J	J	AA	1.2 kohms,1/10W
R55	VRD-ST2CD101J	J	AA	100 ohm,1/6W
R56	VRS-TV2AB223J	J	AA	22 kohms,1/10W
R57	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R58-60	VRS-TV2AB102J	J	AA	1 kohm,1/10W
R61-63	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R64	VRS-TV2AB220J	J	AA	22 ohms,1/10W
R65	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R66	VRS-TV2AB221J	J	AA	220 ohms,1/10W
R71,72	VRD-ST2CD272J	J	AA	2.7 kohms,1/6W
R73,74	VRS-TV2AB104J	J	AA	100 kohm,1/10W
R80,81	VRD-ST2CD821J	J	AA	820 ohms,1/6W
R82,83	VRS-TV2AB391J	J	AA	390 ohms,1/10W
R84	VRD-ST2CD222J	J	AA	2.2 kohms,1/6W
R88,89	VRD-ST2CD122J	J	AA	1.2 kohms,1/6W
R90	VRD-ST2CD221J	J	AA	220 ohms,1/6W
R91	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R93	VRS-TV2AB221J	J	AA	220 ohms,1/10W
R323	VRD-MN2BD683J	J	AA	68 kohms,1/8W
R336	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R344	VRD-MN2BD471J	J	AA	470 ohms,1/8W
R345	VRD-MN2BD472J	J	AA	4.7 kohms,1/8W
R350	VRD-ST2CD272J	J	AA	2.7 kohms,1/6W
R351	VRD-MN2BD562J	J	AA	5.6 kohms,1/8W
R352	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R353	VRD-MN2BD271J	J	AA	270 ohms,1/8W
R354	VRD-ST2CD392J	J	AA	3.9 kohms,1/6W
R355	VRD-MN2BD332J	J	AA	3.3 kohms,1/8W
R356	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R357	VRD-ST2CD474J	J	AA	470 kohms,1/6W
R358	VRD-MN2BD822J	J	AA	8.2 kohms,1/8W
R359	VRD-MN2BD182J	J	AA	1.8 kohms,1/8W
R360	VRD-MN2BD472J	J	AA	4.7 kohms,1/8W
R361,362	VRD-MN2BD122J	J	AA	1.2 kohms,1/8W
R363,364	VRD-MN2BD473J	J	AA	47 kohms,1/8W
R365,366	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R367	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R368	VRD-ST2CD333J	J	AA	33 kohms,1/6W
R369	VRD-MN2BD122J	J	AA	1.2 kohms,1/8W
R371-374	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R375	VRD-ST2EE680J	J	AA	68 ohms,1/4W
R376	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R377	VRD-ST2CD473J	J	AA	47 kohms,1/6W
R378	VRD-MN2BD823J	J	AA	82 kohms,1/8W
R379	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W
R380	VRD-MN2BD152J	J	AA	1.5 kohms,1/8W
R381	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R382	VRD-ST2EE151J	J	AA	150 ohms,1/4W
R383-385	VRD-MN2BD562J	J	AA	5.6 kohms,1/8W
R387	VRD-MN2BD223J	J	AA	22 kohms,1/8W
R391,392	VRD-ST2EE391J	J	AA	390 ohms,1/4W
R393	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R395	VRD-ST2CD473J	J	AA	47 kohms,1/6W
R398	VRD-ST2CD122J	J	AA	1.2 kohms,1/6W
R401	VRD-MN2BD331J	J	AA	330 ohms,1/8W
R402	VRD-ST2CD331J	J	AA	330 ohms,1/6W
R403,404	VRD-MN2BD103J	J	AA	10 kohm,1/8W [821W Only]
R405	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W [811W]
R405	VRD-ST2CD222J	J	AA	2.2 kohms,1/6W [821W]
R406	VRD-ST2CD222J	J	AA	2.2 kohms,1/6W
R407	VRD-MN2BD223J	J	AA	22 kohms,1/8W

CD-C811W/821W

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION	NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
R408,409	VRD-MN2BD103J	J	AA	10 kohm,1/8W [821W]	R607	VRD-MN2BD221J	J	AA	220 ohms,1/8W [821W]
R408,409	VRD-MN2BD472J	J	AA	4.7 kohms,1/8W [811W]	R608	VRD-ST2CD121J	J	AA	120 ohms,1/6W [811W]
R410	VRD-MN2BD332J	J	AA	3.3 kohms,1/8W	R608,609	VRD-ST2EE4R7J	J	AA	4.7 ohms,1/4W [821W]
R411	VRD-MN2BD332J	J	AA	3.3 kohms,1/8W [821W]	R609	VRD-RT2HD271J	J	AA	270 ohms,1/2W [811W]
R411	VRD-ST2CD332J	J	AA	3.3 kohms,1/6W [811W]	R610	VRD-RT2HD271J	J	AA	270 ohms,1/2W
R412	VRD-MN2BD331J	J	AA	330 ohms,1/8W	R611	VRD-RT2HD271J	J	AA	270 ohms,1/2W [821W]
R413	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W	R611,612	VRD-ST2EE4R7J	J	AA	4.7 ohms,1/4W [811W]
R414~416	VRD-ST2CD152J	J	AA	1.5 kohms,1/6W	R613,614	VRD-ST2EE331J	J	AA	330 ohms,1/4W [811W]
R417	VRD-RT2HD561J	J	AA	560 ohms,1/2W	R616,617	VRD-RT2HD331J	J	AA	330 ohms,1/2W [821W Only]
R418	VRD-MN2BD392J	J	AA	3.9 kohms,1/8W [821W]	R631	VRD-ST2CD223J	J	AA	22 kohms,1/6W [811W Only]
R418	VRD-MN2BD562J	J	AA	5.6 kohms,1/8W [811W]	R632	VRD-ST2EE821J	J	AA	820 ohms,1/4W [811W Only]
R419	VRD-MN2BD103J	J	AA	10 kohm,1/8W	R633	VRD-ST2CD563J	J	AA	56 kohms,1/6W [811W Only]
R420,421	VRD-MN2BD152J	J	AA	1.5 kohms,1/8W	R701	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R422	VRD-ST2CD152J	J	AA	1.5 kohms,1/6W	R702	VRD-MN2BD102J	J	AA	1 kohm,1/8W [811W Only]
R423	VRD-ST2CD103J	J	AA	10 kohm,1/6W [821W]	R703	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R423	VRD-ST2CD153J	J	AA	15 kohms,1/6W [811W]	R704~708	VRD-MN2BD102J	J	AA	1 kohm,1/8W [811W Only]
R424	VRD-RT2HD561J	J	AA	560 ohms,1/2W [821W]	R709	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R424	VRD-RT2HD821J	J	AA	820 ohms,1/2W [811W]	R710	VRD-MN2BD102J	J	AA	1 kohm,1/8W [811W Only]
R425	VRD-MN2BD331J	J	AA	330 ohms,1/8W	R711	VRD-MN2BD102J	J	AA	1 kohm,1/8W [811W]
R426	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W	R711	VRD-ST2CD472J	J	AA	4.7 kohms,1/6W [821W]
R427	VRD-MN2BD473J	J	AA	47 kohms,1/8W [821W Only]	R712	VRD-ST2CD222J	J	AA	2.2 kohms,1/6W [811W]
R428	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W [811W]	R712~714	VRD-MN2BD102J	J	AA	1 kohm,1/8W [821W]
R428	VRD-MN2BD473J	J	AA	47 kohms,1/8W [821W]	R713	VRD-MN2BD102J	J	AA	1 kohm,1/8W [811W]
R429	VRD-MN2BD271J	J	AA	270 ohms,1/8W [821W Only]	R714	VRD-ST2CD222J	J	AA	2.2 kohms,1/6W [811W]
R430	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W [811W]	R715	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R430	VRD-MN2BD271J	J	AA	330 ohms,1/8W [821W]	R716	VRD-ST2CD102J	J	AA	1 kohm,1/6W [811W Only]
R451,452	VRD-ST2CD330J	J	AA	33 ohms,1/6W [811W Only]	R717~719	VRD-MN2BD102J	J	AA	1 kohm,1/8W [811W Only]
R501	VRD-MN2BD103J	J	AA	10 kohm,1/8W	R720	VRD-ST2CD103J	J	AA	10 kohm,1/6W [821W Only]
R502	VRD-ST2CD103J	J	AA	10 kohm,1/6W	R721,722	VRD-MN2BD102J	J	AA	1 kohm,1/8W [811W Only]
R503	VRD-MN2BD103J	J	AA	10 kohm,1/8W	R723	VRD-MN2BD104J	J	AA	100 kohm,1/8W [821W]
R504	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W	R723,724	VRD-MN2BD102J	J	AA	1 kohm,1/8W [811W]
R505,506	VRD-MN2BD332J	J	AA	3.3 kohms,1/8W	R724	VRD-ST2CD103J	J	AA	10 kohm,1/6W [821W]
R507	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W	R725	VRD-MN2BD102J	J	AA	1 kohm,1/8W [811W Only]
R508,509	VRD-MN2BD103J	J	AA	10 kohm,1/8W	R726	VRD-ST2CD102J	J	AA	1 kohm,1/6W [811W]
R510	VRD-ST2CD472J	J	AA	4.7 kohms,1/6W	R726	VRD-ST2CD103J	J	AA	10 kohm,1/6W [821W]
R511,512	VRD-MN2BD473J	J	AA	47 kohms,1/8W	R727	VRD-MN2BD102J	J	AA	1 kohm,1/8W [811W Only]
R513	VRD-ST2CD472J	J	AA	4.7 kohms,1/6W	R728,729	VRD-ST2CD102J	J	AA	1 kohm,1/6W [811W Only]
R514	VRD-MN2BD102J	J	AA	1 kohm,1/8W	R730	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R515	VRD-ST2CD102J	J	AA	1 kohm,1/6W	R731~734	VRD-MN2BD102J	J	AA	1 kohm,1/8W [811W]
R516	VRD-MN2BD151J	J	AA	150 ohms,1/8W	R731,732	VRD-ST2CD102J	J	AA	1 kohm,1/6W [821W]
R517	VRD-MN2BD102J	J	AA	1 kohm,1/8W	R733	VRD-ST2CD222J	J	AA	2.2 kohms,1/6W [821W]
R518	VRD-ST2CD102J	J	AA	1 kohm,1/6W	R734	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W [821W]
R519	VRD-ST2CD562J	J	AA	5.6 kohms,1/6W [821W Only]	R735	VRD-MN2BD182J	J	AA	1.8 kohms,1/8W [821W]
R520	VRD-MN2BD562J	J	AA	5.6 kohms,1/8W [821W Only]	R735,736	VRD-ST2CD102J	J	AA	1 kohm,1/6W [811W]
R521	VRD-MN2BD224J	J	AA	220 kohms,1/8W [821W Only]	R736	VRD-MN2BD102J	J	AA	1 kohm,1/8W [821W]
R522,523	VRD-ST2CD560J	J	AA	56 ohms,1/6W	R737	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R524,525	VRD-MN2BD104J	J	AA	100 kohm,1/8W	R738	VRD-MN2BD102J	J	AA	1 kohm,1/8W [821W]
R526,527	VRD-MN2BD392J	J	AA	3.9 kohms,1/8W	R738	VRD-ST2CD102J	J	AA	1 kohm,1/6W [811W]
R528	VRD-ST2CD102J	J	AA	1 kohm,1/6W [821W Only]	R739	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R529,530	VRD-MN2BD562J	J	AA	5.6 kohms,1/8W [821W Only]	R740	VRD-MN2BD103J	J	AA	10 kohm,1/8W [811W]
R531,532	VRD-ST2CD562J	J	AA	5.6 kohms,1/6W	R740	VRD-ST2CD102J	J	AA	1 kohm,1/6W [821W]
R533,534	VRD-MN2BD273J	J	AA	27 kohms,1/8W [811W]	R741	VRD-MN2BD102J	J	AA	1 kohm,1/8W [821W]
R533,534	VRD-MN2BD333J	J	AA	33 kohms,1/8W [821W]	R741	VRD-ST2CD104J	J	AA	100 kohm,1/6W [811W]
R535	VRD-MN2BD224J	J	AA	220 kohms,1/8W [821W Only]	R742	VRD-MN2BD103J	J	AA	10 kohm,1/8W [811W]
R536	VRD-MN2BD683J	J	AA	68 kohms,1/8W	R742	VRD-ST2CD102J	J	AA	1 kohm,1/6W [821W]
R537,538	VRD-MN2BD223J	J	AA	22 kohms,1/8W	R743	VRD-MN2BD102J	J	AA	1 kohm,1/8W [821W]
R539,540	VRD-MN2BD682J	J	AA	6.8 kohms,1/8W	R743	VRD-ST2CD122J	J	AA	1.2 kohms,1/6W [811W]
R541,542	VRD-MN2BD561J	J	AA	560 ohms,1/8W	R744	VRD-MN2BD102J	J	AA	1 kohm,1/8W [821W Only]
R543	VRD-ST2CD823J	J	AA	82 kohms,1/6W	R745	VRD-MN2BD102J	J	AA	1 kohm,1/8W [821W]
R544,545	VRD-MN2BD560J	J	AA	56 ohms,1/8W	R745	VRD-MN2BD103J	J	AA	10 kohm,1/8W [811W]
R546	VRD-ST2CD103J	J	AA	10 kohm,1/6W	R746	VRD-MN2BD103J	J	AA	10 kohm,1/8W [811W Only]
R547,548	VRD-MN2BD103J	J	AA	10 kohm,1/8W	R746	VRD-ST2CD103J	J	AA	10 kohm,1/6W [811W Only]
R549	VRD-ST2CD103J	J	AA	10 kohm,1/6W	R747	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R550	VRD-ST2CD823J	J	AA	82 kohms,1/6W	R748	VRD-MN2BD103J	J	AA	10 kohm,1/8W [811W]
R551	VRD-ST2EE221J	J	AA	220 ohms,1/4W	R748	VRD-ST2CD103J	J	AA	10 kohm,1/6W [821W]
R552	VRD-RT2HD151J	J	AA	150 ohms,1/2W	R749	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R553	VRD-MN2BD104J	J	AA	100 kohm,1/8W	R750	VRD-ST2CD103J	J	AA	10 kohm,1/6W [821W]
R554	VRD-ST2CD473J	J	AA	47 kohms,1/6W	R750~752	VRD-MN2BD103J	J	AA	10 kohm,1/8W [811W]
R555	VRD-MN2BD473J	J	AA	47 kohms,1/8W	R751	VRD-ST2CD332J	J	AA	3.3 kohms,1/6W [821W]
R556	VRD-MN2BD472J	J	AA	4.7 kohms,1/8W	R752	VRD-ST2CD103J	J	AA	10 kohm,1/6W [821W]
R557	VRD-MN2BD120J	J	AA	12 ohms,1/8W	R753	VRD-MN2BD103J	J	AA	10 kohm,1/8W [821W]
R558,559	VRD-ST2CD182J	J	AA	1.8 kohms,1/6W [821W Only]	R753,754	VRD-MN2BD103J	J	AA	10 kohm,1/8W [811W]
R561	VRD-ST2CD223J	J	AA	22 kohms,1/6W	R754,755	VRD-ST2CD103J	J	AA	10 kohm,1/6W [821W]
R601	VRD-ST2CD561J	J	AA	560 ohms,1/6W [811W]	R755	VRD-MN2BD332J	J	AA	3.3 kohms,1/8W [811W]
R601,602	VRD-MN2BD333J	J	AA	33 kohms,1/8W [821W]	R756,757	VRD-MN2BD103J	J	AA	10 kohm,1/8W [821W]
R602	VRD-MN2BD561J	J	AA	560 ohms,1/8W [811W]	R756,757	VRD-ST2CD103J	J	AA	10 kohm,1/6W [811W]
R603	VRD-MN2BD221J	J	AA	220 ohms,1/8W [821W]	R758	VRD-ST2CD122J	J	AA	1.2 kohms,1/6W [821W]
R603,604	VRD-ST2CD333J	J	AA	33 kohms,1/6W [811W]	R758	VRD-ST2CD182J	J	AA	1.8 kohms,1/6W [811W]
R604	VRD-MN2BD103J	J	AA	10 kohm,1/8W [821W]	R759	VRD-MN2BD103J	J	AA	10 kohm,1/8W [821W Only]
R605	VRD-ST2CD121J	J	AA	120 ohms,1/6W [811W]	R760	VRD-ST2CD103J	J	AA	10 kohm,1/6W [821W]
R605,606	VRD-MN2BD102J	J	AA	1 kohm,1/8W [821W]	R760	VRD-ST2CD562J	J	AA	5.6 kohms,1/6W [811W]
R606,607	VRD-ST2CD102J	J	AA	1 kohm,1/6W [811W]	R761	VRD-ST2CD821J	J	AA	820 ohms,1/6W [811W Only]

CD-C811W/821W

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION	NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
R762	VRD-ST2CD122J	J	AA	1.2 kohms,1/6W [811W]	CNS2A/B	QCNWN1182AWZZ	J	AH	Connector Ass'y,8/8Pin
R762~767	VRD-MN2BD102J	J	AA	1 kohm,1/8W [821W]	CNS3A/B	QCNWN1183AWZZ	J	AG	Connector Ass'y,6/6Pin
R763	VRD-MN2BD821J	J	AA	820 ohms,1/8W [811W]	CNS101	QCNWN0895AWZZ	J	AE	Connector Ass'y,3Pin
R764	VRD-ST2CD821J	J	AA	820 ohms,1/6W [811W]	CNS102	QCNWN0896AWZZ	J	AG	Connector Ass'y,8Pin
R765	VRD-ST2CD122J	J	AA	1.2 kohms,1/6W [811W]	CNS303	QCNCM010JAWZZ	J		Socket,10Pin
R766	VRD-MN2BD122J	J	AA	1.2 kohms,1/8W [811W]	△F901	92LFUSET252E	J	AD	Fuse,T2.5A L 250V [811W]
R767	VRD-ST2CD152J	J	AA	1.5 kohms,1/6W [811W]	△F901	92LFUSET312E	J	AD	Fuse,T3.15A L 250V [821W]
R768	VRD-MN2BD152J	J	AA	1.5 kohms,1/8W [811W]	△F902	92LFUSE-T162-E	J	AD	Fuse,T1.6A L 250V
R768	VRD-ST2CD102J	J	AA	1 kohm,1/6W [821W]	△F903	92LFUSE-T501E	J	AD	Fuse,T500mA L 250V
R769	VRD-MN2BD102J	J	AA	1 kohm,1/8W [821W Only]	FE301	RTUNS0008AWZZ	J	AN	FM Front End
R770~772	VRD-MN2BD102J	J	AA	1 kohm,1/8W [821W]	FL701	VVKSVA9MS13-1	J	AZ	FL Display
R770,771	VRD-ST2CD182J	J	AA	1.8 kohms,1/6W [811W]	FW601	QCNWN1249AWZZ	J	AE	Flat Wire,5Pin
R772	VRD-RT2HD3R3J	J	AA	3.3 ohms,1/2W [811W]	FW701	QCNWN1457AWZZ	J	AD	Flat Wire,9Pin
R773,774	VRD-ST2CD222J	J	AA	2.2 kohms,1/6W [811W Only]	FW702	QCNWN1476AWZZ	J	AE	Flat Wire,11Pin [821W Only]
R775	VRD-MN2BD102J	J	AA	1 kohm,1/8W	FW703	QCNWN0713AWZZ	J	AF	Flat Wire,3Pin [821W]
R776~778	VRD-MN2BD102J	J	AA	1 kohm,1/8W [821W]	FW703	QCNWN1458AWZZ	J	AD	Flat Wire,10Pin [811W]
R776,777	VRD-ST2CD332J	J	AA	3.3 kohms,1/6W [811W]	FW705	QCNWN0713AWZZ	J	AF	Flat Wire,3Pin [811W Only]
R778	VRD-ST2CD822J	J	AA	8.2 kohms,1/6W [811W]	FWM1	QCNWN1274AWZZ	J	AC	Flat Wire,2Pin
R780	VRD-MN2BD392J	J	AA	3.9 kohms,1/8W [811W]	FWM2	QCNWN0338AWZZ	J	AD	Flat Wire,2Pin
R780	VRD-ST2CD103J	J	AA	10 kohm,1/6W [821W]	JK601	QJAKM0004AWZZ	J	AK	Jack,Headphones
R781	VRD-ST2CD103J	J	AA	10 kohm,1/6W [821W Only]	M1	92LMTR1854CASY	J	AS	Motor with Chassis [Spindle]
R782	VRD-ST2CD473J	J	AA	47 kohms,1/6W [811W Only]	M2	92LMTR1854BASY	J	AP	Motor with Gear [Sled]
R783	VRD-ST2CD104J	J	AA	100 kohm,1/6W [811W Only]	M3	92LMTR3022AS1	J	AU	Motor with Worm
R785	VRD-ST2CD472J	J	AA	4.7 kohms,1/6W [811W Only]					[Turntable Up/Down/Loading]
R786	VRD-ST2CD101J	J	AA	100 ohm,1/6W [811W Only]	MM1	RMOTV0006AWM1	J	AR	Motor with Pulley [Tape]
R791	VRD-MN2BD102J	J	AA	1 kohm,1/8W [811W Only]	PHM1	VHPI31535CD-1	J	AG	Photo Interrupter
R792	VRD-ST2CD330J	J	AA	33 ohms,1/6W [811W Only]	△RL901	RRLYD0011AWZZ	J	AE	Relay
R793	VRD-ST2CD274J	J	AA	270 kohms,1/6W [811W Only]	RX701	VHLN63H380A-1	J	AK	Remote Sensor,N63H380A
R794	VRD-ST2CD103J	J	AA	10 kohm,1/6W [821W Only]	SO301	QTANC0301AWZZ	J	AH	Terminal,Antenna
R795	VRD-ST2CD473J	J	AA	47 kohms,1/6W [821W Only]	SO601	QTANA0412AWZZ	J	AF	Terminal,Speaker [811W]
R797	VRD-ST2CD104J	J	AA	100 kohm,1/6W [821W Only]	SO601	QTANA0801AWZZ	J	AK	Terminal,Speaker [821W]
R798	VRD-ST2CD101J	J	AA	100 ohm,1/6W [821W Only]	△SO901	QSOCA0204AWZZ	J	AF	Socket,AC Input
R800	VRD-RT2HD100J	J	AA	10 ohm,1/2W [811W Only]	SOLM1	RPLU-0002AWZZ	J	AH	Solenoid Ass'y
R901	VRD-MN2BD103J	J	AA	10 kohm,1/8W [821W]	SOLM2	RPLU-0002AWZZ	J	AH	Solenoid Ass'y
R901	VRD-ST2CD103J	J	AA	10 kohm,1/6W [811W]	SW1	QSW-P0004AWZZ	J	AE	Switch,Push Type [Open/Close]
R902	VRD-RT2HD221J	J	AA	220 ohms,1/2W	SW2	QSW-F0001AWZZ	J	AD	Switch,Leaf/Skeleton Type
R903	VRD-ST2CD123J	J	AA	12 kohms,1/6W					[Mecha Up]
R904	VRD-RT2HD221J	J	AA	220 ohms,1/2W	SW3	QSW-P0005AWZZ	J	AD	Switch,Push Type [Disc Number]
R905	VRD-ST2CD101J	J	AA	100 ohm,1/6W	SW4	QSW-F9001AW01	J	AD	Switch,Push Type [Pickup In]
R906	VRD-ST2CD332J	J	AA	3.3 kohms,1/6W	SW401	QSW-S0024AWZZ	J	AE	Switch,Slide Type
R908	VRD-ST2CD221J	J	AA	220 ohms,1/6W					[Span Selector]
R910,911	VRD-ST2EE2R2J	J	AA	2.2 ohms,1/4W [821W Only]	SW701	92LSWICH-1401A	J	AC	Switch,Key Type [On/Stand-by]
RD01	VRD-ST2CD821J	J	AA	820 ohms,1/6W [821W Only]	SW702	92LSWICH-1401A	J	AC	Switch,Key Type [Clock]
RD02	VRD-ST2CD122J	J	AA	1.2 kohms,1/6W [821W Only]	SW703	92LSWICH-1401A	J	AC	Switch,Key Type [Timer/Sleep]
RD03	VRD-ST2CD152J	J	AA	1.5 kohms,1/6W [821W Only]					[811W]
RD04	VRD-ST2CD182J	J	AA	1.8 kohms,1/6W [821W Only]	SW703	92LSWICH-1401A	J	AC	Switch,Key Type [Clock] [821W]
RD05	VRD-ST2CD103J	J	AA	10 kohm,1/6W [821W Only]	SW704	92LSWICH-1401A	J	AC	Switch,Key Type [Timer/Sleep]
RD06	VRD-MN2BD682J	J	AA	6.8 kohms,1/8W [821W Only]					[821W Only]
RD10	VRD-ST2CD821J	J	AA	820 ohms,1/6W [821W Only]	SW706	92LSWICH-1401A	J	AC	Switch,Key Type [Disc Skip]
RD11	VRD-ST2CD122J	J	AA	1.2 kohms,1/6W [821W Only]					[821W Only]
RD12	VRD-ST2CD152J	J	AA	1.5 kohms,1/6W [821W Only]	SW707	92LSWICH-1401A	J	AC	Switch,Key Type [Disc Skip]
RD13	VRD-ST2CD182J	J	AA	1.8 kohms,1/6W [821W Only]					[811W]
RD14	VRD-ST2CD562J	J	AA	5.6 kohms,1/6W [821W Only]	SW707	92LSWICH-1401A	J	AC	Switch,Key Type [Open/Close]
RD15	VRD-ST2CD392J	J	AA	3.9 kohms,1/6W [821W Only]					[821W]
RD21	VRD-ST2CD821J	J	AA	820 ohms,1/6W [821W Only]	SW708	92LSWICH-1401A	J	AC	Switch,Key Type [Open/Close]
RD22	VRD-ST2CD122J	J	AA	1.2 kohms,1/6W [821W Only]					[811W Only]
RD23	VRD-ST2CD152J	J	AA	1.5 kohms,1/6W [821W Only]	SW709	92LSWICH-1401A	J	AC	Switch,Key Type [Fast Forward]
RD24	VRD-ST2CD182J	J	AA	1.8 kohms,1/6W [821W Only]					[811W Only]
RD25	VRD-ST2CD222J	J	AA	2.2 kohms,1/6W [821W Only]	SW710	92LSWICH-1401A	J	AC	Switch,Key Type [Record Pause]
RD26	VRD-ST2CD332J	J	AA	3.3 kohms,1/6W [821W Only]					[811W]
OTHER CIRCUITRY PARTS					SW710	92LSWICH-1401A	J	AC	Switch,Key Type [Fast Forward]
BI401/CNS401	QCNWN1380AWZZ	J	AF	Connector Ass'y,6/6Pin					[821W]
BI701/CNS701	QCNWN1381AWZZ	J	AL	Connector Ass'y,15/15Pin	SW711	92LSWICH-1401A	J	AC	Switch,Key Type [Memory Set]
BI702/CNS702	QCNWN0907AWZZ	J	AC	Connector Ass'y,8/12Pin					[811W]
BIM5/CNS10/CNS5	QCNWN1184AWZZ	J	AL	Connector Ass'y,6/10/2Pin	SW711	92LSWICH-1401A	J	AC	Switch,Key Type [Record Pause]
CNP1	92LCONE5P53253	J	AB	Plug,5Pin					[821W]
CNP2	QCNCM705HAFZZ	J	AB	Plug,8Pin	SW712	92LSWICH-1401A	J	AC	Switch,Key Type [Stop] [811W]
CNP3	92LCONE6P53253	J	AC	Plug,6Pin	SW712	92LSWICH-1401A	J	AC	Switch,Key Type [Memory/Set]
CNP3A	92LCONE6P53254	J	AC	Plug,6Pin					[821W]
CNP10	QCNCM705KAWZZ	J	AC	Plug,10Pin	SW713	92LSWICH-1401A	J	AC	Switch,Key Type [Tuner (Band)]
CNP11	QCNCM704FAWZZ	J	AC	Plug,6Pin					[811W]
CNP12	QCNCM704QAWZZ	J	AG	Plug,15Pin	SW713	92LSWICH-1401A	J	AC	Switch,Key Type [Stop] [821W]
CNP303	QCNCW010JAWZZ	J		Plug,10Pin	SW714	92LSWICH-1401A	J	AC	Switch,Key Type [Tape]
CNP501	92LCONE3P5267X	J	AB	Plug,3Pin					[811W Only]
CNP502	92LCONE7P5267X	J	AC	Plug,7Pin	SW714	92LSWICH-1401A	J	AC	Switch,Key Type [Tuner (Band)]
CNP901	QCNCM036EAWZZ	J	AF	Plug,5Pin					[821W]
CNP902	QCNCM035FAWZZ	J	AC	Plug,6Pin	SW715	92LSWICH-1401A	J	AC	Switch,Key Type [CD] [811W]
CNPM1	QCNCM932MAFZZ	J	AE	Plug,12Pin	SW715	92LSWICH-1401A	J	AC	Switch,Key Type [Tape] [821W]
CNPM2	QCNCM030BAWZZ	J	AB	Pin Header,2Pin	SW716	92LSWICH-1401A	J	AC	Switch,Key Type [Rewind]
CNS1A/B	QCNWN1181AWZZ	J	AK	Connector Ass'y,5/5Pin					[811W]
					SW716	92LSWICH-1401A	J	AC	Switch,Key Type [CD] [821W]
					SW717	92LSWICH-1401A	J	AC	Switch,Key Type [Tuning Up]

CD-C811W/821W

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION	NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
SW718	92LSWICH-1401A	J	AC	[811W Only] Switch,Key Type [Tuning Down]	204	92LCOV3022AS1	J	AM	CD Tray Cover Ass'y
SW719	92LSWICH-1401A	J	AC	[811W Only] Switch,Key Type [Play]	204- 1	—	—	—	Cover,CD Tray (Not Replacement Item)
SW720	92LSWICH-1401A	J	AC	[811W Only] Switch,Key Type [Volume Down]	204- 2	GCOVA1224AWSA	J	AE	Cover,CD Tray Panel,Left
SW721	92LSWICH-1401A	J	AC	[811W Only] Switch,Key Type [Volume Up]	204- 3	GCOVA1225AWSA	J	AE	Cover,CD Tray Panel,Right
SW722	92LSWICH-1401A	J	AC	[811W Only] Switch,Key Type [X-BASS/DEMO] [811W]	204- 4	92LBADGE1671A	J	AC	Badge,SHARP
SW722	92LSWICH-1401A	J	AC	[811W Only] Switch,Key Type [Rewind]	205	GITAR0494AWSA	J	—	Back Board [811W]
SW723	92LSWICH-1401A	J	AC	[811W Only] Switch,Key Type [Tuning Up]	205	GITAR0500AWSA	J	—	Back Board [821W]
SW724	92LSWICH-1401A	J	AC	[811W Only] Switch,Key Type [Tuning Down]	206	GDORF0072AWSA	J	AK	Cassette Holder,Tape 1
SW725	92LSWICH-1401A	J	AC	[811W Only] Switch,Key Type [Play]	207	GDORF0073AWSA	J	AK	Cassette Holder,Tape 2
SW726	92LSWICH-1401A	J	AC	[811W Only] Switch,Key Type [Volume Down]	208	HDECQ0463AWSA	J	AE	Panel,Cassette Holder,Tape 1
SW727	92LSWICH-1401A	J	AC	[811W Only] Switch,Key Type [Volume Up]	209	HDECQ0464AWSA	J	AE	Panel,Cassette Holder,Tape 2
SW728	92LSWICH-1401A	J	AC	[811W Only] Switch,Key Type [X-BASS/DEMO] [821W Only]	210	LANGK0170AWFW	J	AC	Bracket,Headphone Support
△ SW902	QSOCE0008AWZZ	J	AH	Switch,Slide Type [AC Voltage Selector]	211	LANGT0051AWFW	J	AF	Bracket,Heat Sink Support [821W]
SWM3(220-8)	92LM-SW1676A	J	AC	Switch,Leaf Type [Fool Proof]	211	LANGT0055AWFW	J	AD	Bracket,Heat Sink [811W]
SWM4(220-9)	QSW-F9003AWZZ	J	AG	Switch,Leaf Type [F.A.S.]	212	LCHSM0087AWSA	J	AQ	Main Chassis
SWM5(220-10)	92LM-SW1658A	J	AB	Switch,Leaf Type [CAM]	213	LHLDZ1087AWSA	J	AC	Holder,FL Display
CD MECHANISM PARTS					214	MLIFP0003AWZZ	J	AE	Damper,Cassette Holder
301	NGERH0011AWZZ	J	AC	Gear,Middle	215	MSPRD0092AWFJ	J	AB	Spring,Cassette Holder ,Tape 1
302	NGERH0012AWZZ	J	AC	Gear,Drive	216	MSPRD0093AWFJ	J	AB	Spring,Cassette Holder ,Tape 2
303	MLEVP0080AWZZ	J	AC	Rail,Guide	218	PRDAR0113AWFW	J	AV	Heat Sink [821W]
304	NSFTM0002AWFW	J	AE	Shaft,Guide	218	PRDAR0138AWFW	J	AH	Heat Sink [811W]
305	92LMCUSN1524A	J	AD	Cushion	220	92LMECHA2823A	J	BL	Tape Mechanism Ass'y
△ 306	92LHPC1MASY	J	BG	Pickup Unit Ass'y	220- 1(MM1)	RMOTV0006AWM1	J	AR	Motor with Pulley [Tape]
306- 1	—	—	—	Pickup Unit (Not Replacement Item)	220- 2	NBLTK0011AWZZ	J	AC	Belt,Main [Tape 1]
306- 2	NGERH0010AWZZ	J	AB	Gear,Rack	220- 3	NBLTK0012AWZZ	J	AB	Belt,Main [Tape 2]
306- 3	MSPRC0961AFZZ	J	AA	Spring,Rack	220- 4	NBLTK0030AWZZ	J	AC	Belt,Sub
701	XBSSD26P06000	J	AA	Screw,ø2.6×6mm	220- 5	NROLY0002AWZZ	J	AF	Pinch Roller
702	XHBSD20P05000	J	AA	Screw,ø2×5mm	220- 6	92LMRPH1746A	J	AM	Head,Record/Playback [Tape 1/Tape 2]
703	XBBSD20P03000	J	AA	Screw,ø2×3mm	220- 7	RHEDA0001AWZZ	J	AG	Head,Erase [Tape 2]
704	LX-WZ1070AFZZ	J	AA	Washer,ø1.5×ø3.8×0.25mm	220- 8(SWM3)	92LM-SW1676A	J	AC	Switch,Leaf Type [Fool Proof]
M1	92LMTR1854CASY	J	AS	Motor with Chassis [Spindle]	220- 9(SWM4)	QSW-F9003AWZZ	J	AG	Switch,Leaf Type [F.A.S.]
M2	92LMTR1854BASY	J	AP	Motor with Gear [Sled]	220-10(SWM5)	92LM-SW1658A	J	AB	Switch,Leaf Type [CAM]
SW4	QSW-F9001AW01	J	AD	Switch,Push Type [Pickup In]	222	92LN-BAND1318A	J	AA	Nylon Band,80mm
CABINET PARTS					223	GCAB-1044AWSA	J	AM	CD Player Base
201	92LCAB3046AS1	J	AY	Front Panel Ass'y [821W]	224	GCAB-1052AWSA	J	AP	Top Cabinet
201	92LCAB3049AS1	J	AY	Front,Panel Ass'y [811W]	225	LANGF0032AWZZ	J	AC	Support,Turntable Lock Lever
201- 1	—	—	—	Front Panel (Not Replacement Item)	226	LCHSZ0010AWZZ	J	AM	Chassis>Loading
201- 2	HDECQ0490AWSA	J	—	Panel,Display (811W)	227	LCHSZ0011AWZZ	J	AG	Chassis,CD Mechanism
201- 2	HDECQ0502AWSA	J	—	Panel,Display (821W)	228	92LHOLD3022AS1	J	AB	Stabilizer Ass'y
201- 3	HDECQ0460AWSA	J	AH	Panel,Operation	228- 1	—	—	—	Stabilizer (Not Replacement Item)
201- 4	HDECQ0461AWSA	J	AC	Ring,Operation	228- 2	PMAGF0001AWZZ	J	AF	Magnet,Stabilizer
201- 5	HDECQ0462AWSA	J	AC	Cap,Operation Center	228- 3	92LSUPT1749D	J	AA	Support,Stabilizer Magnet
201- 6	HDECQ0469AWSA	J	AE	Panel,Center Cap	229	LHLDZ1140AWZZ	J	AB	Guide
201- 7	JKNBZ0603AWSA	J	AG	Button,Stop/Play/Repeat	230	LHLDZ1141AWZZ	J	AB	Support,Pitch
201- 8	JKNBZ0604AWSA	J	AF	Button,Function Selector	231	LHLDZ1204AWSA	J	AD	Support,Stabilizer
201- 9	JKNBZ0605AWSA	J	AF	Button,Volume Up/Down	232	MLEVP0066AWZZ	J	AE	Lever,Shift
201-10	JKNBZ0629AWSA	J	AE	Button,On/Stand-by	233	MLEVP0067AWZZ	J	AC	Lever,Lock
201-11	JKNBZ0607AWSA	J	AE	Button,X-BASS/Demo	234	MLEVP0068AWZZ	J	AB	Lever,Change
201-12	JKNBZ0608AWSA	J	AC	Button,Timer/Sleep/Clock	235	MLEVP0070AWZZ	J	AB	Lever,Turntable Lock
201-13	JKNBZ0610AWSA	J	AM	Button,Disc Skip/Open/Close	236	MSPRC0020AWFJ	J	AB	Spring,Turntable Lock Lever
201-14	PCUSG0022AWZZ	J	AB	Cushion,Leg	237	MSPRC0024AWFW	J	AB	Spring,Solenoid
202	92LCAB3041BS1	J	AM	Side Panel Ass'y,Left	238	MSPRD0044AWFJ	J	AB	Spring,Lock Lever
202- 1	—	—	—	Side Panel,Left (Not Replacement Item)	239	NBLTK0033AWZZ	J	AC	Belt,Drive
202- 2	PCUSG0022AWZZ	J	AB	Cushion,Leg	240	NGERH0064AWZZ	J	AD	Gear,Cam
203	92LCAB3041CS1	J	AM	Side Panel Ass'y,Right	241	NGERH0065AWZZ	J	AB	Gear,Turntable
203- 1	—	—	—	Side Panel,Right (Not Replacement Item)	242	NGERK0003AWZZ	J	AC	Gear,Drive
203- 2	PCUSG0022AWZZ	J	AB	Cushion,Leg	243	NGERK0004AWZZ	J	AB	Gear,Bevel
					244	NGERK0005AWZZ	J	AB	Gear>Loading
					245	NGERW0006AWZZ	J	AC	Gear,Worm Wheel
					246	NPLYD0002AWZZ	J	AC	Pulley
					247	NROLP0009AWZZ	J	AB	Roller
					248	NTNT-0018AWSA	J	AK	Turntable
					249	PCOVZ1013AWZZ	J	AB	Cover,Wire
					△ 251	QLUGP0001AWZZ	J	AC	Lug
					252	PCUSG0022AWZZ	J	AB	Cushion
					253	LHLDZ1230AWZZ	J	AC	Holder,LED
					254	LANGT0054AWFW	J	AE	Bracket,Tuner PWB
					255	LANGT0049AWFW	J	AK	Bracket,PWB Support
					256	92LCAUT1706B	J	AA	Label,Laser
					257	92LCAUT1706A1	J	AC	Label,Class 3A Laser
					259	TSPC-0571AWZZ	J	AC	Label,Specifications [For Thailand] [811W]
					259	TSPC-0572AWZZ	J	AC	Label,Specifications [For Taiwan] [811W]
					259	TSPC-0573AWZZ	J	AC	Label,Specifications [For Central South America] [811W]

CD-C811W/821W

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
259	TSPC-0590AWZZ	J	AC	Label,Specifications [ForThailand][821W]
259	TSPC-0591AWZZ	J	AC	Label,Specifications [For Taiwan] [821W]
259	TSPC-0592AWZZ	J	AC	Label,Specifications [For Central South America/ Mexico] [821W]
259	92LLABL372C	J	AB	Label,Specifications [Except for Taiwan/Thailand/ Mexico]
264	QFSDH0001AWZZ	J	AB	Holder,Fuse
267	TLABS0226AWZZ	J	AB	Label,Safety [For Hong Kong Only]
268	TCAUS0014AWZZ	J	AC	Label,Caution [For Taiwan Only]
602	XBPSD26P05JSO	J	AB	Screw,ø2.6×5mm
603	XEBSD26P12000	J	AA	Screw,ø2.6×12mm
604	XEBSD30P10000	J	AA	Screw,ø3×10mm
605	XEBSD30P12000	J	AA	Screw,ø3×12mm
606	XEBSD30P12000	J	AA	Screw,ø3×12mm
607	XESSD30P10000	J	AA	Screw,ø3×10mm
608	XJBSD30P08000	J	AA	Screw,ø3×8mm
609	XJBSD30P10000	J	AA	Screw,ø3×10mm
610	XJBSD30P08000	J	AA	Screw,ø3×8mm
611	XJSSF30P10000	J	AA	Screw,ø3×10mm
612	XWHJZ62-09510	J	AB	Washer,ø6.2×ø10×0.9mm
614	LX-EZ0005AWFD	J	AA	Screw,Special
615	LX-JZ0002AWFD	J	AA	Screw,ø3×10mm
618	LX-TZ0019AFZZ	J	AB	Screw,Special
619	XHBSD40P08000	J	AA	Screw,ø4×8mm
620	XJBSD30P10000	J	AA	Screw,ø3×10mm
621	LX-JZ0003AWFF	J	AA	Screw,ø3×12mm

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ACCESSORIES/PACKING PARTS

△	QACCB0008AW00	J	AW	AC Power Supply Cord [For Hong Kong]
△	QACCE0011AW00	J	AM	AC Power Supply Cord [Except for Hong Kong/ Australia/New Zealand/ Saudi Arabia/Taiwan]
△	QACCL0002AW00	J	AN	AC Power Supply Cord [For Australia/New Zealand]
	QANTL0009AWZZ	J	AH	AM Loop Antenna
	SPAKA0225AWZZ	J	J	Packing Add.,Left/Right
	SPAKC0790AWZZ	J	AR	Packing Case [Except for Australia/ New Zealand]
	SPAKC0791AWZZ	J	AR	Packing Case [For Australia/New Zealand]
	SPAKP0013AWZZ1	J	AC	Polyethylene Bag,Unit
	SPAKZ0507AWZZ	J	AB	Sheet,Protection
	TCAUA0036AWZZ	J	AB	Label,Caution [For Taiwan Only]
	TCAUS0019AWZZ	J	AD	Label,Warning [For Thailand Only]
	TGANE0009AW17	J	AD	Warranty Card [For Philippine]
	TGANZ0022AW25	J	AE	Warranty Card [For Taiwan]
	TINST0054AWZZ	J	J	Operation Manual [For Thailand]
	TINSZ0462AWZZ	J	AM	Operation Manual [Except for Australia/ New Zealand/Thailand]
	TINSZ0463AWZZ	J	AD	Operation Manual [For Australia/New Zealand]
	TLABB0001AWZZ	J	AB	Label,SHARP Corporation Japan [For Brasil/Chile/Peru/Bolivia]
	TLABE0320AWZZ	J	AB	Label,Bar Code [For Australia/New Zealand/ Thailand/Taiwan]
	TLABE0324AWZZ	J	AC	Label,Bar Code [For Middle East]
	TLABG0002AWZZ	J	AB	Label,Hong Kong
	TLABH0047AWSA	J	AH	Sheet,Comparison [For Taiwan Only]
	TLABH0048AWSA	J	AH	Sheet,Comparison [For Taiwan Only]
	TLABH0049AWSA	J	AH	Sheet,Comparison [For Taiwan Only]
	TLABR1071AWZZ	J	AB	Label,Bar Code [For Brasil/Central South America/Mexico/Chile/Peru/ Bolivia]

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
	TLABZ0546AWZZ	J	AB	Label,Feature,Tape 2
	TLABZ0573AWZZ	J	AC	Label,Feature,Tape 1 [For Australia/New Zealand]
	TLABZ0603AWZZ	J	AC	Label,Carton [For Taiwan Only]
	TLABZ0601AWZZ	J	AC	Label,Feature,Tape 1 [Except for Australia/ New Zealand]
	TLABZ0620AWZZ	J	AB	Label,Saving Energy
	TLSTS0011AWZZ	J	AB	Service Station List [For Taiwan Only]
	92LBAG1460C1	J	AB	Polyethylene Bag,Accessories
	92LBAG1770A	J	AB	Polyethylene Bag,AC Power Supply Cord [For Hong Kong Only]
	92LBAG760C	J	AA	Polyethylene Bag,AC Plug Adaptor [For Saudi Arabia Only]
△	92LCORDZ1652A	J	AM	AC Power Supply Cord [For Taiwan]
△	92LCORD577B	J	AM	AC Power Supply Cord [For Saudi Arabia]
△	92LF-ANT1746A	J	AD	FM Antenna
	92LGCARD1266E1	J	AC	Warranty Card [For Australia/New Zealand]
	92LLABL1204C	J	AA	Label,Made in Malaysia [For Brasil/Australia/ New Zealand]
	92LPANEL713A	J	AB	Panel,Made in Malaysia [For Jordan/Kuwait/Egypt/ Saudi Arabia]
△	92LPLUG027	J	AD	AC Plug Adaptor [For Saudi Arabia]
△	92LPLUG155A	J	AG	AC Plug Adaptor [For Brasil/Central South America/Philippine/Mexico]
	RRMCG0180AWSA	J	AR	Remote Control
	GFTAB1022AWSA	J	J	Battery Lid,Remote Control

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ACCESSORIES/PACKING PARTS

	SPAKA0225AWZZ	J	J	Packing Add.,Left/Right
	SPAKC0816AWZZ	J	AP	Packing Case [Except for Australia/ New Zealand]
	SPAKC0817AWZZ	J	AP	Packing Case [For Australia/New Zealand]
	SPAKP0013AWZZ1	J	AC	Polyethylene Bag,Unit
	TLABZ0575AWZZ	J	AB	Label,Carton [For Taiwan Only]
	TLABZ0576AWZZ	J	AB	Label,Feature,Unit,Tape 1 [Except for Australia/New Zealand]
	92LBAG1460C1	J	AB	Polyethylene Bag,Accessories
	92LBAG1770A	J	AB	Polyethylene Bag,AC Power Supply Cord [For Hong Kong Only]
	92LBAG760C	J	AA	Polyethylene Bag,AC Plug Adaptor [For Saudi Arabia Only]
△	QACCB0008AW00	J	AW	AC Power Supply Cord [For Hong Kong]
△	QACCE0011AW00	J	AM	AC Power Supply Cord [Except for Hong Kong/ Australia/New Zealand/ Saudi Arabia/Taiwan]
△	QACCL0002AW00	J	AN	AC Power Supply Cord [For Australia/New Zealand]
	QANTL0009AWZZ	J	AH	AM Loop Antenna
	SPAKZ0507AWZZ	J	AB	Sheet,Protection
	TCAUA0034AWZZ	J	AB	Label,Caution [For Taiwan Only]
	TGANE0009AW16	J	AD	Warranty Card [For Philippine]
	TGANZ0022AW19	J	AE	Warranty Card [For Taiwan]
	TINST0051AWZZ	J	J	Operation Manual [For Thailand]
	TINSZ0449AWZZ	J	AM	Operation Manual [Except for Australia/ New Zealand/Thailand]
	TINSZ0450AWZZ	J	AD	Operation Manual [For Australia/New Zealand]
	TLABE0319AWZZ	J	AB	Label,Bar Code [For Australia/New Zealand/ Thailand/Taiwan]

NO.	PARTS CODE	★ PRICE RANK	DESCRIPTION
	TLABE0323AWZZ	J AC	Label,Bar Code [For Asia/Middle and Near East/ Africa]
	TLABG0002AWZZ	J AB	Label,Hong Kong
	TLABH0047AWSA	J AH	Sheet,Comparison [For Taiwan Only]
	TLABH0048AWSA	J AH	Sheet,Comparison [For Taiwan Only]
	TLABH0049AWSA	J AH	Sheet,Comparison [For Taiwan Only]
	TLABR1072AWZZ	J AB	Label,Bar Code [For Brasil/Central South America/Mexico]
	TLABZ0554AWZZ	J AD	Label,Feature,Tape 2
	TLABZ0571AWZZ	J AC	Label,Feature,Tape 1 [For Australia/New Zealand]
	TLABZ0620AWZZ	J AB	Label,Saving Energy
	TLSTS0011AWZZ	J AB	Service Station List [For Taiwan Only]
△	92LCORDZ1652A	J AM	AC Power Supply Cord [For Taiwan]
△	92LCORD577B	J AM	AC Power Supply Cord [For Saudi Arabia]
	92LF-ANT1746A	J AD	FM Antenna
	92LGCARD1266E1	J AC	Warranty Card [For Australia/New Zealand]
△	92LPLUG027	J AD	AC Plug Adaptor [For Saudi Arabia]
△	92LPLUG155A	J AG	AC Plug Adaptor [For Brasil/Central South America/Philippine/Mexico]
	RRMCG0180AWSA	J AR	Remote Control
	GFTAB1022AWSA	J	Battery Lid,Remote Control

P.W.B. ASSEMBLY (Not Replacement Item)

PWB-A1-5	92LPWB3046MANS	J —	Main/Display/Headphones/ Switch (Combined Ass'y) [821W]
PWB-A1-5	92LPWB3049MANS	J —	Main/Display/Headphones/ Switch (Combined Ass'y) [811W]
PWB-B	92LPWB3072CDUS	J —	CD Servo
PWB-C	QPWBF0027AWZZ	J AD	CD Motor (PWB Only)
PWB-D	QPWBF0341AWZZ	J AB	Tray Motor (PWB Only)
PWB-E	QPWBF0106AWZZ	J AF	Tape Mechanism (PWB Only)
PWB-F	92LPWB3073TUNS	J —	Tuner

OTHER SERVICE PART

UDSKA0004AFZZ	J AZ	CD Pickup Lens Cleaner
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NO.	PARTS CODE	★ PRICE RANK	DESCRIPTION
CP-C811W			
SPEAKER BOX PARTS (FRONT SPEAKER)			
701	92L1210174	J	Net Frame Ass'y
702	92L0510076	J	Speaker Box Ass'y
703	92L2910085	J	Cord,Speaker
704	92L3720049	J	Screw,ø4×12mm
705	92L3510335	J	Label,Specifications
706	92L3160073	J	Panel,Duct
707	92L3940024	J	Port Cushion
SP1,2	VSP0010PBY38A	J AU	Speaker,Woofer

PACKING PARTS

92L4110064	J AE	Polyethylene Bag,Speaker
92L412031	J	Packing Add.

CP-C821W**SPEAKER BOX PARTS (FRONT SPEAKERS)**

701	92L20100611H10	J AS	Net Frame Ass'y
702	92L10002611H10	J BB	Speaker Box Ass'y
703	92L3121C611H10	J	Cord,Speaker
704	92L411B84012AB1	J	Screw,ø4×12mm
705	92L600CPC82100	J AC	Label,Specifications
706	92L20300611H10	J AP	Panel,Duct
707	92L44010213900	J AC	Port Cushion
708	92L44210112300	J AB	Cushion (Woofer)
SP1,2	VSP0013PB386A	J AY	Speaker,Woofer
SP3,4	92L34820100610	J AG	Speaker,Super Tweeter

PACKING PARTS

92L70032000710	J AE	Polyethylene Bag,Speaker
92L720BC611H00	J	Packing Add.,Bottom
92L720TC611H00	J	Packing Add.,Top

GBOXS0028AWM1 (CD-C821W ONLY)**SPEAKER BOX PARTS (SURROUND SPEAKERS)**

901	92LSRCBC022RS	J	Bottom Cabinet
902	92LSRCNF002RS	J	Net Frame Ass'y
903	92LSRCPL010RS	J	Label,Part No.
904	92LSRCS0004RS	J AK	Cord,Speaker
905	92LSRCSW005RS	J AB	Screw,ø3×12mm
SP1,2	VSP0080PBP2WA	J AN	Speaker,Woofer

PACKING PARTS

92LSRCBP010RS	J AG	Packing Add.,Bottom
92LSRCPE006RS	J AB	Polyethylene Bag,Speaker
92LSRCTP009RS	J AG	Packing Add.,Top

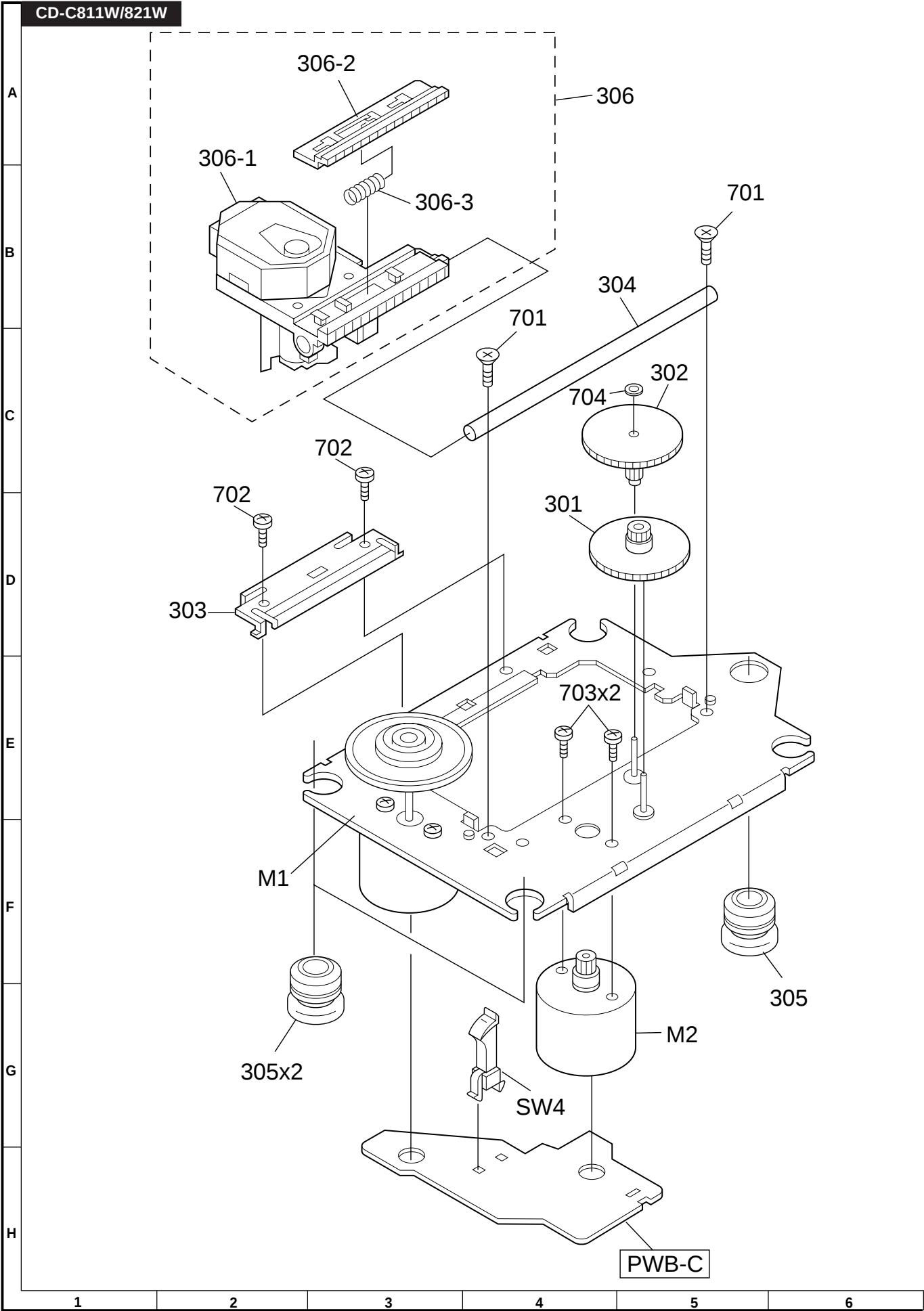


Figure 9 CD MECHANISM EXPLODED VIEW

CD-C811W/821W

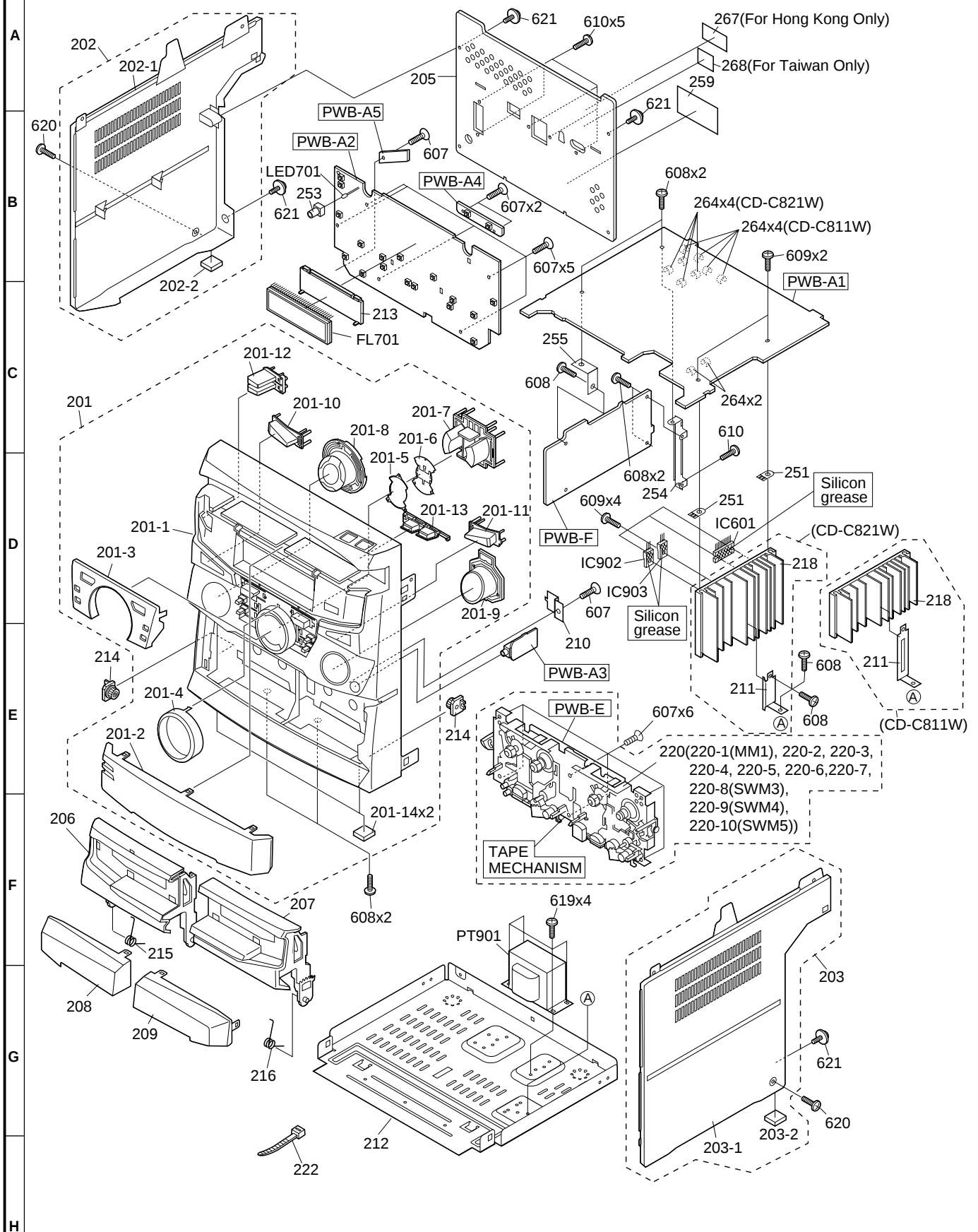


Figure 10 CABINET EXPLODED VIEW (1/2)

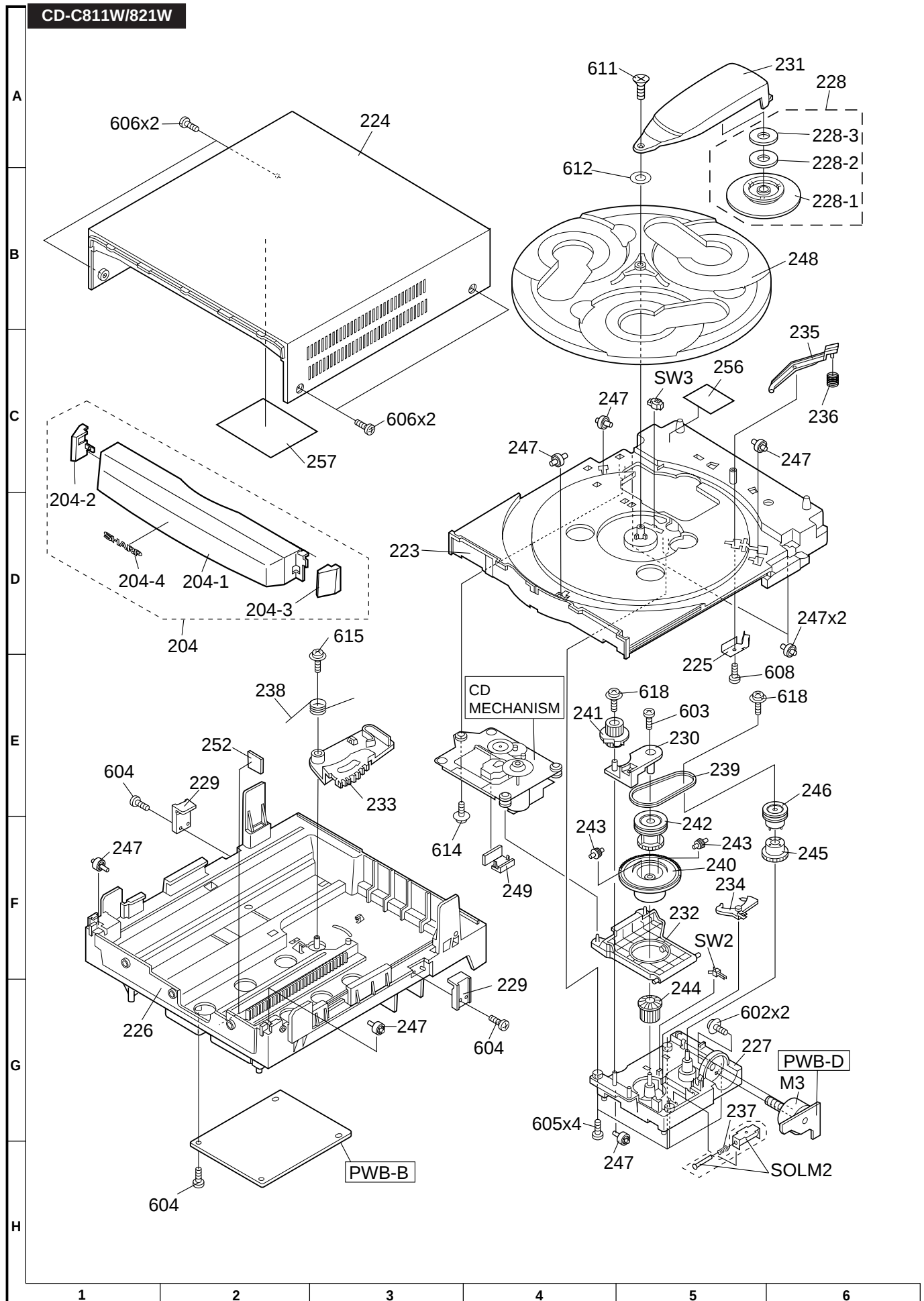


Figure 11 CABINET EXPLODED VIEW (2/2)

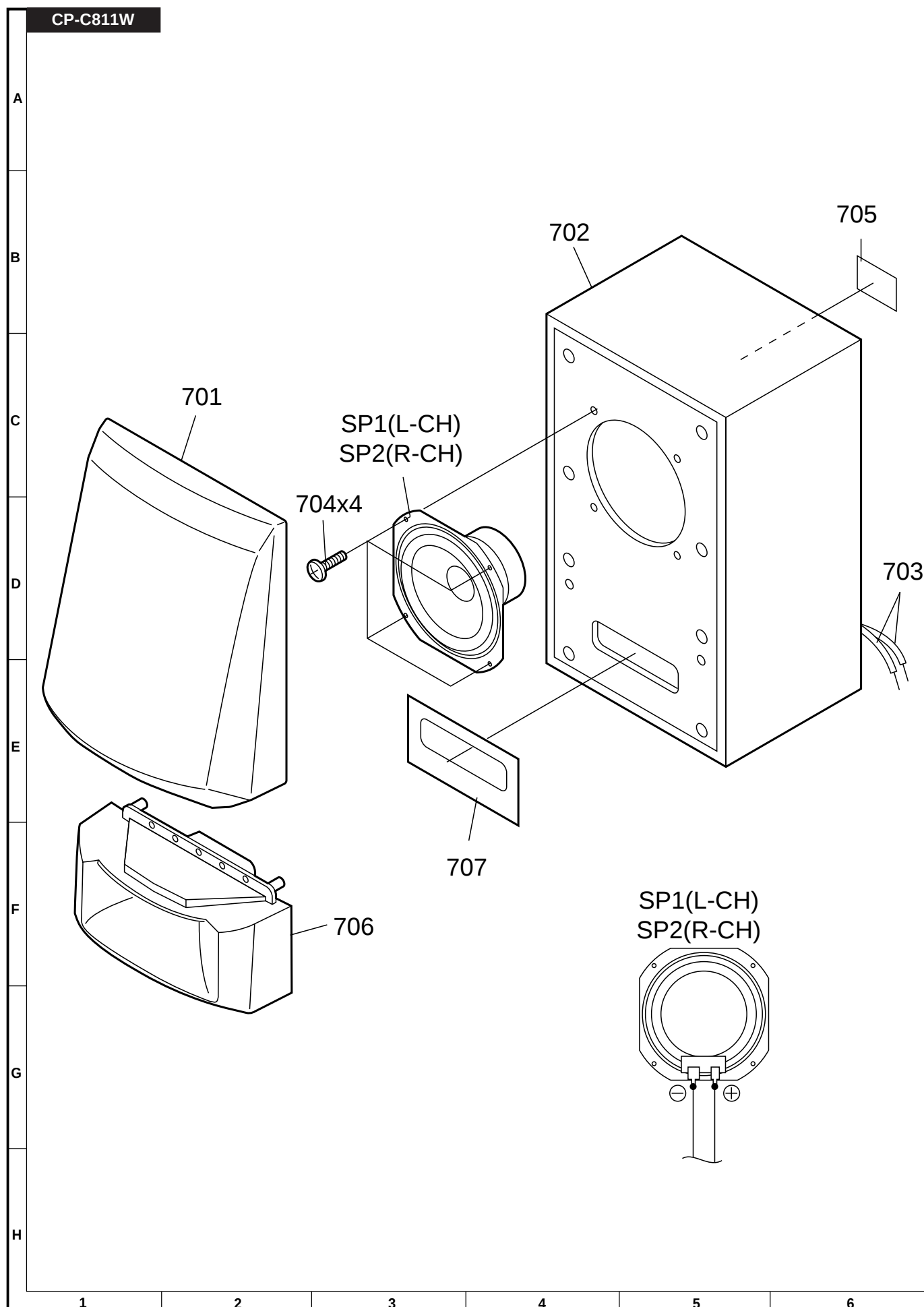
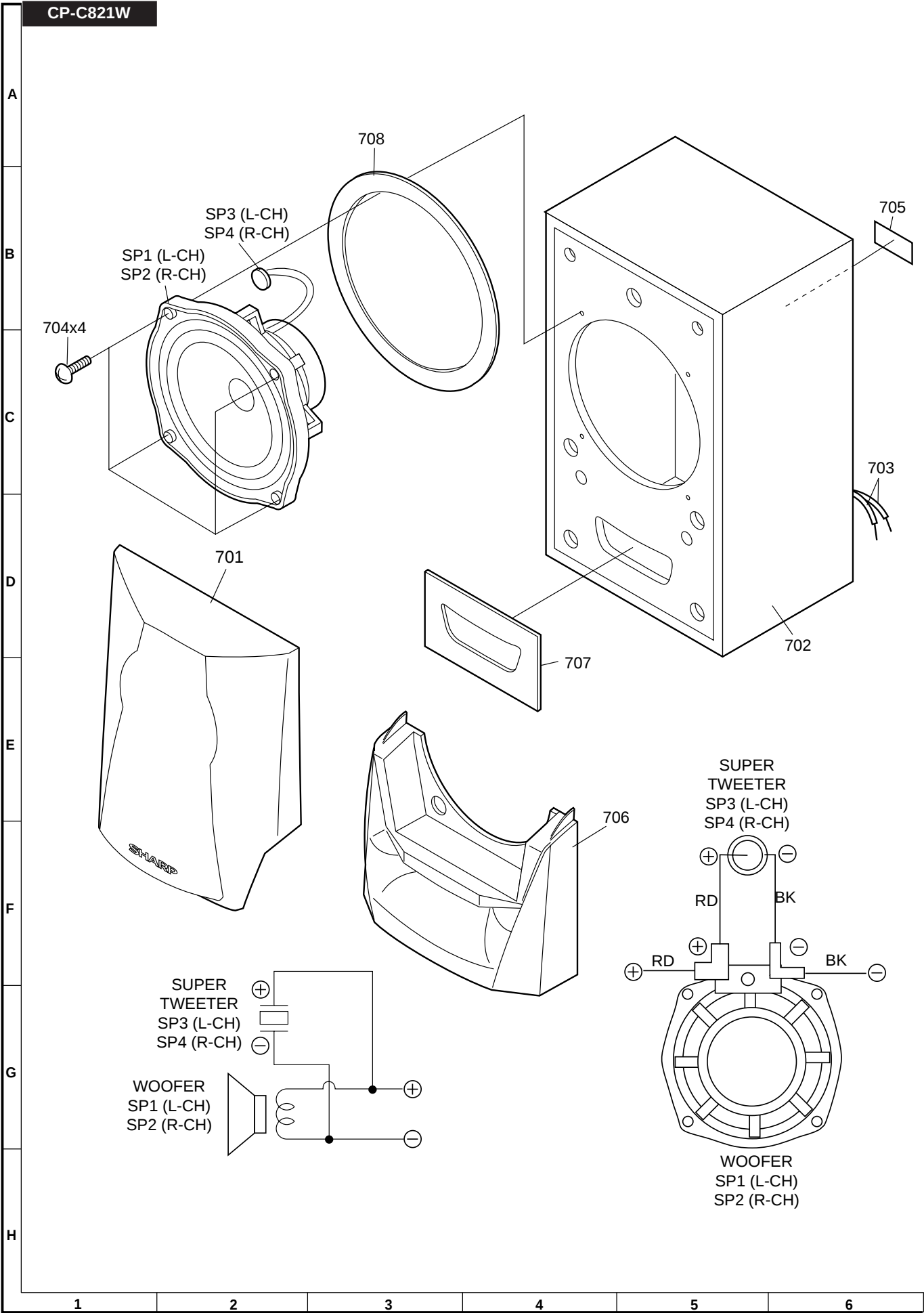


Figure 12 SPEAKER EXPLODED VIEW (1/3)



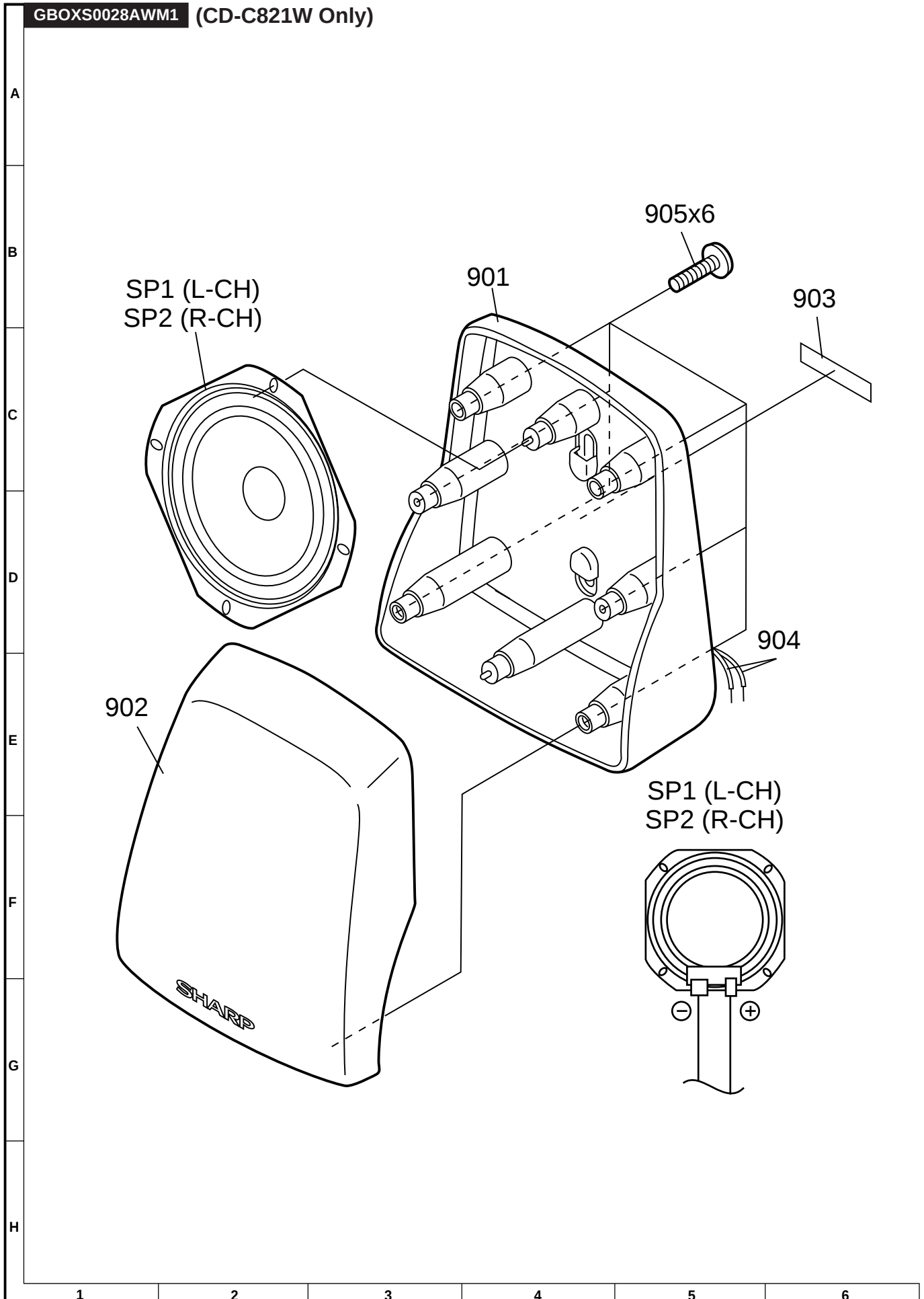


Figure 14 SPEAKER EXPLODED VIEW (3/3)

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