

SHARP SERVICE MANUAL

No. S3823CDC5W///

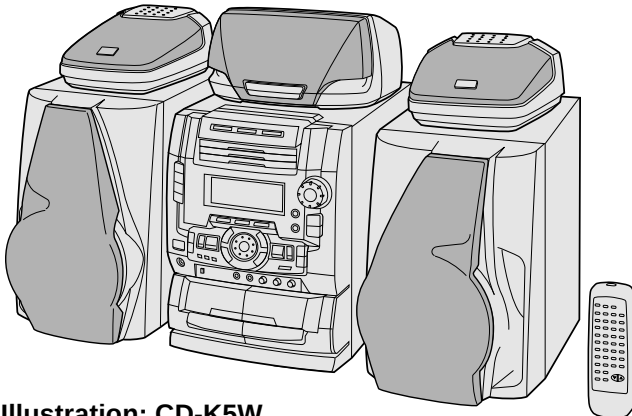


Illustration: CD-K5W

COMPACT
disc
DIGITAL AUDIO

- SRS technology Licensed from SRS Labs. SRS technology holds the following patents: U.S. Patent No. 4,748,669 and U.S. Patent No. 4,841,572.
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- QSound is protected under US Patent Nos. 5,105,462 and 5,208,860 and foreign counterparts.

Center Speaker (GBOXS0008AWM1) and Surround Speaker (GBOXS0009AWM1), Constitute CP-C5W.

DOLBY B NR

- Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation.
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DOLBY SURROUND PRO • LOGIC

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

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DIFFERENCE BETWEEN CD-C5W AND CD-K5W

SECTION	CD-C5W	CD-K5W
KARAOKE CIRCUIT	Not used	○

SHARP CORPORATION

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The contents are subject to change without notice.

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

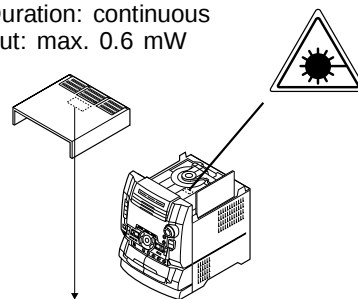
CLASS 1 LASER PRODUCT
APPAREIL À LASER DE CLASSE 1
PRODUCTO LASER DE CLASE 1

- 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 or 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-ÖSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD. STIRRA EJ IN I STRÅLEN OCH BETRÄKTA EJ STRÅLEN MED OPTISKA INSTRUMENT.
ADVERSEL-ÖSYNLIG LASERSTRÅLNING VED ÅBNING. SE IKKE IND I STRÅLEN-ELLER IKKE MED OPTISKE INSTRUMENTER.
VARO! AVATTAESSA OLET ALTTIINA NÄKYMÄTTÖMÄLLE LASERSÄTEILYLLE. ÄLÄ KATSO SÄTEESEEN.
VARNING-ÖSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD. STIRRA EJ IN I STRÅLEN OCH BETRÄKTA EJ STRÅLEN GENOM OPTISKT INSTRUMENT.
ADVERSEL-ÖSYNLIG LASERSTRÅLNING NÄR DEKSEL ÅPNES. STIRRIGKE INN I STRÅLEN ELLER SE DIREKTE MED OPTISKE INSTRUMENTER.

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

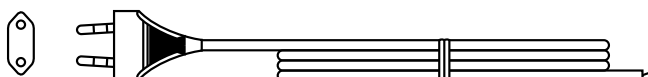
VOLTAGE SELECTION

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.

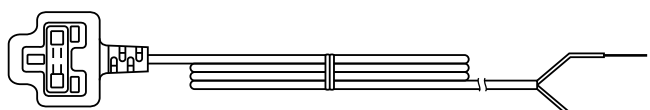
QACCA0001AW00



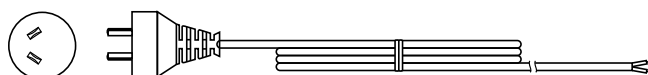
QACCE0008AW00



QACCB0005AW00



QACCL0005AW00



92LPLUG155A



92LPLUG027

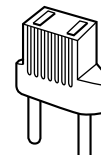


Figure 2 AC POWER SUPPLY CORD AND AC PLUG ADAPTOR

SPECIFICATIONS

CD-C5W/CD-K5W● **General**

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

Power consumption: 550 W

Dimensions: Width; 270 mm (10-5/8")
Height; 356 mm (14-3/16")
Depth; 355 mm (14")

Weight: 11.0 kg (24.3 lbs.)

● **Amplifier section**

Output power: PMPO; 2400 W (total)
(Front)
MPO; 320 W (160 W + 160 W) (10 % T.H.D)
RMS; 200 W (100 W + 100 W) (10 % T.H.D)
(Centre)
MPO; 100 W (10 % T.H.D)
RMS; 50 W (10 % T.H.D)
(Surround)
MPO; 100 W (50 W + 50 W) (10 % T.H.D)
RMS; 50 W (25 W + 25 W) (10 % T.H.D)

Input terminals: Video/Auxiliary (audio signal) × 2; 500 mV/47 kohms

Input terminals: MIC 1/2; 1 mV/4.7 kohms
(CD-K5W) Video/Auxiliary (audio signal) × 2; 500 mV/47 kohms

Input terminals: Video/Auxiliary (audio signal) × 2; 500 mV/47 kohms
(CD-C5W) Front speakers; 6 ohms
Centre speaker; 6 ohms
Surround speakers; 12 ohms
Headphones; 16-50 ohms (recommended; 32 ohms)
CD digital output (optical)
Pre-output; 500 mV/47 kohms

● **Compact disc player section**

Type: 3-disc multi-play compact disc player

Signal readout: Non-contact, 3-beam semiconductor laser pickup

Rotational speed: 200 - 500 rpm CLV, Approx.

Error correction: CIRC (Cross Interleave Reed-Solomon Code)

Quantization: 16-bit linear

Filter: 8-times oversampling digital filter

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

Frequency response: 20 - 20,000 Hz

Dynamic range: 90 dB (1 kHz)

Wow and flutter: Unmeasurable
(less than 0.001% W. peak)

● **Tuner section**

Frequency range: FM; 88 - 108 MHz
SW2; 9.5 - 21.85 MHz
SW1; 3.2 - 7.3 MHz
MW; 531 - 1,602 kHz

● **Cassette deck section**

Type: Compact cassette tape

Frequency response: 50 - 14,000 Hz (Normal tape)
50 - 15,000 Hz (CrO₂ tape)

Motor: DC motor with electronic governor × 1

Signal/noise ratio: 55 dB (TAPE 1, playback, Dolby NR off)
50 dB (TAPE 2, recording/playback, Dolby NR off)
Dolby NR effect; 10 dB (at over 5 kHz)

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-C5W● **Front speaker section**

Type: 3-way type [16 cm (6-1/2") woofer, 5 cm (2") tweeter and super tweeter]

Rated input power: 100 W

Maximum input power: 200 W

Impedance: 6 ohms

Dimensions: Width; 240 mm (9-1/2")
Height; 350 mm (13-13/16")
Depth; 349.5 mm (13-13/16")

Weight: 5.7 kg (12.6 lbs.)/each

GBOXS0008AWM1● **Centre speaker section**

Type: 2-way [12 cm (4-3/4") woofer and 5 cm (2") tweeter]

Maximum input power: 100 W

Impedance: 6 ohms

Dimensions: Width; 270 mm (10-5/8")
Height; 142 mm (5-5/8")
Depth; 220 mm (8-11/16")

Weight: 1.8 kg (4.0 lbs.)

GBOXS0009AWM1● **Surround speaker section**

Type: 10 cm (4") full-range speaker

Maximum input power: 50 W

Impedance: 12 ohms

Dimensions: Width; 200 mm (7-7/8")
Height; 114 mm (4-1/2")
Depth; 240 mm (6-15/16")

Weight: 1.1 kg (2.5 lbs.)/each

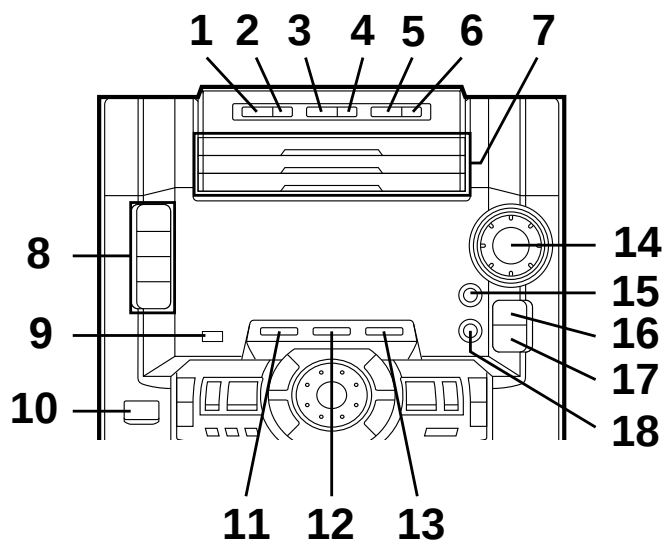
NAMES OF PARTS

CD-C5W/CD-K5W

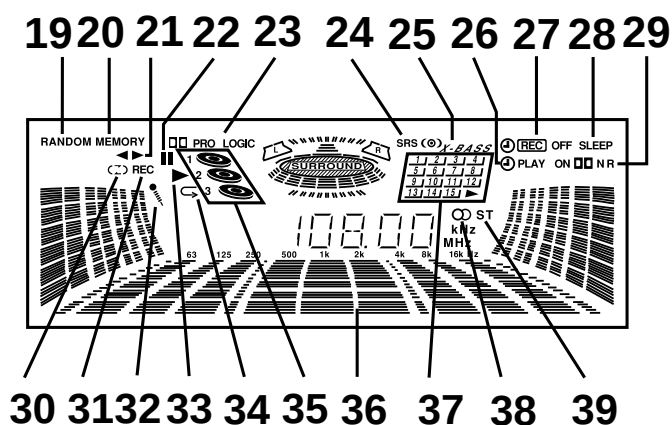
■ Front panel

1. Disc 1 Select/Direct Play Button
2. Disc 1 Open/Close Button
3. Disc 2 Select/Direct Play Button
4. Disc 2 Open/Close Button
5. Disc 3 Select/Direct Play Button
6. Disc 3 Open/Close Button
7. Disc Trays
8. Function Selector Buttons
9. Remote Control Sensor
10. On/Stand-by Button
11. Dolby Pro Logic Button
12. Virtual Surround Button
13. QSOUND Button
14. Volume Control
15. Extra Bass Button
16. 3D Surround Mode Button
17. 3D Surround Pass Button
18. Equalizer Selector/Demo Mode Button

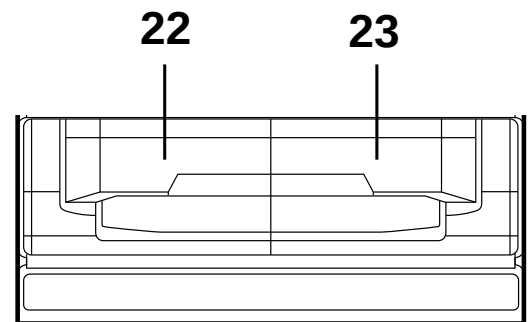
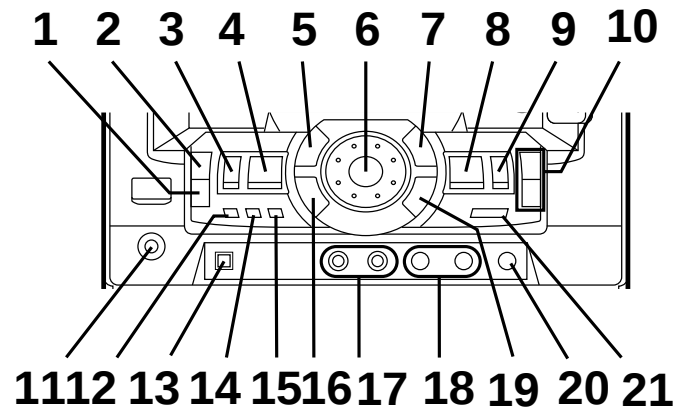
Illustration: CD-K5W



19. (CD) Random Play Indicator
20. (CD/TUNER) Memory Indicator
21. (TAPE 2) Direction Indicators
22. (CD) Pause Indicator
23. Dolby Pro Logic Indicator
24. SRS Indicator
25. Extra Bass Indicator
26. Timer Play Indicator
27. Timer Record Indicator
28. Sleep Indicator
29. (TAPE) Dolby NR Indicator
30. (TAPE) Reverse Mode Indicator
31. (TAPE) Record Indicator
32. Karaoke Maker Indicator (CD-K5W Only)
33. (CD) Play Indicator
34. (CD) Repeat Indicator
35. (CD) Disc Number Indicators
36. Spectrum Analyzer/Volume Level Indicator
37. (CD) Music Schedule Indicators
38. FM Stereo Indicator
39. FM Stereo Mode Indicator

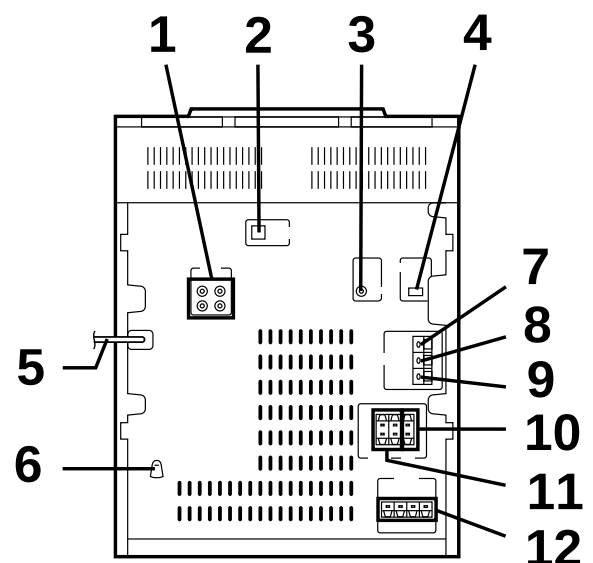


1. (CD) Clear Button
2. Memory/Set Button
3. (TAPE) Reverse Mode Button
4. (TAPE) Reverse Play Button
5. (TUNER) Tuning Down Button
(CD) Track Down/Review Button
(TAPE) Fast Wind Button
6. Jog Dial
7. (TUNER) Tuning Up Button
(CD) Track Up/Cue Button
(TAPE) Fast Wind Button
8. (CD) Play/Repeat Button
(TAPE) Forward Play Button
9. (TAPE) Record Pause Button
10. (TAPE) Editing Speed Selector Buttons
11. Headphone Socket
12. Clock Button
13. Karaoke Maker Switch (CD-K5W Only)
14. Timer Button
15. Sleep Button
16. (CD) Pause Button
17. Microphone Sockets (CD-K5W Only)
18. Microphone Level Controls (CD-K5W Only)
19. (CD/TAPE) Stop Button
20. Digital Echo Control (CD-K5W Only)
21. (TAPE) Dolby NR Button
22. (TAPE 1) Cassette Compartment
23. (TAPE 2) Cassette Compartment



■ Rear panel

1. Video/Auxiliary (Audio Signal) Input Sockets
2. CD Digital Output Socket
3. Super Woofer Output Socket
4. Span Selector Switch
5. AC Power Lead
6. AC Voltage Selector
7. FM 75 Ohms Aerial Terminal
8. Aerial Earth Terminal
9. SW1/SW2/MW Aerial Terminal
10. Centre Speaker Terminals
11. Surround Speaker Terminals
12. Front Speaker Terminals



CD-C5W/CD-K5W,CP-C5W

■ Remote control

1. Remote Control Transmitter LED
2. Virtual Surround Button
3. Dolby Pro Logic Button
4. Surround Level Buttons
5. Centre Level Buttons
6. Test Tone Button
7. QSOUND Button
8. Balance Control Buttons

● Tuner control section

9. Preset Up/Down Buttons

● CD control section

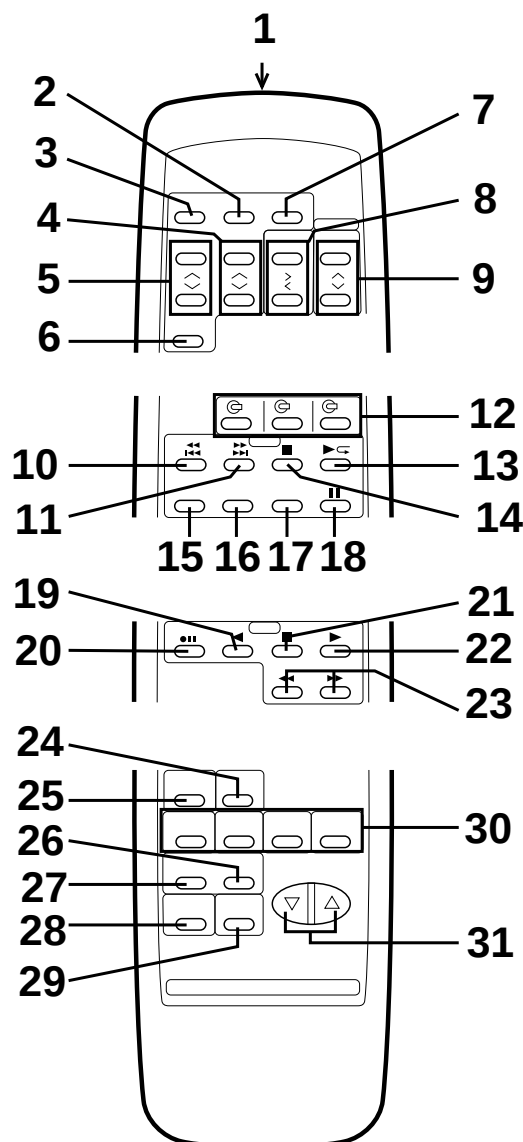
10. Track Down/Review Button
11. Track Up/Cue Button
12. CD Select/Direct Play Buttons
13. Play/Repeat Button
14. Stop Button
15. Memory Button
16. Clear Button
17. Random Button
18. Pause Button

● Tape control section

19. Reverse Play Button
20. Record Pause Button
21. Stop Button
22. Forward Play Button
23. Fast Wind Buttons

● Common section

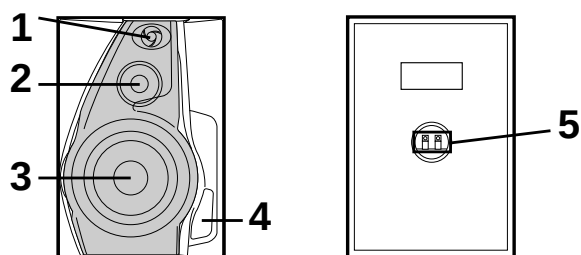
24. Extra Bass Button
25. Equalizer Mode Button
26. 3D Surround Mode Button
27. 3D Surround Pass Button
28. On/Stand-by Button
29. Dimmer Button
30. Function Selector Buttons
31. Volume Up/Down Buttons



CP-C5W

■ Speaker section (Front speaker)

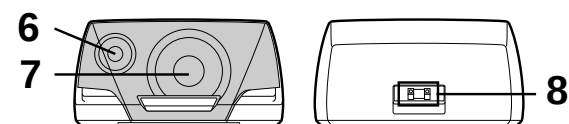
1. Super Tweeter
2. Tweeter
3. Woofer
4. Bass Reflex Duct
5. Speaker Terminals



GBOXS0008AWM1

(Centre speaker)

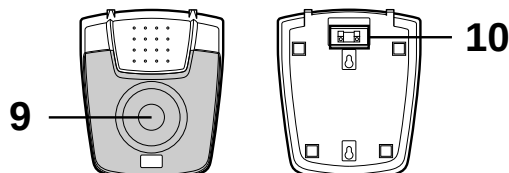
6. Tweeter
7. Woofer
8. Speaker Terminals



GBOXS0009AWM1

(Surround speaker)

9. Full-Range Speaker
10. Speaker Terminals



OPERATION MANUAL

PREPARATION FOR USE

FM/MW 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 MW station. The illustration shows the 9 kHz interval zones (regions 1 and 3), and the 10 kHz interval zone (region 2).

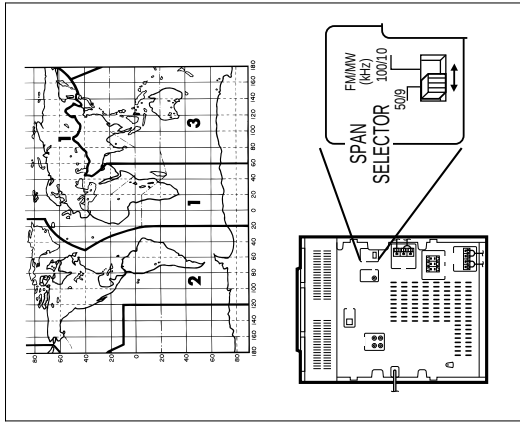
Before using the unit, set the SPAN SELECTOR switch (on the rear panel) to MW tuning interval (span) of your area.

To change the tuning zone:

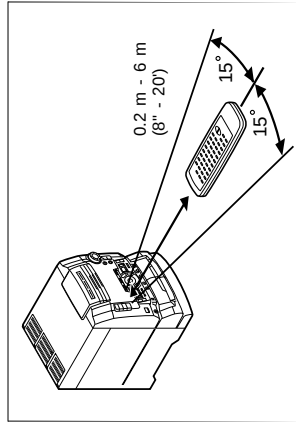
- 1 Press the ON/STAND-BY button to enter the stand-by mode.
- 2 Set the SPAN SELECTOR switch to "50/9" for 9 kHz MW interval (50 kHz FM interval), and "100/10" for 10 kHz MW interval (100 kHz FM interval).
- 3 Press and hold down the ►► button, the EQ/DEMO button and the ON/STAND-BY button all at the same time. Hold them 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.



(Continued)

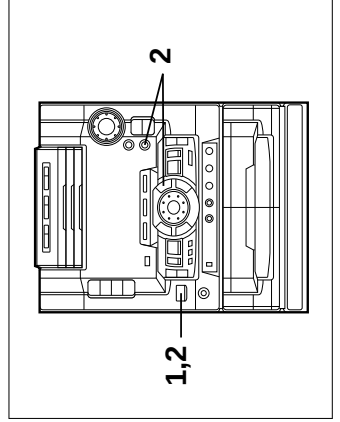


Remote control

Notes concerning use:

- Replace the batteries if control distance decreases or 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.

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.

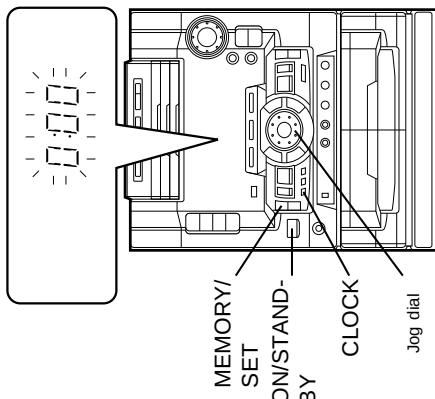
- 1 Press the ON/STAND-BY button to enter the stand-by mode.
- 2 Press and hold down the ►► button, the EQ/DEMO button and the ON/STAND-BY button all at the same time. Hold them for at least 1 second.

Caution:

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

SETTING THE CLOCK

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



2

3

4

5

6

7

8

9

- 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 Turn the jog dial 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" → 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.
- 5 Press the MEMORY/SET button.
- 6 Adjust the hour by turning the jog dial.
- Turn the dial one click to advance the time by 1 hour. Keep turning the dial to advance continuously.
- When the 12-hour display is selected, "AM" will change automatically to "PM".
- 7 Press the MEMORY/SET button.
- 8 Adjust the minutes by turning the jog dial.
- Turn the dial one click to advance the time by 1 minute. Keep turning the dial to advance continuously.
- 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.)

Note:

- In the event of a power failure or when the AC power lead is disconnected, the clock display will go out. When the AC power supply is restored, the clock display will flash on and off to indicate the time when the power failure occurred or when the AC power lead was disconnected. If this happens, follow the procedure below to change the clock time.

To change the clock time:

When the unit is in the stand-by mode:

- 1 Press the MEMORY/SET button.
 - 2 Perform steps 6 - 9 above.
- When the unit is on:
- 1 Press the CLOCK button.
 - 2 Within 5 seconds, press the MEMORY/SET button.
 - 3 Perform steps 6 - 9 above.

To see the time display:

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

To change the time display mode:

- 1 Perform steps 1 - 2 in the section "RESETTING THE MICRO-COMPUTER", on page 32 of Operation Manual.
- 2 Perform steps 1 - 9 above.

DISASSEMBLY

Caution on Disassembly

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

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

CD-C5W/CD-K5W

STEP	REMOVAL	PROCEDURE	FIGURE
1	Top Cabinet	1. Screw (A1) x4	8-1
2	Side Panel (Left/Right)	1. Screw (B1) x6 2. Screw (B2) x4	8-1
3	CD Changer Block	1. Flat Cable (C1) x1 2. Screw (C2) x2 3. Screw (C3) x2	8-2
4	Pro Logic PWB	1. Screw (D1) x2	9-1
5	Tuner PWB	1. Screw (E1) x9 2. Screw (E2) x1 3. Screw (E3) x4	9-1
6	Main PWB	1. Socket (F1) x4 (CD-K5W) 1. Socket (F1) x3 (CD-C5W) 2. Flat Cable (F2) x2 3. Flat Wire (F3) x2 4. Screw (F4) x2 5. Screw (F5) x2	9-1
7	Front Panel	1. Flat Wire (G1) x2 2. Screw (G2) x1 3. Screw (G3) x2	9-1
8	Display PWB	1. Knob (H1) x2 2. Nut (H2) x1 3. Screw (H3) x12	9-2
9	CD Switch PWB	1. Screw (J1) x3	9-2
10	Headphones PWB	1. Screw (K1) x1	9-2
11	Karaoke PWB (CD-K5W Only)	1. Screw (L1) x2	9-2
12	Tape Mechanism	1. Open the cassette holder 2. Screw (M1) x6	9-2
13	Amp. PWB	1. Socket (N1) x1 2. Screw (N2) x2 3. Screw (N3) x2	9-3
14	Power Amp. PWB	1. Socket (P1) x1 2. Screw (P2) x4 3. Screw (P3) x2	9-4
15	Power Supply PWB	1. Screw (Q1) x1 2. Screw (Q2) x4	9-4
16	CD Digital PWB	1. Screw (R1) x1	9-5
17	CD Changer Holder	1. Screw (S1) x3	9-5
18	CD Servo PWB (Note)	1. Socket (T1) x6 2. Screw (T2) x3	9-6
19	Tray Switch PWB	1. Screw (U1) x1	9-6

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

CD-C5W/CD-K5W

STEP	REMOVAL	PROCEDURE	FIGURE
20	CD Mechanism	1. Screw (V1) x2 2. Top Bord (V2) x1 3. Disc Holder (V3) x1 4. Disc Tray (V4) x3 5. Screw (V5) x1 6. Mechanism Holder Guide (V6) x1 7. Screw (V7) x2 8. Mechanism Holder Bracket (V8) x1 9. Mechanism Holder (V9) x1 10. Screw (V10) x4	10-1

CP-C5W

STEP	REMOVAL	PROCEDURE	FIGURE
1	Front Speaker	1. Screw (A1) x2 2. Screw (A2) x2 3. Screw (A3) x4	10-2 10-3
2	Center Speaker	1. Net (B1) x1 2. Screw (B2) x2 3. Screw (B3) x6 4. Screw (B4) x3	10-4 10-5
3	Surround Speaker	1. Net (C1) x1 2. Screw (C2) x4 3. Screw (C3) x2 4. Screw (C4) x2	10-6

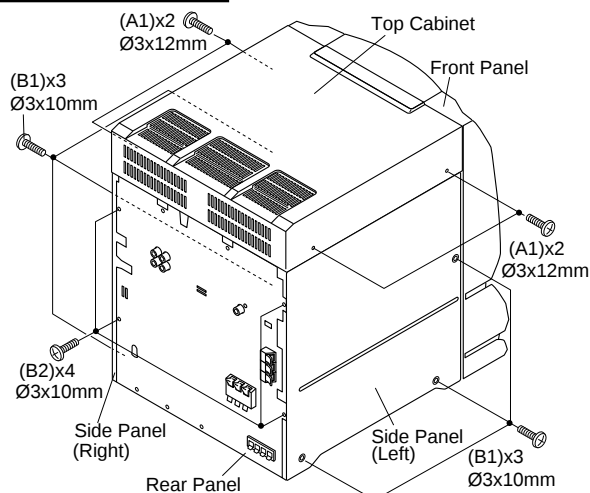
CD-C5W/CD-K5W

Figure 8-1

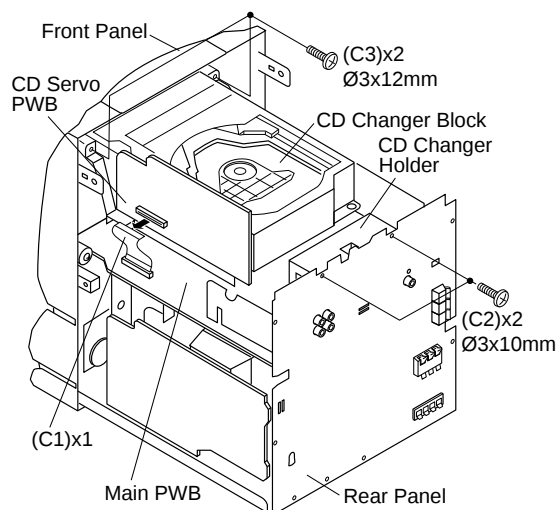


Figure 8-2

CD-C5W/CD-K5W,CP-C5W

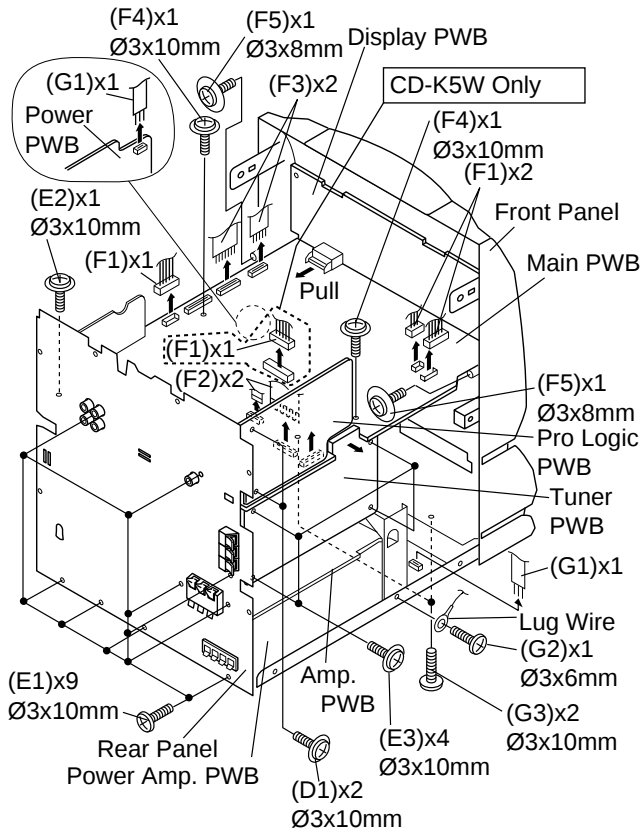


Figure 9-1

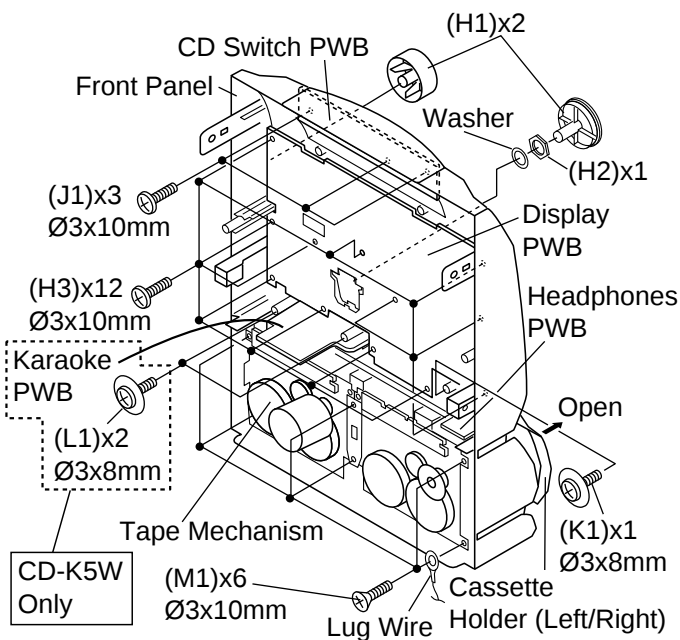


Figure 9-2

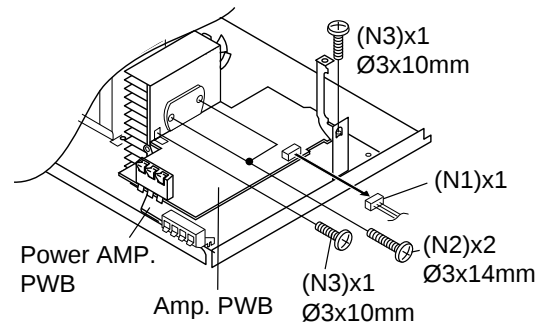


Figure 9-3

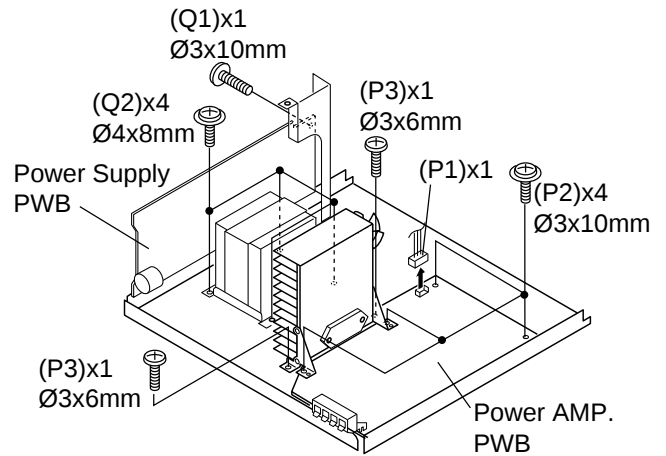


Figure 9-4

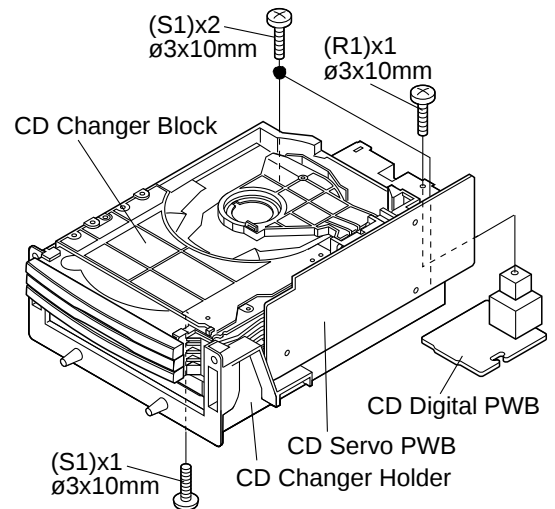


Figure 9-5

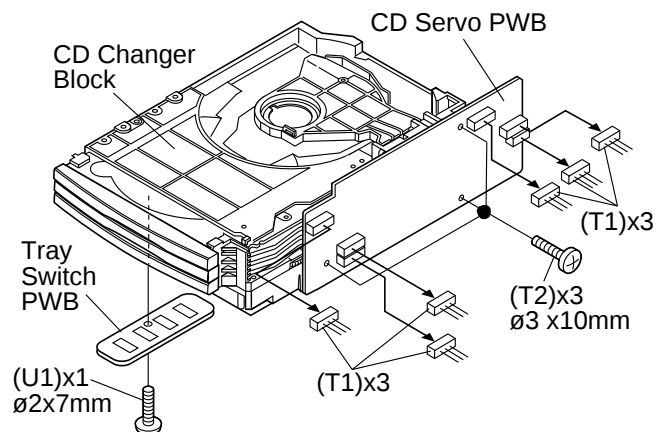


Figure 9-6

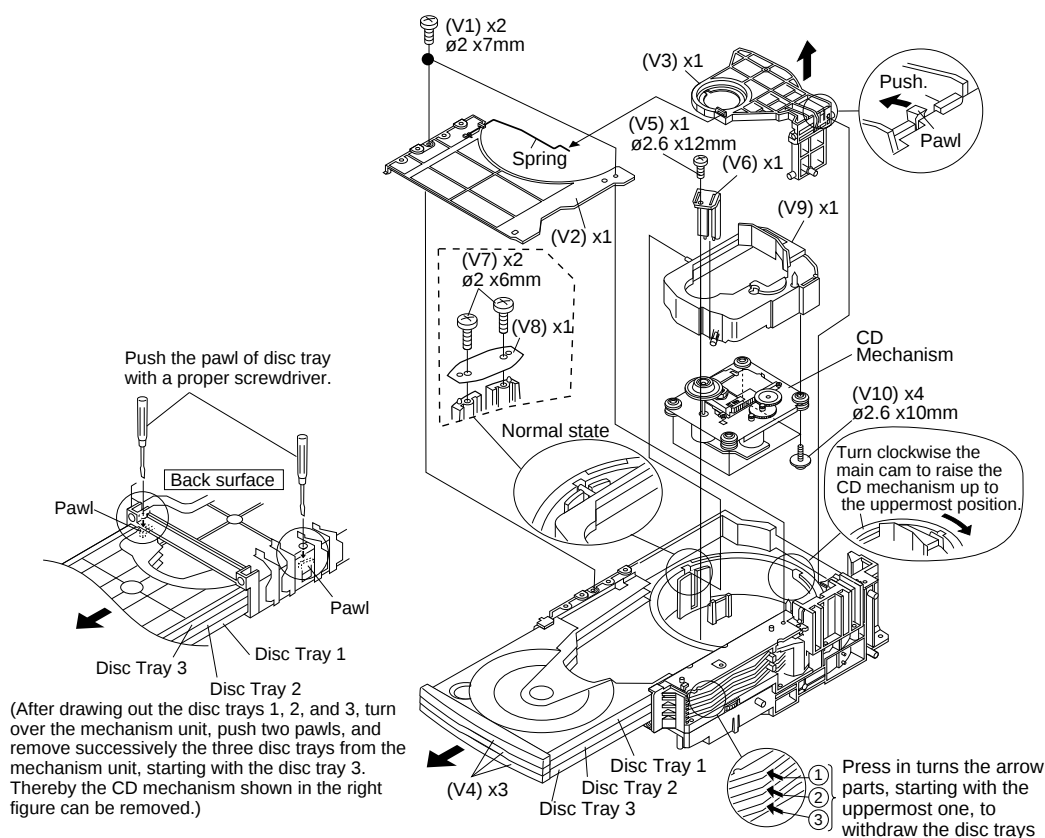


Figure 10-1

CP-C5W

(Front Speaker)

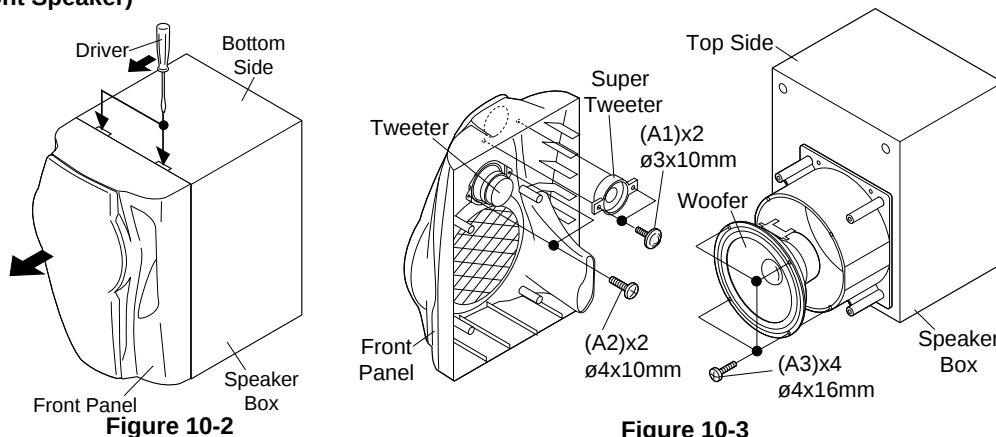


Figure 10-2

Figure 10-3

GBOXS0008AWM1

(Center Speaker)

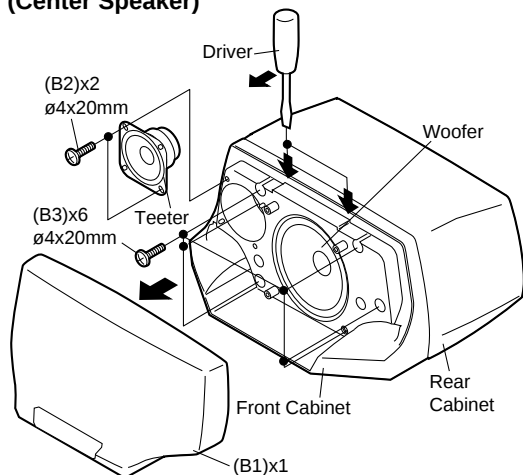


Figure 10-4

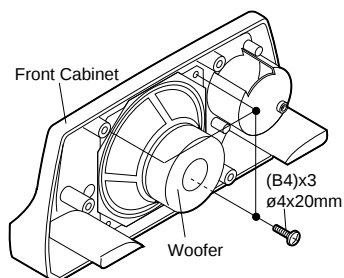


Figure 10-5

GBOXS0009AWM1

(Surround Speaker)

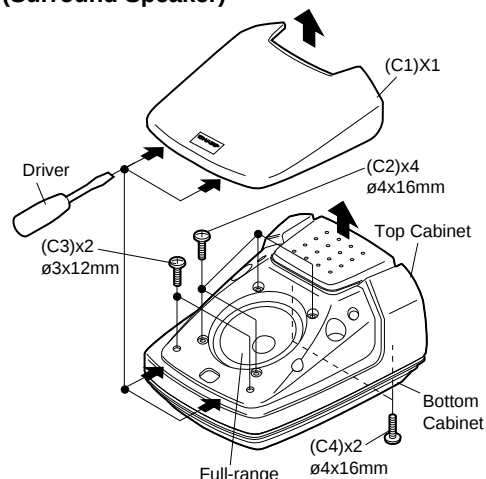


Figure 10-6

REMOVING AND REINSTALLING THE MAIN PARTS

CD MECHANISM SECTION

For the procedure to remove the CD mechanism from the main unit, refer to Disassembling Procedure, Steps 1~9, and 16~20. (page 8).

How to Remove the optical pickup (See Fig. 11-1.)

1. Remove the screws (A1)x 2 pcs., to remove shaft (A2)x 1 pc.
2. Remove stop washer (A3)x 1 pc., to remove gear (A4)x 1 pc.
3. Remove the optical pickup.

Note:

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

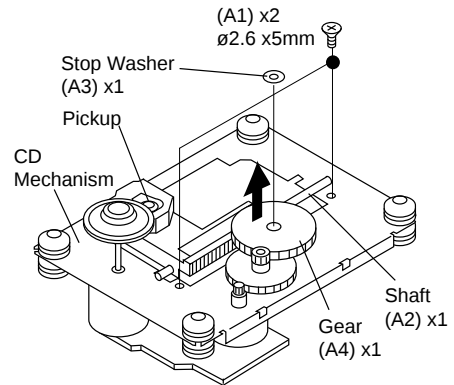


Figure 11-1

How to Remove the tray motor/main cam motor (See Fig. 11-2.)

1. Remove the CD changer section by the method described in page 8, and disassemble as shown in the figure.
2. Remove the belts (B1)x 2 pcs., from the motor side.
3. Remove the screws (B2)x 4 pcs.
4. Remove the tray motor and main cam motor.

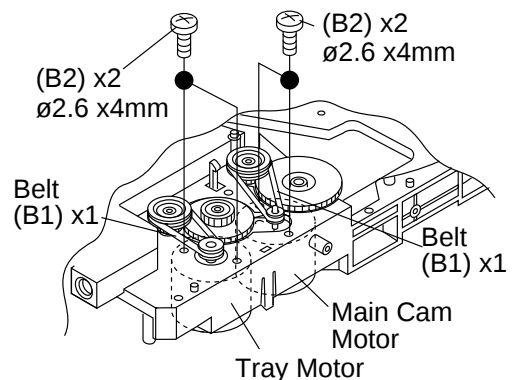
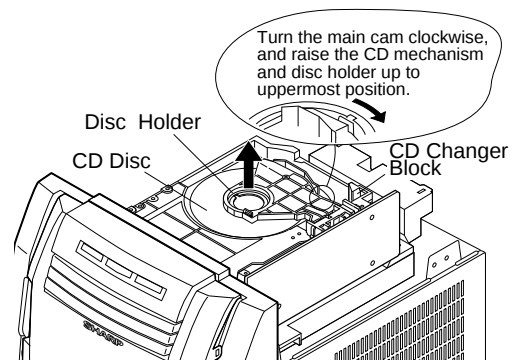


Figure 11-2

How to remove the CD disc (When CD is in playback state) (See Fig. 11-3.)

1. Remove the Top cabinet .
2. Disassemble as shown in the figure so that the CD disc of CD changer becomes visible.
3. Remove the CD disc as shown in the figure.

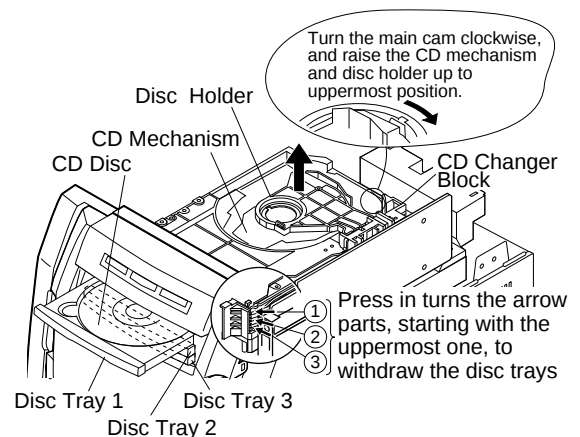


(When CD is in playback state.)

Figure 11-3

How to remove the CD disc (When CD exists in the tray) (See Fig. 11-4.)

1. Remove the Top cabinet.
2. Disassemble as shown in the figure so that the CD disc of CD changer can be taken out.
3. Remove the CD disc from the tray as shown in the figure.



(When CD exists in the tray)

Figure 11-4

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	60 to 120 g.cm
Rewind: TW-2231	60 to 120 g.cm	60 to 120 g.cm

• Tape Speed

	Test Tape	Adjusting Point	Specified Value	Instrument Connection
Normal speed	MTT-111	VRM01	3,000 ± 30 Hz	Speaker terminal

TAPE SECTION

Position of each switch or control	
Volume	MAX
3D Surround Mode Button	PASS
Pre-programmed Equalizer	FLAT
Extra Bass	OFF
Function	TAPE
Dolby NR switch	OFF
X-Bass	OFF

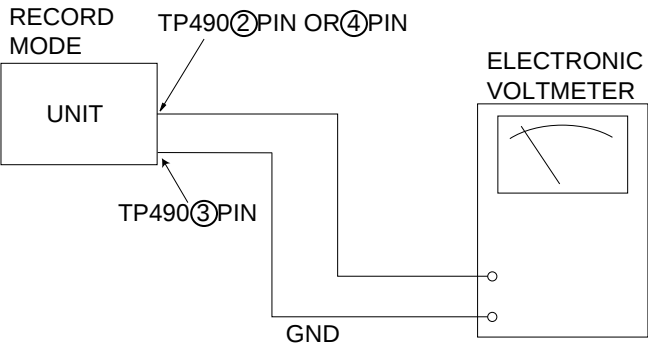


Figure 12-1 BIAS CURRENT

ADJUSTMENT

• Bias Frequency

Adjusting Point	Specified Value	Instrument Connection
—	98 ± 10 kHz	CNP102 ①

• Bias Current

Adjusting Point	Specified Value	Instrument Connection
L: VR101 R: VR102	Normal: 38 ± 10 mV CrO2: 55 ± 15 mV	L: TP490 ④ R: TP490 ②

• Tape 1 Playback Amplifier Sensitivity

Test Tape	Adjusting Point	Specified Value	Instrument Connection
MTT-150	L: VRD01 R: VRD02	Normal: 300 mV	L: TP451 ③ R: TP451 ①

• Tape 2 Playback Amplifier Sensitivity

Test Tape	Adjusting Point	Specified Value	Instrument Connection
MTT-150	L: VRD03 R: VRD04	Normal: 300 mV	L: TP451 ③ R: TP451 ①

• Record/Playback Sensitivity

Test Tape	Adjusting Point	Specified Value	Instrument Connection
UR-127	Record level control	215 mV	Input: VIDEO Output: L: TP451 ③ R: TP451 ①
	L: VR151 R: VR152	215 mV	

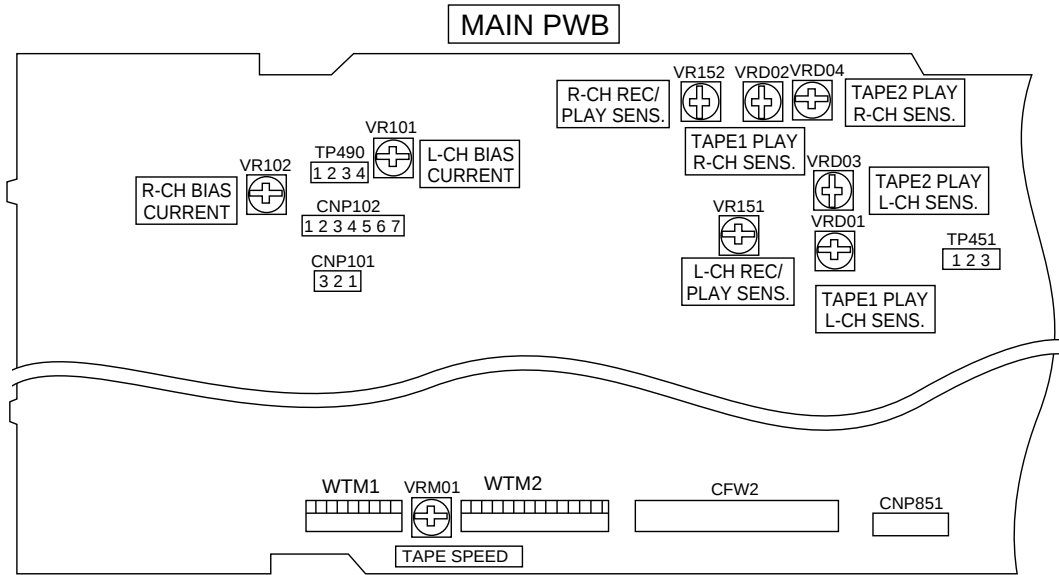


Figure 12-2 ADJUSTMENT POINTS

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
MW Band Coverage	—	531 kHz	(fL): T306 1.1 ± 0.1 V	*2
SW1 Band Coverage	—	3.2 MHz	(fL): T307 2.0 ± 0.1V	*2
SW1 Band Coverage	—	7.3 MHz	(fH): TC305 7.7 ± 0.2 V	*2
SW2 Band Coverage	—	9.5 MHz	(fL): T308 2.1 ± 0.1V	*2
SW2 Band Coverage	—	21.85 MHz	(fH): TC304 7.7 ± 0.2V	*2
MW Tracking	990 kHz	990 kHz	T302	*1
SW1 Tracking	3.9 MHz	3.9 MHz	(fL): T303	*1
SW1 Tracking	7.1 MHz	7.1 MHz	(fH): TC303	*1
SW2 Tracking	11.65 MHz	11.65 MHz	(fL): T304	*1
SW2 Tracking	21.45 MHz	21.45 MHz	(fH): TC302	*1

*1. Input: Antenna, Output: TP301

*2. Input: Antenna, Output: TP301

• FM RF

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

Test Stage	Frequency	Frequency Display	Setting/ Adjusting Parts	Instrument Connection
Band Coverage	—	87.5 kHz	(fL): LT02 3.7 ± 0.1 V	*1
RF	98 MHz 10 - 30 dB	98 MHz	LT01	*2

*1. Input: Antenna, Output: TP301

*2. Input: Antenna, Output: Speaker Terminal

• Setting the Test Mode

Keeping the PAUSE button and TUNER button pressed, turn on POWER. Then, the frequency is initially set in the memory as shown in Table. Call it with the PRESET button to use it for adjustment and check of tuner circuit.

Preset No.	FM	Preset No.	MW	Preset No.	SW1	Preset No.	SW2
1	87.50 MHz	6	531 kHz	11	3.2 MHz	16	9.5 MHz
2	108.00 MHz	7	1,602 kHz	12	7.3 MHz	17	21.85MHz
3	90.00 MHz	8	603 kHz	13	3.9 MHz	18	11.65 MHz
4	106.00 MHz	9	1,404 kHz	14	7.1 MHz	19	21.45 MHz
5	98.00 MHz	10	990 kHz	15	5.06 MHz	20	15.1 MHz
21 ~ 40	—						

• FM Detection

Signal generator: 10.7 MHz, FM sweep

Test Stage	Frequency	Frequency Display	Setting/ Adjusting Parts	Instrument Connection
IF	10.7 MHz	98 MHz	TT01 (Turn the core of transformer TT01 fully counter-clock wise)	*1

*1. Input: Antenna, Output: TP301

*2. Input: Antenna, Output: Speaker Terminal

• FM Mute Level

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

Frequency	Frequency Display	Adjusting Parts	Instrument Connection
98.00 MHz (25 dBμV)	98.00 MHz	VR351 *1	Input: Antenna Output: Speaker Terminal

*1. Adjust so that an output signal appears.

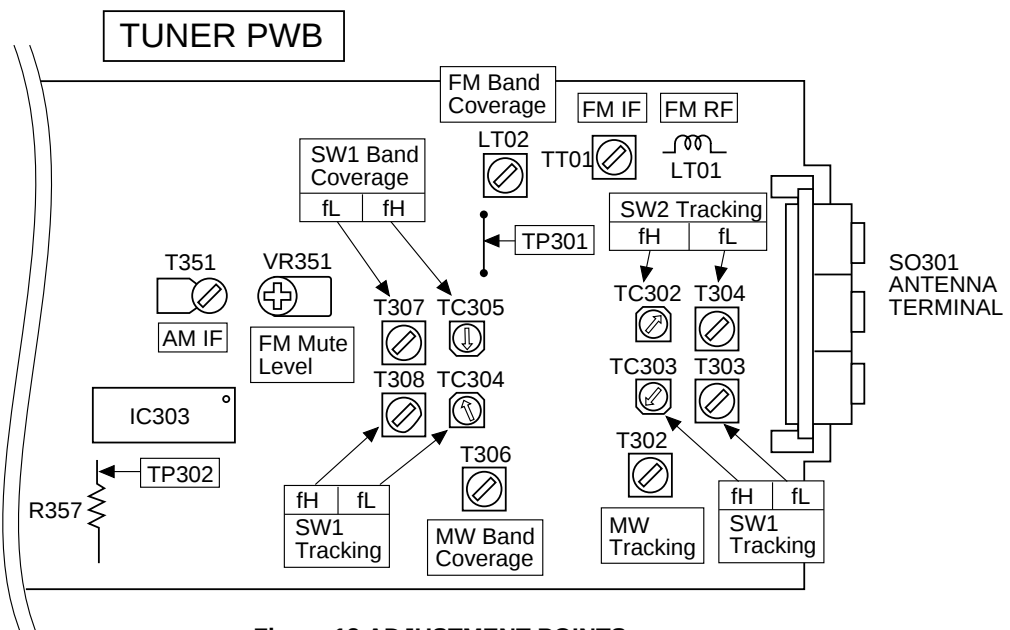


Figure 13 ADJUSTMENT POINTS

CD-C5W/CD-K5W,CP-C5W

TEST MODE

• Setting the test mode

Any one of test mode can be set by pressing several keys as follows.
Hold down the EQ and CD buttons, and press the POWER switch.

TEST: CD operation test

• TEST mode

Function — CD test mode

Setting of TEST mode

Indication of CD TEST mode (Fig. 14-1)

OPEN/CLOSE operation is manual operation.

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

IL is not performed.

<MEMORY> key input — When the tracking servo is activated, playback will begin at the current position. — Press the STOP button. — The pickup will return to the STOP position. — <MEMORY> key input — When the tracking servo is activated, playback will begin at the current position. — <STOP> key input — The pickup normally returns to the STOP position.

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

If the following key is pressed during PLAY, it is possible

to specify directly any Track No.

<Disc Number 1> key: Track 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

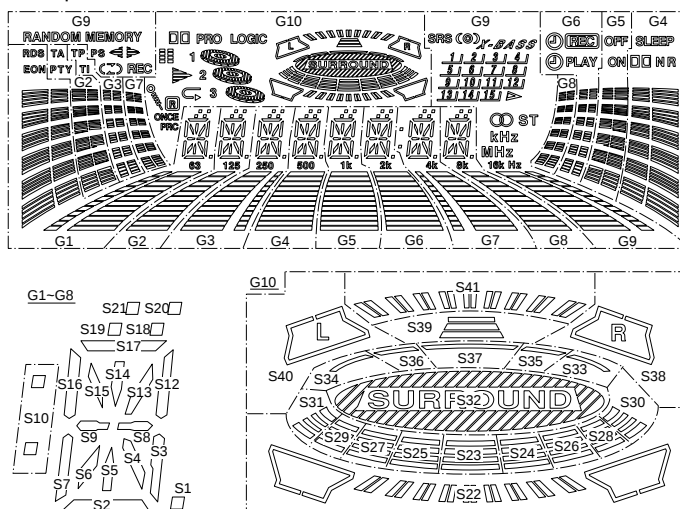


Figure 14-1

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. 14-2)
2. Tracking offset (Fig. 14-3)
3. E/F balance (tracking error balance) (Fig. 14-4)
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.

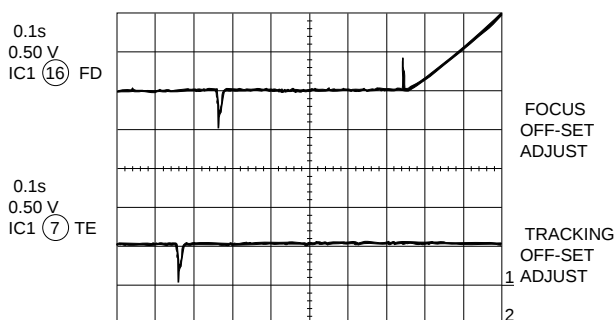


Figure 14-2

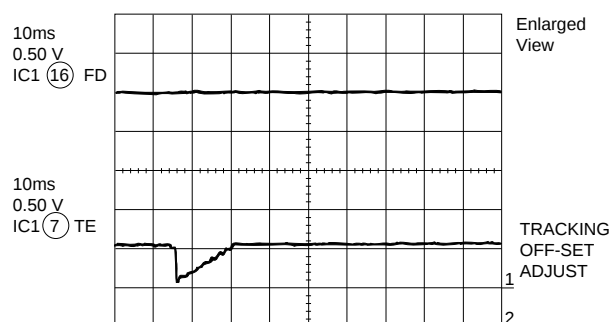


Figure 14-3

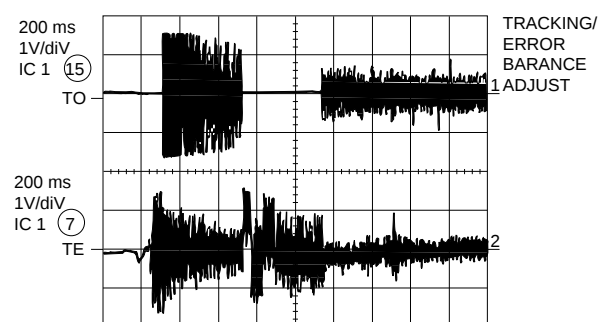


Figure 14-4

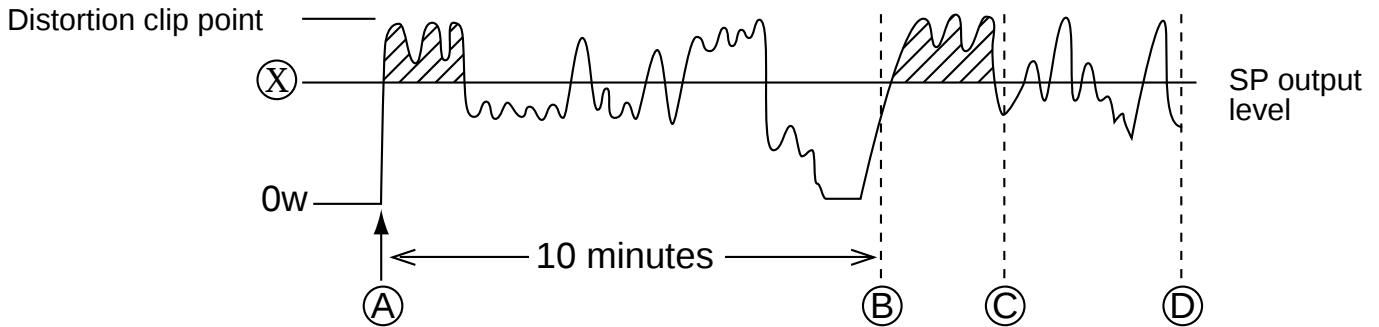
EXPLANATION OF AUTOMATIC SOUND VALUE CORRECTION CONTROL

1. Outline

The recent trend is toward rise of CD record level in the world, for example rock, dancing music, etc. In case of continuous high level playback G-EQ (graphic equalizer) and VOL (Volume) are controlled (lowered) automatically after a lapse of specific time (10 minutes) so as to get the easy-to-listen sound level.

2. Explanation of operation

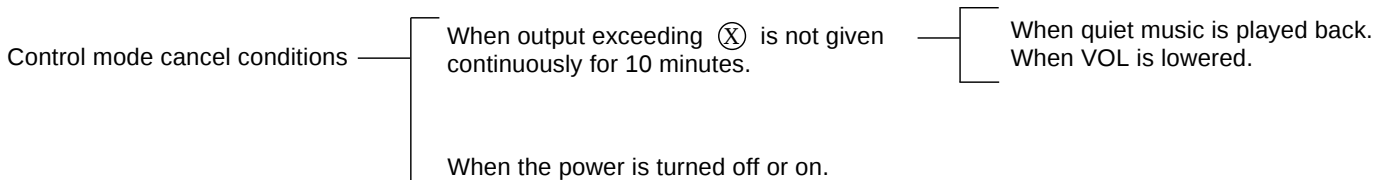
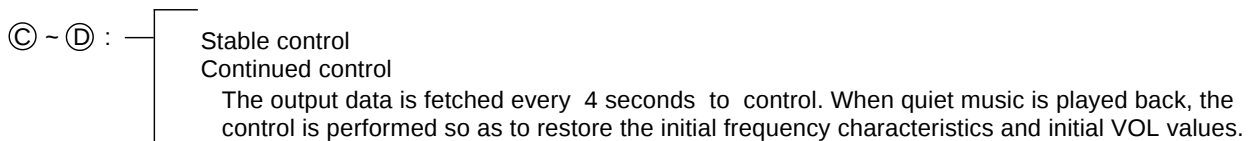
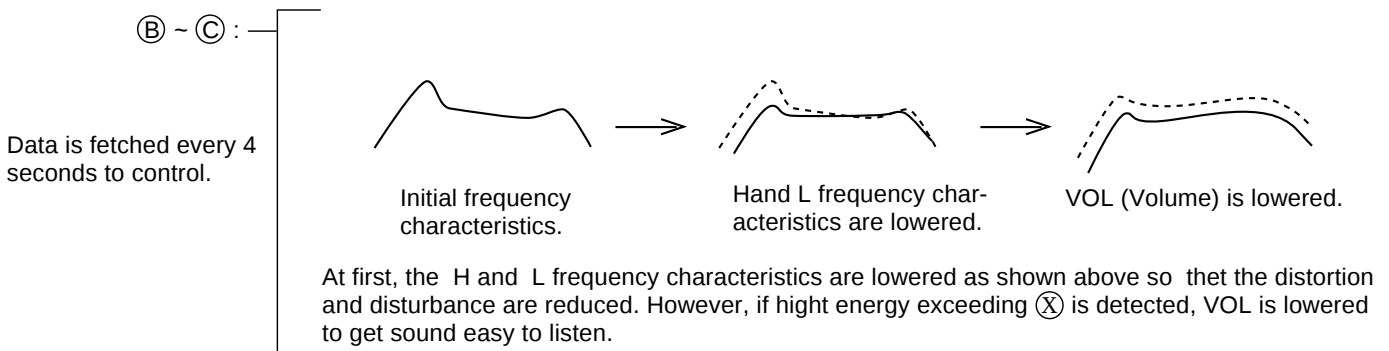
The CD playback operation is explained below.



ⓧ : Threshold value of control circuit operation

Ⓐ : High energy (hatched area) exceeding ⓧ is detected, and the control mode is set.

Ⓑ : After a lapse of 10 minutes the control is started.



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
SW202	SPAN SELECTOR	50/9
SW701	VOLUME UP/DOWN	OFF
SW702	JOG DIAL	OFF
SW702A	PICKUP IN	OFF
SW703	X-BASS	OFF
SW704	EQUALIZER/DEMO	OFF
SW705	SRS MODE	OFF
SW706	SRS PASS	OFF
SW707	FF	OFF
SW708	STOP	OFF
SW709	EDIT NORMAL	OFF
SW710	EDIT HIGH	OFF
SW711	RECORD/PAUSE	OFF
SW712	FORWARD PLAY	OFF
SW713	DOLBY-NR	OFF
SW714	Q-SOUND	OFF
SW715	VIRTUAL	OFF
SW716	DOLBY-PRO LOGIC	OFF
SW717	REWIND	OFF
SW718	CD PAUSE	OFF
SW719	REVERSE PLAY	OFF
SW720	REVERSE MODE	OFF
SW721	CLOCK	OFF
SW722	TIMER	OFF
SW723	SLEEP	OFF
SW724	VIDEO/AUX	OFF

REF. NO	DESCRIPTION	POSITION
SW725	TAPE 1/2	OFF
SW726	TUNER (BAND)	OFF
SW727	CD	OFF
SW732	CLEAR	OFF
SW733	MEMORY/SET	OFF
SW734	ON/STAND-BY	OFF
SW735	KARAOKE MAKER (CD-K5W Only)	OFF
SW739	DISC 3 OPEN/CLOSE	OFF
SW740	DISC 3	OFF
SW741	DISC 2 OPEN/CLOSE	OFF
SW742	DISC 2	OFF
SW743	DISC 1 OPEN/CLOSE	OFF
SW744	DISC 1	OFF
SW851	VOLTAGE SELECTOR	230V-240V
SWB101,102	CAM1, 2	OFF
SWB103,104	CAM3, 4	OFF
SWB105	CD EJECT	OFF
SWB106	CD TRAY CLOSE	OFF
SWB107	CD IN	OFF
SWB108	CD SET	OFF
SWE1	TAPE 1 PLAY	OFF
SWE2	TAPE 1 CrO ₂	OFF
SWE4	TAPE 2 PLAY	OFF
SWE5	TAPE 2 CrO ₂	OFF
SWE7	TAPE 2 SIDE A FP	OFF
SWE8	TAPE 2 SIDE B FP	OFF

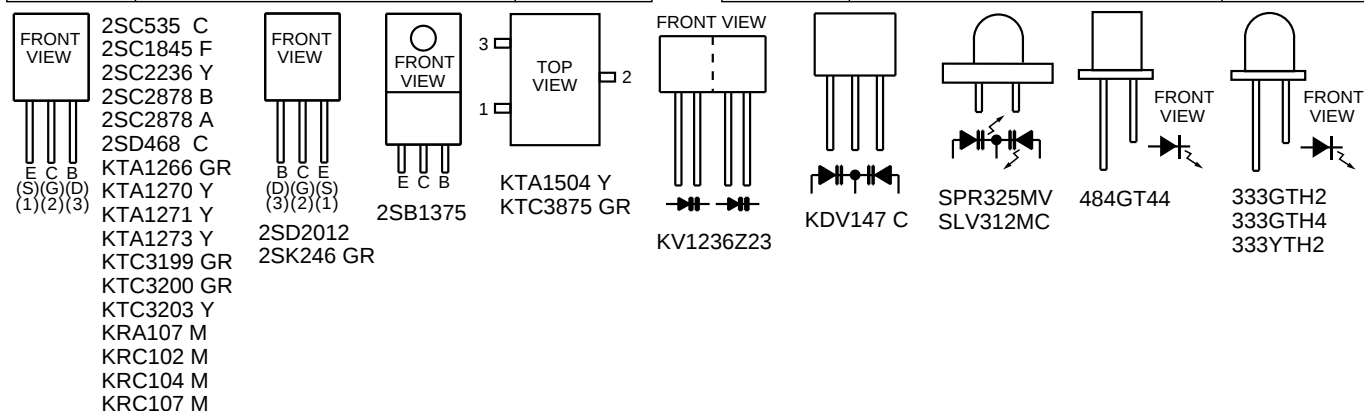


Figure 16 TYPES OF TRANSISTOR AND LED

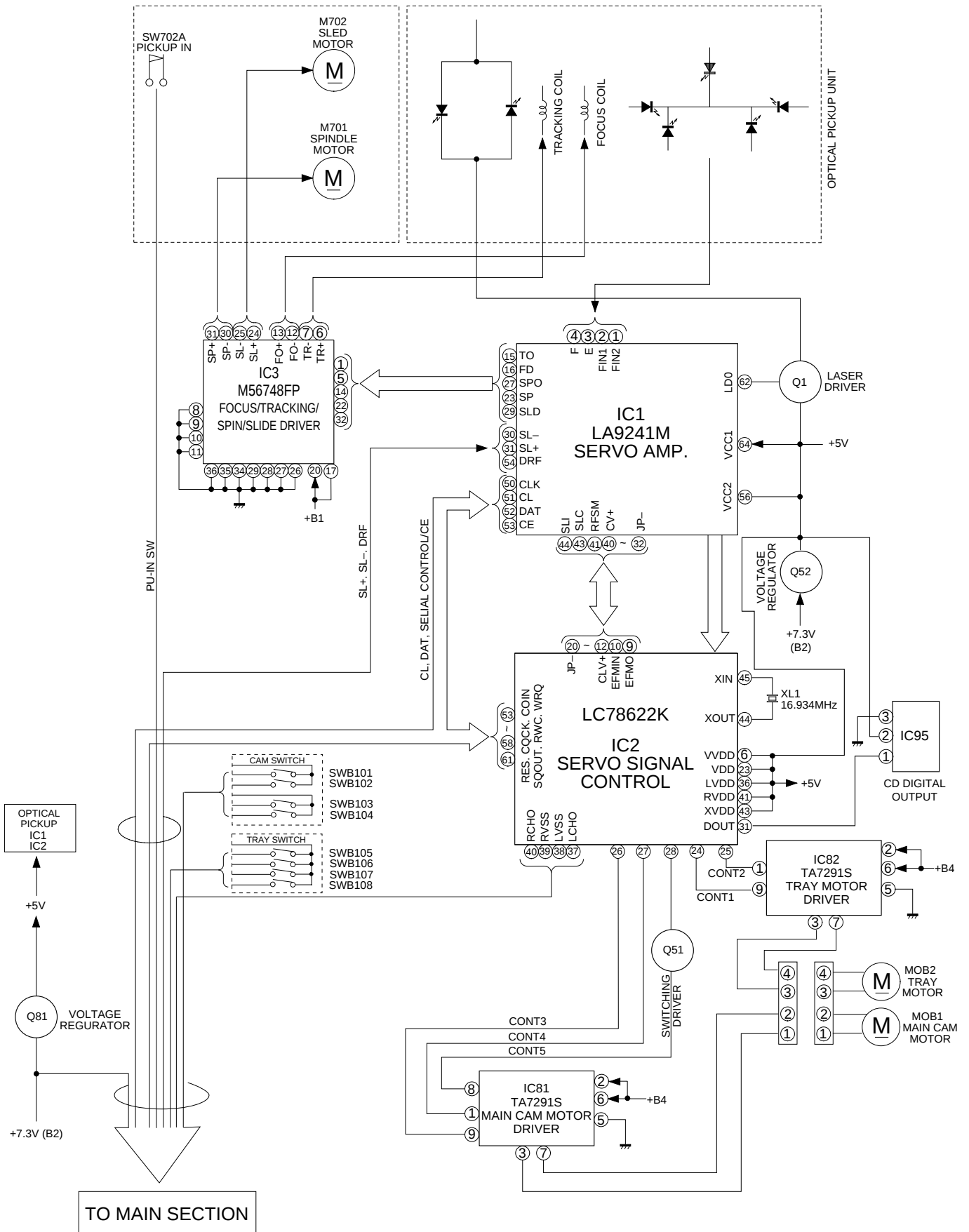
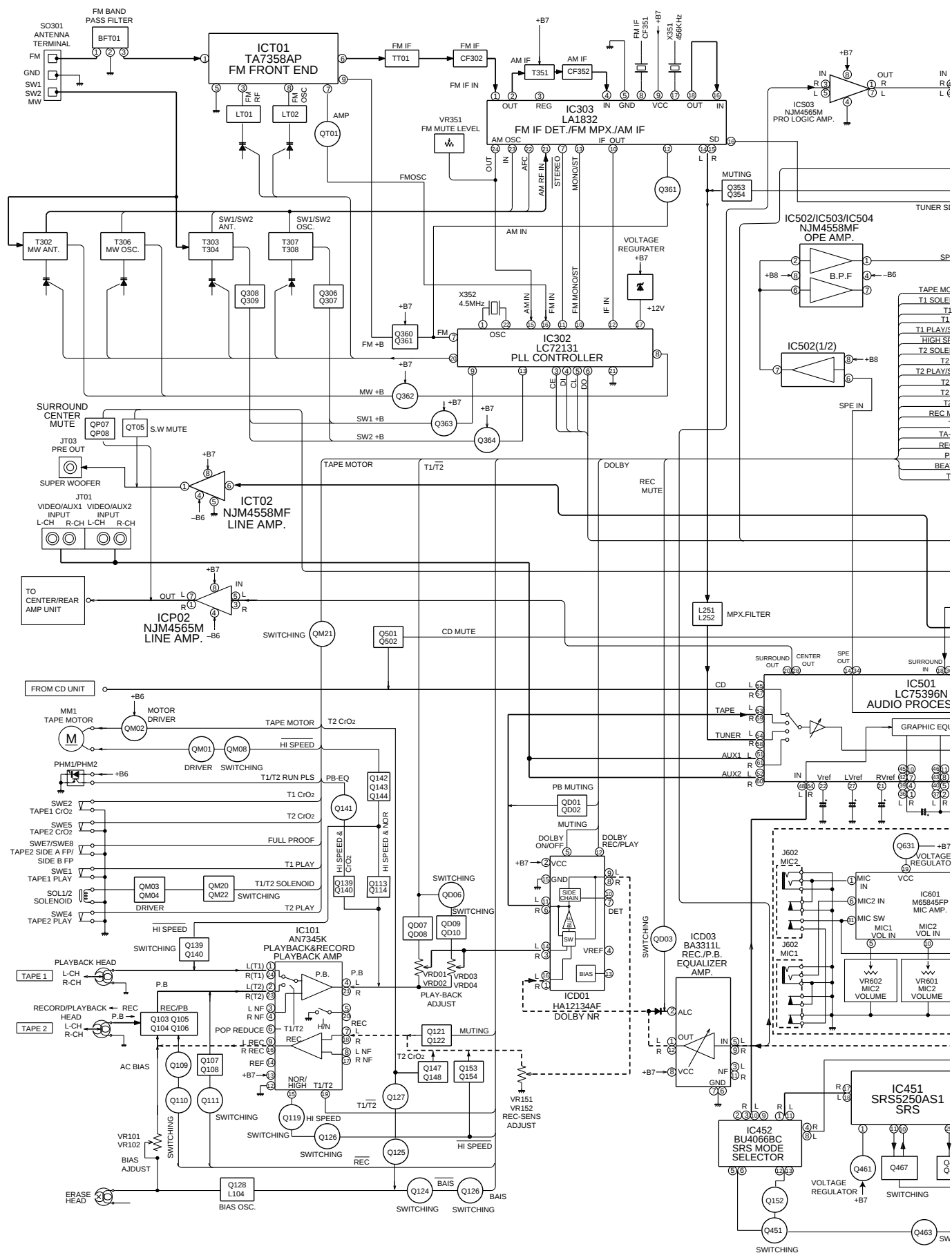


Figure 17 BLOCK DIAGRAM (1/3)

CD-C5W/CD-K5W,CP-C5W



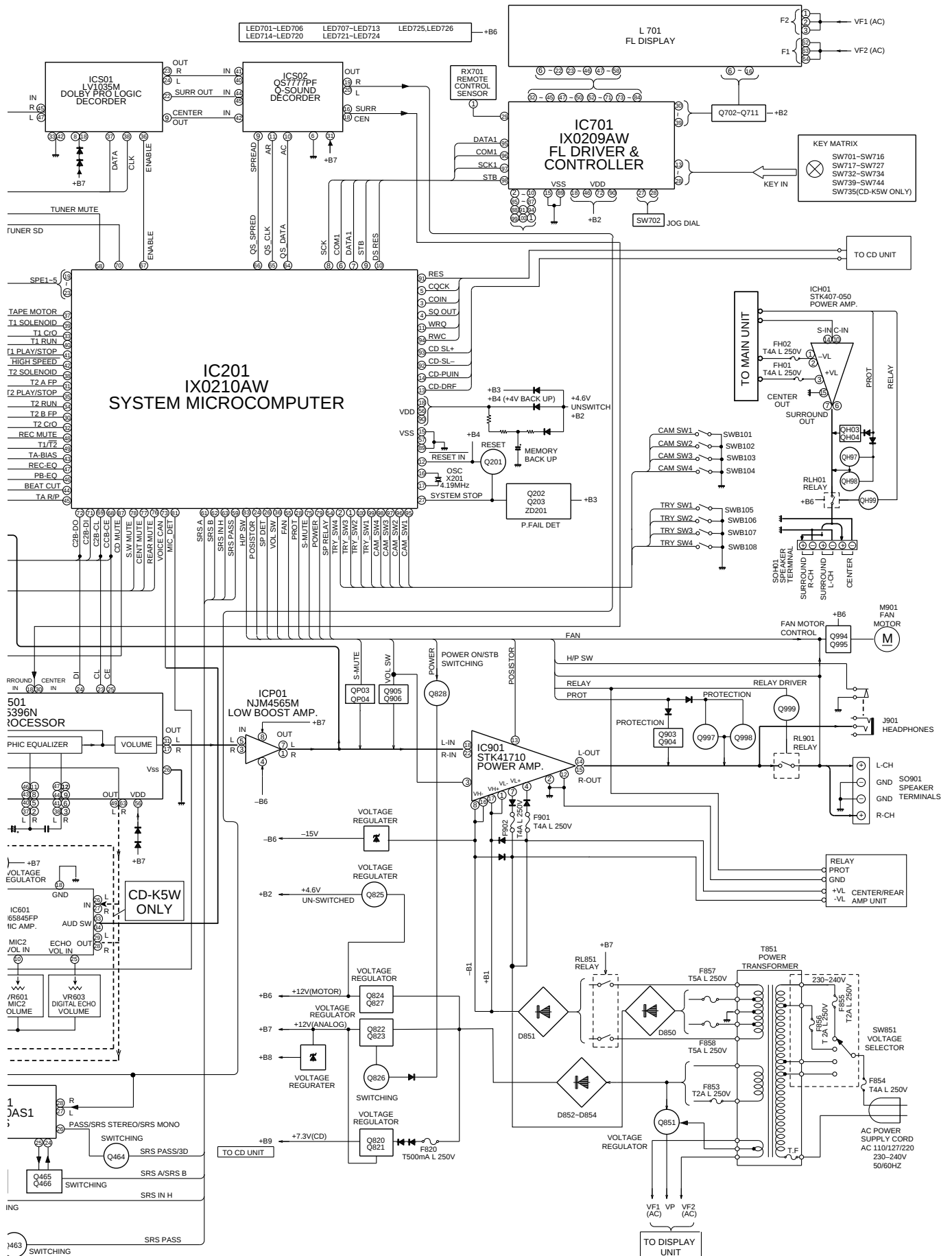


Figure 19 BLOCK DIAGRAM (3/3)

- 20 -

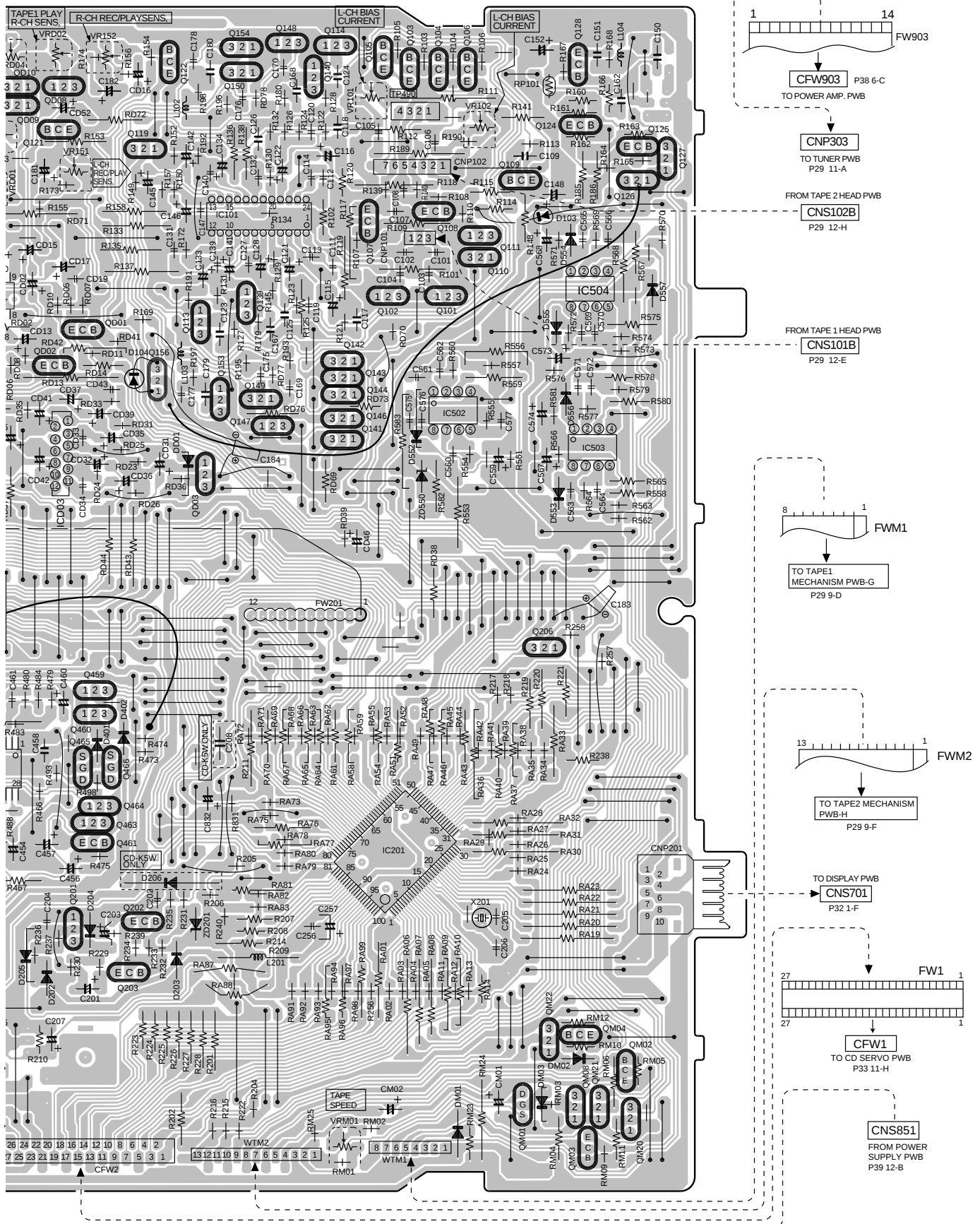


Figure 21 WIRING OF P.W.BOARD (2/9)

The schematic diagram illustrates the internal circuitry of a stereo system, organized into several functional sections:

- Top Section:** Features the **IC201 IX0210AW SYSTEM MICROCOMPUTER**, which is the central control unit. It is connected to various input and output pins, including **RESET**, **GND(D)**, **+4.6V(D)**, **+12V(M)**, **DATA1**, **COM1**, **SCK1**, and **STB1**. It also controls the **CD MUTE** function via **Q207** and **R210**.
- Microcomputer Pins:** The microcomputer has numerous pins for controlling various functions, such as **RA1** through **RA100**, **RA101** through **RA102**, **RA103** through **RA104**, **RA105** through **RA106**, **RA107** through **RA108**, **RA109** through **RA110**, **RA111** through **RA112**, **RA113** through **RA114**, **RA115** through **RA116**, **RA117** through **RA118**, **RA119** through **RA120**, **RA121** through **RA122**, **RA123** through **RA124**, **RA125** through **RA126**, **RA127** through **RA128**, **RA129** through **RA130**, **RA131** through **RA132**, **RA133** through **RA134**, **RA135** through **RA136**, **RA137** through **RA138**, **RA139** through **RA140**, **RA141** through **RA142**, **RA143** through **RA144**, **RA145** through **RA146**, **RA147** through **RA148**, **RA149** through **RA150**, **RA151** through **RA152**, **RA153** through **RA154**, **RA155** through **RA156**, **RA157** through **RA158**, **RA159** through **RA160**, **RA161** through **RA162**, **RA163** through **RA164**, **RA165** through **RA166**, **RA167** through **RA168**, **RA169** through **RA170**, **RA171** through **RA172**, **RA173** through **RA174**, **RA175** through **RA176**, **RA177** through **RA178**, **RA179** through **RA180**, **RA181** through **RA182**, **RA183** through **RA184**, **RA185** through **RA186**, **RA187** through **RA188**, **RA189** through **RA190**, **RA191** through **RA192**, **RA193** through **RA194**, **RA195** through **RA196**, **RA197** through **RA198**, **RA199** through **RA200**, **RA201** through **RA202**, **RA203** through **RA204**, **RA205** through **RA206**, **RA207** through **RA208**, **RA209** through **RA210**, **RA211** through **RA212**, **RA213** through **RA214**, **RA215** through **RA216**, **RA217** through **RA218**, **RA219** through **RA220**, **RA221** through **RA222**, **RA223** through **RA224**, **RA225** through **RA226**, **RA227** through **RA228**, **RA229** through **RA230**, **RA231** through **RA232**, **RA233** through **RA234**, **RA235** through **RA236**, **RA237** through **RA238**, **RA239** through **RA240**, **RA241** through **RA242**, **RA243** through **RA244**, **RA245** through **RA246**, **RA247** through **RA248**, **RA249** through **RA250**, **RA251** through **RA252**, **RA253** through **RA254**, **RA255** through **RA256**, **RA257** through **RA258**, **RA259** through **RA260**, **RA261** through **RA262**, **RA263** through **RA264**, **RA265** through **RA266**, **RA267** through **RA268**, **RA269** through **RA270**, **RA271** through **RA272**, **RA273** through **RA274**, **RA275** through **RA276**, **RA277** through **RA278**, **RA279** through **RA280**, **RA281** through **RA282**, **RA283** through **RA284**, **RA285** through **RA286**, **RA287** through **RA288**, **RA289** through **RA290**, **RA291** through **RA292**, **RA293** through **RA294**, **RA295** through **RA296**, **RA297** through **RA298**, **RA299** through **RA300**, **RA301** through **RA302**, **RA303** through **RA304**, **RA305** through **RA306**, **RA307** through **RA308**, **RA309** through **RA310**, **RA311** through **RA312**, **RA313** through **RA314**, **RA315** through **RA316**, **RA317** through **RA318**, **RA319** through **RA320**, **RA321** through **RA322**, **RA323** through **RA324**, **RA325** through **RA326**, **RA327** through **RA328**, **RA329** through **RA330**, **RA331** through **RA332**, **RA333** through **RA334**, **RA335** through **RA336**, **RA337** through **RA338**, **RA339** through **RA340**, **RA341** through **RA342**, **RA343** through **RA344**, **RA345** through **RA346**, **RA347** through **RA348**, **RA349** through **RA350**, **RA351** through **RA352**, **RA353** through **RA354**, **RA355** through **RA356**, **RA357** through **RA358**, **RA359** through **RA360**, **RA361** through **RA362**, **RA363** through **RA364**, **RA365** through **RA366**, **RA367** through **RA368**, **RA369** through **RA370**, **RA371** through **RA372**, **RA373** through **RA374**, **RA375** through **RA376**, **RA377** through **RA378**, **RA379** through **RA380**, **RA381** through **RA382**, **RA383** through **RA384**, **RA385** through **RA386**, **RA387** through **RA388**, **RA389** through **RA390**, **RA391** through **RA392**, **RA393** through **RA394**, **RA395** through **RA396**, **RA397** through **RA398**, **RA399** through **RA400**, **RA401** through **RA402**, **RA403** through **RA404**, **RA405** through **RA406**, **RA407** through **RA408**, **RA409** through **RA410**, **RA411** through **RA412**, **RA413** through **RA414**, **RA415** through **RA416**, **RA417** through **RA418**, **RA419** through **RA420**, **RA421** through **RA422**, **RA423** through **RA424**, **RA425** through **RA426**, **RA427** through **RA428**, **RA429** through **RA430**, **RA431** through **RA432**, **RA433** through **RA434**, **RA435** through **RA436**, **RA437** through **RA438**, **RA439** through **RA440**, **RA441** through **RA442**, **RA443** through **RA444**, **RA445** through **RA446**, **RA447** through **RA448**, **RA449** through **RA450**, **RA451** through **RA452**, **RA453** through **RA454**, **RA455** through **RA456**, **RA457** through **RA458**, **RA459** through **RA460**

- 22 -

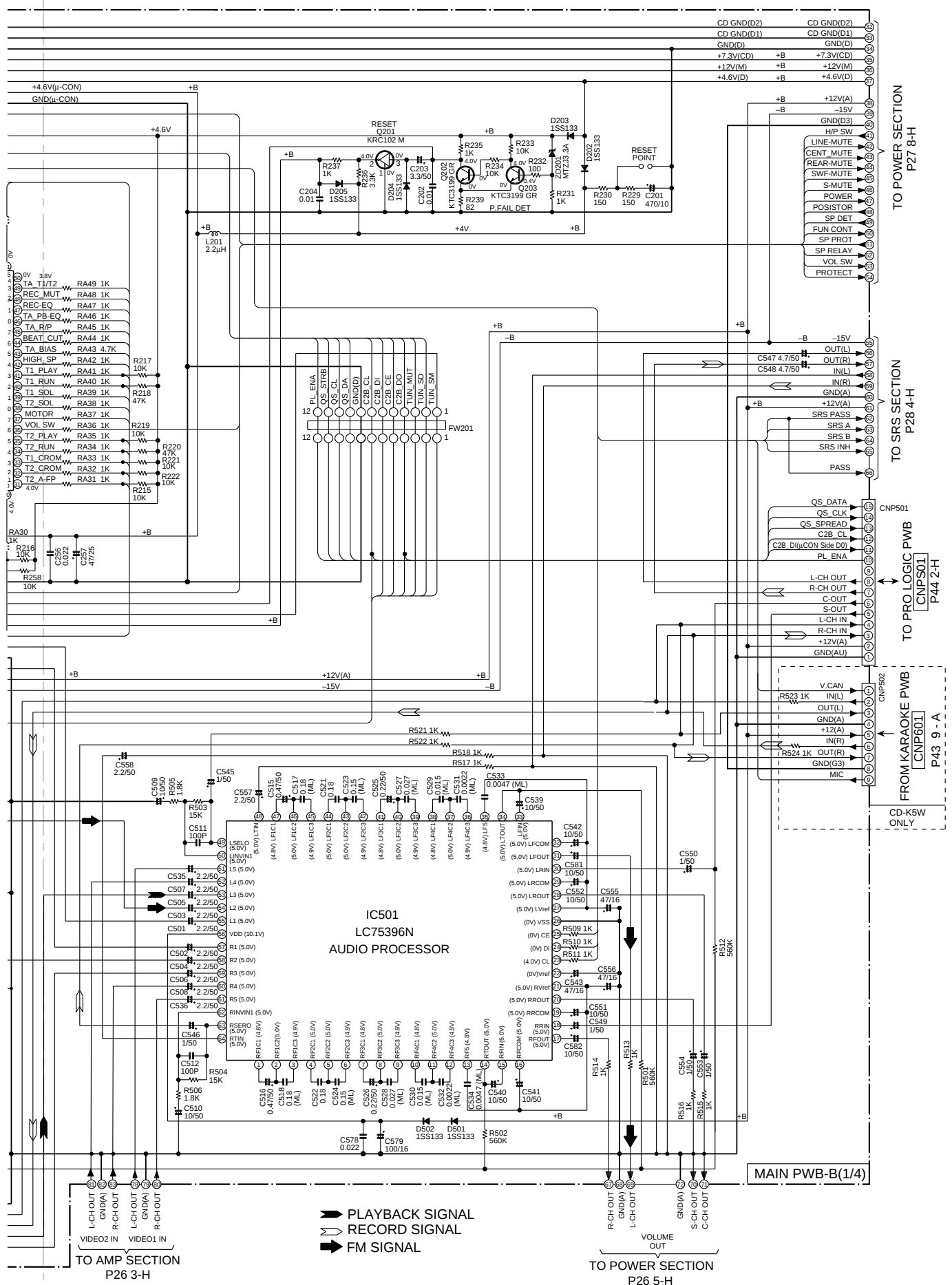
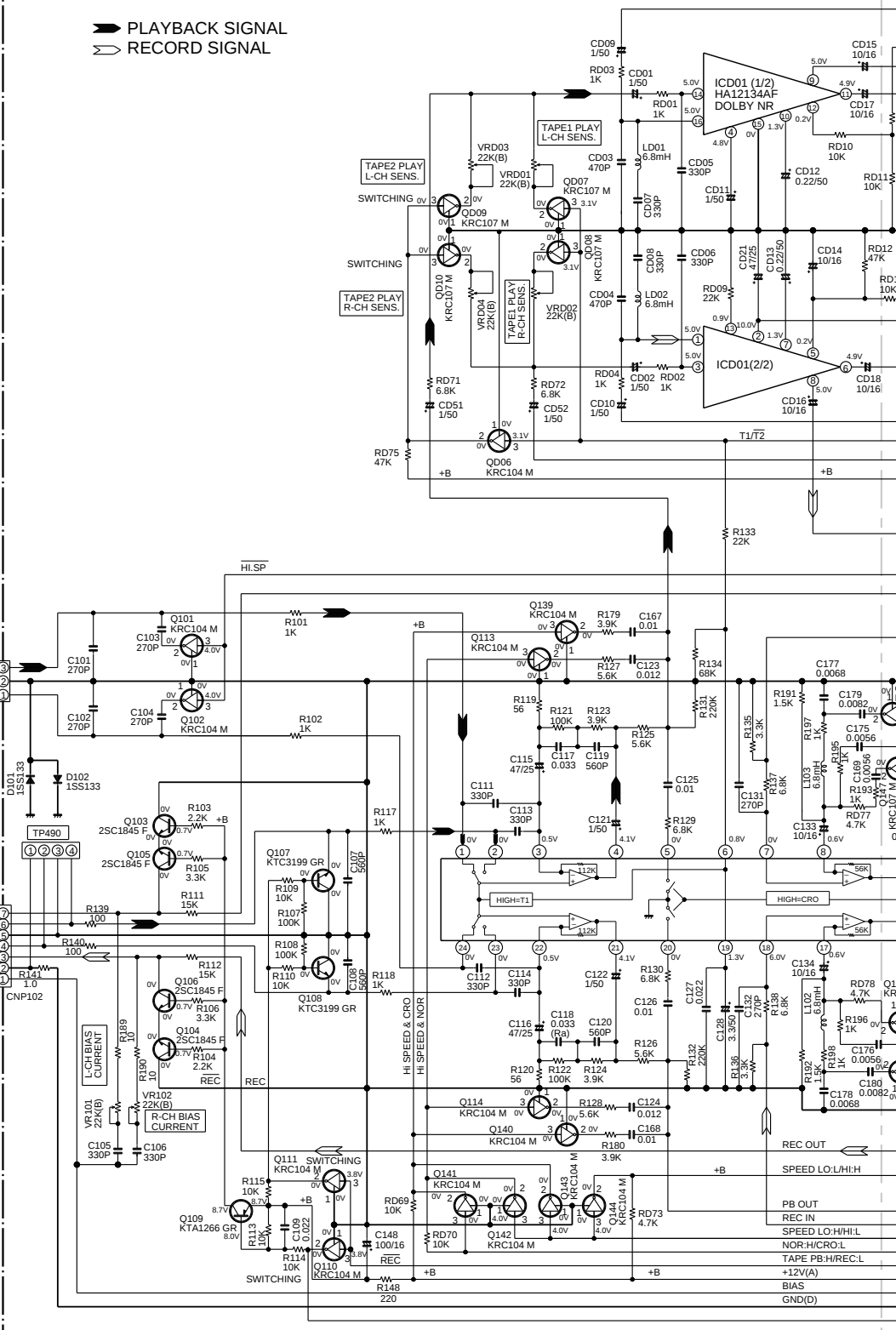
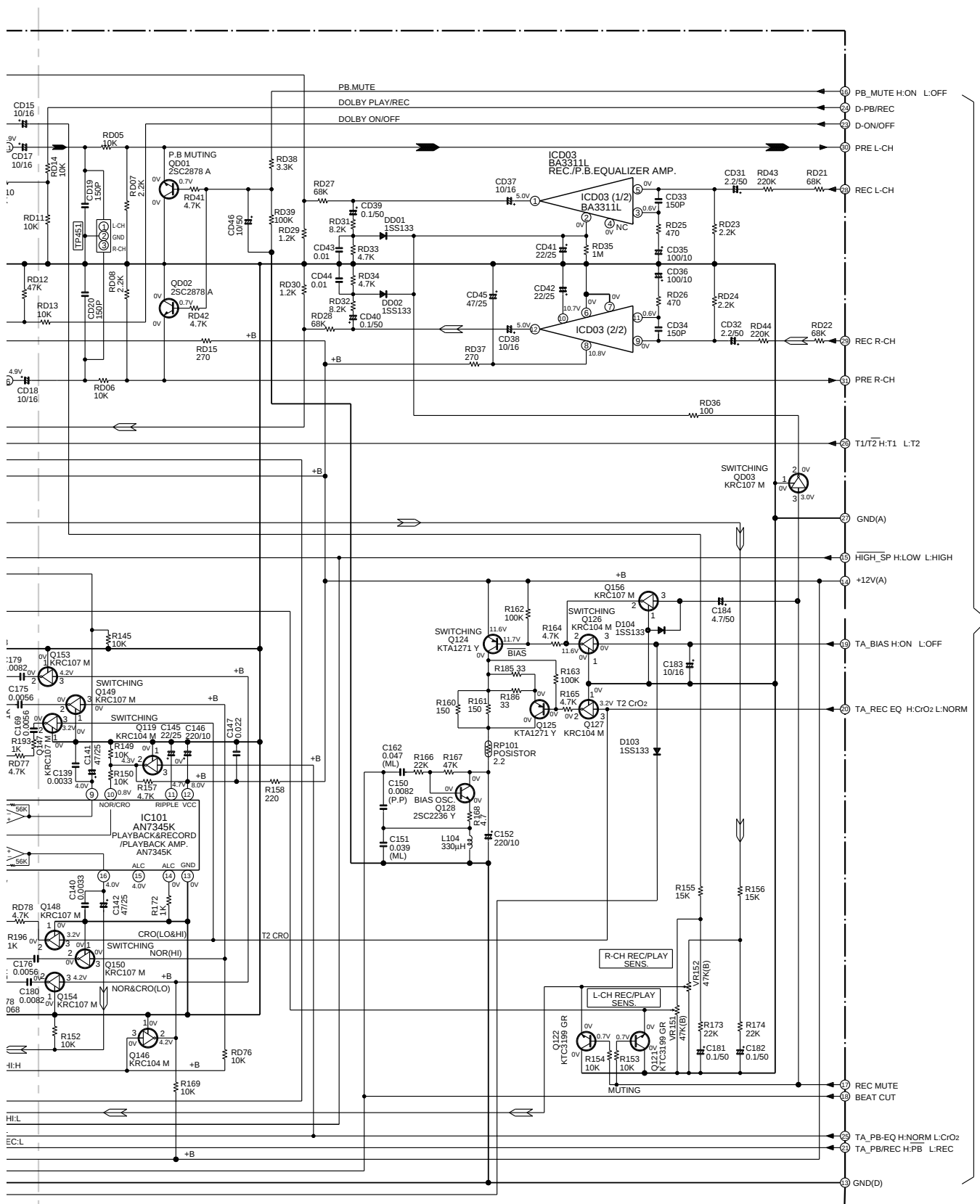


Figure 23 SCHEMATIC DIAGRAM (2/18)



1	2	3	4	5	6
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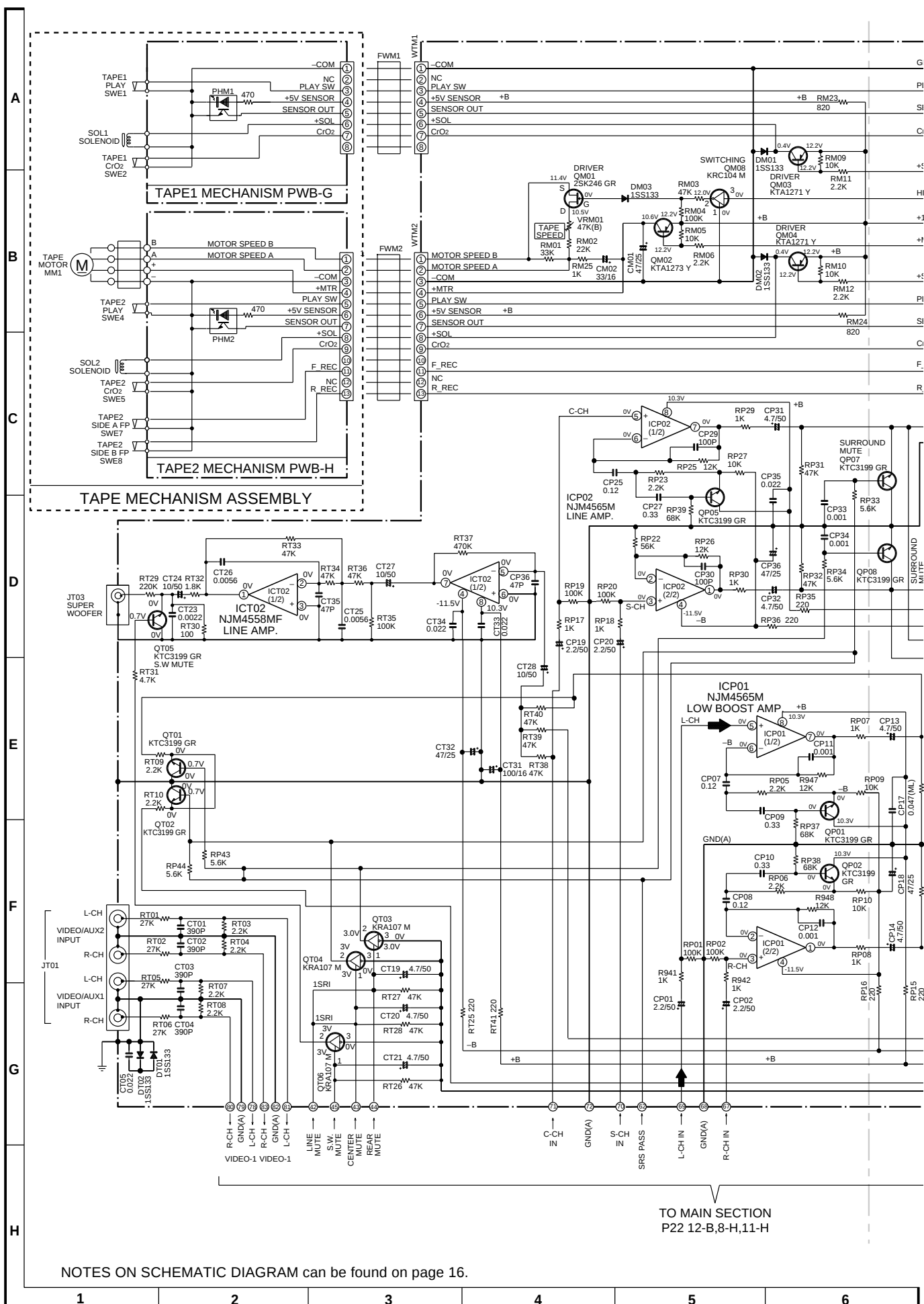
- 24 -



TO MAIN SECTION P22 1-G

7	8	9	10	11	12
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Figure 25 SCHEMATIC DIAGRAM (4/18)



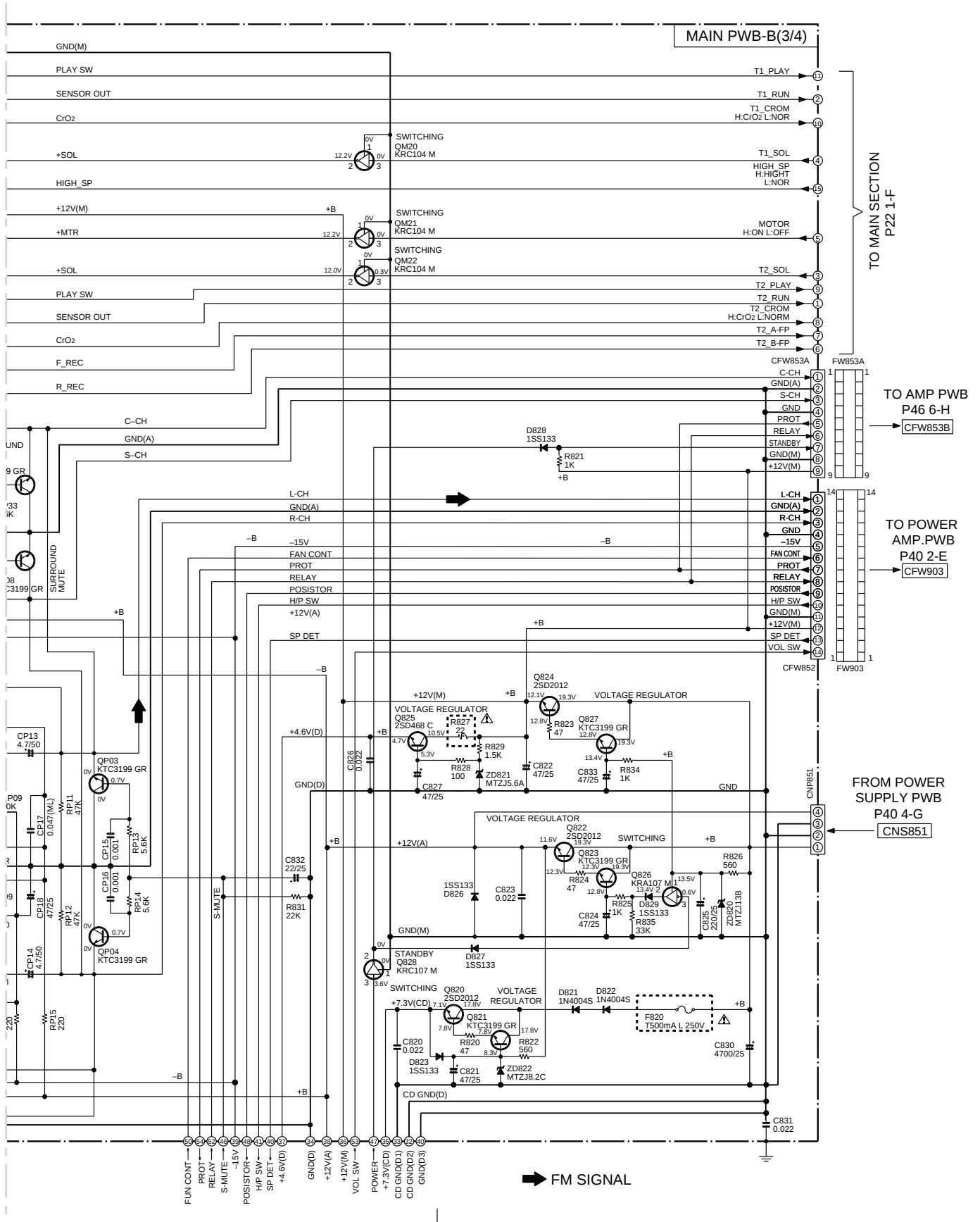


Figure 27 SCHEMATIC DIAGRAM (618)

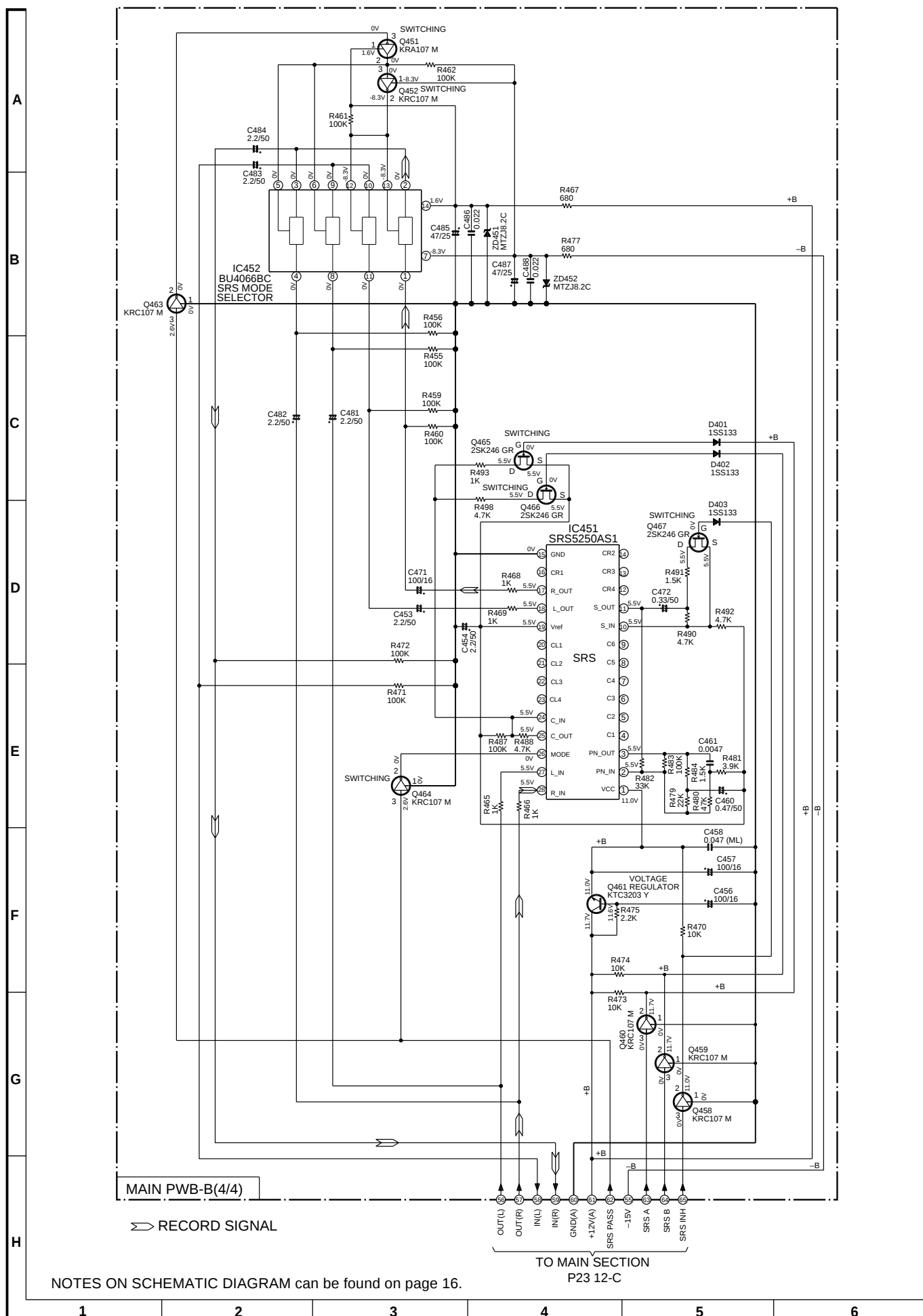


Figure 28 SCHEMATIC DIAGRAM (7/18)

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

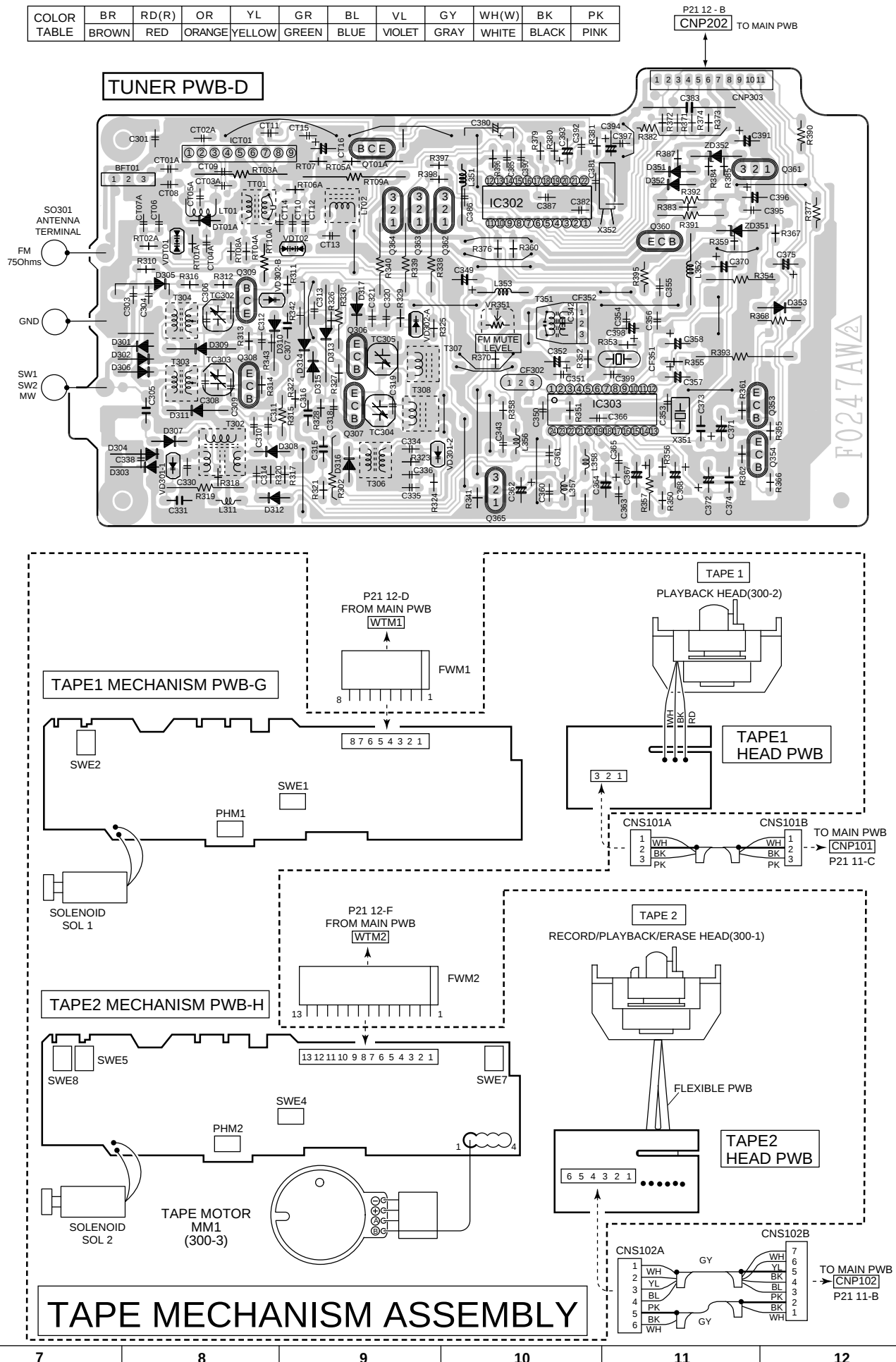


Figure 29 WIRING OF P.W.BOARD (3/9)

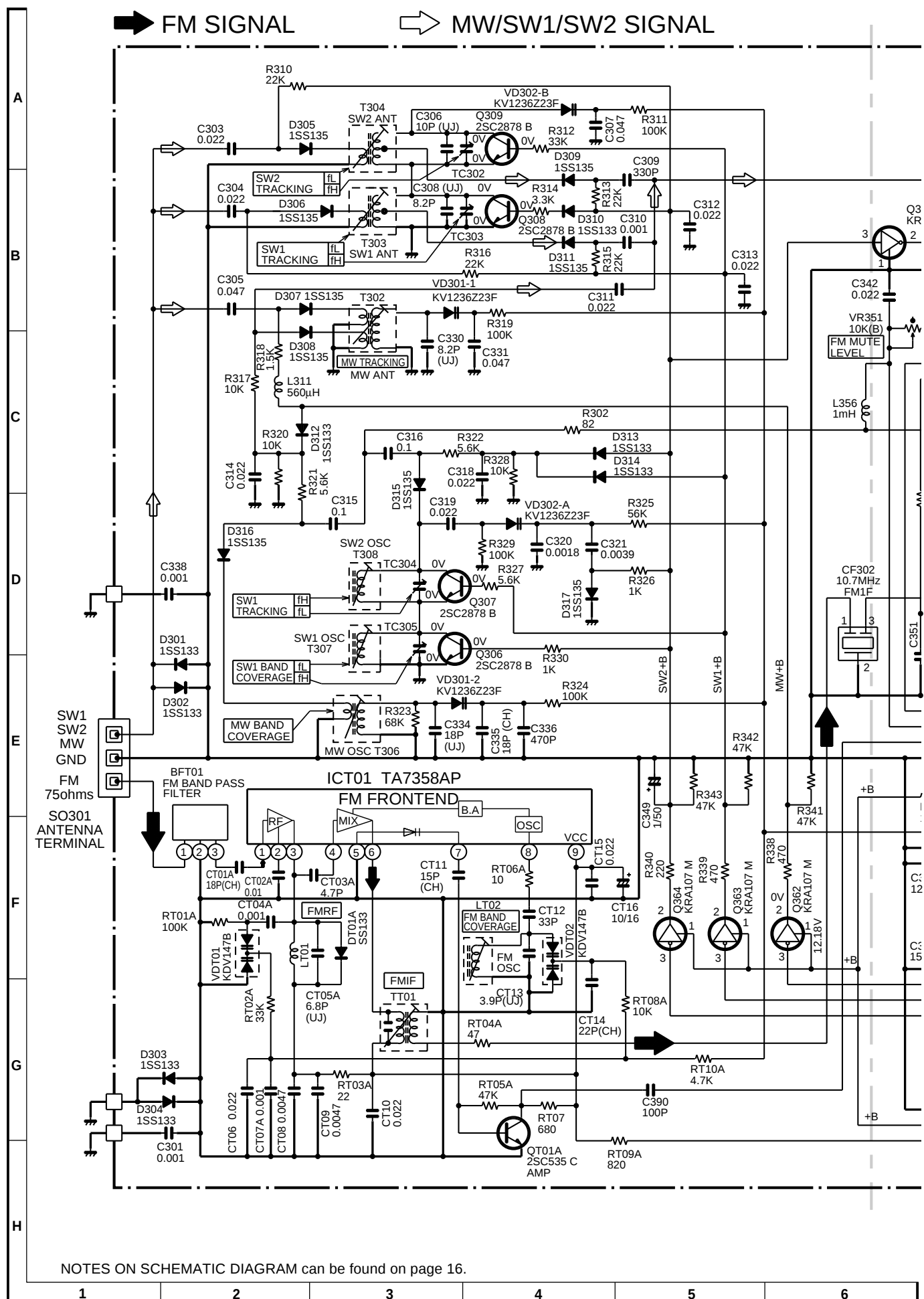


Figure 30 SCHEMATIC DIAGRAM (8/18)

TUNER PWB-D

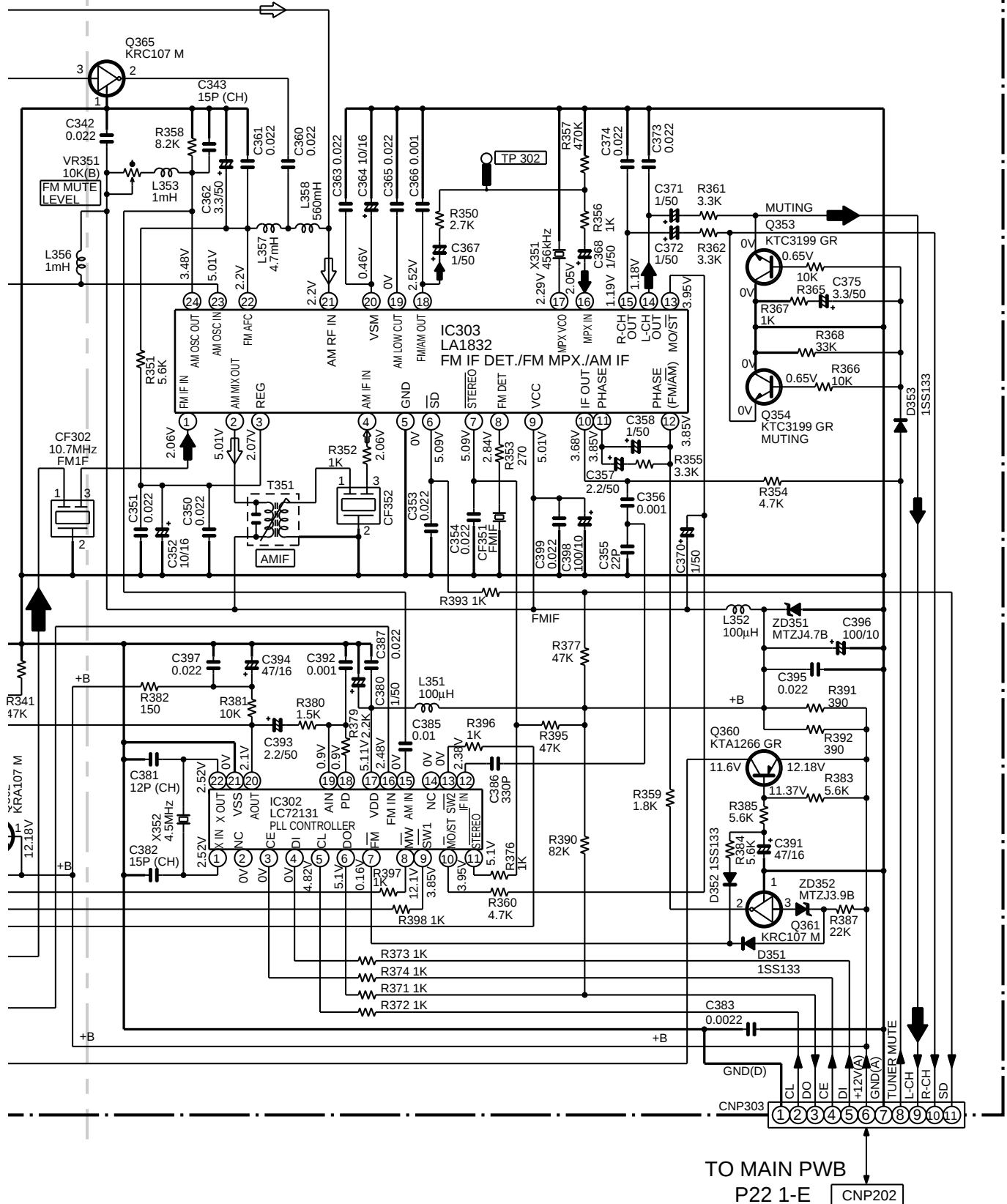
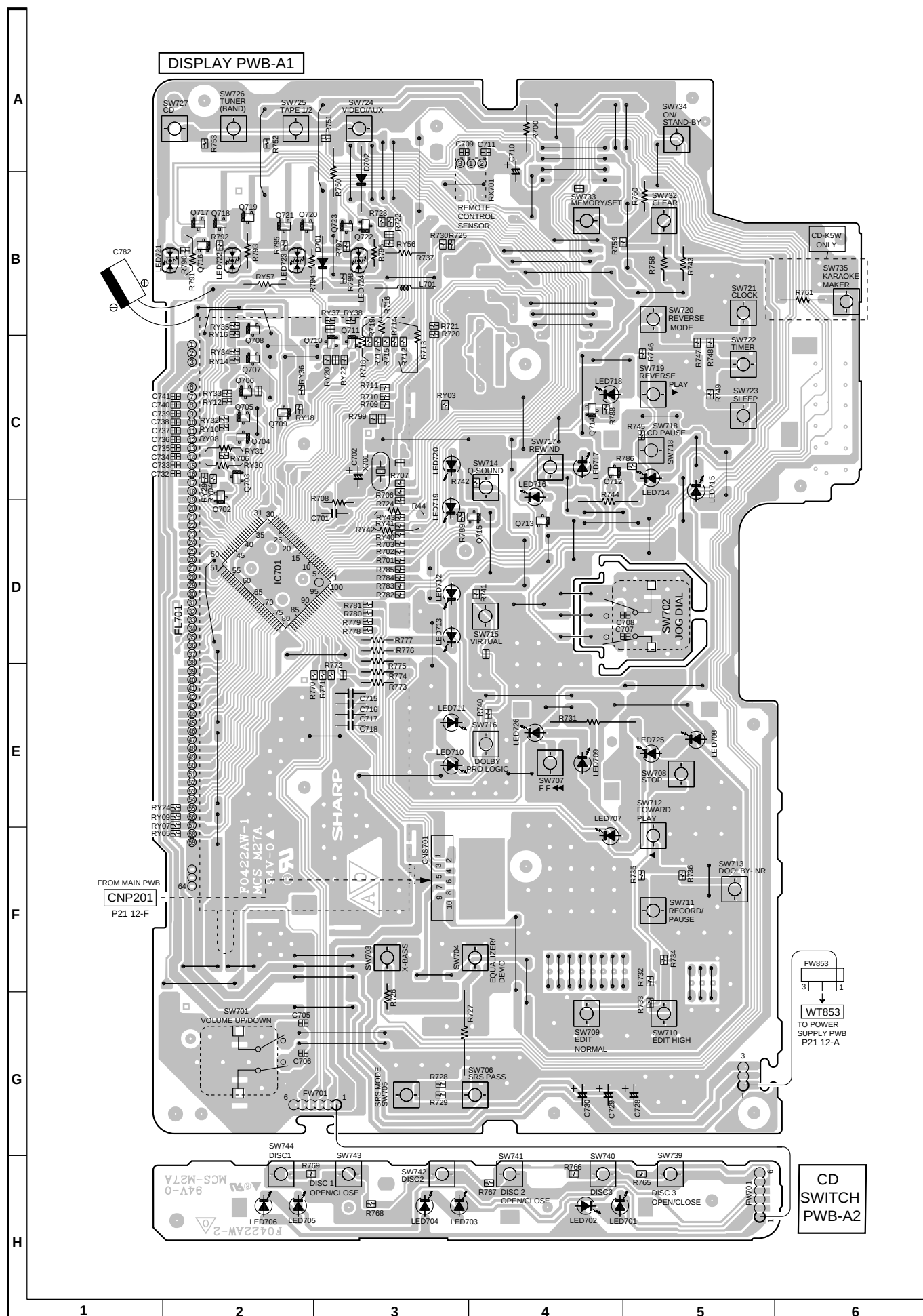
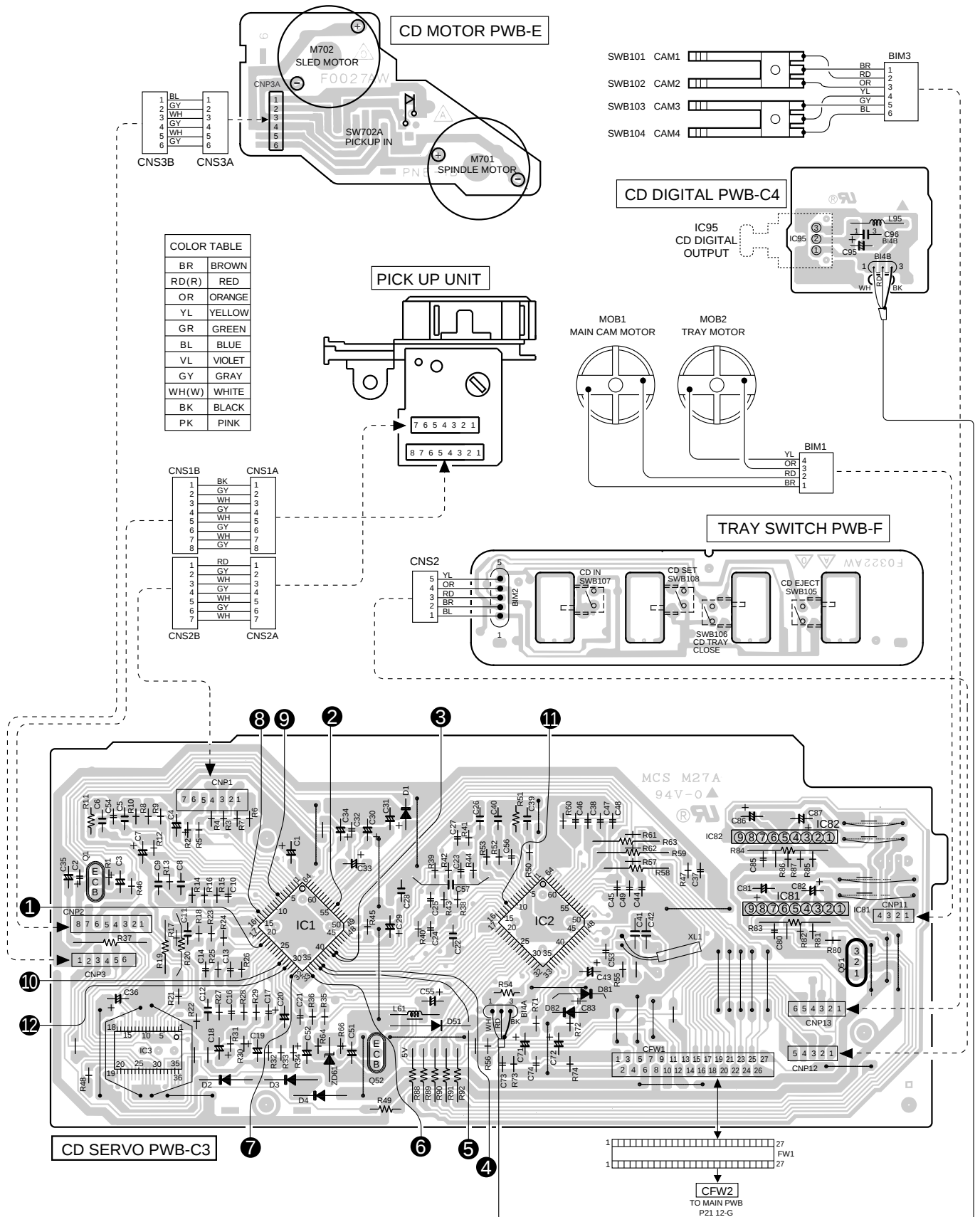


Figure 31 SCHEMATIC DIAGRAM (9/18)



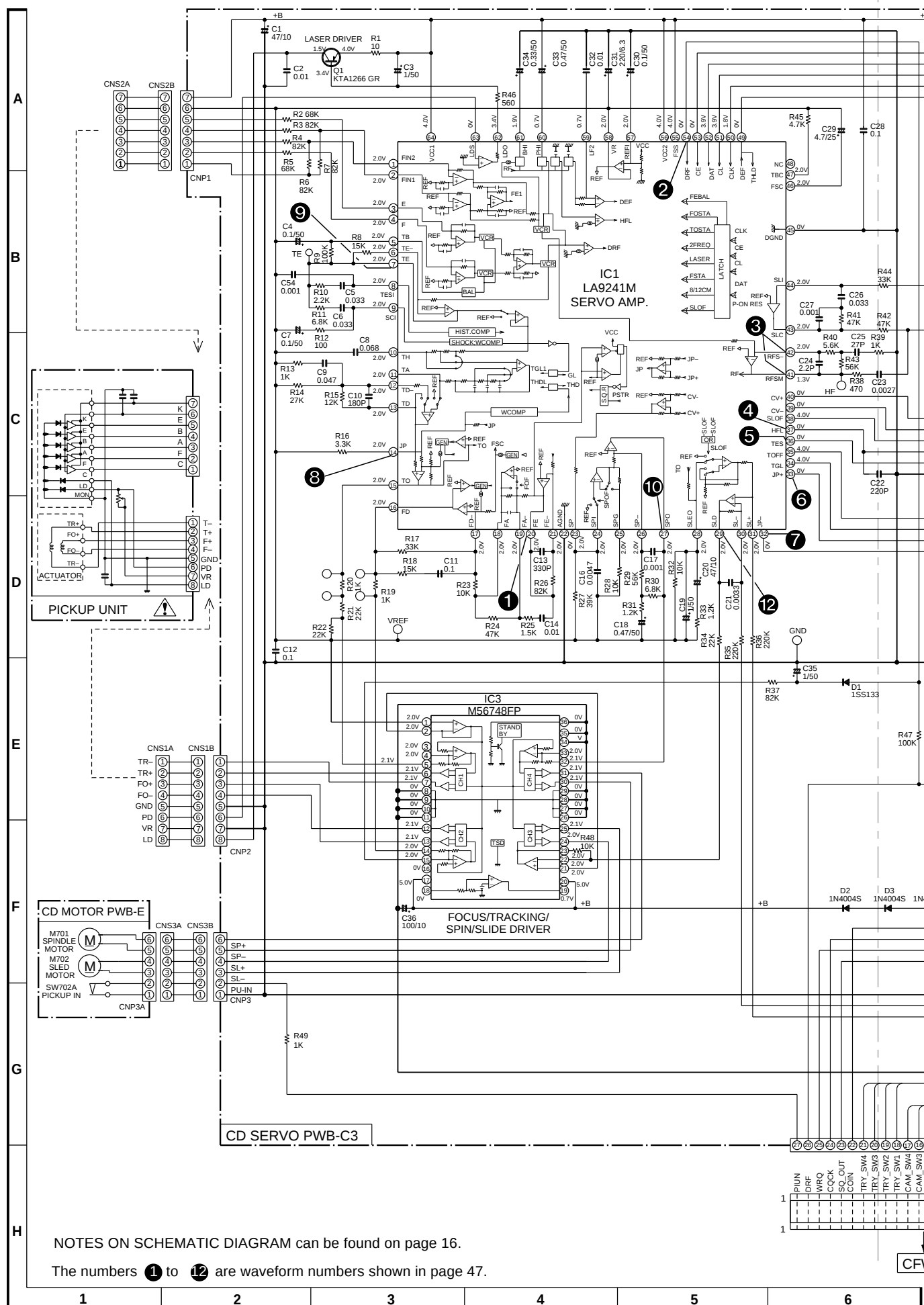


The numbers ① to ⑫ are waveform numbers shown in page 47.

7	8	9	10	11	12
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Figure 33 WIRING OF P.W.BOARD (5/9)

CD-C5W/CD-K5W,CP-C5W



NOTES ON SCHEMATIC DIAGRAM can be found on page 16.

The numbers 1 to 12 are waveform numbers shown in page 47.

Figure 34 SCHEMATIC DIAGRAM (10/18)

– 35 –

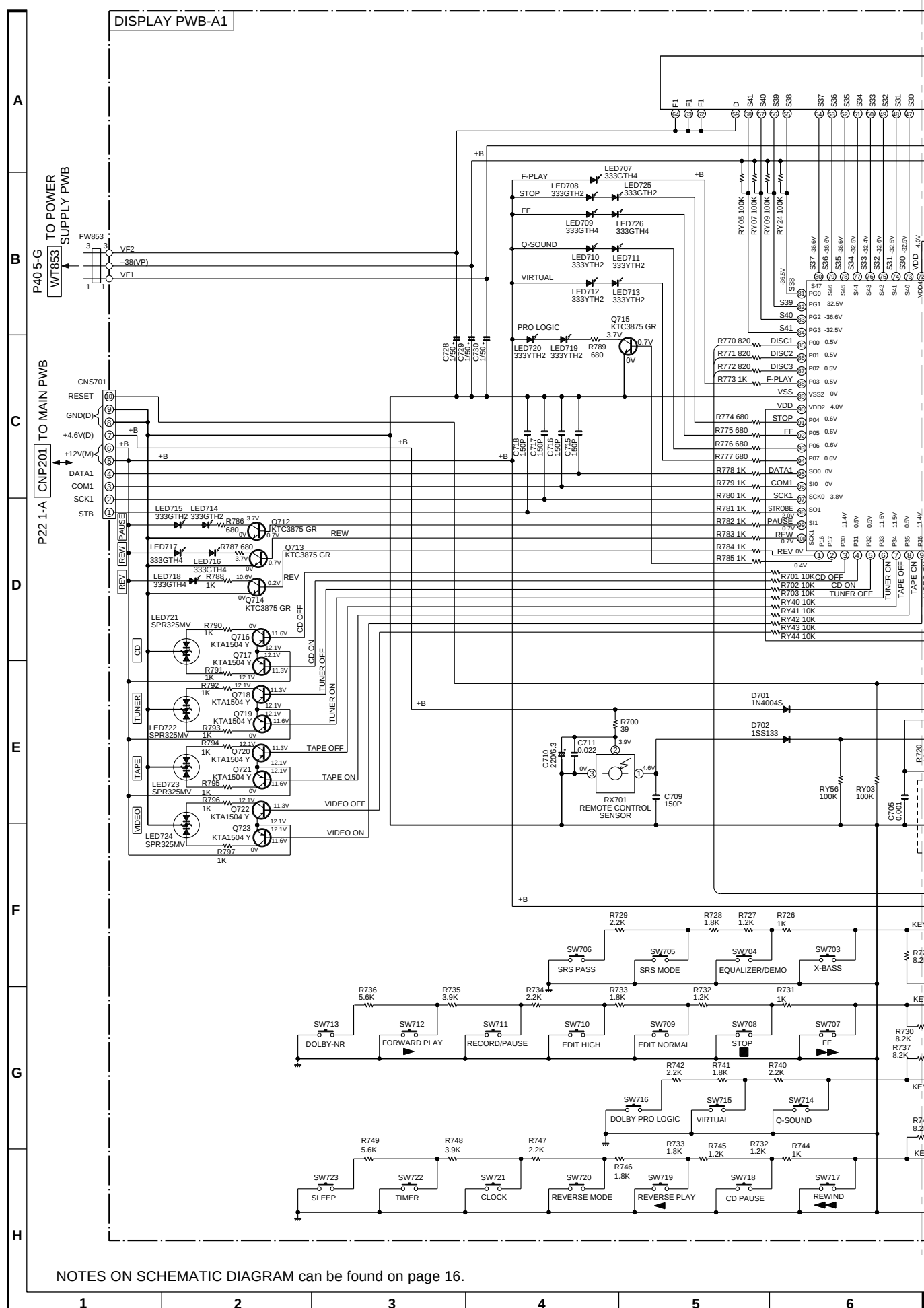
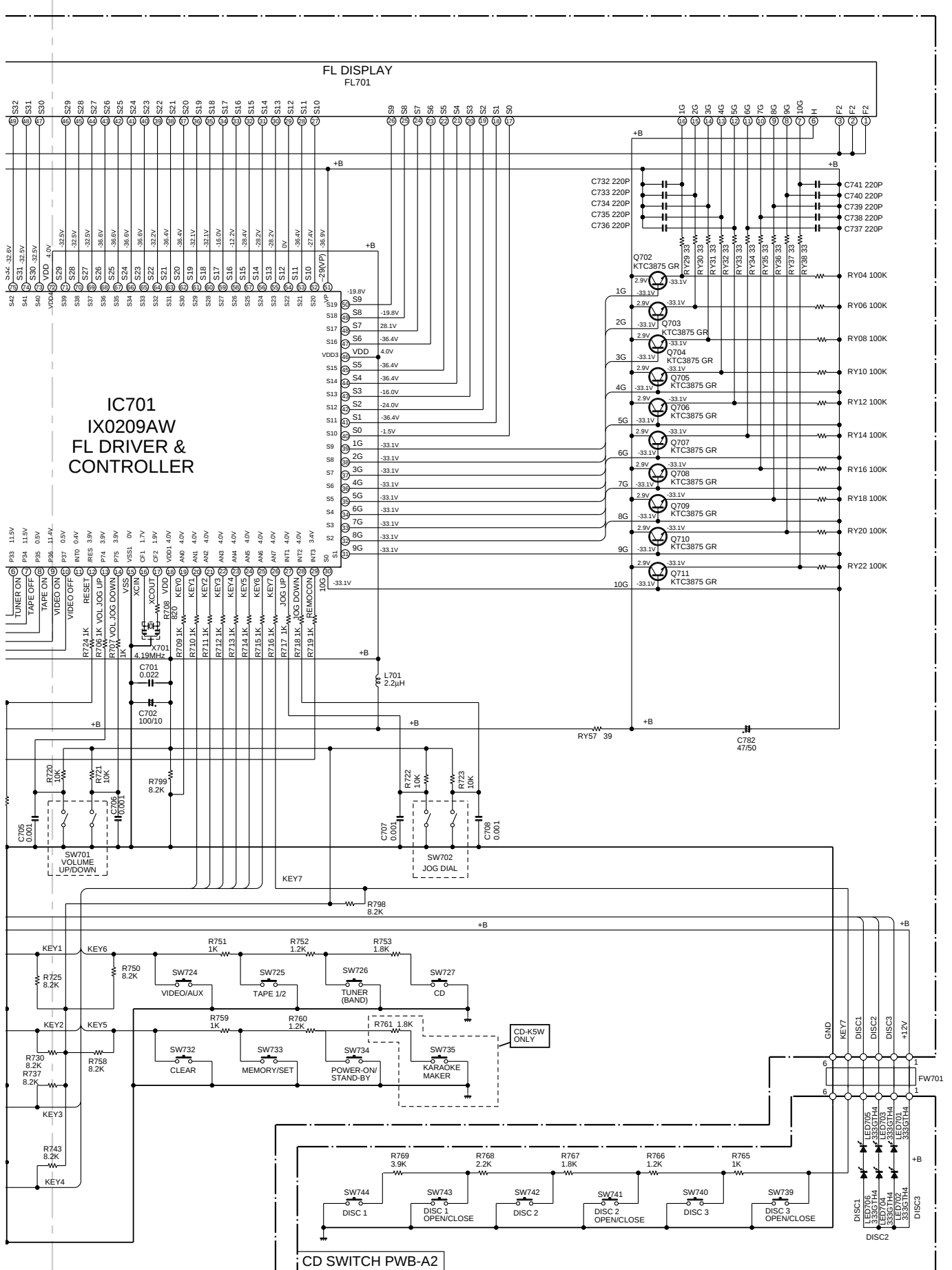


Figure 36 SCHEMATIC DIAGRAM (12/18)



7	8	9	10	11	12
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Figure 37 SCHEMATIC DIAGRAM (13/18)

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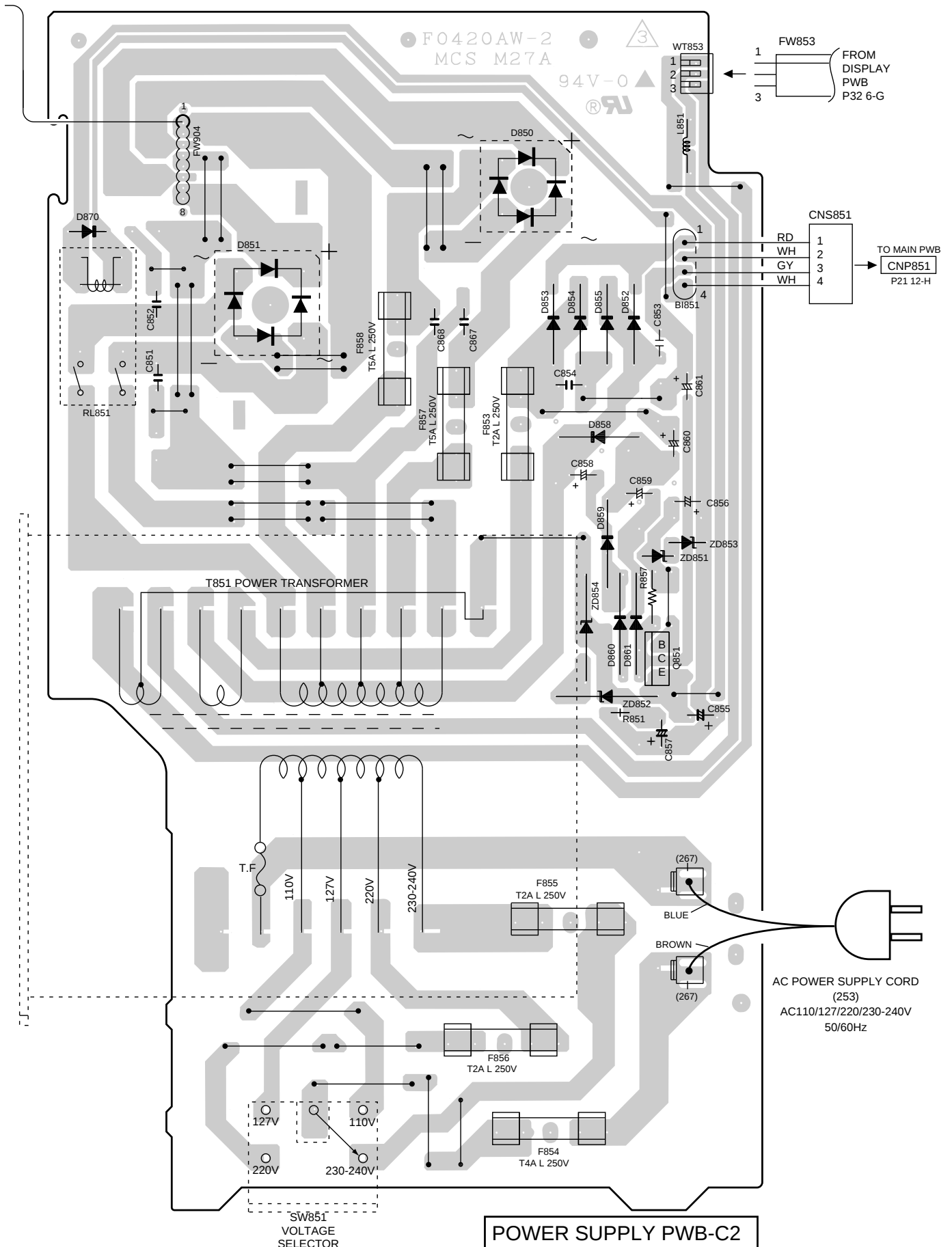


Figure 39 WIRING OF P.W.BOARD (7/9)

[illegible]

- 40 -

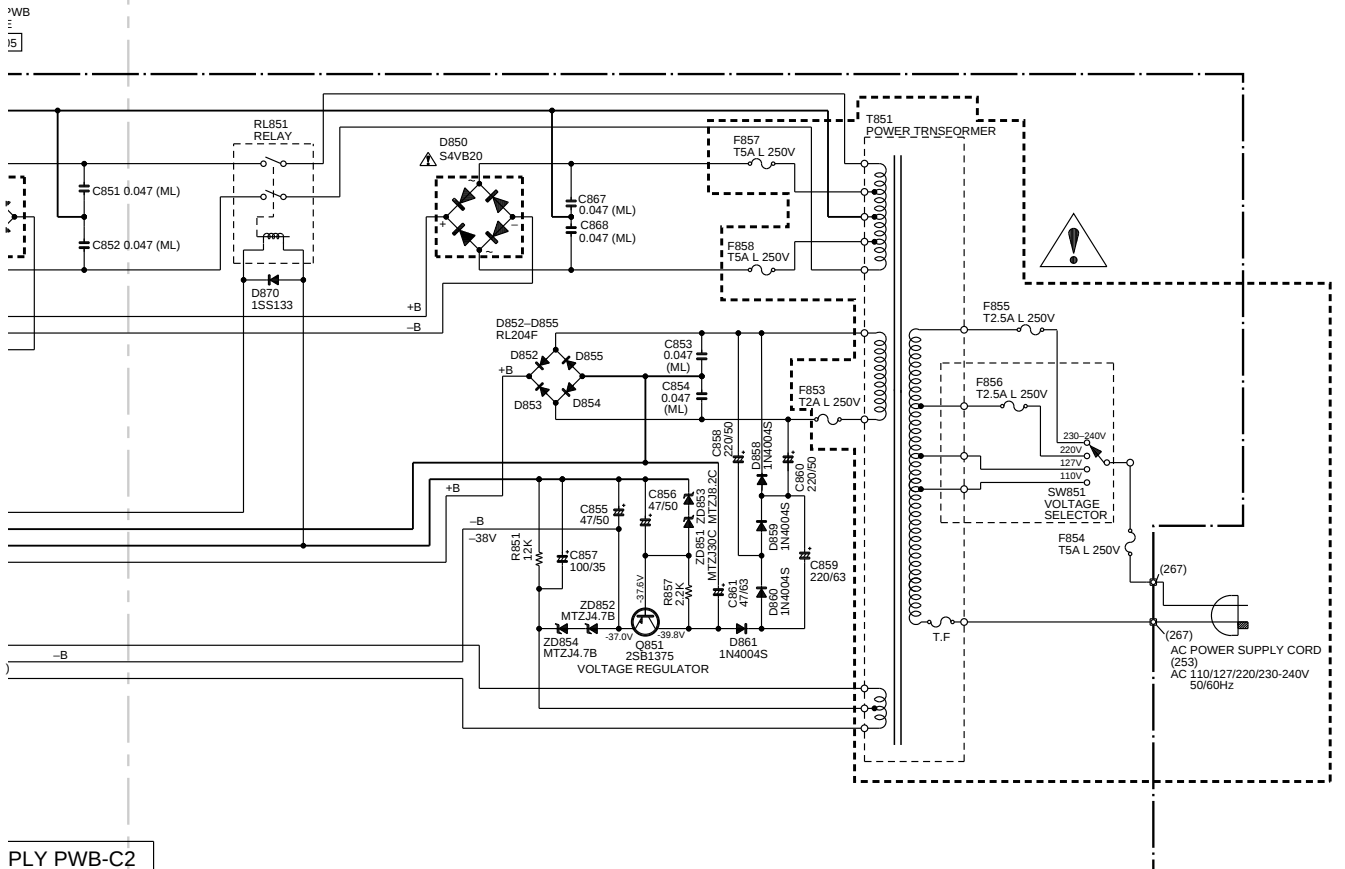
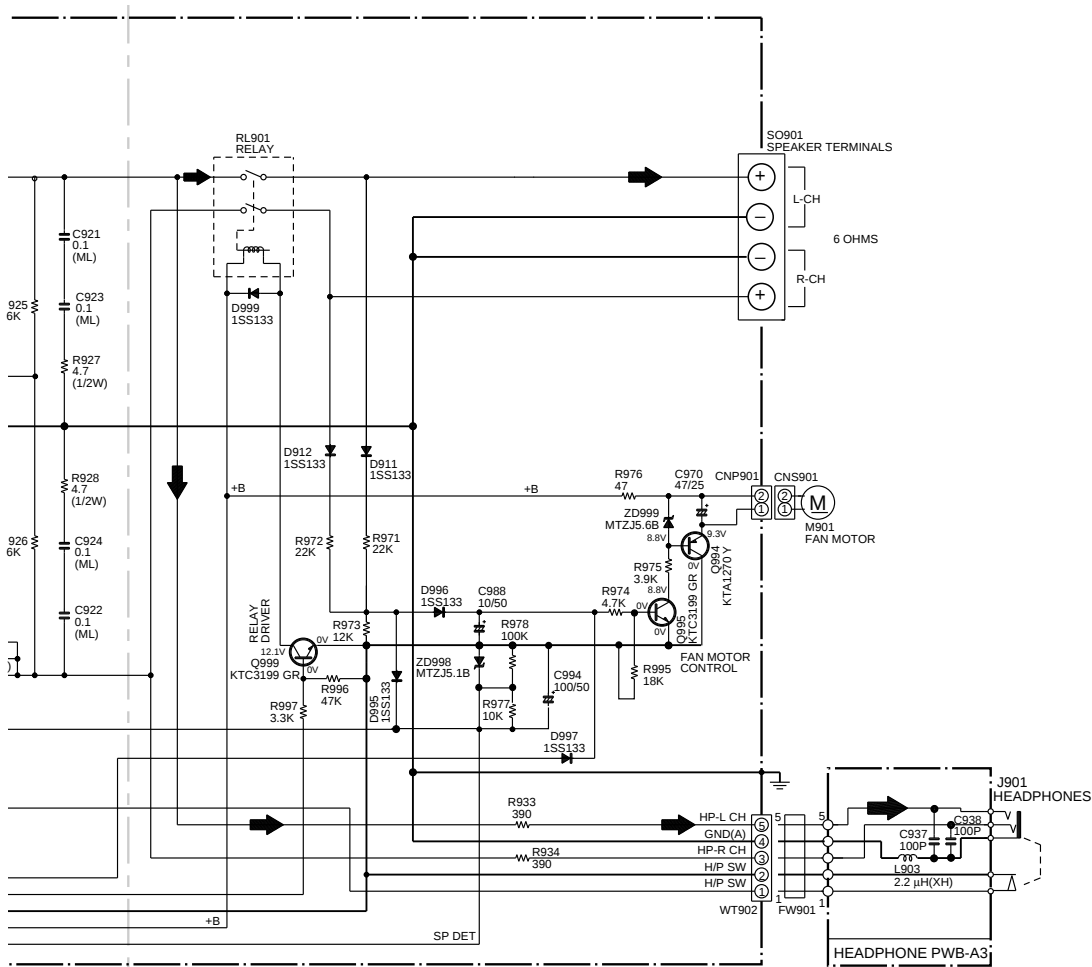


Figure 41 SCHEMATIC DIAGRAM (15/18)

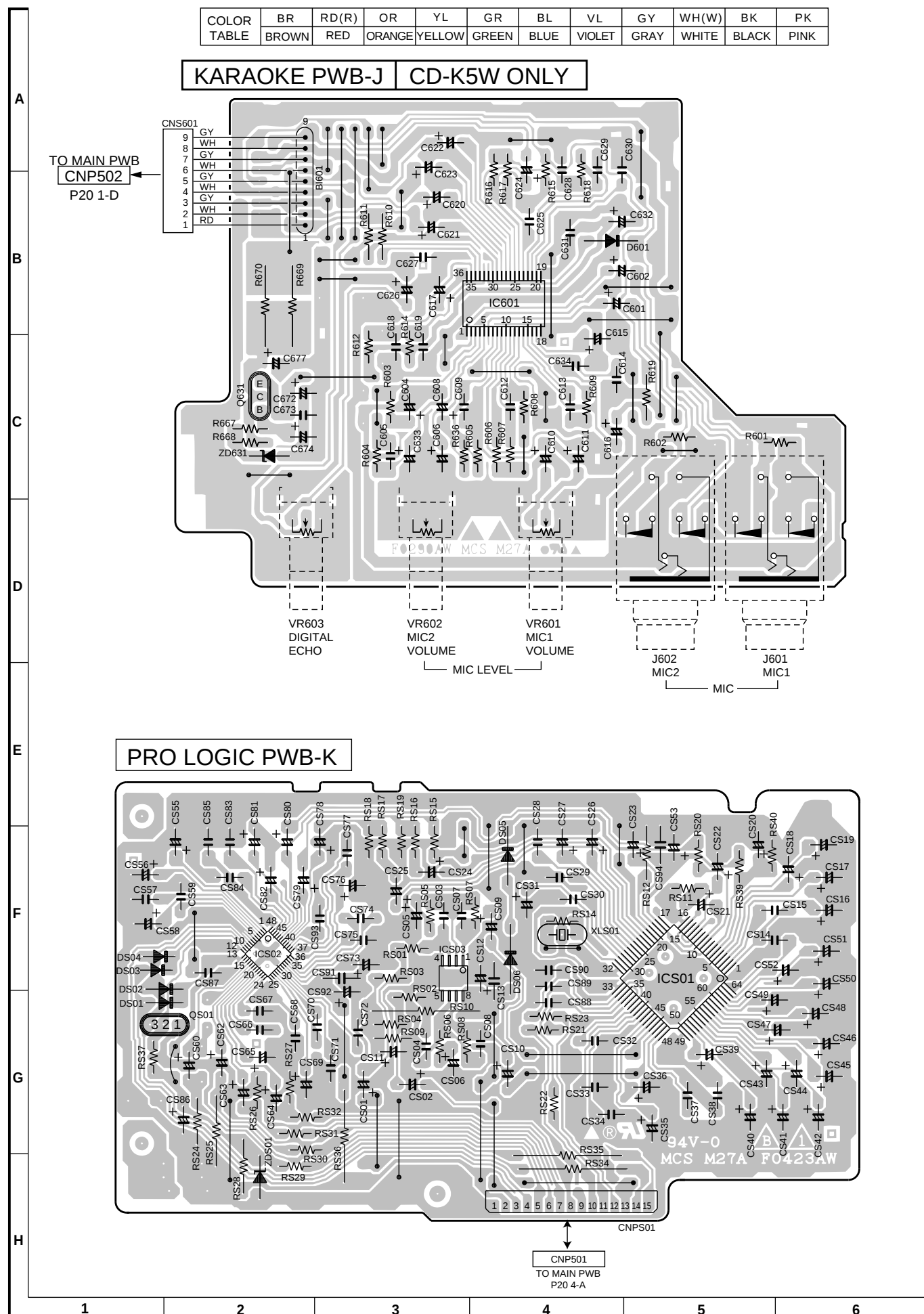
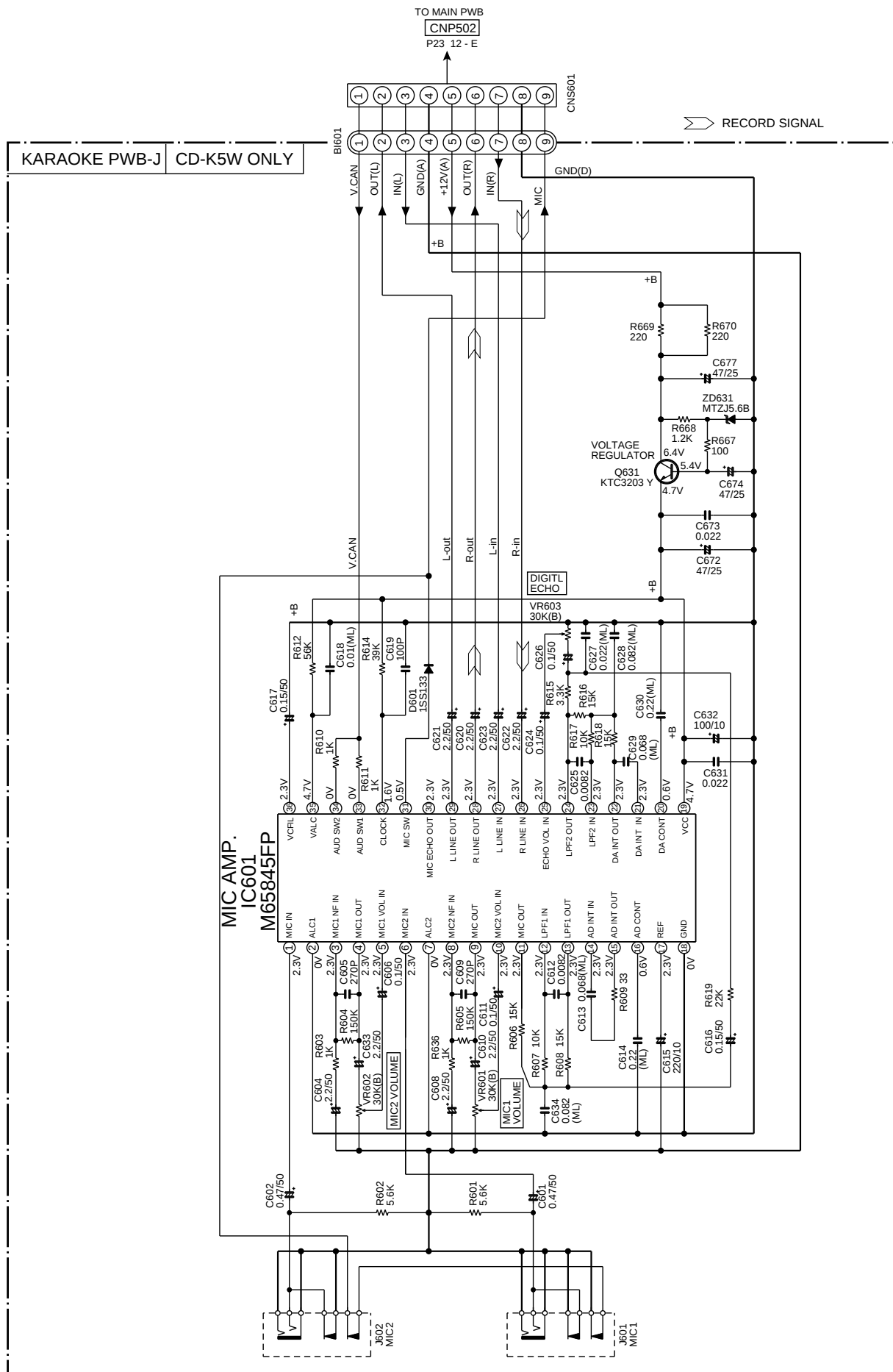


Figure 42 WIRING OF P.W.BOARD (8/9)



NOTES ON SCHEMATIC DIAGRAM can be found on page 16.

Figure 43 SCHEMATIC DIAGRAM (16/18)

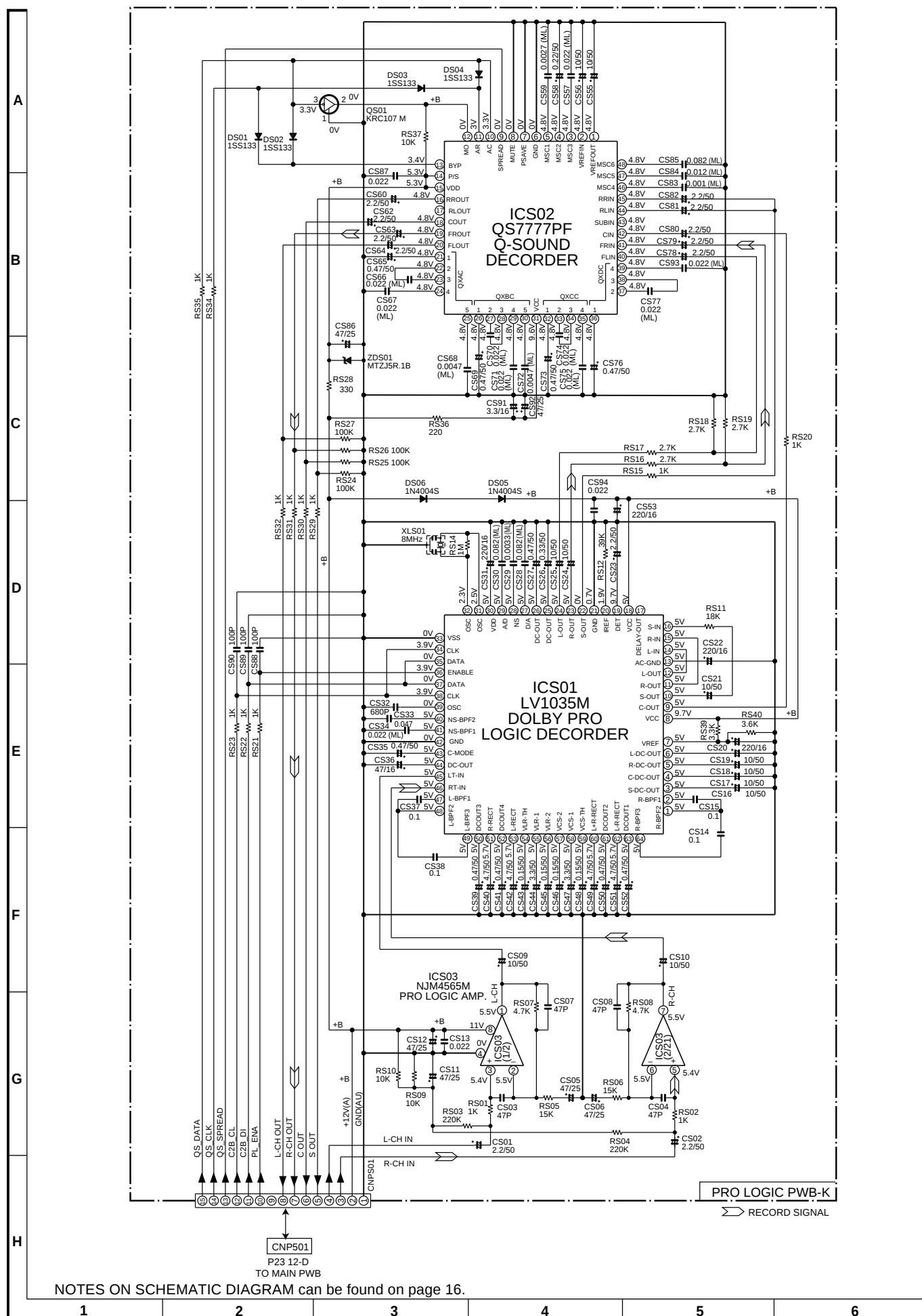


Figure 44 SCHEMATIC DIAGRAM (17/18)

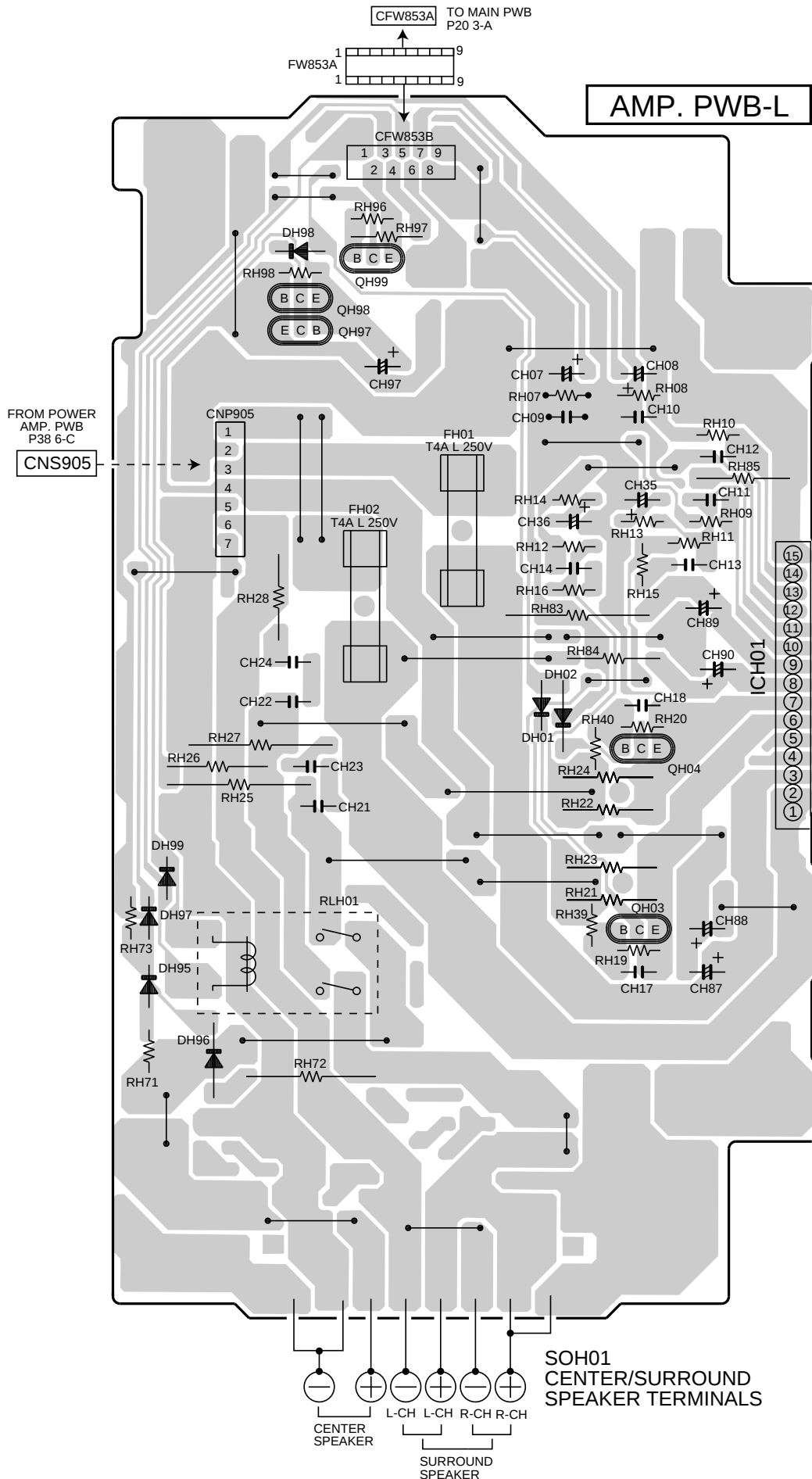


Figure 45 WIRING OF P.W.BOARD (9/9)

CD-C5W/CD-K5W,CP-C5W

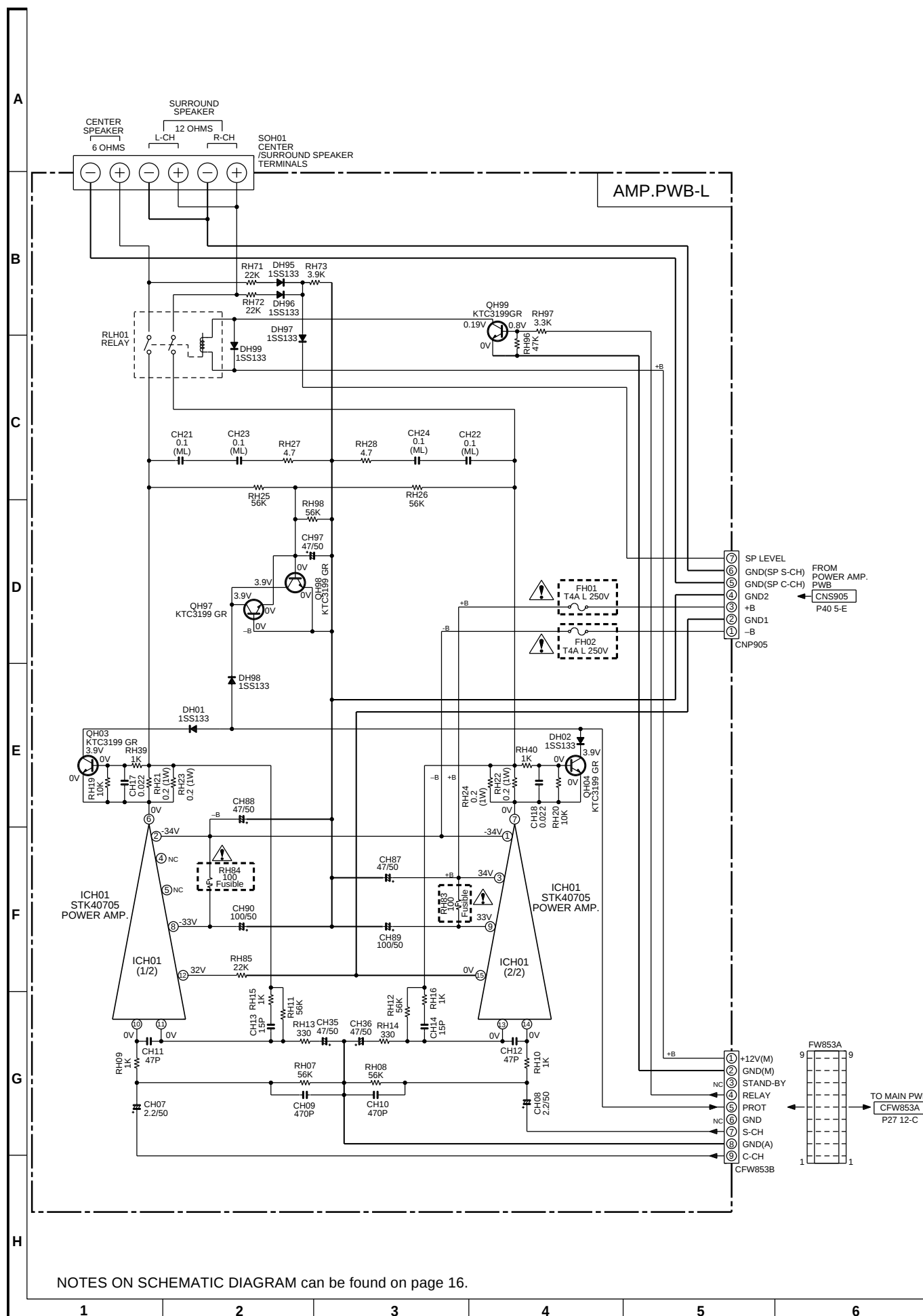
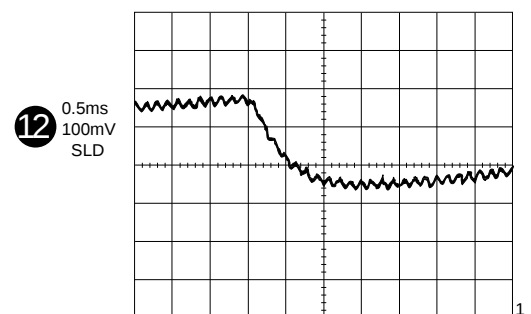
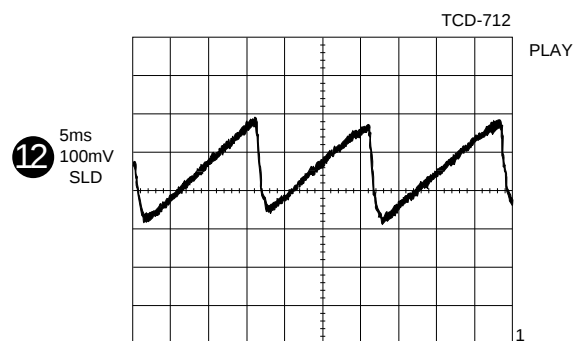
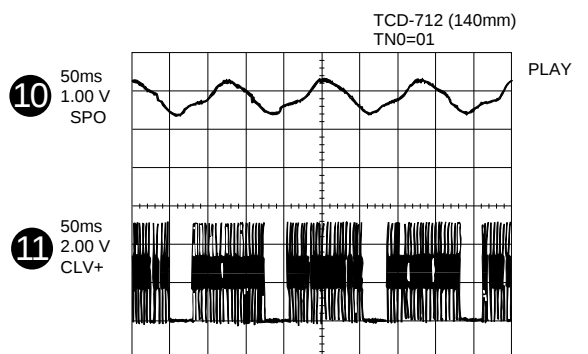
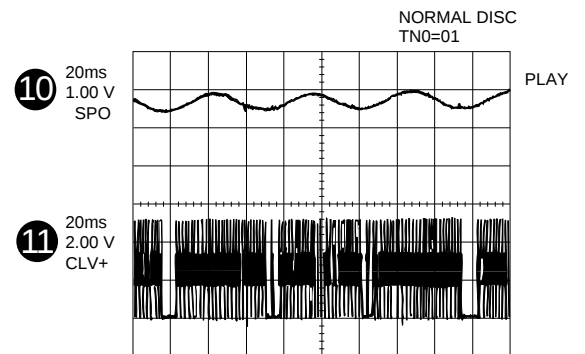
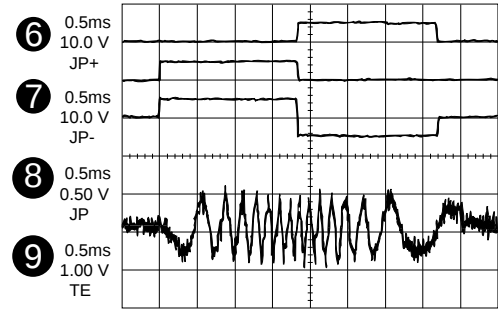
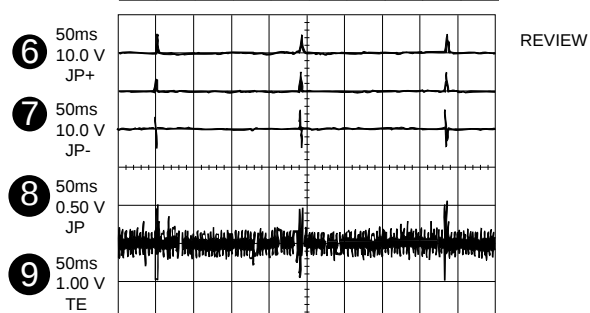
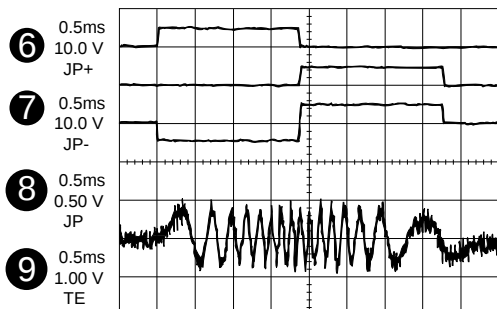
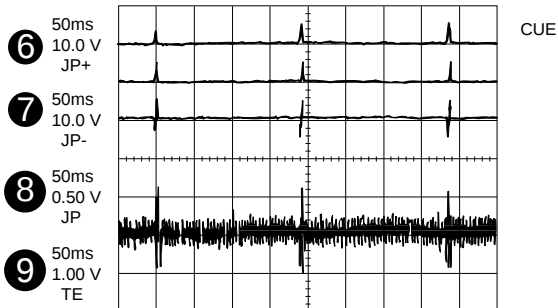
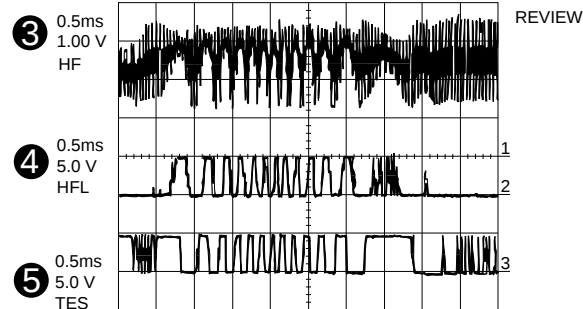
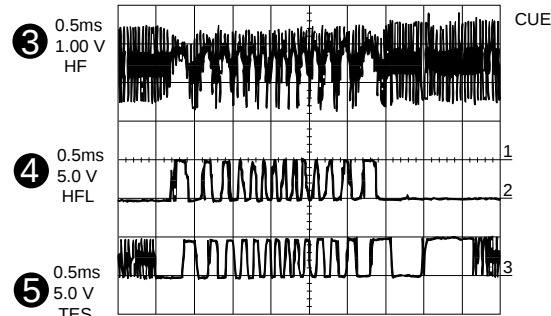
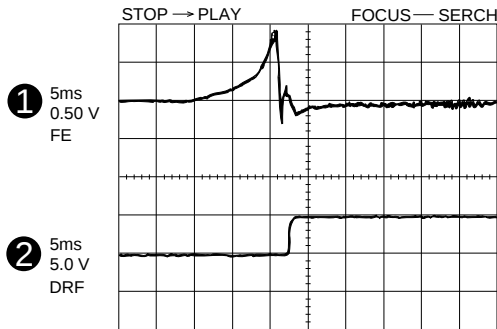


Figure 46 SCHEMATIC DIAGRAM (18/18)

WAVEFORMS OF CD CIRCUIT



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 or other foreign matter on the laser pickup lens. Before attempting any adjustment make certain that the lens is clean. If not, clean it as mentioned below."

Turn the power off.

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

Do not touch the lens with the bare hand.

• **The CD tray fails to operate.**

Check the changer mechanism cam switch (SWB101 to SWB104) and tray switch (SWB105 to SWB108).

Yes

Check whether state changes to Low when
IC201 pin 96 cam SW1
pin 96 cam SW2
pin 97 cam SW3
pin 98 cam SW4
is on.
Check whether state changes to Low when
IC201 pin 33 tray SWA
pin 100 tray SWB
pin 1 tray SWC
pin 2 tray SWB
is on.

No

Check the connection between IC201 and SW.

Yes

Check whether output of pins 3 and 7 of main cam motor driver IC81 is normal.

No

Check the connection from IC2 to IC81.

Yes

Check whether the output of pins 3 and 7 of tray motor driver IC82 is normal.

No

Check the connection from IC2 to IC82.

Yes

Check the motors MOB1 and MOB2.

• **The CD function will not work.**

The CD operating keys don't work

Yes

Check the CD, DSP, power supply, and 16.93 MHz clock and reset terminal IC2 pin 57.

Yes

Check the waveform of SCK, SO (DATA) and SI (COMM).
Check the waveform of IC2 pin 54 (SQOUT), pin 55 (COIN),
and pin 57 (CQCK).

Yes

Check that the pickup is in the PICKUP IN switch position of SW702A.

Yes

If the items mentioned above are OK, check the main microcomputer IC201.

• The CD operation keys work.

Check the FOCUS-HF system.

Playback can be performed without a disc.

Yes

Does the pickup move up and down two twice?

Yes

Does the output waveform of IC1 pin 16 (FD) match that shown in Figure 49-1?

Yes

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

No

Focus search OK

No

Check the area around IC3 to CNP2.

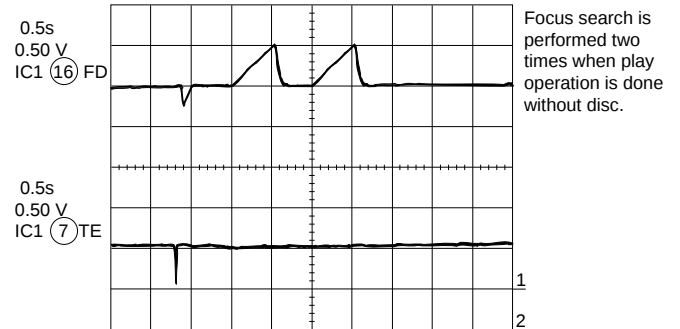


Figure 49-1

• Playback can only be performed when disc is loaded.

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

Yes

Does the DRF signal of IC1 pin 54 change from "L" to "H"?

Yes

Is HF waveform normal (see the Figure 49-2, Figure49-3.)?

Yes

Check the tracking system.

No

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

No

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

Yes

Check the spindle system.

No

Level is abnormal

Yes

Check the periphery of
IC1 pin 41 and pin 42.

No

Waveform is unstable.

Yes

Check the spindle system.

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

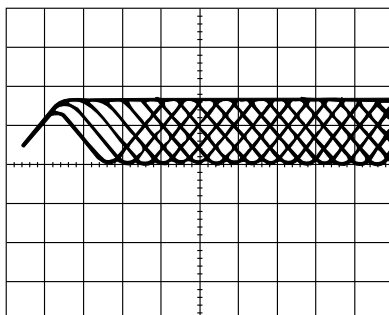
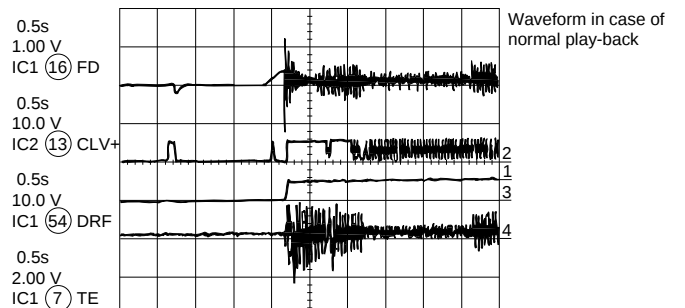


Figure 49-2



Waveform in case of
normal play-back

Figure 49-3

CD-C5W/CD-K5W,CP-C5W

• Check the tracking system.

Check the waveform of IC1 pin 7 (TE).

The waveform shown in Figure 50-1 appears, and no disc state appears soon.

Yes

Tracking servo is inoperative.

Yes

Check the periphery of IC1 pin 8 to pin 15, and IC5 to CNP2.

Playback is possible in TEST mode.

Yes

Playback is impossible although initialization is possible.

Yes

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

Yes

Check the periphery of IC1 pin 14.

Data cannot be read.

Yes

Check the VCO-PLL system.

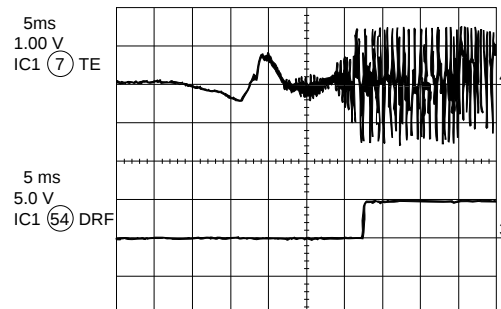


Figure 50-1

• Check the spindle system

Play operation is performed without disc.

Yes

The turntable rotates a little.

No

The spindle driver is normal.

Yes

The turntable fails to rotate or rotates at high speed.

No

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

• Checking the VCO-PLL system.

Play operation is performed when disc exists.

Yes

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

No

Check the PDD waveform of IC2 pin 3. (Figure 50-2)

Abnormal

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

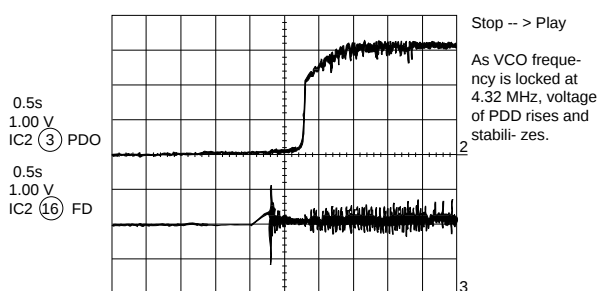


Figure 50-2

• Although HF waveform is normal and time indication is normal, no sound is not output.

Check the IC2 pin 48 (EFLG).

No

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

Yes

Check the IC2 pin 37 and pin 40.

Yes

Check IC501 and POWER AMP. IC901.

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*	TA	TA amplifier output pin.
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 micro computer.
31	SL+	Input pin of thread feed signal from micro computer.
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.
49	DEF	Defect detection output pin of disk.
50	CLK	Reference clock input pin. 4.23MHz of DSP is input.

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

CD-C5W/CD-K5W,CP-C5W

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

Pin No.	Port Name	Function
51	CL	Micro computer command clock input pin.
52	DAT	Micro computer command data input pin.
53	CE	Micro computer 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	REFI	Pin to connect pass control for reference voltage.
58	VR	Reference voltage output pin.
59	LF2	Pin to set defect detection time constant of disk.
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	LDD	APC circuit output pin.
63	LDS	APC circuit output pin.
64	VCC1	RF system VCC pin.

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

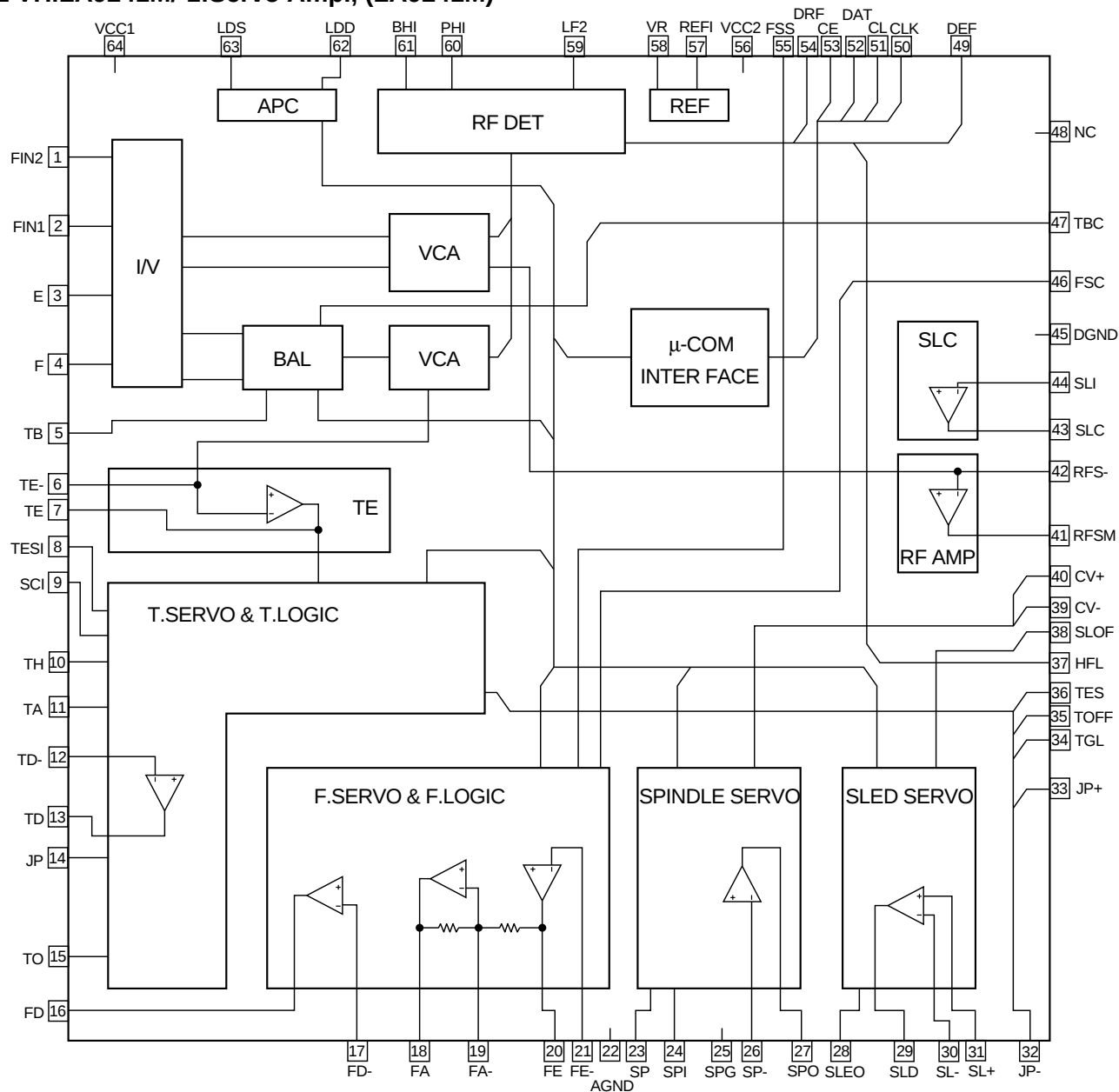


Figure 52 BLOCK DIAGRAM OF IC

IC2 VHiLC78622K-1: Servo/Signal Control (LC78622K) (1/2)

Pin No.	Terminal Name	Input/Output	Function	
1	DEFI	Input	Input terminal of defect detection signal (DEF). (Connected to 0V when not used.)	
2	TA1	Input	For PLL	Input terminal for test. Pull-down resistor is integrated. Surely connected to 0V.
3	PDO	Output		Output terminal of phase comparison for external VCO control.
4	VVSS	—		Ground terminal for integrated VCO. Surely connected to 0V.
5	ISSET	Input		Resistance connection terminal for current adjustment of PDO output.
6	VVDD	—		Power terminal for integrated VCO.
7	FR	Input		VCO frequency range adjustment.
8	VSS	—	Ground terminal of digital system. Surely connected to 0V.	
9	EFMO	Output	For slice level control	EFM signal output terminal.
10	EFMIN	Input		EFM signal input terminal.
11	TEST2	Input	Input terminal for test. Pull-down resistor is integrated. Surely connected to 0V.	
12	CLV+	Output	Output for disk motor control. 3 values can be output with the commands.	
13	CLV-	Output	Output for disk 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	HFL	Input	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	Output	Clock monitor terminal for EFM data replay. 4,3218MHz as the phase clock.	
22*	FSEQ	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	Output	OPEN direction	
25	CONT2	Output	CLOSE direction	
26	CONT3	Output	Cam motor forward rotation	
27	CONT4	Output	Cam motor reverse rotation	
28	CONT5	Output	Cam motor speed selection High speed "L" Low speed "H"	
29*	EMPH	Output	Difference monitor terminal At "H", deemphasis disk is being replayed.	
30*	C2F	Output	C2 flag output terminal.	
31	DOUT	Output	Output terminal of digital OUTPUT. (EIAJ format)	
32*	TEST3	Input	Input terminal for test. Pull-down resistor is integrated. Surely connected to 0V.	
33	TEST4	Input	Input terminal for test. Pull-down resistor is integrated. Surely connected to 0V.	
34	PCCL	—	Terminal not use. Ground terminal.	
35*	MUTEL	Output	L channel 1 bit DAC	Mute output terminal for L channel.
36	LVDD	—		Power terminal for L channel.
37	LCHO	Output		L channel output terminal.
38	LVSS	—		Ground terminal for L channel Surely connected to 0V.
39	RVSS	—	R channel 1 bit DAC	Ground terminal for R channel Surely connected to 0V.
40	RCHO	Output		R channel output terminal.
41	RVDD	—		Power terminal for R channel.
42*	MUTER	Output		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 0V.	
47*	SBSY	Output	Output terminal of synchronous signal of subcode block.	
48*	EFLG	Output	Correction monitor terminal of C1, C2, single and double.	

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

CD-C5W/CD-K5W,CP-C5W

IC2 VHiLC78622K-1: Servo/Signal Control (LC78622K) (2/2)

Pin No.	Terminal Name	Input/Output	Function
49*	PW	Output	Output terminal of subcodes P, A, R, S, T, U and W.
50*	SFSY	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	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*	TST11	Output	Output terminal for test. Used in the open state ("L" output as ordinary).
60*	16M	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 0when 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.

IC2 VHiLC78622K-1: Servo/Signal Control (LC78622K)

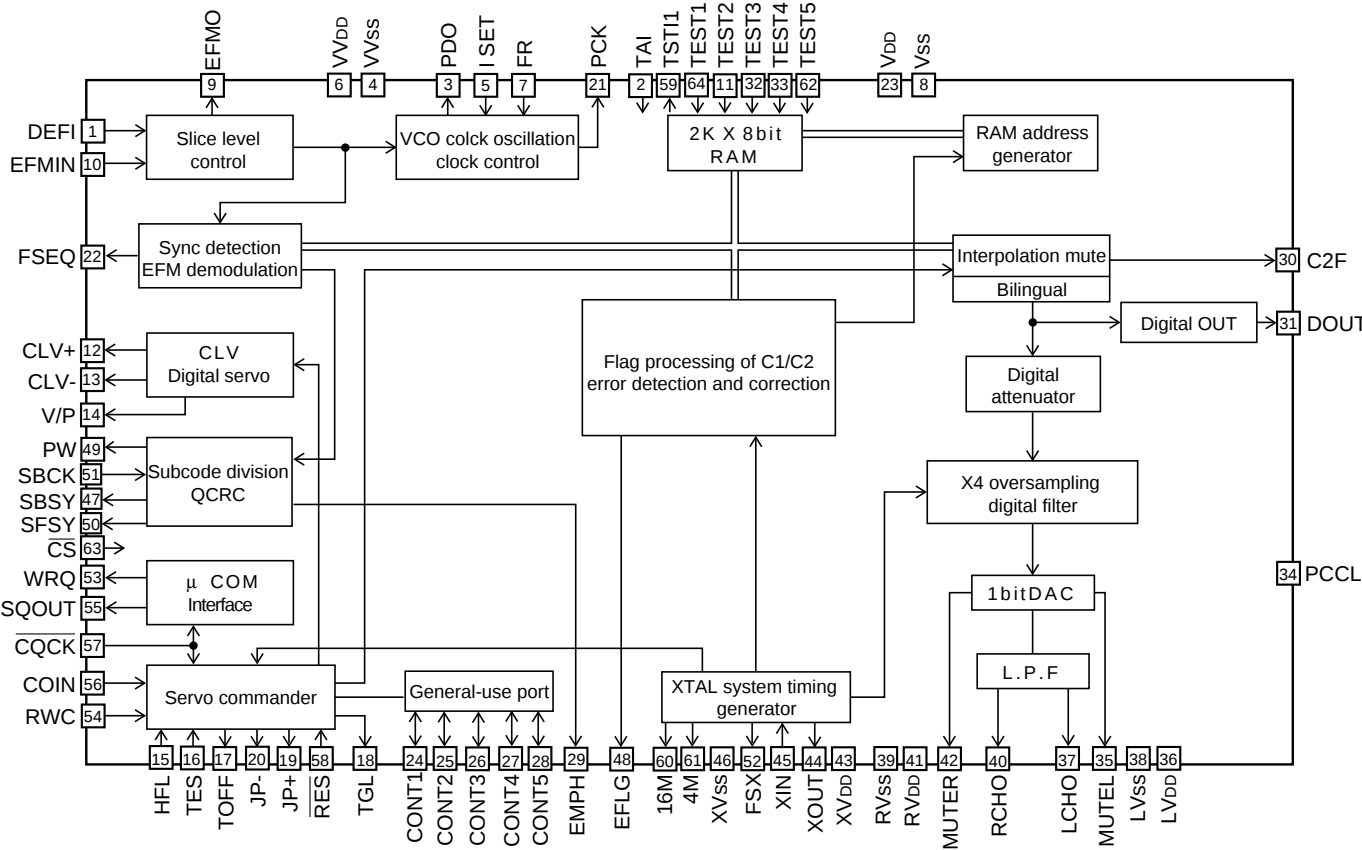


Figure 54 BLOCK DIAGRAM OF IC

IC201 RH-IX0210AWZZ: System Microcomputer (IX0210AW)(1/2)

Pin No.	Port Name	Terminal Name	Input/Output	Function
1	P06	TRY_SW3	Input	CD Chenger mechanism tray position detection switch
2	P07	TRY_SW4	Input	CD Chenger mechanism tray position detection switch
3	SO0	COIN	Output	CD command
4	SI0	SQ_OUT	Input	CD Q code data
5	SCK0	CQCK	Output	CD seria clock
6	SO1	COM	Output	DISP microcomputer control line
7	SI1	DAT	Input	DISP microcomputer control line
8	SCK1	SCK	Output	DISP microcomputer control line
9	P16	STB	Output	DISP microcomputer control line
10	P17	DISP_RES	Output	DISP microcomputer control line
11	INT0	WRQ	Input	CD WRQ input
12	RES	RES	Input	Reset input
13	P74	DRF	Input	CD DRF input
14	P75	PU-IN SW	Input	CD PU-IN switch input
15	VSS1	VSS	—	Ground terminal
16	CF1	CF1	Input	Main clock 4.194304 MHz
17	CF2	CF2	Input	Main clock 4.194304 MHz
18	VDD1	VDD	—	Positive power supply
19	AN0	SP_63 Hz	Input	Input for spectrum analyzer 63 Hz
20	AN1	SP_250 Hz	Input	Input for spectrum analyzer 250 Hz
21	AN2	SP_1 kHz	Input	Input for spectrum analyzer 1 kHz
22	AN3	SP_4 kHz	Input	Input for spectrum analyzer 4 kHz
23	AN4	SP_16 KHZ	Input	Input for spectrum analyzer 16 KHz
24	AN5	POSISTOR	Input	Input for temperature detection
25	AN6	TUNER_SM	Input	For tuner input detection
26	AN7	SP_DET	Input	For speaker output detection
27	INT1	SYS_STOP	Input	Power failure detection input → HOLD mode
28	INT2	SP PROTECT	Input	Speaker ovecurrent detection input → PROTECT mode
29	INT3	INT3	Input	For outside break-in terminal
30	PA0	T2_B-FP SW	Input	Tape B-FP switch
31	PA1	T2_A-FP SW	Input	Tape A-FP switch
32	PA2	T2_CROM SW	Input	Tape T2 CrO ₂ switch
33	PA3	T1_CROM SW	Input	Tape T1 CrO ₂ switch
34	PA4	T2_RUN	Input	Tape T2 RUN pulse
35	PA5	T2_PLAY SW	Input	Tape T2 PLAY switch
36	PA6	VOL SW	Output	Voltage selection hold
37	PA7	MOTOR	Output	Tape motor output
38	PB0	T2_SOL	Output	For tape T2 solenoid drive
39	PB1	T1_SOL	Output	For tape T1 solenoid drive
40	PB2	T1_RUN	Input	Tape T1 RUN pulse
41	PB3	T1_PLAY SW	Input	Tape T1 PLAY switch
42	PB4	HI_SPEED	Output	Tape HIGH SPEED state "L" → "H"
43	PB5	TA_BIAS	Output	Tape REC BIAS OSC
44	PB6	BEET_CANCEL	Output	Tape BIAS frequency selection; Usually "L"
45	PB7	TA_R/P	Output	Tepe PB/REC signal selection
46	PC0	TA_PB-EQ	Output	Tape playback side tape Equalizer selection NOR/CrO ₂
47	PC1	REC-EQ	Output	Tape record Amp Equalizer selection signal NOR/CrO ₂
48	PC2	REC_MUT	Output	Tape record muting output
49	PC3	TA_T1/T2	Output	Tape T1 = "H" T2 = "L"
50	PC4	—	Output	Not used
51	PC5	DOLBY-ON/OFF	Output	DOLBY mode control ON : H OFF : L
52	PC6	DOLBY-PB/REC	Output	DOLBY playback/record selection output RECORD : H PLAYBACK : L

CD-C5W/CD-K5W,CP-C5W

IC201 RH-iX0210AWZZ: System Microcomputer (IX0210AW) (2/2)

Pin No.	Port Name	Terminal Name	Input/Output	Function
53	PC7	PB_MUT	Output	Tape playback muting output
54	PD0	SP_RELAY	Output	For speaker relay drive
55	PD1	FUN_MOTOR	Output	For fan motor drive
56	VDD2	VDD	—	Positive power supply
57	VSS2	VSS	—	Ground terminal
58	PD2	TUNER_MUT	Output	Tuner muting output
59	PD3	SRS_PASS	Output	SRS control output PASS : H Others : L
60	PD4	SRS_3D/MONO	Output	SRS control output MONO : H Others : L
61	PD5	SRS_A	Output	SRS control output SRS 1, 4, 5 : H Others : L
62	PD6	SRS_B	Output	SRS control output SRS 2, 3, 5 : H Others : L
63	PD7	SRS_INH	Output	SRS control output SRS 3, 4, 5 : H Others : L
64	PE0	Q_A	Output	Q-SOUND control PASS mode : H Others : L
65	PE1	Q_B	Output	Q-SOUND control Q-Sound PASS mode : H Others : L
66	PE2	SPRED	Output	Q-SOUND control ENHANCDE mode : H Others : L
67	PE3	PL_ENA	Output	DOLBY PROLOGIC LV1035M control
68	PE4	C2B_CE	Output	Tuner/preamplifier C2B serial control input/output control output
69	PE5	C2B_CL	Output	Tuner/preamplifier C2B serial control clock output
70	PE6	TUN_SD	Input	Tuner signal detection input signal found : L
71	PE7	C2B_DI	Input	Tuner /preamplifier C2B serial control data input
72	PF0	C2B_DO	Output	Tuner /preamplifier C2B serial control data output
73	PF1	VOICE-CANCEL	Output	Karaoke function. "H": ON
74	PF2	LINE_MUT	Output	LINE out MUT signal
75	PF3	SYS_MUT	Output	Front Amp MUT signal
76	PF4	REAR_MUT	Output	Rear Amp MUT signal
77	PF5	CENTER_MUT	Output	Center Amp MUT signal
78	PF6	SWFE_MUT	Output	Super woofer Amp MUT signal
79	PF7	POWER	Output	Set power control, ON "H", "OFF" "L"
80	PL6	9K/10K	Input	Span selection 9K "H" 10K "L"
81	PL5	MIC_DET	Input	MIC existence/nonexistence detection. Existence "L", Nonexistence "H"
82	PL4	TUN_ST	Input	Ground connection by resistor
83	PL0	H/P SW	Input	H. P existence/nonexistence detection
84	PL1	AUT_SCAN	Input	Tuner AUT SCAN function provided/not provided
85	PL2	SRS_A/NA	Input	SURROUND SRS/Q-SOUND selection
86	PL3	DOL_A/NA	Input	Dolby Pro function provided/not provided
87	P30	CD_MUTE	Output	CD output MUT signal
88	P31	PCCL	Output	CD general-use port control signal
89	VSS3	VSS	—	Ground terminal
90	VDD3	VDD	—	Positive power supply
91	P32	RES	Output	CD DSP RES signal
92	P33	SL-	Output	CD Sled motor -signal
93	P34	SL+	Output	CD Sled motor +signal
94	P35	RWC	Output	CD RWC
95	P00	CAM_SW1	Input	CD Changer mechanism cam detection switch
96	P01	CAM_SW2	Input	CD Changer mechanism cam detection switch
97	P02	CAM_SW3	Input	CD Changer mechanism cam detection switch
98	P03	CAM_SW4	Input	CD Changer mechanism cam detection switch
99	P04	TRY_SW1	Input	CD Changer mechanism tray position detection switch
100	P05	TRY_SW2	Input	CD Changer mechanism tray position detection switch

IC501 VHiLC75396N-1: Audio Processor (LC75396N)

Pin No.	Terminal Name	Function
1-3	RF1C1-RF1C3	Terminal to connect capacitor of filter configuration for equalizer F1 band Connect the capacitor between LF1C1(RF1C1) and LF1C2(RF1C2) between LF1C2 (RF1C2) and LF1C3(RF1C3).
4-6	RF2C1-RF2C3	Terminal to connect capacitor of filter configuration for equalizer F2 band Connect the capacitor between LF2C1(RF2C1) and LF2C2(RF2C2) between LF2C2 (RF2C2) and LF2C3(RF2C3).
7-9	RF3C1-RF3C3	Terminal to connect capacitor of filter configuration for equalizer F3 band Connect the capacitor between LF3C1(RF3C1) and LF3C2(RF3C2) between LF3C2 (RF3C2) and LF3C3(RF3C3).
10-12	RF4C1-RF4C3	Terminal to connect capacitor of filter configuration for equalizer F4 band Connect the capacitor between LF4C1(RF4C1) and LF4C2(RF4C2) between LF4C2 (RF4C2) and LF4C3(RF4C3).
13	RF5	Terminal to connect capacitor of filter configuration for equalizer F5 band Terminal to connect the externally provided capacitor
14	RTOUT	Equalizer output terminal
15	RFIN	Input terminal of R-ch front side 4dB step control
16	RFCOM	Common terminal of R-ch front side 1dB step control
17	RFOUT	Output terminal of R-ch front side control
18	RRIN	Input terminal of R-ch rear side 4dB step control
19	RRCOM	Common terminal of R-ch rear side 1dB step control
20	RROUT	Output terminal of R-ch rear side control
21	RVREF	Internal analog ground terminal
22	VREF	Connect the capacitor of about several 10 uF between Vref and AVSS (VSS) so as to prevent power supply ripple in the VDD/2 voltage generating section.
23	CL	Terminal to input serial data and clock for control
24	DI	Terminal to input serial data and clock for control
25	CE	Chip enable terminal. Data is written in the internal latch with a timing of changing H to L, and the specific analog switch is actuated. Data transfer is enabled on the H level.
26	VSS	GND
27	LVREF	Internal analog ground terminal
28	LROUT	Output terminal of L-ch rear side control
29	LRCOM	Common terminal of L-ch rear side 1dB step control
30	LRIN	Input terminal of L-ch rear side 4dB step control
31	LFOUT	Output terminal of L-ch front side control
32	LFCOM	Common terminal of L-ch front side 1dB step control
33	LFIN	Input terminal of L-ch front side 4dB step control
34	LTOUT	Equalizer output terminal
35	LF5	Terminal to connect capacitor of filter configuration for equalizer F5 band Terminal to connect the externally provided capacitor
36-38	LF4C3-LF4C1	Terminal to connect capacitor of filter configuration for equalizer F4 band Connect the capacitor between LF4C1(RF4C1) and LF4C2(RF4C2) between LF4C2 (RF4C2) and LF4C3(RF4C3).
39-41	LF3C3-LF3C1	Terminal to connect capacitor of filter configuration for equalizer F3 band Connect the capacitor between LF3C1(RF3C1) and LF3C2(RF3C2) between LF3C2 (RF3C2) and LF3C3(RF3C3).
42-44	LF2C3-LF2C1	Terminal to connect capacitor of filter configuration for equalizer F2 band Connect the capacitor between LF2C1(RF2C1) and LF2C2(RF2C2) between LF2C2 (RF2C2) and LF2C3(RF2C3).
45-47	LF1C3-LF1C1	Terminal to connect capacitor of filter configuration for equalizer F1 band Connect the capacitor between LF1C1(RF1C1) and LF1C2(RF1C2) between LF1C2 (RF1C2) and LF1C3(RF1C3).
48	LTIN	Equalizer input terminal
49	LSELO	Input selector output terminal
50	LINVIN1	Operational amplifier reverse input terminal for input gain setting
51-55	L5-L1	Input signal terminal
56	VDD	Power terminal
57-61	R1-R5	Input signal terminal
62	RINVIN1	Operational amplifier reverse input terminal for input gain setting
63	RSERO	Input selector output terminal
64	RTIN	Equalizer input terminal

CD-C5W/CD-K5W,CP-C5W

IC701 RH-iX0209AWZZ: FL Driver & Controller (IX0209AW) (1/2)

Pin No.	Port Name	Terminal Name	Input/Output	Function
1	P16/BUZZ	DIP_STB	Input	Serial strobe input for system microcomputer
2	P17/PWM0	NC	Output	NC
3	P30	LED17	Output	LED output H Lights : R-PLAY ◀
4	P31	LED18	Output	LED output H Lights : PAUSE
5	P32	LED19	Output	LED output H Lights : DISC1
6	P33	LED20	Output	LED output H Lights : DISC2
7	P34	LED21	Output	LED output H Lights : DISC3
8	P35	LED22	Output	LED output H Lights : # (SHARP)
9	P36	LED23	Output	LED output H Lights : NATURAL
10	P37	LED24	Output	LED output H Lights : b (FLAT)
11	P70/INT0	FL_SET	Input	FL initial setting input
12	RES	DIP_RES	Input	Reset input
13	XT1/P74	VOL_UP	Input	Volume jog input UP
14	XT2/P75	VOL_DOW	Input	Volume jog input DOWN
15	Vss1	Vss	—	GND
16	CF1	CF_IN	Input	Main clock ceramic 4.19 MHz
17	CF2	CF_OUT	Output	Main clock ceramic 4.19 MHz
18	Vdd1	Vdd	—	Normal power supply
19	P80/AN0	DEST	Input	Initial setting input
20	P81/AN1	AU_SET	Input	Audio operation setting input
21	P82/AN2	KEY1	Input	Button input 0 to 9
22	P83/AN3	KEY2	Input	Button input 10 to 18
23	P84/AN4	KEY3	Input	Button input 19 to 27
24	P85/AN5	KEY4	Input	Button input 28 to 36
25	P86/AN6	KEY5	Input	Button input 37 to 45
26	P87/AN7	KEY6	Input	Button input 46 to 54
27	P71/INT1	MAL_UP	Input	Multi button jog input UP
28	P72/INT2/T0IN	MAL_DOW	Input	Multi button jog input DOWN
29	P73/INT3/T0IN	REM_IN	Input	Remote controller input
30	S0/T0	G15	Output	Display tube grid drive
31	S1/T1	G14	Output	Display tube grid drive
32	S2/T2	G13	Output	Display tube grid drive
33	S3/T3	G12	Output	Display tube grid drive
34	S4/T4	G12	Output	Display tube grid drive
35	S5/T5	G11	Output	Display tube grid drive
36	S6/T6	G10	Output	Display tube grid drive
37	S7/T7	G9	Output	Display tube grid drive
38	S8/T8	G8	Output	Display tube grid drive
39	S9/T9	G7	Output	Display tube grid drive
40	S10/T10	G6	Output	Display tube grid drive
41	S11/T11	G5	Output	Display tube grid drive
42	S12/T12	G4	Output	Display tube grid drive
43	S13/T13	G3	Output	Display tube grid drive
44	S14/T14	G2	Output	Display tube grid drive
45	S15/T15	G1	Output	Display tube grid drive
46	Vdd3	Vdd-F	—	Normal power supply for display tube drive
47	S16/PC0	S27	Output	Display tube segment drive
48	S17/PC1	S26	Output	Display tube segment drive
49	S18/PC2	S25	Outout	Display tube segment drive
50	S19/PC3	S24	Output	Display tube segment drive
51	VP	VP	—	Negative power supply -30 V for display tube drive

IC701 RH-IX0209AWZZ: FL Driver & Controller (IX0209AW) (2/2)

Pin No.	Port Name	Terminal Name	Input/Output	Function
52	S20/PC4	S23	Output	Display tube segment drive
53	S21/PC5	S22	Output	Display tube segment drive
54	S22/PC6	S21	Output	Display tube segment drive
55	S23/PC7	S20	Output	Display tube segment drive
56	S24/PD0	S19	Output	Display tube segment drive
57	S25/PD1	S18	Output	Display tube segment drive
58	S26/PD2	S17	Output	Display tube segment drive
59	S27/PD3	S16	Output	Display tube segment drive
60	S28/PD4	S15	Output	Display tube segment drive
61	S29/PD5	S14	Output	Display tube segment drive
62	S30/PD6	S13	Output	Display tube segment drive
63	S31/PD7	S12	Output	Display tube segment drive
64	S32/PE0	S11	Output	Display tube segment drive
65	S33/PE1	S10	Output	Display tube segment drive
66	S34/PE2	S9	Output	Display tube segment drive
67	S35/PE3	S8	Output	Display tube segment drive
68	S36/PE4	S7	Output	Display tube segment drive
69	S37/PE5	S6	Output	Display tube segment drive
70	S38/PE6	S5	Output	Display tube segment drive
71	S39/PE7	S4	Output	Display tube segment drive
72	Vdd4	Vdd-F	—	Normal proper supply for display tube drive
73	S40/PF0	S3	Output	Display tube segment drive
74	S41/PF1	S2	Output	Display tube segment drive
75	S42/PF2	S1	Output	Display tube segment drive
76	S43/PF3	—	Output	NC
77	S44/PF4	LED1	Output	LED output H Lights : Not defined
78	S45/PF5	LED2	Output	LED output H Lights : Not defined
79	S46/PF6	LED3	Output	LED output H Lights : F-PLAY ▶
80	S47/PF7	LED4	Output	LED output H Lights : STOP ■
81	S48/PG0	LED5	Output	LED output H Lights : FF ►►
82	S49/PG1	LED6	Output	LED output H Lights : REW ◀◀
83	S50/PG2	LED7	Output	LED output H Lights : SRS-G
84	S51/PG3	LED8	Output	LED output H Lights : SRS-R
85	P00	LED9	Output	LED output H Lights : VIRTUAL-G
86	P01	LED10	Output	LED output H Lights : VIRTUAL-R
87	P02	LED11	Output	LED output H Lights : PHANTOM-G
88	P03	LED12	Output	LED output H Lights : PHANTOM-R
89	Vss2	Vss	—	GND
90	Vdd2	Vdd	—	Normal power supply
91	P04	LED13	Output	LED output H Lights : NORMAL-G
92	P05	LED14	Output	LED output H Lights : NORMAL-R
93	P06	LED15	Output	LED output H Lights : STEREO-G
94	P07	LED16	Output	LED output H Lights : STEREO-R
95	P10/S00	DIP_KET	Output	Serial data output for system microcomputer
96	P11/S10/SB0	DIP_DAT	Input	Serial data input for system microcomputer
97	P12/SKC0	DIP_SCK	Input	Serial clock input for system microcomputer
98	P13/S01	NC	Output	NC
99	P14/S11/SB1	NC	Output	NC
100	P15/CK1	NC	Outout	NC

CD-C5W/CD-K5W,CP-C5W**ICS02 VHiQS7777PF-1: Q-SOUND Decorder (QS7777PF)**

Pin No.	Terminal Name	Input/Output	Function
1	VREFOUT	Output	Buffered reference voltage output (Vcc/2)
2	VREFIN	Input	Reference voltage input (Biased to Vcc/2 internally)
3	MSC3	Input	Capacitor
4	MSC2	Input	Capacitor
5	MSC1	Input	Capacitor
6	GND	—	Ground
7 (Parallel)	PSAVE	Input	Power save control (H: power save on, L: power save off)
7 (Serial)	STRB	Input	Serial data strobe (Not applicable to I2C of QS7777CF)
8 (Parallel)	MUTE	Input	Output mute control (H: mute on, L: mute off)
8 (Serial)	SCL	Input	Serial data shift clock
9 (Parallel)	SPREAD	Input	Enhancement control (H: spread maximum, L: spread minimum)
9 (Serial)	SDA	Input/Outout	Serial data input. ACK data output for I2C (QS7777CF)
10 (Parallel)	AC	Input	Center speaker control (H: actual center, L: virtual center)
11 (Parallel)	AR	Input	Rear speaker control (H: actual rear, L: virtual rear)
12 (Parallel)	MO	Input	Monaural to virtual stereo control (H: on, L: off)
13 (Parallel)	BYP	Input	Bypass control (H: Bypass On, L: Q Surround process On)
14	P/S	Input	Interface mode control (H: parallel I/O, L: serial I/O)
15	VDD	—	Digital power supply
16	RROUT	Output	Rear right speaker signal out
17*	RLOUT	Output	Rear left speaker signal out
18	COUT	Output	Center speaker signal out
19	FROUT	Output	Front right speaker out
20	FLOUT	Output	Front left speaker out
21	QXAC1	Input	Capacitor
22	QXAC2	Input	Capacitor
23	QXAC3	Input	Capacitor
24	QXAC4	Input	Capacitor
25	QXAC5	Input	Capacitor
26	QXBC1	Input	Capacitor
27	QXBC2	Input	Capacitor
28	QXBC3	Input	Capacitor
29	QXBC4	Input	Capacitor
30	QXBC5	Input	Capacitor
31	VCC	—	Analog power supply
32	QXCC1	Input	Capacitor
33	QXCC2	Input	Capacitor
34	QXCC3	Input	Capacitor
35	QXCC4	Input	Capacitor
36	QXDC1	Input	Capacitor
37	QXDC2	Input	Capacitor
38	QXDC3	Input	Capacitor
39	QXDC4	Input	Capacitor
40	FLIN	Input	Front left signal input
41	FRIN	Input	Front right signal input
42	CIN	Input	Center signal input
43*	SUBIN	Input	Sub Woofer signal input
44	RLIN	Input	Rear left signal input
45	RRIN	Input	Rear right signal input
46	MSC4	Input	Capacitor
47	MSC5	Input	Capacitor
48	MSC6	Input	Capacitor

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

ICS01 VHiLV1035M/-1:Dolby Pro Logic Decoder (LV1035M)

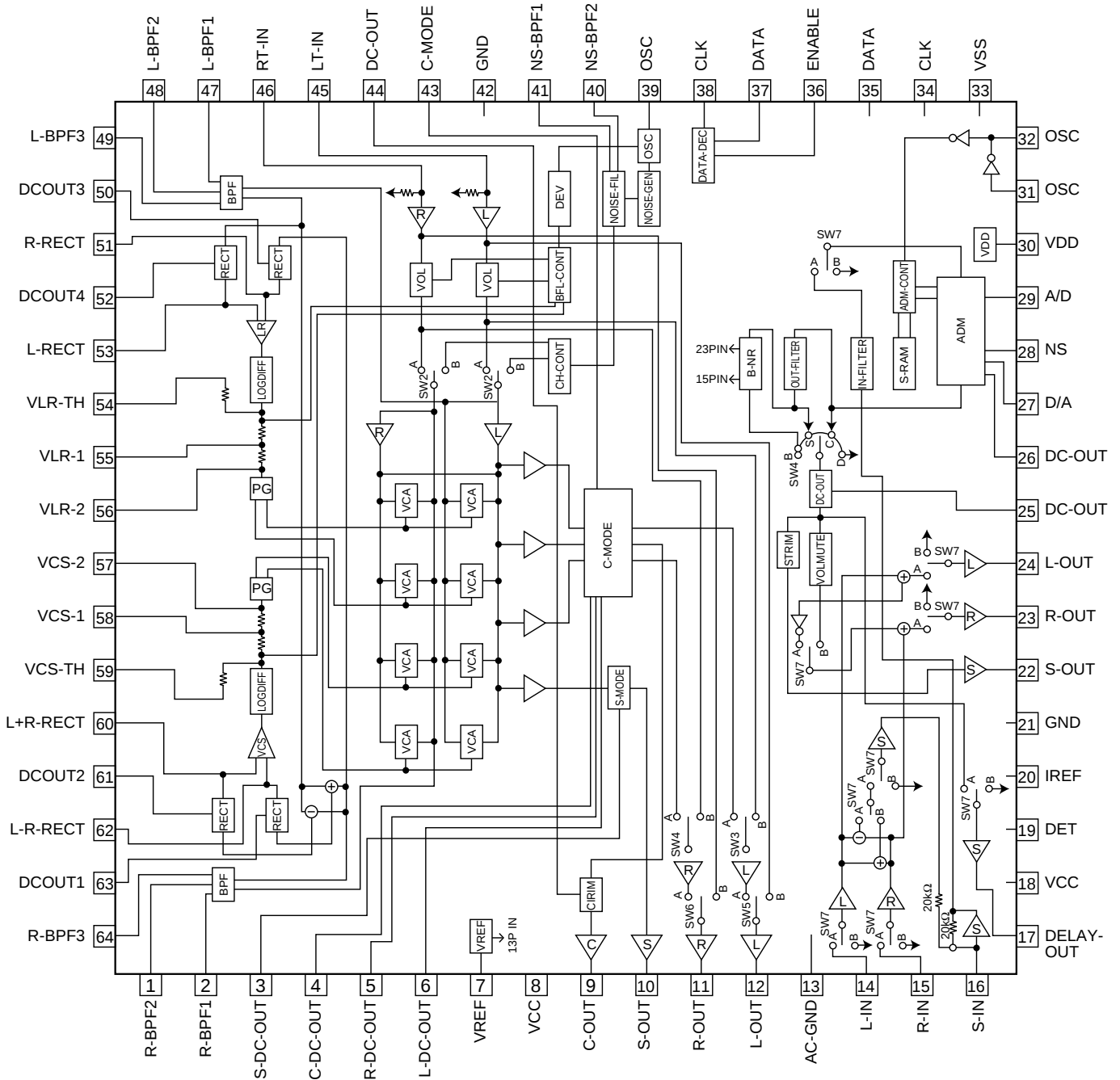
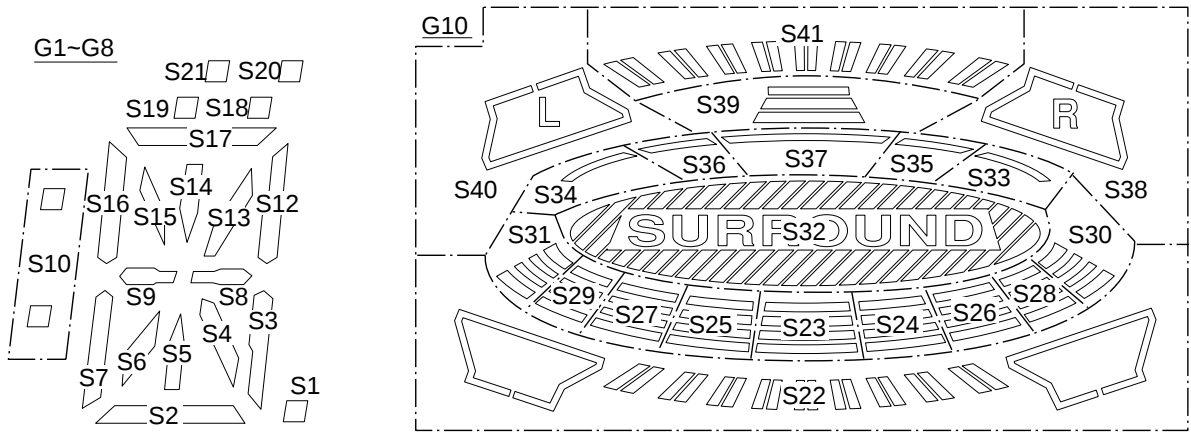
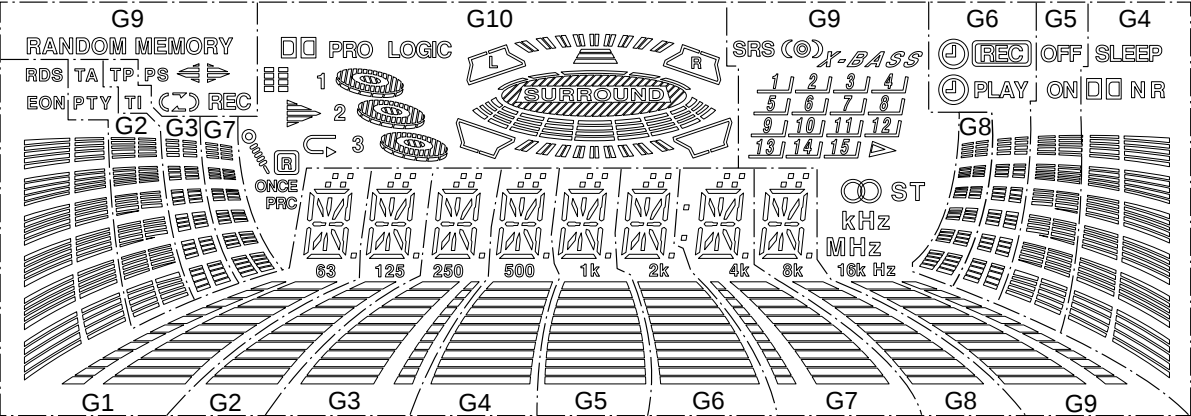


Figure 61 BLOCK DIAGRAM OF IC

CD-C5W/CD-K5W,CP-C5W
FL701 VVKCK1627M/-1



	G1	G2	G3	G4	G5	G6	G7	G8	G9	G10		G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
S0	S0	S0	S0	S0	S0	S0	S0	S0	S0	S0	S21	S21	S21	S21	S21	S21	S21	S21	S21	ST	S21
S1	S1	S1	S1	S1	S1	S1	S1	S1	S1	PBC	S22	S22	S22	S22	S22	S22	S22	S22	S22	5	S22
S2	S2	S2	S2	S2	S2	S2	S2	S2	S2	ONCE	S23	S23	S23	S23	S23	S23	S23	S23	S23	15	S23
S3	S3	S3	S3	S3	S3	S3	S3	S3	S3	REC	S24	S24	S24	S24	S24	S24	S24	S24	S24	14	S24
S4	S4	S4	S4	S4	S4	S4	S4	S4	S4	PS	S25	S25	S25	S25	S25	S25	S25	S25	S25	13	S25
S5	S5	S5	S5	S5	S5	S5	S5	S5	S5	TP	S26	S26	S26	S26	S26	S26	S26	S26	S26	12	S26
S6	S6	S6	S6	S6	S6	S6	S6	S6	S6	PRO LOGIC	S27	S27	S27	S27	S27	S27	S27	S27	S27	11	S27
S7	S7	S7	S7	S7	S7	S7	S7	S7	S7	MEMORY	S28	S28	S28	S28	S28	S28	S28	S28	S28	10	S28
S8	S8	S8	S8	S8	S8	S8	S8	S8	S8	RANDOM	S29	S29	S29	S29	S29	S29	S29	S29	S29	9	S29
S9	S9	S9	S9	S9	S9	S9	S9	S9	S9	SRS	S30	S30	S30	S30	S30	S30	S30	S30	S30	8	S30
S10	EON	PTY	TI	NR	ON	PLAY	S10				S31	S31	S31	S31	S31	S31	S31	S31	S31	7	S31
S11	RDS	TA	TP	SLEEP	OFF	REC					S32	S32	S32	S32	S32	S32	S32	S32	S32	6	S32
S12	S12	S12	S12	S12	S12	S12	S12	S12	S12	(1)	S33	S33	S33	S33	S33	S33	S33	S33	S33	5	S33
S13	S13	S13	S13	S13	S13	S13	S13	S13	S13	X-BASS	S34	S34	S34	S34	S34	S34	S34	S34	S34	4	S34
S14	S14	S14	S14	S14	S14	S14	S14	S14	S14	1	S35	S35	S35	S35	S35	S35	S35	S35	S35	3	S35
S15	S15	S15	S15	S15	S15	S15	S15	S15	S15	2	S36	S36	S36	S36	S36	S36	S36	S36	S36	2	S36
S16	S16	S16	S16	S16	S16	S16	S16	S16	S16	3	S37	S37	S37	S37	S37	S37	S37	S37	S37	1	S37
S17	S17	S17	S17	S17	S17	S17	S17	S17	S17	4	S38	S38	S38	S38	S38	S38	S38	S38	S38	0	S38
S18	S18	S18	S18	S18	S18	S18	S18	S18	S18	MHz	S39	S39	S39	S39	S39	S39	S39	S39	S39	0	S39
S19	S19	S19	S19	S19	S19	S19	S19	S19	S19	kHz	S40	S40	S40	S40	S40	S40	S40	S40	S40	0	S40
S20	S20	S20	S20	S20	S20	S20	S20	S20	S20	(3)	S41	S41	S41	S41	S41	S41	S41	S41	S41	0	S41

PIN ASSIGNMENT

Pin No.	1-3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Assignment	F1	NP	NL	H	G10	G9	G8	G7	G6	G5	G4	G3	G2	G1	S0	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15

Pin No.	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62-64
Assignment	S16	S17	S18	S19	S20	S21	S22	S23	S24	S25	S26	S27	S28	S29	S30	S31	S32	S33	S34	S35	S36	S37	S38	S39	S40	S41	D	NL	NP	F2

Figure 62 FL SEGMENT

SHARP PARTS GUIDE

MODEL CD-C5W
CD-K5W
CP-C5W

Center Speaker (GBOXS0008AWM1) and Surround Speaker (GBOXS0009AWM1), Constitute CP-C5W.

"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" ±5%, "K" ±10%, "M" ±20%, "N" ±30%,
 "C" ±0.25 pF, "D" ±0.5 pF, "Z" +80-20%.)

If there are no indications for the electrolytic capacitors, error is ±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" ±5%, "F" ±1%, "D" ±0.5%.)

If there are no indications for other parts, the resistors are ±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-C5W/CD-K5W,CP-C5W

NO.	PART CODE	★	PRICE RANK	DESCRIPTION
CD-C5W/CD-K5W				
INTEGRATED CIRCUITS				
IC1	VHILA9241M/-1	J	AS	Servo Amp.,LA9241M
IC2	VHILC78622K/-1	J	AY	Servo/Signal Control,LC78622K
IC3	VHIM56748FP-1	J	AR	Focus/Tracking/Spin/Slide Driver,M56748FP
IC81	VHITA7291S/-1	J	AH	Main Cam Motor Driver, TA7291S
IC82	VHITA7291S/-1	J	AH	Tray Motor Driver, TA7291S
IC101	VHIAN7345K/-1	J	AM	Playback and Record/ Playback Amp.,AN7345K
IC201	RH-IX0210AWZZ	J	AZ	System Microcomputer, IX0210AW
IC302	VHILC72131/-1	J	AP	PLL Controller,LC72131
IC303	VHILA1832/-1	J	AR	FM IF Det./FM Mpx./ AM IF, LA1832
IC451	VHISRS5250AS1	J	AZ	SRS,SRS5250AS1
IC452	VHIBU4066BC/-1	J	AG	SRS Mode Selector,BU4066BC
IC501	VHILC75396N-1	J	AX	Audio Processor,LC75396N
IC502~504	VHINJM4558D-1	J	AH	Ope Amp.,NJM4558D
IC601	VHIM65845FP-1	J	BB	Mic Amp.,M65845FP [CD-K5W Only]
IC701	RH-IX0209AWZZ	J	BA	FL Driver & Controller,IX0209AW
IC901	VHISTK41710-1	J	BK	Power Amp.,STK41710
ICD01	VHIIHA12134AF-1	J	AK	Dolby NR,HA12134AF
ICD03	VHIBA3311L/-1	J	AK	REC./P.B.Equalizer Amp., BA3311L
ICH01	VHISTK40705-1	J	BA	Power Amp.,STK40705
ICP01	VHINJM4565M-1	J	AC	Low Boost Amp.,NJM4565M
ICP02	VHINJM4565M-1	J	AC	Line Amp.,NJM4565M
ICS01	VHILV1035M/-1	J	BC	Dolby Pro Logic Decoder, LV1035M
ICS02	VHIQS7777PF-1	J	BC	Q-Sound Decoder,QS7777PF
ICS03	VHINJM4565M-1	J	AC	Pro Logic Amp.,NJM4565M
ICT01	VHITA7358AP-1	J	AG	FM Front End,TA7358AP
ICT02	VHINJM4558MF-	J	AE	Line Amp.,NJM4558MF

TRANSISTORS

Q1	VSKTA1266GR-1	J	AB	Silicon,PNP,KTA1266 GR
Q51	VSKRC107M/-1	J	AC	Digital,NPN,KRC107 M
Q52	VSKTC3203Y/-1	J	AC	Silicon,NPN,KTC3203 Y
Q101,102	VSKRC104M/-1	J	AC	Digital,NPN,KRC104 M
Q103~106	VS2SC1845F/-1	J	AC	Silicon,NPN,2SC1845F
Q107,108	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
Q109	VSKTA1266GR-1	J	AB	Silicon,PNP,KTA1266 GR
Q110,111	VSKRC104M/-1	J	AC	Digital,NPN,KRC104 M
Q113,114	VSKRC104M/-1	J	AC	Digital,NPN,KRC104 M
Q119	VSKRC104M/-1	J	AC	Digital,NPN,KRC104 M
Q121,122	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
Q124,125	VSKTA1271Y/-1	J	AC	Silicon,PNP,KTA1271 Y
Q126,127	VSKRC104M/-1	J	AC	Digital,NPN,KRC104 M
Q128	VS2SC2236-Y-1	J	AB	Silicon,NPN,2SC2236 Y
Q139~144	VSKRC104M/-1	J	AC	Digital,NPN,KRC104 M
Q146	VSKRC104M/-1	J	AC	Digital,NPN,KRC104 M
Q147~150	VSKRC107M/-1	J	AC	Digital,NPN,KRC107 M
Q153,154	VSKRC107M/-1	J	AC	Digital,NPN,KRC107 M
Q156	VSKRC107M/-1	J	AC	Digital,NPN,KRC107 M
Q201	VSKRC102M/-1	J	AC	Digital,NPN,KRC102 M
Q202,203	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
Q204	VSKTA1266GR-1	J	AB	Silicon,PNP,KTA1266 GR
Q206	VSKRA107M/-1	J	AE	Digital,PNP,KRA107 M
Q306~309	VS2SC2878B/-1	J	AC	Silicon,NPN,2SC2878 B
Q353,354	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
Q360	VSKTA1266GR-1	J	AB	Silicon,PNP,KTA1266 GR
Q361	VSKRC107M/-1	J	AC	Digital,NPN,KRC107 M
Q362~364	VSKRA107M/-1	J	AE	Digital,PNP,KRA107 M
Q365	VSKRC107M/-1	J	AC	Digital,NPN,KRC107 M
Q451	VSKRA107M/-1	J	AE	Digital,PNP,KRA107 M
Q452	VSKRC107M/-1	J	AC	Digital,NPN,KRC107 M
Q458~460	VSKRC107M/-1	J	AC	Digital,NPN,KRC107 M
Q461	VSKTC3203Y/-1	J	AC	Silicon,NPN,KTC3203 Y
Q463,464	VSKRC107M/-1	J	AC	Digital,NPN,KRC107 M
Q465~467	VS2SK246GR/-1	J	AB	FET,2SK246 GR
Q501,502	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
Q631	VSKTC3203Y/-1	J	AC	Silicon,NPN,KTC3203 Y [CD-K5W Only]
Q702~715	VSKTC3875GR-1	J	AB	Silicon,NPN,KTC3875 GR
Q716~723	VSKTA1504Y/-1	J	AB	Silicon,PNP,KTA1504 Y

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
Q820	VS2SD2012/-1	J	AD	Silicon,NPN,2SD2012
Q821	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
Q822	VS2SD2012/-1	J	AD	Silicon,NPN,2SD2012
Q823	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
Q824	VS2SD2012/-1	J	AD	Silicon,NPN,2SD2012
Q825	VS2SD468-C/-1	J	AD	Silicon,NPN,2SD468 C
Q826	VSKRA107M/-1	J	AE	Digital,PNP,KRA107 M
Q827	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
Q828	VSKRC107M/-1	J	AC	Digital,NPN,KRC107 M
Q851	VS2SB1375/-1	J	AF	Silicon,PNP,2SB1375
Q903,904	VSKTC3200GR-1	J	AC	Silicon,NPN,KTC3200 GR
Q994	VSKTA1270Y/-1	J	AD	Silicon,PNP,KTA1270 Y
Q995	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
Q997~999	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
QD01,02	VS2SC2878A/-1	J	AE	Silicon,NPN,2SC2878 A
QD03	VSKRC107M/-1	J	AC	Digital,NPN,KRC107 M
QD06	VSKRC104M/-1	J	AC	Digital,NPN,KRC104 M
QD07~10	VSKRC107M/-1	J	AC	Digital,NPN,KRC107 M
QH03,04	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
QH97~99	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
QM01	VS2SK246GR/-1	J	AB	FET,2SK246 GR
QM02	VSKTA1273Y/-1	J	AE	Silicon,PNP,KTA1273 Y
QM03,04	VSKTA1271Y/-1	J	AC	Silicon,PNP,KTA1271 Y
QM08	VSKRC104M/-1	J	AC	Digital,NPN,KRC104 M
QM20~22	VSKRC104M/-1	J	AC	Digital,NPN,KRC104 M
QP01~05	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
QP07,08	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
QS01	VSKRC107M/-1	J	AC	Digital,NPN,KRC107 M
QT01,02	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
QT01A	VS2SC535-C/-1	J	AC	Silicon,NPN,2SC535 C
QT03,04	VSKRA107M/-1	J	AE	Digital,PNP,KRA107 M
QT05	VSKTC3199GR-1	J	AB	Silicon,NPN,KTC3199 GR
QT06	VSKRA107M/-1	J	AE	Digital,PNP,KRA107 M

DIODES

D1	VHD1SS133/-1	J	AA	Silicon,1SS133
D2~4	VHD1N4004S/-1	J	AB	Silicon,1N4004S
D51	VHD1SS133/-1	J	AA	Silicon,1SS133
D81,82	VHD1SS133/-1	J	AA	Silicon,1SS133
D101~104	VHD1SS133/-1	J	AA	Silicon,1SS133
D202~205	VHD1SS133/-1	J	AA	Silicon,1SS133
D206	VHD1SS133/-1	J	AA	Silicon,1SS133 [CD-K5W Only]
D301~304	VHD1SS133/-1	J	AA	Silicon,1SS133
D305~309	VHD1SS135/-1	J	AB	Silicon,1SS135
D310	VHD1SS133/-1	J	AA	Silicon,1SS133
D311	VHD1SS135/-1	J	AB	Silicon,1SS135
D312~314	VHD1SS133/-1	J	AA	Silicon,1SS133
D315~317	VHD1SS135/-1	J	AB	Silicon,1SS135
D351~353	VHD1SS133/-1	J	AA	Silicon,1SS133
D401~403	VHD1SS133/-1	J	AA	Silicon,1SS133
D501,502	VHD1SS133/-1	J	AA	Silicon,1SS133
D552~557	VHD1SS133/-1	J	AA	Silicon,1SS133
D601	VHD1SS133/-1	J	AA	Silicon,1SS133 [CD-K5W Only]
D701	VHD1N4004S/-1	J	AB	Silicon,1N4004S
D702	VHD1SS133/-1	J	AA	Silicon,1SS133
D821,822	VHD1N4004S/-1	J	AB	Silicon,1N4004S
D823	VHD1SS133/-1	J	AA	Silicon,1SS133
D826~829	VHD1SS133/-1	J	AA	Silicon,1SS133
△ D850	VHDS4VB20/-1	J	AG	Rectifier,S4VB20
△ D851	VHDBR102J02-1	J	AM	Silicon,BR102J02
D852~855	VHDRL204F/-1	J	AC	Silicon,RL204F
D858~861	VHD1N4004S/-1	J	AB	Silicon,1N4004S
D870	VHD1SS133/-1	J	AA	Silicon,1SS133
D901,902	VHD1SS133/-1	J	AA	Silicon,1SS133
D905,906	VHD1N5402M/-1	J	AE	Silicon,1N5402M
D907,908	VHD1N4004S/-1	J	AB	Silicon,1N4004S
D909~912	VHD1SS133/-1	J	AA	Silicon,1SS133
D993	VHD1SS133/-1	J	AA	Silicon,1SS133
D995~999	VHD1SS133/-1	J	AA	Silicon,1SS133
DD01,02	VHD1SS133/-1	J	AA	Silicon,1SS133
DH01,02	VHD1SS133/-1	J	AA	Silicon,1SS133
DH95~99	VHD1SS133/-1	J	AA	Silicon,1SS133
DM01~03	VHD1SS133/-1	J	AA	Silicon,1SS133
DS01~04	VHD1SS133/-1	J	AA	Silicon,1SS133
DS05,06	VHD1N4004S/-1	J	AB	Silicon,1N4004S
DT01,02	VHD1SS133/-1	J	AA	Silicon,1SS133
DT01A	VHD1SS133/-1	J	AA	Silicon,1SS133
LED701~707	VHP333GTH4/-1	J	AC	LED,Green,333GTH4
LED708	VHP333GTH2/-1	J	AD	LED,Green,333GTH2
LED709	VHP333GTH4/-1	J	AC	LED,Green,333GTH4
LED710~713	VHP333YTH2/-1	J	AD	LED,Orange,333YTH2

CD-C5W/CD-K5W,CP-C5W

NO.	PART CODE	★	PRICE RANK	DESCRIPTION
LED714,715	VHP333GTH2/-1	J	AD	LED,Green,333GTH2
LED716~718	VHP333GTH4/-1	J	AC	LED,Green,333GTH4
LED719,720	VHP333YTH2/-1	J	AD	LED,Orange,333YTH2
LED721~724	VHPSPR325MV-1	J	AF	LED,Red,SPR325MV
LED725	VHP333GTH2/-1	J	AD	LED,Green,333GTH2
LED726	VHP333GTH4/-1	J	AC	LED,Green,333GTH4
VD301,302	VHCKV1236Z23F	J	AS	Variable Capacitance, KV1236Z23F
VDT01,02	VHCKDV147C/-1	J	AH	Variable Capacitance,KDV147C
ZD61	VHEMTZJ4R7B-1	J	AB	Zener,4.7V,MTZJ4.7B
ZD201	VHEMTZJ3R3A-1	J	AB	Zener,3.3V,MTZJ3.3A
ZD351	VHEMTZJ4R7B-1	J	AB	Zener,4.7V,MTZJ4.7B
ZD352	VHEMTZJ3R9B-1	J	AC	Zener,3.9V,MTZJ3.9B
ZD451,452	VHEMTZJ8R2C-1	J	AB	Zener,8.2V,MTZJ8.2C
ZD550	VHEMTZJ5R6A-1	J	AC	Zener,5.6V,MTZJ5.6A
ZD631	VHEMTZJ5R6B-1	J	AD	Zener,5.6V,MTZJ5.6B [CD-K5W Only]
ZD820	VHEMTZJ130B-1	J	AC	Zener,13V,MTZJ13B
ZD821	VHEMTZJ5R6A-1	J	AC	Zener,5.6V,MTZJ5.6A
ZD822	VHEMTZJ8R2C-1	J	AB	Zener,8.2V,MTZJ8.2C
ZD851	VHEMTZJ300C-1	J	AC	Zener,30V,MTZJ30C
ZD852	VHEMTZJ4R7B-1	J	AB	Zener,4.7V,MTZJ4.7B
ZD853	VHEMTZJ8R2C-1	J	AB	Zener,8.2V,MTZJ8.2C
ZD854	VHEMTZJ4R7B-1	J	AB	Zener,4.7V,MTZJ4.7B
ZD901	VHEMTZJ130B-1	J	AC	Zener,13V,MTZJ13B
ZD903,904	VHEMTZJ8R2C-1	J	AB	Zener,8.2V,MTZJ8.2C
ZD998	VHEMTZJ5R1B-1	J	AC	Zener,5.1V,MTZJ5.1B
ZD999	VHEMTZJ5R6B-1	J	AD	Zener,5.6V,MTZJ5.6B
ZDS01	VHEMTZJ5R1B-1	J	AC	Zener,5.1V,MTZJ5.1B

FILTERS

BFT01	92LFILTF1759AT	J	AD	FM Band Pass Filter
CF302	RFILF0124AFZZ	J	AD	FM IF,10.7 MHz
CF351	RFILF0003AWZZ	J	AK	FM IF
CF352	RFILA0009AWZZ	J	AE	AM IF

TRANSFORMERS

T302	RCILA1064AFZZ	J	AD	MW Antenna
T303	92LCOILA-1586B	J	AF	SW1 Antenna
T304	RCILA0014AWZZ	J	AE	SW2 Antenna
T306	RCILB1074AFZZ	J	AC	MW Oscillation
T307	RCILB0015AWZZ	J	AD	SW1 Oscillation
T308	RCILB0014AWZZ	J	AD	SW2 Oscillation
T351	RCILI0011AWZZ	J	AD	AM IF
△ T851	RTRNP0189AWZZ	J	BQ	Power
TT01	RCILI0007AWZZ	J	AD	FM IF

COILS

L61	VP-XHR82K0000	J	AC	0.82 μH
L95	VP-XH2R2K0000	J	AB	2.2 μH,Choke
L102,103	RCILC0094AFZZ	J	AD	6.8 mH
L104	VP-MK331K0000	J	AB	330 μH,Choke
L201	VP-DH2R2M0000	J	AB	2.2 μH,Choke
L251,252	RCILL0105AFZZ	J	AE	MPX. Filter
L311	VP-YF561K0000	J	AD	560 μH
L351,352	VP-DH101K0000	J	AB	100 μH,Choke
L353	VP-DH102K0000	J	AB	1 mH,Choke
L356	VP-YF102J0000	J	AC	1 mH
L357	VP-YF472J0000	J	AC	4.7 mH
L358	VP-YF561K0000	J	AD	560 μH
L701	VP-CH2R2M0000	J	AB	2.2 μH
L851	VP-DH101K0000	J	AB	100 μH,Choke
L901,902	RCILZ0137AFZZ	J	AA	0.29 μH
L903	VP-XH2R2K0000	J	AB	2.2 μH,Choke
LD01,02	RCILC0094AFZZ	J	AD	6.8 mH
LT01	RCILR0029AWZZ	J	AA	FM RF
LT02	RCILB0045AWZZ	J	AD	FM Oscillation

VARIABLE RESISTORS

VR101	RVR-M0028AWZZ	J	AC	22 kohms (B),Semi-VR [L-CH Bias Current]
VR102	RVR-M0028AWZZ	J	AC	22 kohms (B),Semi-VR [R-CH Bias Current]
VR151	RVR-M0030AWZZ	J	AC	47 kohms (B),Semi-VR [L-CH Rec/Play Sens.]
VR152	RVR-M0030AWZZ	J	AC	47 kohms (B),Semi-VR [R-CH Rec/Play Sens.]

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
VR351	RVR-M0026AFZZ	J	AC	10 kohm (B),Semi-VR [FM Mute Level]
VR601	92LVRR1674A	J	AF	30 kohms (B),Semi-VR [Mic 1 Volume] [CD-K5W Only]
VR602	92LVRR1674A	J	AF	30 kohms (B),Semi-VR [Mic 2 Volume] [CD-K5W Only]
VR603	92LVRR1674A	J	AF	30 kohms (B),Semi-VR [Digital Echo] [CD-K5W Only]
VRD01	RVR-M0028AWZZ	J	AC	22 kohms (B),Semi-VR [Tape 1 Play L-CH Sens.]
VRD02	RVR-M0028AWZZ	J	AC	22 kohms (B),Semi-VR [Tape 1 Play R-CH Sens.]
VRD03	RVR-M0028AWZZ	J	AC	22 kohms (B),Semi-VR [Tape 2 Play L-CH Sens.]
VRD04	RVR-M0028AWZZ	J	AC	22 kohms (B),Semi-VR [Tape 2 Play R-CH Sens.]
VRM01	RVR-M0030AWZZ	J	AC	47 kohms (B),Semi-VR [Tape Speed]

VARIABLE CAPACITORS

TC302~305	92LTO-1527AT	J	AF	Trimmer,20pF
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VIBRATORS

X201	RCRSP0003AWZZ	J	AH	Crystal,4.19MHz
X351	92LCRSTL1425A	J	AF	Crystal,456 kHz
X352	RCRSP0002AWZZ	J	AH	Crystal,4.5 MHz
X701	RCRM-0031AWZZ	J	AE	Ceramic,4.19 MHz
XL1	RCRSP0005AWZZ	J	AF	Crystal,16.934 MHz
XLS01	RCRM-0173AFZZ	J	AE	Ceramic,8 MHz

CAPACITORS

C1	RC-GZA476AF1A	J	AB	47 μF,10V,Electrolytic
C2	VCTYMN1CY103N	J	AA	0.01 μF,16V
C3	RC-GZA105AF1H	J	AB	1 μF,50V,Electrolytic
C4	RC-GZA104AF1H	J	AB	0.1 μF,50V,Electrolytic
C5,6	VCTYPA1CX333K	J	AA	0.033 μF,16V
C7	RC-GZA104AF1H	J	AB	0.1 μF,50V,Electrolytic
C8	VCTYPA1CX683K	J	AA	0.068 μF,16V
C9	VCTYPA1CX473K	J	AA	0.047 μF,16V
C10	VCKYMN1HB181K	J	AA	180 pF,50V
C11,12	VCTYPA1CX104K	J	AB	0.1 μF,16V
C13	VCKYMN1HB331K	J	AA	330 pF,50V
C14	VCTYMN1CY103K	J	AA	0.01 μF,16V
C16	VCTYMN1CX472K	J	AA	0.0047 μF,16V
C17	VCKYMN1HB102K	J	AA	0.001 μF,50V
C18	RC-GZA474AF1H	J	AA	0.47 μF,50V,Electrolytic
C19	RC-GZA105AF1H	J	AB	1 μF,50V,Electrolytic
C20	RC-GZA476AF1A	J	AB	47 μF,10V,Electrolytic
C21	VCTYMN1CX332K	J	AA	0.0033 μF,16V
C22	VCCSPA1HL221J	J	AA	220 pF,50V
C23	VCTYMN1CX272K	J	AA	0.0027 μF,16V
C24	VCCSMN1HL2R2C	J	AB	2.2 pF,50V
C25	VCCSMN1HL270J	J	AA	27 pF,50V
C26	VCTYPA1CX333K	J	AA	0.033 μF,16V
C27	VCKYMN1HB102K	J	AA	0.001 μF,50V
C28	VCTYPA1CX104K	J	AB	0.1 μF,16V
C29	RC-GZA475AF1E	J	AB	4.7 μF,25V,Electrolytic
C30	RC-GZA104AF1H	J	AB	0.1 μF,50V,Electrolytic
C31	VCEAZA03W227M	J	AC	220 μF,6.3V,Electrolytic
C32	VCTYMN1CY103N	J	AA	0.01 μF,16V
C33	RC-GZA474AF1H	J	AA	0.47 μF,50V,Electrolytic
C34	RC-GZA334AF1H	J	AA	0.33 μF,50V,Electrolytic
C35	RC-GZA105AF1H	J	AB	1 μF,50V,Electrolytic
C36	RC-GZA107AF1A	J	AB	100 μF,10V,Electrolytic
C37	VCTYMN1EF223Z	J	AA	0.022 μF,25V
C38	VCTYMN1CY103N	J	AA	0.01 μF,16V
C39,40	VCTYPA1CX473K	J	AA	0.047 μF,16V
C41	VCCCBT1HH120J	J	AA	12 pF (CH),50V
C42	VCCCBT1HH150J	J	AA	15 pF (CH),50V
C43	RC-GZA107AF1A	J	AB	100 μF,10V,Electrolytic
C44~49	VCKYMN1HB101K	J	AA	100 pF,50V
C51,52	RC-GZA107AF1A	J	AB	100 μF,10V,Electrolytic
C53	VCTYMN1EF223Z	J	AA	0.022 μF,25V
C54	VCKYMN1HB102K	J	AA	0.001 μF,50V
C55	RC-EZ0004AWZZ	J	AD	3.3 μF,16V,Electrolytic
C56	VCTYMN1EF223Z	J	AA	0.022 μF,25V
C57	VCKYBT1HB102K	J	AA	0.001 μF,50V
C71,72	RC-EZ0004AWZZ	J	AD	3.3 μF,16V,Electrolytic
C80	VCTYMN1EF223Z	J	AA	0.022 μF,25V

CD-C5W/CD-K5W,CP-C5W

NO.	PART CODE	★	PRICE RANK	DESCRIPTION
C81,82	RC-GZA476AF1E	J	AB	47 μF,25V,Electrolytic
C83	VCKYMN1HB102K	J	AA	0.001 μF,50V
C85	VCTYMN1EF223Z	J	AA	0.022 μF,25V
C86,87	RC-GZA476AF1E	J	AB	47 μF,25V,Electrolytic
C95	RC-GZA107AF1A	J	AB	100 μF,10V,Electrolytic
C96	VCTYBT1EF223Z	J	AA	0.022 μF,25V
C101~104	VCKYMN1HB271K	J	AA	270 pF,50V
C105,106	VCKYMN1HB331K	J	AA	330 pF,50V
C107,108	VCKYMN1HB561K	J	AA	560 pF,50V
C109	VCKYPA1HF223Z	J	AB	0.022 μF,50V
C111~114	VCKYMN1HB331K	J	AA	330 pF,50V
C115,116	RC-GZA476AF1E	J	AB	47 μF,25V,Electrolytic
C117,118	VCTYPA1CX333K	J	AA	0.033 μF,16V
C119,120	VCKYMN1HB561K	J	AA	560 pF,50V
C121,122	RC-GZA105AF1H	J	AB	1 μF,50V,Electrolytic
C123,124	VCTYPA1CX123K	J	AA	0.012 μF,16V
C125,126	VCTYPA1CX103K	J	AA	0.01 μF,16V
C127	VCTYMN1EF223Z	J	AA	0.022 μF,25V
C128	RC-GZA335AF1H	J	AB	3.3 μF,50V,Electrolytic
C131,132	VCKYMN1HB271K	J	AA	270 pF,50V
C133,134	RC-GZA106AF1C	J	AB	10 μF,16V,Electrolytic
C139,140	VCTYMN1CX332K	J	AA	0.0033 μF,16V
C141,142	RC-GZA476AF1E	J	AB	47 μF,25V,Electrolytic
C145	RC-GZA226AF1E	J	AB	22 μF,25V,Electrolytic
C146	VCEAZA1AW227M	J	AC	220 μF,10V,Electrolytic
C147	VCTYMN1EF223Z	J	AA	0.022 μF,25V
C148	VCEAZA1CW107M	J	AC	100 μF,16V,Electrolytic
C150	VQCPKA2AA822J	J	AA	0.0082 μF,100V,Polypropylene
C151	VCQYKA1HM393J	J	AB	0.039 μF,50V,Mylar
C152	VCEAZA1AW227M	J	AC	220 μF,10V,Electrolytic
C162	VCKYKA1HM473J	J	AB	0.047 μF,50V,Mylar
C167,168	VCTYPA1CX103K	J	AA	0.01 μF,16V
C175,176	VCTYMN1CX562K	J	AA	0.0056 μF,16V
C177,178	VCTYMN1CX682K	J	AA	0.0068 μF,16V
C179,180	VCTYPA1EX822K	J	AA	0.0082 μF,25V
C181,182	RC-GZA104AF1H	J	AB	0.1 μF,50V,Electrolytic
C183	VCEAZA1CW106M	J	AC	10 μF,16V,Electrolytic
C184	VCEAZA1HW475M	J	AB	4.7 μF,50V,Electrolytic
C201	VCEAZA1AW477M	J	AC	470 μF,10V,Electrolytic
C202	VCTYMN1CY103N	J	AA	0.01 μF,16V
C203	RC-GZA335AF1H	J	AB	3.3 μF,50V,Electrolytic
C204	VCTYMN1CY103N	J	AA	0.01 μF,16V
C205,206	VCCCMN1HH150J	J	AA	15 pF (CH),50V
C207	RC-GZA226AF1E	J	AB	22 μF,25V,Electrolytic
C208	VCTYBT1EF223Z	J	AA	0.022 μF,25V [CD-K5W Only]
C251,252	VCTYMN1CX332K	J	AA	0.0033 μF,16V
C256	VCTYMN1EF223Z	J	AA	0.022 μF,25V
C257	RC-GZA476AF1E	J	AB	47 μF,25V,Electrolytic
C258	VCKYBT1HB102K	J	AA	0.001 μF,50V
C301	VCKYMN1HB102K	J	AA	0.001 μF,50V
C303,304	VCTYMN1EF223Z	J	AA	0.022 μF,25V
C305	VCKZPA1HF473Z	J	AA	0.047 μF,50V
C306	VCCUMN1HJ100J	J	AA	10 pF (UJ),50V
C307	VCKZPA1HF473Z	J	AA	0.047 μF,50V
C308	VCCUMN1HJ8R2D	J	AA	8.2 pF (UJ),50V
C309	VCKYMN1HB331K	J	AA	330 pF,50V
C310	VCKYMN1HB102K	J	AA	0.001 μF,50V
C311~314	VCTYMN1EF223Z	J	AA	0.022 μF,25V
C315,316	VCTYPA1CX104K	J	AB	0.1 μF,16V
C318,319	VCTYMN1EF223Z	J	AA	0.022 μF,25V
C320	VCTYMN1CX182K	J	AA	0.0018 μF,16V
C321	VCTYMN1CX392K	J	AA	0.0039 μF,16V
C330	VCCUMN1HJ8R2D	J	AA	8.2 pF (UJ),50V
C331	VCKZPA1HF473Z	J	AA	0.047 μF,50V
C334	VCCUMN1HJ180J	J	AA	18 pF (UJ),50V
C335	VCCCMN1HH180J	J	AA	18 pF (CH),50V
C336	VCKYMN1HB471K	J	AA	470 pF,50V
C338	VCKYMN1HB102K	J	AA	0.001 μF,50V
C342	VCTYMN1EF223Z	J	AA	0.022 μF,25V
C343	VCCCMN1HH150J	J	AA	15 pF (CH),50V
C349	RC-GZA105AF1H	J	AB	1 μF,50V,Electrolytic
C350,351	VCTYMN1EF223Z	J	AA	0.022 μF,25V
C352	RC-GZA106AF1C	J	AB	10 μF,16V,Electrolytic
C353,354	VCTYMN1EF223Z	J	AA	0.022 μF,25V
C355	VCCSMN1HL220J	J	AA	22 pF,50V
C356	VCKYMN1HB102K	J	AA	0.001 μF,50V
C357	RC-GZA225AF1H	J	AB	2.2 μF,50V,Electrolytic
C358	RC-GZA105AF1H	J	AB	1 μF,50V,Electrolytic
C360,361	VCTYMN1EF223Z	J	AA	0.022 μF,25V
C362	RC-GZA335AF1H	J	AB	3.3 μF,50V,Electrolytic
C363	VCTYMN1EF223Z	J	AA	0.022 μF,25V
C364	RC-GZA106AF1C	J	AB	10 μF,16V,Electrolytic

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
C365	VCTYMN0JY223N	J	AA	0.022 μF,6.3V
C366	VCKYMN1HB102K	J	AA	0.001 μF,50V
C367,368	RC-GZA105AF1H	J	AB	1 μF,50V,Electrolytic
C370~372	RC-GZA105AF1H	J	AB	1 μF,50V,Electrolytic
C373,374	VCTYPA1CX223K	J	AA	0.022 μF,16V
C375	RC-GZA335AF1H	J	AB	3.3 μF,50V,Electrolytic
C380	RC-GZA105AF1H	J	AB	1 μF,50V,Electrolytic
C381	VCCCMN1HH120J	J	AA	12 pF (CH),50V
C382	VCCCMN1HH150J	J	AA	15 pF (CH),50V
C383	VCTYBT1CX222M	J	AA	0.0022 μF,16V
C385	VCTYMN1CY103K	J	AA	0.01 μF,16V
C386	VCKYMN1HB331K	J	AA	330 pF,50V
C387	VCTYMN1EF223Z	J	AA	0.022 μF,25V
C390	VCKYMN1HB101K	J	AA	100 pF,50V
C391	RC-GZA476AF1C	J	AB	47 μF,16V,Electrolytic
C392	VCKYMN1HB102K	J	AA	0.001 μF,50V
C393	RC-GZA225AF1H	J	AB	2.2 μF,50V,Electrolytic
C394	RC-GZA476AF1C	J	AB	47 μF,16V,Electrolytic
C395	VCTYMN1EF223Z	J	AA	0.022 μF,25V
C396	RC-GZA107AF1A	J	AB	100 μF,10V,Electrolytic
C397	VCTYMN1EF223Z	J	AA	0.022 μF,25V
C398	RC-GZA107AF1A	J	AB	100 μF,10V,Electrolytic
C399	VCTYMN1EF223Z	J	AA	0.022 μF,25V
C453,454	RC-GZA225AF1H	J	AB	2.2 μF,50V,Electrolytic
C456,457	VCEAZA1CW107M	J	AC	100 μF,16V,Electrolytic
C458	VCQYKA1HM473J	J	AB	0.047 μF,50V,Mylar
C460	RC-GZA474AF1H	J	AA	0.47 μF,50V,Electrolytic
C461	VCTYMN1CX472K	J	AA	0.0047 μF,16V
C471	VCEAZA1CW107M	J	AC	100 μF,16V,Electrolytic
C472	RC-GZA334AF1H	J	AA	0.33 μF,50V,Electrolytic
C481~484	RC-GZA225AF1H	J	AB	2.2 μF,50V,Electrolytic
C485	RC-GZA476AF1E	J	AB	47 μF,25V,Electrolytic
C486	VCTYMN1EF223Z	J	AA	0.022 μF,25V
C487	RC-GZA476AF1E	J	AB	47 μF,25V,Electrolytic
C488	VCTYMN1EF223Z	J	AA	0.022 μF,25V
C501~508	RC-GZA225AF1H	J	AB	2.2 μF,50V,Electrolytic
C509,510	RC-GZA106AF1H	J	AB	10 μF,50V,Electrolytic
C511,512	VCKYMN1HB101K	J	AA	100 pF,50V
C515,516	RC-GZA474AF1H	J	AA	0.47 μF,50V,Electrolytic
C517,518	RC-QZA184AFYJ	J	AC	0.18 μF,50V,Mylar
C521,522	VCFYDA1HA184J	J	AC	0.18 μF,50V,Thin Film
C523,524	VCFYDA1HA154J	J	AB	0.15 μF,50V,Polyester
C525,526	RC-GZA224AF1H	J	AA	0.22 μF,50V,Electrolytic
C527,528	VCQYKA1HM273J	J	AB	0.027 μF,50V,Mylar
C529,530	VCQYKA1HM153J	J	AB	0.015 μF,50V,Mylar
C531,532	VCQYKA1HM222J	J	AB	0.0022 μF,50V,Mylar
C533,534	VCQYKA1HM472J	J	AA	0.0047 μF,50V,Mylar
C535,536	RC-GZA225AF1H	J	AB	2.2 μF,50V,Electrolytic
C539~542	RC-GZA106AF1H	J	AB	10 μF,50V,Electrolytic
C543	RC-GZA476AF1C	J	AB	47 μF,16V,Electrolytic
C545,546	RC-GZA105AF1H	J	AB	1 μF,50V,Electrolytic
C547,548	RC-GZA475AF1H	J	AB	4.7 μF,50V,Electrolytic
C549,550	RC-GZA105AF1H	J	AB	1 μF,50V,Electrolytic
C551,552	RC-GZA106AF1H	J	AB	10 μF,50V,Electrolytic
C553,554	RC-GZA105AF1H	J	AB	1 μF,50V,Electrolytic
C555,556	RC-GZA476AF1C	J	AB	47 μF,16V,Electrolytic
C557~559	RC-GZA225AF1H	J	AB	2.2 μF,50V,Electrolytic
C560	VCTYMN1EF223Z	J	AA	0.022 μF,25V
C561,562	VCTYMN1CX682K	J	AA	0.0068 μF,16V
C563,564	VCTYMN1CY822K	J	AA	0.0082 μF,16V
C565,566	VCTYMN1CX272K	J	AA	0.0027 μF,16V
C567,568	RC-GZA225AF1H	J	AB	2.2 μF,50V,Electrolytic
C569,570	VCKYMN1HB681K	J	AA	680 pF,50V
C571,572	VCKYMN1HB271K	J	AA	270 pF,50V
C573,574	RC-GZA225AF1H	J	AB	2.2 μF,50V,Electrolytic
C575~578	VCTYMN1EF223Z	J	AA	0.022 μF,25V
C579	VCEAZA1CW107M	J	AC	100 μF,16V,Electrolytic
C581,582	RC-GZA106AF1H	J	AB	10 μF,50V,Electrolytic
C601,602	RC-GZA474AF1H	J	AA	0.47 μF,50V,Electrolytic [CD-K5W Only]
C604	RC-GZA225AF1H	J	AB	2.2 μF,50V,Electrolytic [CD-K5W Only]
C605	VCKYPA1HB271K	J	AA	270 pF,50V [CD-K5W Only]
C606	RC-GZA104AF1H	J	AB	0.1 μF,50V,Electrolytic [CD-K5W Only]
C608	RC-GZA225AF1H	J	AB	2.2 μF,50V,Electrolytic [CD-K5W Only]
C609	VCKYPA1HB271K	J	AA	270 pF,50V [CD-K5W Only]
C610	RC-GZA225AF1H	J	AB	2.2 μF,50V,Electrolytic [CD-K5W Only]
C611	RC-GZA104AF1H	J	AB	0.1 μF,50V,Electrolytic [CD-K5W Only]

CD-C5W/CD-K5W,CP-C5W

NO.	PART CODE	★	PRICE RANK	DESCRIPTION	NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
C612	VCTYPA1CX822K	J	AA	0.0082 μF,16V [CD-K5W Only]	C990	VCKYPA1HF223Z	J	AB	0.022 μF,50V
C613	VCQYKA1HM683J	J	AB	0.068 μF,50V,Mylar [CD-K5W Only]	C991,992	RC-GZV476AF2A	J	AC	47 μF,100V,Electrolytic
C614	RC-QZA224AFYJ	J	AB	0.22 μF,50V,Mylar [CD-K5W Only]	C994	VCEAZA1HW107M	J	AC	100 μF,50V,Electrolytic
C615	VCEAZA1AW227M	J	AC	220 μF,10V,Electrolytic [CD-K5W Only]	C995,996	RC-EZ1681AFZZ	J	AH	3300 μF,63V,Electrolytic
C616,617	RC-GZA154AF1H	J	AA	0.15 μF,50V,Electrolytic [CD-K5W Only]	C997	VCEAZA1HW476M	J	AB	47 μF,50V,Electrolytic
C618	VCQYKA1HM103J	J	AB	0.01 μF,50V,Mylar [CD-K5W Only]	CD01,02	RC-GZA105AF1H	J	AB	1 μF,50V,Electrolytic
C619	VCKYPA1HB101K	J	AA	100 pF,50V [CD-K5W Only]	CD03,04	VCKYMN1HB471K	J	AA	470 pF,50V
C620-623	RC-GZA225AF1H	J	AB	2.2 μF,50V,Electrolytic [CD-K5W Only]	CD05	VCKYMN1HB331K	J	AA	330 pF,50V
C624	RC-GZA104AF1H	J	AB	0.1 μF,50V,Electrolytic [CD-K5W Only]	CD06	VCKYBT1HB331K	J	AA	330 pF,50V
C625	VCTYPA1CX822K	J	AA	0.0082 μF,16V [CD-K5W Only]	CD07,08	VCKYMN1HB331K	J	AA	330 pF,50V
C626	RC-GZA104AF1H	J	AB	0.1 μF,50V,Electrolytic [CD-K5W Only]	CD9-11	RC-GZA105AF1H	J	AB	1 μF,50V,Electrolytic
C627	VCQYKA1HM223J	J	AB	0.022 μF,50V,Mylar [CD-K5W Only]	CD12,13	RC-GZA224AF1H	J	AA	0.22 μF,50V,Electrolytic
C628	VCQYKA1HM823J	J	AC	0.082 μF,50V,Mylar [CD-K5W Only]	CD14-18	RC-GZA106AF1C	J	AB	10 μF,16V,Electrolytic
C629	VCQYKA1HM683J	J	AB	0.068 μF,50V,Mylar [CD-K5W Only]	CD19,20	VCKYMN1HB151K	J	AA	150 pF,50V
C630	RC-QZA224AFYJ	J	AB	0.22 μF,50V,Mylar [CD-K5W Only]	CD21	RC-GZA476AF1E	J	AB	47 μF,25V,Electrolytic
C631	VCKYPA1HF223Z	J	AB	0.022 μF,50V [CD-K5W Only]	CD31,32	RC-GZA225AF1H	J	AB	2.2 μF,50V,Electrolytic
C632	RC-GZA107AF1A	J	AB	100 μF,10V,Electrolytic [CD-K5W Only]	CD33,34	VCKYMN1HB151K	J	AA	150 pF,50V
C633	RC-GZA225AF1H	J	AB	2.2 μF,50V,Electrolytic [CD-K5W Only]	CD35,36	RC-GZA107AF1A	J	AB	100 μF,10V,Electrolytic
C634	VCQYKA1HM823J	J	AC	0.082 μF,50V,Mylar [CD-K5W Only]	CD37,38	RC-GZA106AF1C	J	AB	10 μF,16V,Electrolytic
C672	RC-GZA476AF1E	J	AB	47 μF,25V,Electrolytic [CD-K5W Only]	CD39,40	RC-GZA104AF1H	J	AB	0.1 μF,50V,Electrolytic
C673	VCKYPA1HF223Z	J	AB	0.022 μF,50V [CD-K5W Only]	CD41,42	RC-GZA226AF1E	J	AB	22 μF,25V,Electrolytic
C674	RC-GZA476AF1E	J	AB	47 μF,25V,Electrolytic [CD-K5W Only]	CD43,44	VCTYMN1CY103N	J	AA	0.01 μF,16V
C677	RC-GZA476AF1E	J	AB	47 μF,25V,Electrolytic [CD-K5W Only]	CD45	RC-GZA476AF1E	J	AB	47 μF,25V,Electrolytic
C701	VCTYBT1EF223Z	J	AA	0.022 μF,25V	CD46	RC-GZA106AF1H	J	AB	10 μF,50V,Electrolytic
C702	RC-GZA107AF1A	J	AB	100 μF,10V,Electrolytic	CD51,52	RC-GZA105AF1H	J	AB	1 μF,50V,Electrolytic
C705-708	VCKYTV1HB102K	J	AA	0.001 μF,50V	CH07,08	RC-GZA225AF1H	J	AB	2.2 μF,50V,Electrolytic
C709	VCCSTV1HL151J	J	AA	150 pF,50V	CH09,10	VCKYPA1HB471K	J	AA	470 pF,50V
C710	VCEAZA0JW227M	J	AC	220 μF,6.3V,Electrolytic	CH11,12	VCCSPA1HL470J	J	AA	47 pF,50V
C711	VCKYTV1HF223Z	J	AA	0.022 μF,50V	CH13,14	VCCSPA1HL150J	J	AA	15 pF,50V
C715-718	VCKYBT1HB151K	J	AA	150 pF,50V	CH17,18	VCKYPA1HF223Z	J	AB	0.022 μF,50V
C728-730	RC-GZA105AF1H	J	AB	1 μF,50V,Electrolytic	CH21-24	VCQYKA1HM104J	J	AC	0.1 μF,50V,Mylar
C732-741	VCCSTV1HL221J	J	AA	220 pF,50V	CH35,36	VCEAZA1HW476M	J	AB	47 μF,50V,Electrolytic
C782	VCEAZA1HW476M	J	AB	47 μF,50V,Electrolytic	CH87,88	VCEAZA1HW476M	J	AB	47 μF,50V,Electrolytic
C820	VCTYBT1EF223Z	J	AA	0.022 μF,25V	CH89,90	VCEAZA1HW107M	J	AC	100 μF,50V,Electrolytic
C821,822	RC-GZA476AF1E	J	AB	47 μF,25V,Electrolytic	CH97	VCEAZA1HW476M	J	AB	47 μF,50V,Electrolytic
C823	VCTYMN1EF223Z	J	AA	0.022 μF,25V	CM01	RC-GZA476AF1E	J	AB	47 μF,25V,Electrolytic
C824	RC-GZA476AF1E	J	AB	47 μF,25V,Electrolytic	CM02	RC-GZA336AF1C	J	AB	33 μF,16V,Electrolytic
C825	VCEAZA1EW227M	J	AC	220 μF,25V,Electrolytic	CP01,02	RC-GZA225AF1H	J	AB	2.2 μF,50V,Electrolytic
C826	VCTYMN1EF223Z	J	AA	0.022 μF,25V	CP07,08	VCFYHA1HA124J	J	AB	0.12 μF,50V,Thin Film
C827	RC-GZA476AF1E	J	AB	47 μF,25V,Electrolytic	CP09,10	VCFYHA1HA334J	J	AC	0.33 μF,50V,Thin Film
C830	RC-GZW478AF1E	J	AG	4700 μF,25V,Electrolytic	CP11,12	VCKYMN1HB102K	J	AA	0.001 μF,50V
C831	VCTYBT1EF223Z	J	AA	0.022 μF,25V	CP13,14	RC-GZA475AF1H	J	AB	4.7 μF,50V,Electrolytic
C832	RC-GZA226AF1E	J	AB	22 μF,25V,Electrolytic	CP15,16	VCKYMN1HB102K	J	AA	0.001 μF,50V
C833	RC-GZA476AF1E	J	AB	47 μF,25V,Electrolytic	CP17	VCQYKA1HM473J	J	AB	0.047 μF,50V,Mylar
C851-854	VCQYKA1HM473J	J	AB	0.047 μF,50V,Mylar	CP18	RC-GZA476AF1E	J	AB	47 μF,25V,Electrolytic
C855,856	VCEAZA1HW476M	J	AB	47 μF,50V,Electrolytic	CP19,20	RC-GZA225AF1H	J	AB	2.2 μF,50V,Electrolytic
C857	VCEAZA1VW107M	J	AC	100 μF,35V,Electrolytic	CP25	VCFYHA1HA124J	J	AB	0.12 μF,50V,Thin Film
C858	VCEAZV1HW227M	J	AD	220 μF,50V,Electrolytic	CP27	VCFYHA1HA334J	J	AC	0.33 μF,50V,Thin Film
C859	RC-GZV227AF1J	J	AD	220 μF,63V,Electrolytic	CP29,30	VCKYMN1HB101K	J	AA	100 pF,50V
C860	VCEAZV1HW227M	J	AD	220 μF,50V,Electrolytic	CP31,32	RC-GZA475AF1H	J	AB	4.7 μF,50V,Electrolytic
C861	RC-GZV227AF1J	J	AD	220 μF,63V,Electrolytic	CP33,34	VCKYMN1HB102K	J	AA	0.001 μF,50V
C867,868	VCQYKA1HM473J	J	AB	0.047 μF,50V,Mylar	CP35	VCTYBT1EF223Z	J	AA	0.022 μF,25V
C907,908	RC-GZA225AF1H	J	AB	2.2 μF,50V,Electrolytic	CP36	RC-GZA476AF1E	J	AB	47 μF,25V,Electrolytic
C911,912	VCCSMN1HL470J	J	AA	47 pF,50V	CS01,02	RC-GZA225AF1H	J	AB	2.2 μF,50V,Electrolytic
C913,914	VCCSMN1HL330J	J	AA	33 pF,50V	CS03,04	VCCSPA1HL470J	J	AA	47 pF,50V
C917,918	VCQYKA1HM223J	J	AB	0.022 μF,50V,Mylar	CS05,06	RC-GZA476AF1E	J	AB	47 μF,25V,Electrolytic
C921-924	VCQYKA1HM104J	J	AC	0.1 μF,50V,Mylar	CS07,08	VCCSPA1HL470J	J	AA	47 pF,50V
C935,936	VCEAZA1HW476M	J	AB	47 μF,50V,Electrolytic	CS09,10	RC-GZA106AF1H	J	AB	10 μF,50V,Electrolytic
C937,938	VCKYBT1HB101K	J	AA	100 pF,50V	CS11,12	RC-GZA476AF1E	J	AB	47 μF,25V,Electrolytic
C970	RC-GZA476AF1E	J	AB	47 μF,25V,Electrolytic	CS13	VCTYBT1EF223Z	J	AA	0.022 μF,25V
C983,984	VCEAZA1HW476M	J	AB	47 μF,50V,Electrolytic	CS14,15	VCFYHA1HA104J	J	AB	0.1 μF,50V,Thin Film
C985,986	RC-EZ1632AFZZ	J	AL	4700 μF,50V,Electrolytic	CS16-19	RC-GZA106AF1H	J	AB	10 μF,50V,Electrolytic
C988	RC-GZA106AF1H	J	AB	10 μF,50V,Electrolytic	CS20	VCEAZA1CW227M	J	AC	220 μF,16V,Electrolytic
C989	VCEAZA1EW227M	J	AC	220 μF,50V,Electrolytic	CS21	RC-GZA106AF1H	J	AB	10 μF,50V,Electrolytic
					CS22	VCEAZA1CW227M	J	AC	220 μF,16V,Electrolytic
					CS23	RC-GZA225AF1H	J	AB	2.2 μF,50V,Electrolytic
					CS24,25	RC-GZA106AF1H	J	AB	10 μF,50V,Electrolytic
					CS26	RC-GZA334AF1H	J	AA	0.33 μF,50V,Electrolytic
					CS27	RC-GZA474AF1H	J	AA	0.47 μF,50V,Electrolytic
					CS28	VCQYKA1HM823J	J	AC	0.082 μF,50V,Mylar
					CS29	VCQYKA1HM332J	J	AB	0.0033 μF,50V,Mylar
					CS30	VCQYKA1HM823J	J	AC	0.082 μF,50V,Mylar
					CS31	VCEAZA1CW227M	J	AC	220 μF,16V,Electrolytic
					CS32	VCCSPA1HL681J	J	AA	680 pF,50V
					CS33	VCFYHA1HA473J	J	AB	0.047 μF,50V,Thin Film
					CS34	VCQYKA1HM223J	J	AB	0.022 μF,50V,Mylar
					CS35	RC-GZA474AF1H	J	AA	0.47 μF,50V,Electrolytic
					CS36	RC-GZA476AF1C	J	AB	47 μF,16V,Electrolytic
					CS37,38	VCFYHA1HA104J	J	AB	0.1 μF,50V,Thin Film
					CS39	RC-GZA474AF1H	J	AA	0.47 μF,50V,Electrolytic
					CS40	RC-GZA475AF1H	J	AB	4.7 μF,50V,Electrolytic
					CS41	RC-GZA474AF1H	J	AA	0.47 μF,50V,Electrolytic

CD-C5W/CD-K5W,CP-C5W

NO.	PART CODE	★	PRICE RANK	DESCRIPTION
CS42	RC-GZA475AF1H	J	AB	4.7 μF,50V,Electrolytic
CS43	RC-GZA154AF1H	J	AA	0.15 μF,50V,Electrolytic
CS44	RC-GZA335AF1H	J	AB	3.3 μF,50V,Electrolytic
CS45,46	RC-GZA154AF1H	J	AA	0.15 μF,50V,Electrolytic
CS47	RC-GZA335AF1H	J	AB	3.3 μF,50V,Electrolytic
CS48	RC-GZA154AF1H	J	AA	0.15 μF,50V,Electrolytic
CS49	RC-GZA475AF1H	J	AB	4.7 μF,50V,Electrolytic
CS50	RC-GZA474AF1H	J	AA	0.47 μF,50V,Electrolytic
CS51	RC-GZA475AF1H	J	AB	4.7 μF,50V,Electrolytic
CS52	RC-GZA474AF1H	J	AA	0.47 μF,50V,Electrolytic
CS53	VCEAZA1CW227M	J	AC	220 μF,16V,Electrolytic
CS55,56	RC-GZA106AF1H	J	AB	10 μF,50V,Electrolytic
CS57	VCQYKA1HM223J	J	AB	0.022 μF,50V,Mylar
CS58	RC-GZA224AF1H	J	AA	0.22 μF,50V,Electrolytic
CS59	VCQYKA1HM272J	J	AB	0.0027 μF,50V,Mylar
CS60	RC-GZA225AF1H	J	AB	2.2 μF,50V,Electrolytic
CS62-64	RC-GZA225AF1H	J	AB	2.2 μF,50V,Electrolytic
CS65	RC-GZA474AF1H	J	AA	0.47 μF,50V,Electrolytic
CS66,67	VCQYKA1HM223J	J	AB	0.022 μF,50V,Mylar
CS68	VCQYKA1HM472J	J	AA	0.0047 μF,50V,Mylar
CS69	RC-GZA474AF1H	J	AA	0.47 μF,50V,Electrolytic
CS70,71	VCQYKA1HM223J	J	AB	0.022 μF,50V,Mylar
CS72	VCQYKA1HM472J	J	AA	0.0047 μF,50V,Mylar
CS73	RC-GZA474AF1H	J	AA	0.47 μF,50V,Electrolytic
CS74,75	VCQYKA1HM223J	J	AB	0.022 μF,50V,Mylar
CS76	RC-GZA474AF1H	J	AA	0.47 μF,50V,Electrolytic
CS77	VCQYKA1HM223J	J	AB	0.022 μF,50V,Mylar
CS78-82	RC-GZA225AF1H	J	AB	2.2 μF,50V,Electrolytic
CS83	VCQYKA1HM102J	J	AB	0.001 μF,50V,Mylar
CS84	VCQYKA1HM123J	J	AB	0.012 μF,50V,Mylar
CS85	VCQYKA1HM823J	J	AC	0.082 μF,50V,Mylar
CS86	RC-GZA476AF1E	J	AB	47 μF,25V,Electrolytic
CS87	VCTYBT1EF223Z	J	AA	0.022 μF,25V
CS88-90	VCKYPA1HB101K	J	AA	100 pF,50V
CS91	RC-EZ0004AWZZ	J	AD	3.3 μF,16V,Electrolytic
CS92	RC-GZA476AF1E	J	AB	47 μF,25V,Electrolytic
CS93	VCQYKA1HM223J	J	AB	0.022 μF,50V,Mylar
CS94	VCTYBT1EF223Z	J	AA	0.022 μF,25V
CT01-04	VCKYMN1HB391K	J	AA	390 pF,50V
CT01A	VCCCMN1HH180J	J	AA	18 pF (CH),50V
CT02A	VCTYMN1CY103K	J	AA	0.01 μF,16V
CT03A	VCCSMN1HL4R7C	J	AA	4.7 pF,50V
CT04A	VCKYMN1HB102K	J	AA	0.001 μF,50V
CT05	VCKYPA1HF223Z	J	AB	0.022 μF,50V
CT05A	VCCUMN1HJ6R8D	J	AB	6.8 pF (UJ),50V
CT06	VCTYMN1EF223Z	J	AA	0.022 μF,25V
CT07	VCKYMN1HB102K	J	AA	0.001 μF,50V
CT08,09	VCTYMN1CX472K	J	AA	0.0047 μF,16V
CT10	VCTYMN1EF223Z	J	AA	0.022 μF,25V
CT11	VCCCMN1HH150J	J	AA	15 pF (CH),50V
CT12	VCCSMN1HL330J	J	AA	33 pF,50V
CT13	VCCUMN1HJ3R9K	J	AA	3.9 pF (UJ),50V
CT14	VCCCMN1HH220J	J	AA	22 pF (CH),50V
CT15	VCTYMN1EF223Z	J	AA	0.022 μF,25V
CT16	RC-GZA106AF1C	J	AB	10 μF,16V,Electrolytic
CT19-21	RC-GZA475AF1H	J	AB	4.7 μF,50V,Electrolytic
CT23	VCKYMN1CX222K	J	AA	0.0022 μF,16V
CT24	RC-GZA106AF1H	J	AB	10 μF,50V,Electrolytic
CT25	VCTYBT1CX562M	J	AA	0.0056 μF,16V
CT26	VCTYMN1CX562K	J	AA	0.0056 μF,16V
CT27,28	RC-GZA106AF1H	J	AB	10 μF,50V,Electrolytic
CT31	VCEAZA1CW107M	J	AC	100 μF,16V,Electrolytic
CT32	RC-GZA476AF1E	J	AB	47 μF,25V,Electrolytic
CT33,34	VCTYMN1EF223Z	J	AA	0.022 μF,25V
CT35,36	VCCSMN1HL470J	J	AA	47 pF,50V

RESISTORS

	VRD-MN2BD000C	J	AA	0 ohm,Jumper,ø1.4×3.5mm,Ivory
	VRS-TV2AB000J	J	AA	0 ohm,Jumper,1.25×2mm,Green
R1	VRD-MN2BD100J	J	AA	10 ohm,1/8W
R2	VRD-MN2BD683J	J	AA	68 kohms,1/8W
R3,4	VRD-MN2BD823J	J	AA	82 kohms,1/8W
R5	VRD-MN2BD683J	J	AA	68 kohms,1/8W
R6,7	VRD-MN2BD823J	J	AA	82 kohms,1/8W
R8	VRD-MN2BD153J	J	AA	15 kohms,1/8W
R9	VRD-MN2BD104J	J	AA	100 kohm,1/8W
R10	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W
R11	VRD-ST2CD682J	J	AA	6.8 kohms,1/6W
R12	VRD-MN2BD101J	J	AA	100 ohm,1/8W
R13	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R14	VRD-MN2BD273J	J	AA	27 kohms,1/8W

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
R15	VRD-MN2BD123J	J	AA	12 kohms,1/8W
R16	VRD-MN2BD332J	J	AA	3.3 kohms,1/8W
R17	VRD-MN2BD333J	J	AA	33 kohms,1/8W
R18	VRD-MN2BD153J	J	AA	15 kohms,1/8W
R19,20	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R21,22	VRD-MN2BD223J	J	AA	22 kohms,1/8W
R23	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R24	VRD-MN2BD473J	J	AA	47 kohms,1/8W
R25	VRD-MN2BD152J	J	AA	1.5 kohms,1/8W
R26	VRD-MN2BD823J	J	AA	82 kohms,1/8W
R27	VRD-MN2BD393J	J	AA	39 kohms,1/8W
R28	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R29	VRD-MN2BD563J	J	AA	56 kohms,1/8W
R30	VRD-MN2BD682J	J	AA	6.8 kohms,1/8W
R31	VRD-MN2BD122J	J	AA	1.2 kohms,1/8W
R32	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R33	VRD-MN2BD122J	J	AA	1.2 kohms,1/8W
R34	VRD-MN2BD223J	J	AA	22 kohms,1/8W
R35,36	VRD-MN2BD224J	J	AA	220 kohms,1/8W
R37	VRD-ST2CD823J	J	AA	82 kohms,1/6W
R38	VRD-MN2BD471J	J	AA	470 ohms,1/8W
R39	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R40	VRD-MN2BD562J	J	AA	5.6 kohms,1/8W
R41,42	VRD-MN2BD473J	J	AA	47 kohms,1/8W
R43	VRD-MN2BD563J	J	AA	56 kohms,1/8W
R44	VRD-MN2BD333J	J	AA	33 kohms,1/8W
R45	VRD-MN2BD472J	J	AA	4.7 kohms,1/8W
R46	VRD-MN2BD561J	J	AA	560 ohms,1/8W
R47	VRD-MN2BD104J	J	AA	100 kohm,1/8W
R48	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R49	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R50	VRD-MN2BD681J	J	AA	680 ohms,1/8W
R51	VRD-ST2CD335J	J	AA	3.3 Mohms,1/6W
R52	VRD-MN2BD273J	J	AA	27 kohms,1/8W
R53	VRD-MN2BD122J	J	AA	1.2 kohms,1/8W
R54	VRD-ST2CD331J	J	AA	330 ohms,1/6W
R55	VRD-MN2BD151J	J	AA	150 ohms,1/8W
R56,57	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R58,59	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R60-62	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R63	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R64	VRD-MN2BD220J	J	AA	22 ohms,1/8W
R66	VRD-MN2BD331J	J	AA	330 ohms,1/8W
R71,72	VRD-MN2BD272J	J	AA	2.7 kohms,1/8W
R73,74	VRD-MN2BD681J	J	AA	680 ohms,1/8W
R80	VRD-MN2BD392J	J	AA	3.9 kohms,1/8W
R81	VRD-MN2BD272J	J	AA	2.7 kohms,1/8W
R82	VRD-MN2BD105J	J	AA	1 Mohm,1/8W
R83,84	VRD-ST2EE1R0J	J	AA	1 ohm,1/4W
R85	VRD-MN2BD272J	J	AA	2.7 kohms,1/8W
R86	VRD-MN2BD822J	J	AA	8.2 kohms,1/8W
R87	VRD-MN2BD332J	J	AA	3.3 kohms,1/8W
R88-92	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R101,102	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R103,104	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W
R105,106	VRD-MN2BD332J	J	AA	3.3 kohms,1/8W
R107,108	VRD-MN2BD104J	J	AA	100 kohm,1/8W
R109	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R110	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R111,112	VRD-ST2CD153J	J	AA	15 kohms,1/6W
R113	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R114,115	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R117,118	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R119,120	VRD-ST2CD560J	J	AA	56 ohms,1/6W
R121,122	VRD-MN2BD104J	J	AA	100 kohm,1/8W
R123,124	VRD-MN2BD392J	J	AA	3.9 kohms,1/8W
R125	VRD-ST2CD562J	J	AA	5.6 kohms,1/6W
R126-128	VRD-MN2BD562J	J	AA	5.6 kohms,1/8W
R129,130	VRD-MN2BD682J	J	AA	6.8 kohms,1/8W
R131,132	VRD-MN2BD224J	J	AA	220 kohms,1/8W
R133	VRD-ST2CD223J	J	AA	22 kohms,1/6W
R134	VRD-MN2BD683J	J	AA	68 kohms,1/8W
R135,136	VRD-ST2CD332J	J	AA	3.3 kohms,1/6W
R137,138	VRD-ST2CD682J	J	AA	6.8 kohms,1/6W
R139,140	VRD-MN2BD101J	J	AA	100 ohm,1/8W
R141	VRD-ST2CD1R0J	J	AA	1 ohm,1/6W
R145	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R148	VRD-ST2EE221J	J	AA	220 ohms,1/4W
R149,150	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R152	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R153	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R154	VRD-MN2BD103J	J	AA	10 kohm,1/8W

CD-C5W/CD-K5W,CP-C5W

NO.	PART CODE	★	PRICE RANK	DESCRIPTION	NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
R155,156	VRD-MN2BD153J	J	AA	15 kohms,1/8W	R371~374	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R157	VRD-MN2BD472J	J	AA	4.7 kohms,1/8W	R376	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R158	VRD-ST2EE221J	J	AA	220 ohms,1/4W	R377	VRD-ST2CD473J	J	AA	47 kohms,1/6W
R160,161	VRD-ST2CD151J	J	AA	150 ohms,1/6W	R379	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W
R162,163	VRD-ST2CD104J	J	AA	100 kohm,1/6W	R380	VRD-MN2BD152J	J	AA	1.5 kohms,1/8W
R164,165	VRD-MN2BD472J	J	AA	4.7 kohms,1/8W	R381	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R166	VRD-ST2CD223J	J	AA	22 kohms,1/6W	R382	VRD-ST2EE151J	J	AA	150 ohms,1/4W
R167	VRD-MN2BD473J	J	AA	47 kohms,1/8W	R383~385	VRD-MN2BD562J	J	AA	5.6 kohms,1/8W
R168	VRD-MN2BD472J	J	AA	4.7 kohms,1/8W	R387	VRD-MN2BD223J	J	AA	22 kohms,1/8W
R169	VRD-MN2BD103J	J	AA	10 kohm,1/8W	R390	VRD-ST2CD823J	J	AA	82 kohms,1/6W
R172	VRD-MN2BD102J	J	AA	1 kohm,1/8W	R391,392	VRD-ST2EE391J	J	AA	390 ohms,1/4W
R173,174	VRD-MN2BD223J	J	AA	22 kohms,1/8W	R393	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R179,180	VRD-MN2BD392J	J	AA	3.9 kohms,1/8W	R395	VRD-ST2CD473J	J	AA	47 kohms,1/6W
R185,186	VRD-ST2EE330J	J	AA	33 ohms,1/4W	R396~398	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R189	VRD-ST2CD100J	J	AA	10 ohm,1/6W	R455,456	VRD-MN2BD104J	J	AA	100 kohm,1/8W
R190	VRD-MN2BD100J	J	AA	10 ohm,1/8W	R459	VRD-MN2BD104J	J	AA	100 kohm,1/8W
R191,192	VRD-MN2BD152J	J	AA	1.5 kohms,1/8W	R460	VRD-ST2CD104J	J	AA	100 kohm,1/6W
R193	VRD-MN2BD102J	J	AA	1 kohm,1/8W	R461,462	VRD-MN2BD104J	J	AA	100 kohm,1/8W
R195~198	VRD-MN2BD102J	J	AA	1 kohm,1/8W	R465	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R201,202	VRD-ST2CD103J	J	AA	10 kohm,1/6W	R466	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R204~206	VRD-MN2BD103J	J	AA	10 kohm,1/8W	R467	VRD-ST2CD681J	J	AA	680 ohms,1/6W
R207~209	VRD-ST2CD103J	J	AA	10 kohm,1/6W	R468,469	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R210	VRD-ST2CD473J	J	AA	47 kohms,1/6W	R470	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R211	VRD-ST2CD103J	J	AA	10 kohm,1/6W	R471,472	VRD-MN2BD104J	J	AA	100 kohm,1/8W
R215~217	VRD-MN2BD103J	J	AA	10 kohm,1/8W	R473,474	VRD-MN2BD103J	J	AA	10 kohm,1/8W
R218	VRD-MN2BD473J	J	AA	47 kohms,1/8W	R475	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W
R219	VRD-ST2CD103J	J	AA	10 kohm,1/6W	R477	VRD-ST2CD681J	J	AA	680 ohms,1/6W
R220	VRD-ST2CD473J	J	AA	47 kohms,1/6W	R479	VRD-MN2BD223J	J	AA	22 kohms,1/8W
R221	VRD-ST2CD103J	J	AA	10 kohm,1/6W	R480	VRD-MN2BD473J	J	AA	47 kohms,1/8W
R222	VRD-MN2BD103J	J	AA	10 kohm,1/8W	R481	VRD-MN2BD392J	J	AA	3.9 kohms,1/8W
R223~228	VRD-ST2CD103J	J	AA	10 kohm,1/6W	R482	VRD-ST2CD333J	J	AA	33 kohms,1/6W
R229,230	VRD-MN2BD151J	J	AA	150 ohms,1/8W	R483	VRD-MN2BD104J	J	AA	100 kohm,1/8W
R231	VRD-MN2BD102J	J	AA	1 kohm,1/8W	R484	VRD-MN2BD152J	J	AA	1.5 kohms,1/8W
R232	VRD-MN2BD101J	J	AA	100 ohm,1/8W	R487	VRD-MN2BD104J	J	AA	100 kohm,1/8W
R233,234	VRD-MN2BD103J	J	AA	10 kohm,1/8W	R488	VRD-MN2BD472J	J	AA	4.7 kohms,1/8W
R235	VRD-MN2BD102J	J	AA	1 kohm,1/8W	R490	VRD-MN2BD472J	J	AA	4.7 kohms,1/8W
R236	VRD-MN2BD332J	J	AA	3.3 kohms,1/8W	R491	VRD-MN2BD152J	J	AA	1.5 kohms,1/8W
R237	VRD-MN2BD102J	J	AA	1 kohm,1/8W	R492	VRD-MN2BD472J	J	AA	4.7 kohms,1/8W
R238	VRD-ST2CD104J	J	AA	100 kohm,1/6W	R493	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R239	VRD-MN2BD820J	J	AA	82 ohms,1/8W	R498	VRD-MN2BD472J	J	AA	4.7 kohms,1/8W
R240	VRD-MN2BD103J	J	AA	10 kohm,1/8W	R501,502	VRD-MN2BD564J	J	AA	560 kohms,1/8W
R256	VRD-MN2BD102J	J	AA	1 kohm,1/8W	R503,504	VRD-MN2BD153J	J	AA	15 kohms,1/8W
R257,258	VRD-MN2BD103J	J	AA	10 kohm,1/8W	R505,506	VRD-MN2BD182J	J	AA	1.8 kohms,1/8W
R302	VRD-ST2CD820J	J	AA	82 ohms,1/6W	R509~511	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R310	VRD-MN2BD223J	J	AA	22 kohms,1/8W	R512	VRD-MN2BD564J	J	AA	560 kohms,1/8W
R311	VRD-MN2BD104J	J	AA	100 kohm,1/8W	R513,514	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R312	VRD-MN2BD333J	J	AA	33 kohms,1/8W	R515	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R313	VRD-MN2BD223J	J	AA	22 kohms,1/8W	R516	VRD-MN2BD102J	J	AA	1 kohm,1/8W
R314	VRD-MN2BD332J	J	AA	3.3 kohms,1/8W	R517,518	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R315	VRD-ST2CD223J	J	AA	22 kohms,1/6W	R521,522	VRD-ST2CD102J	J	AA	1 kohm,1/6W
R316	VRD-MN2BD223J	J	AA	22 kohms,1/8W	R523,524	VRD-ST2CD102J	J	AA	1 kohm,1/6W [CD-K5W Only]
R317	VRD-MN2BD103J	J	AA	10 kohm,1/8W	R553	VRD-ST2CD153J	J	AA	15 kohms,1/6W
R318	VRD-MN2BD152J	J	AA	1.5 kohms,1/8W	R554	VRD-MN2BD474J	J	AA	470 kohms,1/8W
R319	VRD-ST2CD104J	J	AA	100 kohm,1/6W	R555	VRD-MN2BD274J	J	AA	270 kohms,1/8W
R320	VRD-MN2BD103J	J	AA	10 kohm,1/8W	R556	VRD-ST2CD563J	J	AA	56 kohms,1/6W
R321,322	VRD-MN2BD562J	J	AA	5.6 kohms,1/8W	R557	VRD-MN2BD474J	J	AA	470 kohms,1/8W
R323	VRD-MN2BD683J	J	AA	68 kohms,1/8W	R558	VRD-ST2CD104J	J	AA	100 kohm,1/6W
R324	VRD-MN2BD104J	J	AA	100 kohm,1/8W	R559	VRD-ST2CD225J	J	AA	2.2 Mohms,1/6W
R325	VRD-MN2BD563J	J	AA	56 kohms,1/8W	R560	VRD-MN2BD225J	J	AA	2.2 Mohms,1/8W
R326	VRD-MN2BD102J	J	AA	1 kohm,1/8W	R561	VRD-MN2BD104J	J	AA	100 kohm,1/8W
R327	VRD-MN2BD562J	J	AA	5.6 kohms,1/8W	R562	VRD-MN2BD183J	J	AA	18 kohms,1/8W
R328	VRD-MN2BD103J	J	AA	10 kohm,1/8W	R563	VRD-MN2BD223J	J	AA	22 kohms,1/8W
R329	VRD-MN2BD104J	J	AA	100 kohm,1/8W	R564	VRD-MN2BD684J	J	AA	680 kohms,1/8W
R330	VRD-ST2CD102J	J	AA	1 kohm,1/6W	R565	VRD-ST2CD224J	J	AA	220 kohms,1/6W
R338,339	VRD-ST2CD471J	J	AA	470 ohms,1/6W	R566	VRD-MN2BD104J	J	AA	100 kohm,1/8W
R340	VRD-ST2CD221J	J	AA	220 ohms,1/6W	R567	VRD-ST2CD123J	J	AA	12 kohms,1/6W
R341~343	VRD-MN2BD473J	J	AA	47 kohms,1/8W	R568	VRD-ST2CD683J	J	AA	68 kohms,1/6W
R350	VRD-MN2BD272J	J	AA	2.7 kohms,1/8W	R569	VRD-MN2BD394J	J	AA	390 kohms,1/8W
R351	VRD-MN2BD562J	J	AA	5.6 kohms,1/8W	R570	VRD-MN2BD224J	J	AA	220 kohms,1/8W
R352	VRD-MN2BD102J	J	AA	1 kohm,1/8W	R571	VRD-MN2BD104J	J	AA	100 kohm,1/8W
R353	VRD-MN2BD271J	J	AA	270 ohms,1/8W	R572	VRD-MN2BD474J	J	AA	470 kohms,1/8W
R354	VRD-ST2CD472J	J	AA	4.7 kohms,1/6W	R573	VRD-MN2BD123J	J	AA	12 kohms,1/8W
R355	VRD-MN2BD332J	J	AA	3.3 kohms,1/8W	R574	VRD-MN2BD393J	J	AA	39 kohms,1/8W
R356	VRD-MN2BD102J	J	AA	1 kohm,1/8W	R575	VRD-ST2CD224J	J	AA	220 kohms,1/6W
R357	VRD-ST2CD474J	J	AA	470 kohms,1/6W	R576	VRD-MN2BD104J	J	AA	100 kohm,1/8W
R358	VRD-MN2BD822J	J	AA	8.2 kohms,1/8W	R577	VRD-MN2BD394J	J	AA	390 kohms,1/8W
R359	VRD-MN2BD182J	J	AA	1.8 kohms,1/8W	R578	VRD-ST2CD103J	J	AA	10 kohm,1/6W
R360	VRD-MN2BD472J	J	AA	4.7 kohms,1/8W	R579	VRD-MN2BD333J	J	AA	33 kohms,1/8W
R361,362	VRD-MN2BD332J	J	AA	3.3 kohms,1/8W	R580	VRD-ST2CD224J	J	AA	220 kohms,1/6W
R365,366	VRD-MN2BD103J	J	AA	10 kohm,1/8W	R581	VRD-MN2BD104J	J	AA	100 kohm,1/8W
R367	VRD-MN2BD102J	J	AA	1 kohm,1/8W	R582	VRD-ST2CD331J	J	AA	330 ohms,1/6W
R368	VRD-ST2CD333J	J	AA	33 kohms,1/6W	R583	VRD-ST2CD221J	J	AA	220 ohms,1/6W

CD-C5W/CD-K5W,CP-C5W

NO.	PART CODE	★ PRICE RANK	DESCRIPTION	NO.	PARTS CODE	★ PRICE RANK	DESCRIPTION
R591,592	VRD-ST2CD222J	J AA	2.2 kohms,1/6W	R796	VRD-ST2CD102J	J AA	1 kohm,1/6W
R595,596	VRD-ST2CD222J	J AA	2.2 kohms,1/6W	R797	VRS-TQ2BB102J	J AA	1 kohm,1/8W
R601,602	VRD-ST2CD562J	J AA	5.6 kohms,1/6W [CD-K5W Only]	R798,799	VRS-TV2AB822J	J AA	8.2 kohms,1/10W
R603	VRD-ST2CD102J	J AA	1 kohm,1/6W [CD-K5W Only]	R820	VRD-ST2CD470J	J AA	47 ohms,1/6W
R604,605	VRD-ST2CD154J	J AA	150 kohms,1/6W [CD-K5W Only]	R821	VRD-ST2CD103J	J AA	10 kohm,1/6W
R606	VRD-ST2CD153J	J AA	15 kohms,1/6W [CD-K5W Only]	R822	VRD-ST2EE561J	J AA	560 ohms,1/4W
R607	VRD-ST2CD103J	J AA	10 kohm,1/6W [CD-K5W Only]	R823,824	VRD-ST2CD470J	J AA	47 ohms,1/6W
R608	VRD-ST2CD153J	J AA	15 kohms,1/6W [CD-K5W Only]	R825	VRD-MN2BD102J	J AA	1 kohm,1/8W
R609	VRD-ST2CD330J	J AA	33 ohms,1/6W [CD-K5W Only]	R826	VRD-ST2EE561J	J AA	560 ohms,1/4W
R610,611	VRD-ST2CD102J	J AA	1 kohm,1/6W [CD-K5W Only]	△ R827	VRG-ST2EC220J	J AB	22 ohms,1/4W,Fusible
R612	VRD-ST2CD563J	J AA	56 kohms,1/6W [CD-K5W Only]	R828	VRD-ST2EE101J	J AA	100 ohm,1/4W
R614	VRD-ST2CD393J	J AA	39 kohms,1/6W [CD-K5W Only]	R829	VRD-ST2EE152J	J AA	1.5 kohms,1/4W
R615	VRD-ST2CD332J	J AA	3.3 kohms,1/6W [CD-K5W Only]	R831	VRD-MN2BD223J	J AA	22 kohms,1/8W
R616	VRD-ST2CD153J	J AA	15 kohms,1/6W [CD-K5W Only]	R834	VRD-ST2CD102J	J AA	1 kohm,1/6W
R617	VRD-ST2CD103J	J AA	10 kohm,1/6W [CD-K5W Only]	R835	VRD-MN2BD333J	J AA	33 kohms,1/8W
R618	VRD-ST2CD153J	J AA	15 kohms,1/6W [CD-K5W Only]	R851	VRD-MN2BD123J	J AA	12 kohms,1/8W
R619	VRD-ST2CD223J	J AA	22 kohms,1/6W [CD-K5W Only]	R857	VRD-ST2CD222J	J AA	2.2 kohms,1/6W
R636	VRD-ST2CD102J	J AA	1 kohm,1/6W [CD-K5W Only]	R907,908	VRD-MN2BD563J	J AA	56 kohms,1/8W
R667	VRD-ST2CD101J	J AA	100 ohm,1/6W [CD-K5W Only]	R909,910	VRD-MN2BD102J	J AA	1 kohm,1/8W
R668	VRD-ST2CD122J	J AA	1.2 kohms,1/6W [CD-K5W Only]	R911,912	VRD-MN2BD563J	J AA	56 kohms,1/8W
R669,670	VRD-ST2EE221J	J AA	220 ohms,1/4W [CD-K5W Only]	R913,914	VRD-ST2EE331J	J AA	330 ohms,1/4W
R700	VRD-ST2EE390J	J AA	39 ohms,1/4W	R915,916	VRD-MN2BD102J	J AA	1 kohm,1/8W
R701~703	VRS-TV2AB103J	J AA	10 kohm,1/10W	R919,920	VRD-ST2CD472J	J AA	4.7 kohms,1/6W
R706,707	VRS-TV2AB102J	J AA	1 kohm,1/10W	R921~924	VRN-VV3DAR22J	J AC	0.22 ohms,2W
R708	VRD-ST2CD821J	J AA	820 ohms,1/6W	R925,926	VRD-ST2CD563J	J AA	56 kohms,1/6W
R709~712	VRS-TV2AB102J	J AA	1 kohm,1/10W	R927,928	VRD-RT2HD4R7J	J AA	4.7 ohms,1/2W
R713	VRD-ST2CD102J	J AA	1 kohm,1/6W	R933,934	VRS-VV3DA391J	J AC	390 ohms,2W
R714,715	VRS-TV2AB102J	J AA	1 kohm,1/10W	R939,940	VRD-ST2CD472J	J AA	4.7 kohms,1/6W
R716	VRD-ST2CD102J	J AA	1 kohm,1/6W	R941,942	VRD-ST2CD102J	J AA	1 kohm,1/6W
R717	VRS-TV2AB102J	J AA	1 kohm,1/10W	R971	VRD-ST2CD223J	J AA	22 kohms,1/6W
R718	VRD-ST2CD102J	J AA	1 kohm,1/6W	R972	VRD-MN2BD223J	J AA	22 kohms,1/8W
R719	VRS-TV2AB102J	J AA	1 kohm,1/10W	R973	VRD-MN2BD123J	J AA	12 kohms,1/8W
R720~723	VRS-TV2AB103J	J AA	10 kohm,1/10W	R974	VRD-MN2BD472J	J AA	4.7 kohms,1/8W
R724	VRS-TV2AB102J	J AA	1 kohm,1/10W	R975	VRD-ST2CD392J	J AA	3.9 kohms,1/6W
R725	VRS-TV2AB822J	J AA	8.2 kohms,1/10W	R976	VRD-ST2EE470J	J AA	47 ohms,1/4W
R726	VRD-ST2CD102J	J AA	1 kohm,1/6W	R977	VRD-MN2BD103J	J AA	10 kohm,1/8W
R727	VRD-ST2CD122J	J AA	1.2 kohms,1/6W	R978	VRD-ST2CD104J	J AA	100 kohm,1/6W
R728	VRS-TV2AB182J	J AA	1.8 kohms,1/10W	R979	VRD-MN2BD333J	J AA	33 kohms,1/8W
R729	VRS-TV2AB222J	J AA	2.2 kohms,1/10W	R985	VRS-VV3DA561J	J AC	560 ohms,2W
R730	VRS-TV2AB822J	J AA	8.2 kohms,1/10W	R987,988	VRD-MN2BD332J	J AA	3.3 kohms,1/8W
R731	VRD-ST2CD102J	J AA	1 kohm,1/6W	R989~992	VRD-RT2HD100J	J AA	10 ohm,1/2W
R732	VRS-TV2AB122J	J AA	1.2 kohms,1/10W	△ R993,994	VRG-ST2HC101J	J AB	100 ohm,1/2W,Fusible
R733	VRS-TV2AB182J	J AA	1.8 kohms,1/10W	R995	VRD-MN2BD183J	J AA	18 kohms,1/8W
R734	VRS-TV2AB222J	J AA	2.2 kohms,1/10W	R996	VRD-ST2CD473J	J AA	47 kohms,1/6W
R735	VRS-TV2AB392J	J AA	3.9 kohms,1/10W	R997	VRD-ST2CD332J	J AA	3.3 kohms,1/6W
R736	VRS-TV2AB562J	J AA	5.6 kohms,1/10W	R998	VRD-MN2BD563J	J AA	56 kohms,1/8W
R737	VRD-ST2CD822J	J AA	8.2 kohms,1/6W	RA01	VRD-ST2CD102J	J AA	1 kohm,1/6W
R740	VRS-TV2AB222J	J AA	2.2 kohms,1/10W	RA02~05	VRD-MN2BD102J	J AA	1 kohm,1/8W
R741	VRS-TV2AB182J	J AA	1.8 kohms,1/10W	RA06~10	VRD-ST2CD102J	J AA	1 kohm,1/6W
R742	VRS-TV2AB222J	J AA	2.2 kohms,1/10W	RA11~13	VRD-MN2BD102J	J AA	1 kohm,1/8W
R743	VRD-ST2CD822J	J AA	8.2 kohms,1/6W	RA14	VRD-ST2CD102J	J AA	1 kohm,1/6W
R744	VRD-ST2CD102J	J AA	1 kohm,1/6W	RA17	VRD-MN2BD821J	J AA	820 ohms,1/8W
R745	VRS-TV2AB122J	J AA	1.2 kohms,1/10W	RA19~23	VRD-ST2CD102J	J AA	1 kohm,1/6W
R746	VRS-TV2AB182J	J AA	1.8 kohms,1/10W	RA24	VRD-MN2BD103J	J AA	10 kohm,1/8W
R747	VRS-TV2AB222J	J AA	2.2 kohms,1/10W	RA25~28	VRD-MN2BD102J	J AA	1 kohm,1/8W
R748	VRS-TV2AB392J	J AA	3.9 kohms,1/10W	RA29	VRD-MN2BD473J	J AA	47 kohms,1/8W
R749	VRS-TV2AB562J	J AA	5.6 kohms,1/10W	RA30~33	VRD-ST2CD102J	J AA	1 kohm,1/6W
R750	VRD-ST2CD822J	J AA	8.2 kohms,1/6W	RA34,35	VRD-MN2BD102J	J AA	1 kohm,1/8W
R751	VRS-TV2AB102J	J AA	1 kohm,1/10W	RA36,37	VRD-ST2CD102J	J AA	1 kohm,1/6W
R752	VRS-TV2AB122J	J AA	1.2 kohms,1/10W	RA38,39	VRD-MN2BD102J	J AA	1 kohm,1/8W
R753	VRS-TV2AB182J	J AA	1.8 kohms,1/10W	RA40	VRD-ST2CD102J	J AA	1 kohm,1/6W
R758	VRD-ST2CD822J	J AA	8.2 kohms,1/6W	RA41,42	VRD-MN2BD102J	J AA	1 kohm,1/8W
R759	VRS-TV2AB102J	J AA	1 kohm,1/10W	RA43	VRD-ST2CD472J	J AA	4.7 kohms,1/6W
R760	VRD-ST2CD122J	J AA	1.2 kohms,1/6W	RA44,45	VRD-MN2BD102J	J AA	1 kohm,1/8W
R761	VRD-ST2CD182J	J AA	1.8 kohms,1/6W [CD-K5W Only]	RA46,47	VRD-ST2CD102J	J AA	1 kohm,1/6W
R765	VRS-TV2AB102J	J AA	1 kohm,1/10W	RA48,49	VRD-MN2BD102J	J AA	1 kohm,1/8W
R766	VRS-TV2AB122J	J AA	1.2 kohms,1/10W	RA51	VRD-ST2CD102J	J AA	1 kohm,1/6W
R767	VRS-TV2AB182J	J AA	1.8 kohms,1/10W	RA52,53	VRD-MN2BD102J	J AA	1 kohm,1/8W
R768	VRS-TV2AB222J	J AA	2.2 kohms,1/10W	RA54	VRD-ST2CD102J	J AA	1 kohm,1/6W
R769	VRS-TV2AB392J	J AA	3.9 kohms,1/10W	RA55	VRD-MN2BD102J	J AA	1 kohm,1/8W
R770~772	VRS-TV2AB821J	J AA	820 ohms,1/10W	RA58	VRD-ST2CD101J	J AA	100 ohm,1/6W
R773	VRD-ST2CD102J	J AA	1 kohm,1/6W	RA59	VRD-MN2BD102J	J AA	1 kohm,1/8W
R774~777	VRD-ST2CD681J	J AA	680 ohms,1/6W	RA61	VRD-ST2CD102J	J AA	1 kohm,1/6W
R778~785	VRS-TV2AB102J	J AA	1 kohm,1/10W	RA62,63	VRD-MN2BD102J	J AA	1 kohm,1/8W
R786,787	VRS-TV2AB681J	J AA	680 ohms,1/10W	RA64,65	VRD-ST2CD102J	J AA	1 kohm,1/6W
R788	VRS-TV2AB102J	J AA	1 kohm,1/10W	RA66	VRD-MN2BD102J	J AA	1 kohm,1/8W
R789	VRS-TV2AB681J	J AA	680 ohms,1/10W	RA67	VRD-ST2CD102J	J AA	1 kohm,1/6W
R790	VRS-TQ2BB102J	J AA	1 kohm,1/8W	RA68,69	VRD-MN2BD102J	J AA	1 kohm,1/8W
R791	VRD-ST2CD102J	J AA	1 kohm,1/6W	RA70	VRD-ST2CD102J	J AA	1 kohm,1/6W
R792	VRS-TQ2BB102J	J AA	1 kohm,1/8W	RA71,72	VRD-MN2BD102J	J AA	1 kohm,1/8W
R793,794	VRD-ST2CD102J	J AA	1 kohm,1/6W	RA73	VRD-MN2BD223J	J AA	22 kohms,1/8W
R795	VRS-TQ2BB102J	J AA	1 kohm,1/8W	RA75	VRD-MN2BD102J	J AA	1 kohm,1/8W

CD-C5W/CD-K5W,CP-C5W

NO.	PART CODE	★	PRICE RANK	DESCRIPTION	NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
RA76,77	VRD-ST2CD102J	J	AA	1 kohm,1/6W	RP23	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W
RA78~80	VRD-MN2BD102J	J	AA	1 kohm,1/8W	RP25,26	VRD-ST2CD123J	J	AA	12 kohms,1/6W
RA81	VRD-ST2CD102J	J	AA	1 kohm,1/6W	RP27	VRD-ST2CD103J	J	AA	10 kohm,1/6W
RA82,83	VRD-MN2BD102J	J	AA	1 kohm,1/8W	RP29	VRD-MN2BD102J	J	AA	1 kohm,1/8W
RA87,88	VRD-ST2CD102J	J	AA	1 kohm,1/6W	RP30	VRD-ST2CD102J	J	AA	1 kohm,1/6W
RA91~94	VRD-MN2BD102J	J	AA	1 kohm,1/8W	RP31	VRD-MN2BD473J	J	AA	47 kohms,1/8W
RA95,96	VRD-ST2CD102J	J	AA	1 kohm,1/6W	RP32	VRD-ST2CD473J	J	AA	47 kohms,1/6W
RA97,98	VRD-MN2BD102J	J	AA	1 kohm,1/8W	RP33,34	VRD-ST2CD562J	J	AA	5.6 kohms,1/6W
RA99	VRD-ST2CD102J	J	AA	1 kohm,1/6W	RP35,36	VRD-ST2CD221J	J	AA	220 ohms,1/6W
RD01	VRD-MN2BD102J	J	AA	1 kohm,1/8W	RP37	VRD-MN2BD683J	J	AA	68 kohms,1/8W
RD02	VRD-ST2CD102J	J	AA	1 kohm,1/6W	RP38	VRD-ST2CD683J	J	AA	68 kohms,1/6W
RD03,04	VRD-MN2BD102J	J	AA	1 kohm,1/8W	RP39	VRD-MN2BD683J	J	AA	68 kohms,1/8W
RD05,06	VRD-MN2BD103J	J	AA	10 kohm,1/8W	RP43,44	VRD-ST2CD562J	J	AA	5.6 kohms,1/6W
RD07,08	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W	RP101	RH-QX0009AWZZ	J	AE	Posistor,2.2 ohms
RD09	VRD-ST2CD223J	J	AA	22 kohms,1/6W	RS01,02	VRD-ST2CD102J	J	AA	1 kohm,1/6W
RD10,11	VRD-MN2BD103J	J	AA	10 kohm,1/8W	RS03,04	VRD-ST2CD224J	J	AA	220 kohms,1/6W
RD12	VRD-MN2BD473J	J	AA	47 kohms,1/8W	RS05,06	VRD-ST2CD153J	J	AA	15 kohms,1/6W
RD13,14	VRD-ST2CD103J	J	AA	10 kohm,1/6W	RS07,08	VRD-ST2CD472J	J	AA	4.7 kohms,1/6W
RD15	VRD-ST2EE271J	J	AA	270 ohms,1/4W	RS09,10	VRD-ST2CD103J	J	AA	10 kohm,1/6W
RD21	VRD-ST2CD683J	J	AA	68 kohms,1/6W	RS11	VRD-ST2CD183J	J	AA	18 kohms,1/6W
RD22	VRD-MN2BD683J	J	AA	68 kohms,1/8W	RS12	VRD-ST2CD393J	J	AA	39 kohms,1/6W
RD23,24	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W	RS14	VRD-ST2CD105J	J	AA	1 Mohm,1/6W
RD25,26	VRD-MN2BD471J	J	AA	470 ohms,1/8W	RS15	VRD-ST2CD102J	J	AA	1 kohm,1/6W
RD27	VRD-ST2CD683J	J	AA	68 kohms,1/6W	RS16,17	VRD-ST2CD272J	J	AA	2.7 kohms,1/6W
RD28	VRD-MN2BD683J	J	AA	68 kohms,1/8W	RS18,19	VRD-ST2CD272J	J	AA	2.7 kohms,1/6W
RD29,30	VRD-MN2BD122J	J	AA	1.2 kohms,1/8W	RS20~23	VRD-ST2CD102J	J	AA	1 kohm,1/6W
RD31,32	VRD-MN2BD822J	J	AA	8.2 kohms,1/8W	RS24~27	VRD-ST2CD104J	J	AA	100 kohm,1/6W
RD33,34	VRD-MN2BD472J	J	AA	4.7 kohms,1/8W	RS28	VRD-ST2EE331J	J	AA	330 ohms,1/4W
RD35	VRD-MN2BD105J	J	AA	1 Mohm,1/8W	RS29~32	VRD-ST2CD102J	J	AA	1 kohm,1/6W
RD36	VRD-MN2BD101J	J	AA	100 ohm,1/8W	RS34,35	VRD-ST2CD102J	J	AA	1 kohm,1/6W
RD37	VRD-ST2EE271J	J	AA	270 ohms,1/4W	RS36	VRD-ST2EE221J	J	AA	220 ohms,1/4W
RD38	VRD-ST2CD332J	J	AA	3.3 kohms,1/6W	RS37	VRD-ST2CD103J	J	AA	10 kohm,1/6W
RD39	VRD-MN2BD104J	J	AA	100 kohm,1/8W	RS39	VRD-ST2CD332J	J	AA	3.3 kohms,1/6W
RD41	VRD-MN2BD472J	J	AA	4.7 kohms,1/8W	RS40	VRD-ST2CD362J	J	AA	3.6 kohms,1/6W
RD42	VRD-ST2CD472J	J	AA	4.7 kohms,1/6W	RT01,02	VRD-MN2BD273J	J	AA	27 kohms,1/8W
RD43,44	VRD-ST2CD224J	J	AA	220 kohms,1/6W	RT01A	VRD-MN2BD104J	J	AA	100 kohm,1/8W
RD69	VRD-ST2CD103J	J	AA	10 kohm,1/6W	RT02A	VRD-MN2BD333J	J	AA	33 kohms,1/8W
RD70	VRD-MN2BD103J	J	AA	10 kohm,1/8W	RT03,04	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W
RD71,72	VRD-ST2CD682J	J	AA	6.8 kohms,1/6W	RT03A	VRD-ST2CD220J	J	AA	22 ohms,1/6W
RD73	VRD-ST2CD472J	J	AA	4.7 kohms,1/6W	RT04A	VRD-MN2BD470J	J	AA	47 ohms,1/8W
RD75	VRD-ST2CD473J	J	AA	47 kohms,1/6W	RT05,06	VRD-MN2BD273J	J	AA	27 kohms,1/8W
RD76	VRD-ST2CD103J	J	AA	10 kohm,1/6W	RT05A	VRD-MN2BD473J	J	AA	47 kohms,1/8W
RD77,78	VRD-MN2BD472J	J	AA	4.7 kohms,1/8W	RT06A	VRD-MN2BD100J	J	AA	10 ohm,1/8W
RH07,08	VRD-ST2CD563J	J	AA	56 kohms,1/6W	RT07,08	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W
RH09,10	VRD-ST2CD102J	J	AA	1 kohm,1/6W	RT07A	VRD-MN2BD681J	J	AA	680 ohms,1/8W
RH11,12	VRD-ST2CD563J	J	AA	56 kohms,1/6W	RT08A	VRD-MN2BD103J	J	AA	10 kohm,1/8W
RH13,14	VRD-ST2CD331J	J	AA	330 ohms,1/6W	RT09	VRD-ST2CD222J	J	AA	2.2 kohms,1/6W
RH15,16	VRD-ST2CD102J	J	AA	1 kohm,1/6W	RT09A	VRD-ST2EE821J	J	AA	820 ohms,1/4W
RH19,20	VRD-ST2CD103J	J	AA	10 kohm,1/6W	RT10	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W
RH21~24	VRS-VV3AAR20J	J	AB	0.2 ohms,1W	RT10A	VRD-ST2CD472J	J	AA	4.7 kohms,1/6W
RH25,26	VRD-ST2CD563J	J	AA	56 kohms,1/6W	RT25	VRD-ST2CD221J	J	AA	220 ohms,1/6W
RH27,28	VRD-ST2EE4R7J	J	AA	4.7 ohms,1/4W	RT26~28	VRD-MN2BD473J	J	AA	47 kohms,1/8W
RH39,40	VRD-ST2CD102J	J	AA	1 kohm,1/6W	RT29	VRD-MN2BD221J	J	AA	220 ohms,1/8W
RH71,72	VRD-ST2CD223J	J	AA	22 kohms,1/6W	RT30	VRD-MN2BD104J	J	AA	100 kohm,1/8W
RH73	VRD-ST2CD392J	J	AA	3.9 kohms,1/6W	RT31	VRD-ST2CD472J	J	AA	4.7 kohms,1/6W
△ RH83,84	VRG-ST2EC101J	J	AB	100 ohm,1/4W,Fusible	RT32	VRD-MN2BD182J	J	AA	1.8 kohms,1/8W
RH85	VRD-ST2CD223J	J	AA	22 kohms,1/6W	RT33,34	VRD-MN2BD473J	J	AA	47 kohms,1/8W
RH96	VRD-ST2CD473J	J	AA	47 kohms,1/6W	RT35	VRD-MN2BD104J	J	AA	100 kohm,1/8W
RH97	VRD-ST2CD332J	J	AA	3.3 kohms,1/6W	RT36	VRD-ST2CD473J	J	AA	47 kohms,1/6W
RH98	VRD-ST2CD563J	J	AA	56 kohms,1/6W	RT37	VRD-MN2BD474J	J	AA	470 kohms,1/8W
RM01	VRD-MN2BD333J	J	AA	33 kohms,1/8W	RT38~40	VRD-ST2CD473J	J	AA	47 kohms,1/6W
RM02	VRD-MN2BD223J	J	AA	22 kohms,1/8W	RT41	VRD-ST2CD221J	J	AA	220 ohms,1/6W
RM03	VRD-MN2BD473J	J	AA	47 kohms,1/8W	RY03~10	VRS-TV2AB104J	J	AA	100 kohm,1/10W
RM04	VRD-ST2CD104J	J	AA	100 kohm,1/6W	RY12	VRS-TV2AB104J	J	AA	100 kohm,1/10W
RM05	VRD-ST2CD103J	J	AA	10 kohm,1/6W	RY14	VRS-TV2AB104J	J	AA	100 kohm,1/10W
RM06	VRD-ST2CD222J	J	AA	2.2 kohms,1/6W	RY16	VRS-TV2AB104J	J	AA	100 kohm,1/10W
RM09	VRD-MN2BD103J	J	AA	10 kohm,1/8W	RY18	VRS-TV2AB104J	J	AA	100 kohm,1/10W
RM10	VRD-ST2CD103J	J	AA	10 kohm,1/6W	RY20	VRS-TV2AB104J	J	AA	100 kohm,1/10W
RM11,12	VRD-ST2CD222J	J	AA	2.2 kohms,1/6W	RY22	VRS-TV2AB104J	J	AA	100 kohm,1/10W
RM23,24	VRD-ST2CD821J	J	AA	820 ohms,1/6W	RY24	VRS-TV2AB104J	J	AA	100 kohm,1/10W
RM25	VRD-MN2BD102J	J	AA	1 kohm,1/8W	RY29	VRS-TV2AB330J	J	AA	33 ohms,1/10W
RP01,02	VRD-MN2BD104J	J	AA	100 kohm,1/8W	RY30,31	VRD-ST2CD330J	J	AA	33 ohms,1/6W
RP05,06	VRD-MN2BD222J	J	AA	2.2 kohms,1/8W	RY32~38	VRS-TV2AB330J	J	AA	33 ohms,1/10W
RP07	VRD-MN2BD102J	J	AA	1 kohm,1/8W	RY40	VRS-TV2AB103J	J	AA	10 kohm,1/10W
RP08	VRD-ST2CD102J	J	AA	1 kohm,1/6W	RY41	VRD-ST2CD103J	J	AA	10 kohm,1/6W
RP09,10	VRD-ST2CD103J	J	AA	10 kohm,1/6W	RY42,43	VRS-TV2AB103J	J	AA	10 kohm,1/10W
RP11,12	VRD-MN2BD473J	J	AA	47 kohms,1/8W	RY44	VRD-ST2CD103J	J	AA	10 kohm,1/6W
RP13,14	VRD-ST2CD562J	J	AA	5.6 kohms,1/6W	RY56	VRS-TV2AB104J	J	AA	100 kohm,1/10W
RP15,16	VRD-ST2EE221J	J	AA	220 ohms,1/4W	RY57	VRD-ST2EE390J	J	AA	39 ohms,1/4W
RP17,18	VRD-ST2CD102J	J	AA	1 kohm,1/6W					
RP19,20	VRD-MN2BD104J	J	AA	100 kohm,1/8W					
RP22	VRD-MN2BD563J	J	AA	56 kohms,1/8W					

CD-C5W/CD-K5W,CP-C5W

NO.	PART CODE	★	PRICE RANK	DESCRIPTION
OTHER CIRCUITRY PARTS				
BI4A/B	QCNWN1086AWZZ	J	AH	Connector Ass'y,3/3Pin
BI601/CNS601	QCNWN1097AWZZ	J	AL	Connector Ass'y,9/9Pin [CD-K5W Only]
BI851/CNS851	QCNWN1091AWZZ	J	AG	Connector Ass'y,4/4Pin
BI905/CNS905	QCNWN1098AWZZ	J	AH	Connector Ass'y,7/7Pin
BIM1	QCNWN1005AWZZ	J	AF	Connector Ass'y,4Pin
BIM2/CNS2	QCNWN1020AWZZ	J	AF	Connector Ass'y,5/5Pin
BIM3	QCNWN0987AWZZ	J	AH	Connector Ass'y,6Pin
CFW1	QCNCWZG27AWZZ	J	AE	Socket,27Pin
CFW2	QCNCWZG27AWZZ	J	AE	Socket,27Pin
CFW852	QCNCWZG14AWZZ	J	AD	Socket,14Pin
CFW853A	QCNCWZG09AWZZ	J	AC	Socket,9Pin
CFW853B	QCNCWZG09AWZZ	J	AC	Socket,9Pin
CFW903	QCNCWZG14AWZZ	J	AD	Socket,14Pin
CNP1	92LCONPB7BPHK	J	AC	Plug,7Pin
CNP2	92LCONPB8BPHK	J	AC	Plug,8Pin
CNP3	92LCONEP53253	J	AC	Plug,6Pin
CNP3A	92LCONEP53254	J	AC	Plug,6Pin
CNP11	92LCONE4P53014	J	AC	Plug,4Pin
CNP12	92LCONE5P53253	J	AB	Plug,5Pin
CNP13	92LCONE6P53253	J	AC	Plug,6Pin
CNP101	92LCONE3P53253	J	AB	Plug,3Pin
CNP102	92LCONE7P53253	J	AC	Plug,7Pin
CNP201	QCNCWZS10AWZZ	J	AK	Socket,10Pin
CNP202	QCNCW010LAWZZ	J	AD	Plug,11Pin
CNP303	QCNCM010LAWZZ	J	AC	Plug,11Pin
CNP501	QCNCM010QAWZZ	J	AD	Plug,15Pin
CNP502	QCNCM698JAFZZ	J	AC	Plug,9Pin [CD-K5W Only]
CNP851	QCNCM698DAFZZ	J	AB	Plug,4Pin
CNP901	QCNCM705BAFZZ	J	AA	Plug,2Pin
CNP905	QCNCM698GAFZZ	J	AB	Plug,7Pin
CNPS01	QCNCW010QAWZZ	J	AE	Socket,15Pin
CNS1A/B	QCNWN0858AWZZ	J	AG	Connector Ass'y,8/8Pin
CNS2A/B	QCNWN0859AWZZ	J	AF	Connector Ass'y,7/7Pin
CNS3A/B	QCNWN0857AFZZ	J	AK	Connector Ass'y,6/6Pin
CNS101A/B	QCNWN1095AWZZ	J	AG	Connector Ass'y,3/3Pin
CNS102A/B	QCNWN1096AWZZ	J	AM	Connector Ass'y,7/6Pin
CNS701	QCNCMZS10AWZZ	J	AK	Socket,10Pin
CNS901	QCNWN1090AWZZ	J	AD	Connector Ass'y,2Pin
△ F820	92LFUSE-T501-E	J	AD	Fuse,T500mA L 250V
△ F853	92LFUSE-T202-E	J	AD	Fuse,T2A L 250V
△ F854	92LFUSE-T502-E	J	AD	Fuse,T5.0A L 250V
△ F855,856	92LFUSE-T252-E	J	AD	Fuse,T2.5A L 250V
△ F857,858	92LFUSE-T502-E	J	AD	Fuse,T5A L 250V
△ F901,902	92LFUSE-T402-E	J	AD	Fuse,T4A L 250V
△ FH01,02	92LFUSE-T402-E	J	AD	Fuse,T4A L 250V
FL701	VVKCK1627M/-1	J	BM	FL Display
FW1	QCNWN1085AWZZ	J	AF	Flat Cable,27Pin
FW201	QCNWN1103AWZZ	J	AG	Flat Wire,12Pin
FW701	QCNWN1092AWZZ	J	AE	Flat Cable,6Pin
FW853	QCNWN1100AWZZ	J	AC	Flat Wire,3Pin
FW853A	QCNWN1090AWZZ	J	AG	Flat Cable,9Pin
FW901	QCNWN1087AWZZ	J	AD	Flat Cable,5Pin
FW903	QCNWN1089AWZZ	J	AH	Flat Cable,14Pin
FW904	QCNWN1088AWZZ	J	AF	Flat Wire,8Pin
FWM1	QCNWN1093AWZZ	J	AF	Flat Wire,8Pin
FWM2	QCNWN1094AWZZ	J	AH	Flat Wire,13Pin
IC95	VHPGP1F38T/-1	J	AL	Terminal,Digital Output
J601	92LJACK-1249A	J	AE	Jack,Mic 1 [CD-K5W Only]
J602	92LJACK-1249A	J	AE	Jack,Mic 2 [CD-K5W Only]
J901	QJAKM0005AWZZ	J	AD	Jack,Headphones
JT01	92LJACKL1693A	J	AH	Jack,VIDEO/AUX 1,2
JT03	QSOCJ0104AWZZ	J	AD	Jack,Pre OUT,Super Woofer
M701	92LMTR1854CASY	J	AS	Motor with Chassis [Spindle]
M702	92LMTR1854BASY	J	AP	Motor with Gear [Sled]
M901	92LMTR1810A	J	AK	Motor,Air Cooling Fan
MM1(300-3)	92PF525-319	J	AW	Motor with Pulley [Tape]
MOB1	RMOTV0373AFM1	J	AQ	Main Cam Motor Ass'y
MOB2	RMOTV0373AFM1	J	AQ	Tray Motor Ass'y
PHM1,2	—————	—	—	Photo Interrupter (Supplies at REF No.PWB-G/ PWB-H)
RL851	RRLYD0117AFZZ	J	AP	Relay
RL901	RRLYD0004AWZZ	J	AP	Relay
RLH01	RRLYD0004AWZZ	J	AP	Relay
RX701	VHLSPS4421/-1	J	AL	Remote Control Sensor, SPS4421
SO301	QTANC0301AWZZ	J	AH	Terminal,Antenna
SO901	QTANA0404AWZZ	J	AF	Terminal,Speaker [Front]

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
SOH01	QTANA0601AWZZ	J	AH	Terminal,Speaker [Center/Surround]
SOL1,2	—————	—	—	Solenoid (Supplies at REF No.PWB-G/ PWB-H)
SW202	QSW-S0024AWZZ	J	AE	Switch,Slide Type [Span Selector]
SW701	QSW-Z0003AWZZ	J	AH	Switch,Rotary Type [Volume Up/Down]
SW702	QSW-Z0003AWZZ	J	AH	Switch,Rotary Type [Jog Dial]
SW702A	QSW-F9001AWZZ	J	AE	Switch,Push Type [Pickup In]
SW703	92LSWICHT1663T	J	AC	Switch,Key Type [X-BASS]
SW704	92LSWICHT1663T	J	AC	Switch,Key Type [Equalizer/Demo]
SW705	92LSWICHT1663T	J	AC	Switch,Key Type [SRS Mode]
SW706	92LSWICHT1663T	J	AC	Switch,Key Type [SRS Pass]
SW707	92LSWICHT1663T	J	AC	Switch,Key Type [FF]
SW708	92LSWICHT1663T	J	AC	Switch,Key Type [Stop]
SW709	92LSWICHT1663T	J	AC	Switch,Key Type [Edit Normal]
SW710	92LSWICHT1663T	J	AC	Switch,Key Type [Edit High]
SW711	92LSWICHT1663T	J	AC	Switch,Key Type [Record/Pause]
SW712	92LSWICHT1663T	J	AC	Switch,Key Type [Forward Play]
SW713	92LSWICHT1663T	J	AC	Switch,Key Type [Dolby-NR]
SW714	92LSWICHT1663T	J	AC	Switch,Key Type [Q-Sound]
SW715	92LSWICHT1663T	J	AC	Switch,Key Type [Virtual]
SW716	92LSWICHT1663T	J	AC	Switch,Key Type [Dolby-Pro Logic]
SW717	92LSWICHT1663T	J	AC	Switch,Key Type [Rewind]
SW718	92LSWICHT1663T	J	AC	Switch,Key Type [CD Pause]
SW719	92LSWICHT1663T	J	AC	Switch,Key Type [Reverse Play]
SW720	92LSWICHT1663T	J	AC	Switch,Key Type [Reverse Mode]
SW721	92LSWICHT1663T	J	AC	Switch,Key Type [Clock]
SW722	92LSWICHT1663T	J	AC	Switch,Key Type [Timer]
SW723	92LSWICHT1663T	J	AC	Switch,Key Type [Sleep]
SW724	92LSWICHT1663T	J	AC	Switch,Key Type [Video/AUX]
SW725	92LSWICHT1663T	J	AC	Switch,Key Type [Tape 1/2]
SW726	92LSWICHT1663T	J	AC	Switch,Key Type [Tuner (BAND)]
SW727	92LSWICHT1663T	J	AC	Switch,Key Type [CD]
SW732	92LSWICHT1663T	J	AC	Switch,Key Type [Clear]
SW733	92LSWICHT1663T	J	AC	Switch,Key Type [Memory/Set]
SW734	92LSWICHT1663T	J	AC	Switch,Key Type [On/Stand-by]
SW735	92LSWICHT1663T	J	AC	Switch,Key Type [Karaoke Maker] [CD-K5W Only]
SW739	92LSWICHT1663T	J	AC	Switch,Key Type [Disc 3 Open/Close]
SW740	92LSWICHT1663T	J	AC	Switch,Key Type [Disc 3]
SW741	92LSWICHT1663T	J	AC	Switch,Key Type [Disc 2 Open/Close]
SW742	92LSWICHT1663T	J	AC	Switch,Key Type [Disc 2]
SW743	92LSWICHT1663T	J	AC	Switch,Key Type [Disc 1 Open/Close]
SW744	92LSWICHT1663T	J	AC	Switch,Key Type [Disc 1]
△ SW851	QSOCE0008AWZZ	J	AH	Switch,Slide Type [Voltage Selector]
SWB101,102	QSW-F0353AFZZ	J	AD	Switch,Leaf Type [Cam1,2]
SWB103,104	QSW-F0353AFZZ	J	AD	Switch,Leaf Type [Cam3,4]
SWB105	QSW-P0920AFZZ	J	AC	Switch,Push Type [CD Eject]
SWB106	QSW-P0920AFZZ	J	AC	Switch,Push Type [CD Tray Close]
SWB107	QSW-P0920AFZZ	J	AC	Switch,Push Type [CD In]
SWB108	QSW-P0920AFZZ	J	AC	Switch,Push Type [CD Set]
SWE1	—————	—	—	Switch,Leaf Type [Tape 1 Play] (Supplies at REF No.PWB-G)
SWE2	—————	—	—	Switch,Leaf Type [Tape 1 CrO2] (Supplies at REF No.PWB-G)
SWE4	—————	—	—	Switch,Leaf Type [Tape 2 Play] (Supplies at REF No.PWB-H)
SWE5	—————	—	—	Switch,Leaf Type [Tape 2 CrO2] (Supplies at REF No.PWB-H)
SWE7	—————	—	—	Switch,Leaf Type [Tape 2 Side A FP] (Supplies at REF No.PWB-H)
SWE8	—————	—	—	Switch,Leaf Type [Tape 2 Side B FP] (Supplies at REF No.PWB-H)
TP451	92LCONE3P53253	J	AB	Plug,3Pin [Test Point]
WT853	QCNCW039CAWZZ	J	AD	Socket,3Pin
WT902	92LCONE5P52287	J	AC	Socket,5Pin
WTM1	92LCONE8P52287	J	AD	Plug,8Pin,Wire Trap
WTM2	QCNCW012NAWZZ	J	AE	Plug,13Pin,Wire Trap

CD-C5W/CD-K5W,CP-C5W

NO.	PART CODE	★	PRICE RANK	DESCRIPTION
CD MECHANISM PARTS				
301	NGERH0011AWZZ	J	AC	Gear,Middle
302	NGERH0012AWZZ	J	AC	Gear,Drive
303	MLEVP0010AWZZ	J	AC	Rail,Guide
304	NSFTM0002AWFW	J	AE	Shaft,Guide
305	PCUSG0427AFSC	J	AC	Cushion
△ 306	RCTRH8164AFZZ	J	BF	Pickup Unit Ass'y
306- 1	—	—	—	Pickup Unit (Not Replacement Item)
306- 2	NGERR0043AFZZ	J	AC	Gear,Rack
306- 3	MSPRC0961AFZZ	J	AA	Spring,Rack
307	PCUSG0001AWSA	J	AD	Insulator
308	PCUSG0004AWSA	J	AD	Insulator
701	92L2R6S+6CZ	J	AB	Screw,ø2.6×6mm
702	XHBSD20P05000	J	AA	Screw,ø2×5mm
703	XBBSD20P03000	J	AA	Screw,ø2×3mm
704	92L1R5WC3R8R25	J	AA	Washer,ø1.5×ø3.8×0.25mm
M701	92LMTR1854CASY	J	AS	Motor with Chassis [Spindle]
M702	92LMTR1854BASY	J	AP	Motor with Gear [Sled]
SW702A	QSW-F9001AWZZ	J	AE	Switch,Push Type [Pickup In]

CHANGER MECHANISM

101	LCHSM0037AWZZ	J	AP	Main Base
102	LANGF0024AWZZ	J	AE	Top Board
103	NROLP0007AWZZ	J	AB	Rollar,Cam Guide
104	NPLYR0004AWZZ	J	AC	Pulley,Drive
105	NGERH0052AWZZ	J	AC	Gear,Idler
106	NGERH0053AWZZ	J	AB	Gear,Cam
107	NGERH0054AWZZ	J	AB	Gear,Midle
108	NGERH0057AWZZ	J	AB	Gear,Tray Idler
109	MCAMP0127AFZZ	J	AR	Main Cam
110	MLEVP0056AWZZ	J	AC	Lever,Front Switch
111	MLEVP0057AWM1	J	AC	Rear Switch Lever Ass'y
112	MLEVP0058AWZZ	J	AB	Lever,Tray Lock
113	PGIDM0018AWZZ	J	AF	Holder,Mechanism
114	PGIDM0019AWZZ	J	AE	Holder,Stabilizer
115	LHLDL0008AWZZ	J	AD	Stabilizer
116	PGIDM0017AWZZ	J	AC	Guide,Mechanism Holder
119	GCOVA1152AWZZ	J	AL	Tray,Disc Guide
120	GCOVA1153AWZZ	J	AF	Tray,Disc
121	LANGF0025AWZZ	J	AB	Bracket,Switch
122	NSFTL0001AWZZ	J	AB	Shaft,Tray Change
123	MSPRD0078AWFJ	J	AB	Spring,Tray Switch
124	MSPRD0080AWFJ	J	AB	Spring,Tray Lock Lever
125	MSPRD0079AWFJ	J	AB	Spring,Disc Stop
126	NBLTK0028AWZZ	J	AB	Belt,Tray Drive
127	NBLTK0027AWZZ	J	AB	Belt,Cam Drive
128	PMAGF0001AWZZ	J	AF	Magnet
129	92LN-BAND1318A	J	AA	Nylon Band,80mm
130	PGUMS0016AWZZ	J	AB	Tray Rubber
131	LANGF0028AWZZ	J	AB	Bracket,Mechanism Holder
132	LCHSM0038AWZZ	J	AK	Changer Box
133	NGERH0055AWZZ	J	AC	Gear,Center
134	NGERH0056AWZZ	J	AB	Gear,Center Tray
135	NGERH0058AWZZ	J	AB	Gear,Tray Drive
136	MLEVP0052AWZZ	J	AC	Lever,Tray Change
137	MLEVP0053AWZZ	J	AC	Lever,Top Joint
138	MLEVP0054AWZZ	J	AC	Lever,Midle Joint
139	MLEVP0055AWZZ	J	AC	Lever,Bottom Joint
801	XBPSD26P04000	J	AA	Screw,ø2.6×4mm
802	XEBSD20P07000	J	AB	Screw,ø2×7mm
803	XEBSD20P06000	J	AA	Screw,ø2×6mm
804	XEBSD26P12000	J	AA	Screw,ø2.6×12mm
805	LX-EZ0005AWFD	J	AA	Screw,ø2.6×10mm
MOB1	RMOTV0373AFM1	J	AQ	Main Cam Motor Ass'y
MOB2	RMOTV0373AFM1	J	AQ	Tray Motor Ass'y
SWB101,102	QSW-F0353AFZZ	J	AD	Switch,Leaf Type [Cam1,2]
SWB103,104	QSW-F0353AFZZ	J	AD	Switch,Leaf Type [Cam3,4]
SWB105	QSW-P0920AFZZ	J	AC	Switch,Push Type [CD Eject]
SWB106	QSW-P0920AFZZ	J	AC	Switch,Push Type [CD Tray Close]
SWB107	QSW-P0920AFZZ	J	AC	Switch,Push Type [CD In]
SWB108	QSW-P0920AFZZ	J	AC	Switch,Push Type [CD Set]

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
CABINET PARTS				
201	92LCAB2775AS1	J	—	Front Panel Ass'y [CD-K5W]
201	92LCAB2821AS1	J	—	Front Panel Ass'y [CD-C5W]
201- 1	—	—	—	Front Panel (Not Replacement Item)
201- 2	PCUSG0002AWZZ	J	AB	Cushion,Leg
201- 3	HDECQ0043AWSA	J	AE	Panel,Function
202	92LPNL2769AS1	J	—	FL Panel Ass'y [CD-C5W]
202	92LPNL2775AS1	J	—	FL Panel Ass'y [CD-K5W]
202- 1	HBDGB1006AWSA	J	AD	Badge,SHARP
202- 2	HDECQ0345AWSA	J	—	Panel,FL Display [CD-K5W]
202- 2	HDECQ0355AWSA	J	AT	Panel,FL Display [CD-C5W]
203	KNOB2695AASY1	J	AR	Disc No.Button Ass'y
204	KNOB2695BASY2	J	AT	Operation Button Ass'y
205	GCAB-1049AWSA	J	AR	Top Cabinet
206	GCOVA1173AWSA	J	AK	Cover,Disc Tray 1
207	GCOVA1174AWSA	J	AK	Cover,Disc Tray 2
208	GCOVA1175AWSA	J	AK	Cover,Disc Tray 3
209	JKNBZ0464AWSA	J	AF	Button,Surround
211	GDORF0049AWSA	J	AM	Cassette Holder,Tape 1
212	GDORF0050AWSA	J	AM	Cassette Holder,Tape 2
213	GITAR0323AWSA	J	AT	Rear Panel [CD-K5W]
213	GITAR0324AWSA	J	AT	Rear Panel [CD-C5W]
214	GITAS0044AWSA	J	AP	Side Panel,Left
215	GITAS0045AWSA	J	AP	Side Panel,Right
217	HDECQ0281AWSA	J	AH	Decoration Plate,Cassette Holder,Tape 1
218	HDECQ0282AWSA	J	AH	Decoration Plate,Cassette Holder,Tape 2
219	HDECQ0285AWSA	J	AL	Panel,Operation Botton
220	JKNBK0052AWSA	J	AF	Knob,Volume Up/Down
221	JKNBK0053AWSA	J	AF	Knob,Jog Dial
222	JKNBZ0455AWSA	J	AF	Button,On/Stand-by
223	JKNBZ0457AWSA	J	AF	Button,Function
224	JKNBZ0458AWSA	J	AF	Button,X-BASS
225	JKNBZ0459AWSA	J	AF	Button,SRS
226	LANGK0057AWFW	J	AE	Bracket,Heat Sink,Front
227	LANGK0058AWFW	J	AE	Bracket,Heat Sink,Rear
228	LANGK0059AWFW	J	AD	Bracket,Fan Motor
229	LANGK0104AWFW	J	AK	Bracket,Main PWB,Left
230	LANGK0110AWFW1J	AD	AD	Bracket,Cassette Lock,Tape 1
231	LANGK0111AWFW1J	AD	AD	Bracket,Cassette Lock,Tape 2
232	LANGK0113AWFW	J	AL	Bracket,Main PWB Supt,Right
△ 233	LBSHC0002AWZZ	J	AD	Bushing,AC Power Supply Cord
234	LCHSM0065AWFW	J	AV	Main Chassis
235	LCHSZ0012AWZZ	J	AQ	Holder,CD Mechanism
236	LANGJ0005AWFW	J	AC	Bracket,Amp.PWB
237	LHLDZ1171AWZZ	J	AF	Holder,FL Display
238	LHLDZ1172AWZZ1	J	AD	Holder,LED Operation,Left
239	LHLDZ1173AWZZ1	J	AD	Holder,LED Operation,Right
240	LHLDZ1174AWZZ	J	AD	Holder,LED Disc No.
241	MLIFP0003AWZZ	J	AE	Damper,Cassette Holder
242	MLOK0001AWZZ	J	AD	Cassette Lock,Tape 1
243	MLOK0002AWZZ	J	AD	Cassette Lock,Tape 2
244	MSPRD0092AWFJ	J	AB	Spring,Cassette,Tape 1
245	MSPRD0093AWFJ	J	AB	Spring,Cassette,Tape 2
246	MSPRD0109AWFJ	J	AB	Spring,Cassette Lock,Tape 1
247	MSPRD0110AWFJ	J	AB	Spring,Cassette Lock,Tape 2
248	NFANP0001AWZZ	J	AD	Rotary Fan
249	PCUSG0022AWZZ	J	AB	Cushion,Leg
250	PRDAR0065AWFW	J	AD	Heat Sink,Diode
251	PRDAR0095AWFW	J	BB	Heat Sink,Main
252	PRDAR0096AWFW	J	AM	Heat Sink,Sub
△ 253	QACCA0001AW00	J	AM	AC Power Supply Cord [For Saudi Arabia]
△ 253	QACCE0008AW00	J	AG	AC Power Supply Cord [Except for Saudi Arabia]
△ 253	QACCL0005AW00	J	AN	AC Power Supply Cord [For Australia/New Zealand]
△ 253	QACCB0005AW00	J	AQ	AC Power Supply Cord [For Hong Kong]
254	QCNWN1102AWZZ	J	AE	Lead Wire with Lug
255	TCAUS0019AWZZ	J	AD	Label,Warning [CD-K5W for Thailand Only]
256	TLABB0001AWZZ	J	AB	Label,Japan [Chile/Peru/Bolivia Only]
257	TSPC-0497AWZZ	J	AE	Label,Specifications [CD-K5W for Thailand]
257	TSPC-0515AWZZ	J	—	Label,Specifications [CD-C5W for Taiwan]

CD-C5W/CD-K5W,CP-C5W

NO.	PART CODE	★	PRICE RANK	DESCRIPTION
258	92LCAUT1706A1	J	AC	Label,Class 1
259	92LCAUT1706B	J	AA	Label,Laser Caution
260	92LCLMP1810A	J	AC	Wire Holder
261	92LCSPR1431C	J	AA	Spring,Rotary Fan
263	92LN-BAND1318A	J	AA	Nylon Band,80mm
264	92LPANEL1713A	J	AB	Panel,Made in Malaysia [For Jordan/Saudi Arabia/ Kuwait]
265	92LRDAT1587A	J	AC	Heat Sink,Diode
△ 266	QFSDH0001AWZZ	J	AB	Holder,Fuse
△ 267	92LLUG1746A	J	AA	Lug,Terminal
268	JKNBZ0461AWSA	J	AC	Button,Karaoke Maker [CD-K5W Only]
269	JKNBK0012AWS	J	AE	Knob,Mic Volume [CD-K5W Only]
270	92LLABL1204C	J	AA	Label,Made in Malaysia [For Australia/New Zealand Only]
274	PFLT-0037AWZZ	J	AB	Felt,Operation Button
300	KMECB0006AWZZ	J	BS	Tape Mechanism Ass'y
300- 1	92PFF513-810	J	AY	Head,Record/Playback/Erase [Tape 2]
300- 2	92PFF513-811	J	AX	Head,Playback [Tape 1]
300- 3(MM1)	92PFF525-319	J	AW	Motor with Pulley [Tape]
300- 4(PWB-H)	92PFF567-612	J	AX	Tape 2 Mechanism PWB Ass'y
300- 5(PWB-G)	92PFF567-613	J	AV	Tape 1 Mechanism PWB Ass'y
300- 6	92PFF17G-31	J	AG	Belt,Main
300- 7	92PFF514-118	J	AK	Pinch,Roller Ass'y,Right
300- 8	92PFF514-119	J	AK	Pinch,Roller Ass'y,Left
300- 9	92PFF18W-12	J	AF	Belt,Fast Forward/Rewind
300-10	92PFF19D-21	J	AG	Belt,Joint
601	LX-HZ0009AWFD	J	AC	Screw,Special
602	LX-HZ0082AFZZ	J	AA	Screw,ø4×8mm
603	LX-JZ0010AFFD	J	AA	Screw,ø3×10mm
604	LX-JZ0022AFFD	J	AA	Screw,ø3×8mm
605	XBBSD20P04000	J	AA	Screw,ø2×4mm
606	XJBSD30P10000	J	AA	Screw,ø3×10mm
607	XHBSD26P04000	J	AA	Screw,ø2.6×4mm
608	XHBSD30P06000	J	AA	Screw,ø3×6mm
609	XJBSD30P10000	J	AA	Screw,ø3×10mm
610	XJBSD30P14000	J	AA	Screw,ø3×14mm
611	XJBSEF30P10000	J	AA	Screw,ø3×10mm
612	XJBSEF30P12000	J	AA	Screw,ø3×12mm
613	XJSSD30P10000	J	AA	Screw,ø3×10mm
614	XJBSD30P12000	J	AA	Screw,ø3×12mm
615	XEBSD30P10000	J	AA	Screw,ø3×10mm

ACCESSORIES/PACKING PARTS

QANTL0006AWZZ	J	AG	AM Loop Antenna
SPAKA0193AWZZ	J	AN	Packing Add.
SPAKC0640AWZZ	J	BC	Packing Case,Unit+Speaker [CD-K5W]
SPAKC0641AWZZ	J	BC	Packing Case,Unit+Speaker [CD-K5W for Australia/New Zealand]
SPAKC0642AWZZ	J	AR	Packing Case,Unit Only [CD-K5W]
SPAKC0643AWZZ	J	BC	Packing Case,Unit+Speaker [CD-C5W]
SPAKC0644AWZZ	J	BC	Packing Case,Unit+Speaker [CD-C5W for Australia/New Zealand]
SPAKC0645AWZZ	J	AS	Packing Case,Unit Only [CD-C5W]
SPAKP0032AWZZ	J	AF	Polyethylene Bag,Unit
SPAKZ0375AWZZ	J	AF	Pad,Changer
SPAKZ0378AWZZ	J	AE	Pad,Protection B
TINST0037AWZZ	J	AL	Operation Manual [CD-K5W for Thailand]
TINSZ0300AWZZ	J	AR	Operation Manual [CD-K5W Except for Thailand]
TINSZ0301AWZZ	J	AR	Operation Manual [CD-C5W]
TLABE0234AWZZ	J	AB	Label,Bar Code [CD-K5W]
TLABE0235AWZZ	J	AB	Label,Bar Code [CD-C5W]
TLABJ0001AWZZ	J	AB	Label,SHARP Corporation JAPAN [Chile/Peru/Bolivia Only]
TLABR0968AWZZ	J	AB	Label,Bar Code [CD-K5W]
TLABR0970AWZZ	J	AB	Label,Bar Code [CD-C5W]
TLABS0091AWZZ	J	AB	Label,Set NOM
TLABS0092AWZZ	J	AB	Label,Carton NOM [Mexico Only]

NO.	PARTS CODE	★	PRICE RANK	DESCRIPTION
	TLABS0157AWZZ	J	AB	Label,CPA [CD-K5W]
	TLABS0158AWZZ	J	AB	Label,CPA [CD-C5W]
	TLABZ0427AWZZ	J	AC	Label,Feature [CD-C5W Except for Australia/ New Zealand]
	TLABZ0429AWZZ	J	AC	Label,Feature [CD-K5W Except for Australia/ New Zealand]
	TLABZ0452AWZZ	J	AC	Label,Feature [CD-K5W for Australia/New Zealand]
	TLABZ0453AWZZ	J	AC	Label,Feature [CD-C5W for Australia/New Zealand]
	TLABZ0463AWZZ	J		Label,Carton [CD-C5W for Taiwan Only]
	TLSTS0011AWZZ	J	AB	S/S List [Taiwan Only]
	TMAPC0109AWZZ	J	AC	Schematic Diagram A [Australia/Thailand Only]
	TMAPC0110AWZZ	J	AC	Schematic Diagram B [Australia/Thailand Only]
	TMAPC0111AWZZ	J	AC	Schematic Diagram C [Australia/Thailand Only]
	TMAPC0112AWZZ	J	AC	Schematic Diagram D [Australia/Thailand Only]
	92LBAG1460C1	J	AB	Polyethylene Bag,Accessories
	92LBAG760C	J	AA	Polyethylene Bag,AC Plug Adaptor [For Saudi Arabia Only]
	92LFANT1746A	J	AD	FM Antenna
	92LG-CARD1266E	J	AB	Warranty Card [Australia/New Zealand Only]
	92LLABL372C	J	AB	Label,Serial No.
	92LPLUG027	J	AD	Adaptor,AC Plug [For Saudi Arabia]
	92LPLUG155A	J	AG	Adaptor,AC Plug [For Middle South America]
	RRMCG0127AWSA	J	AX	Remote Control
	92LLID1782A	J	AQ	Battery Lid,Remote Control

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

PWB-A1-3	92LPWB2775DPLS	J	—	Display/CD Switch/Headphone (Combined Ass'y) [CD-K5W]
PWB-A1-3	92LPWB2821DPLS	J	—	Display/CD Switch/Headphone (Combined Ass'y) [CD-C5W]
PWB-B	92LPWB2775MANS	J	—	Main [CD-K5W]
PWB-B	92LPWB2821MANS	J	—	Main [CD-C5W]
△ PWB-C1-4	92LPWB2775PWRS	J	—	Power Amp./Power Supply/CD Servo/CD Digital (Combined Ass'y) [CD-K5W]
△ PWB-C1-4	92LPWB2821PWRS	J	—	Power Amp./Power Supply/CD Servo/CD Digital (Combined Ass'y) [CD-C5W]
PWB-D	92LPWB2775TUNS	J	—	Tuner [CD-K5W]
PWB-D	92LPWB2821TUNS	J	—	Tuner [CD-C5W]
PWB-E	QPWBF0027AWZZ	J	AD	CD Motor (PWB Only)
PWB-F	QPWBF0322AWZZ	J	AC	Tray Switch (PWB Only)
PWB-G	92PFF567-613	J	AV	Tape 1 Mechanism
PWB-H	92PFF567-612	J	AX	Tape 2 Mechanism
PWB-J	92LPWB2775KARS	J	—	Karaoke [CD-K5W Only]
PWB-K	92LPWB2775LOGS	J	—	Pro Logic [CD-K5W]
PWB-L	92LPWB2821LOGS	J	—	Pro Logic [CD-C5W]
PWB-L	92LPWB2775PSCS	J	—	Amp. [CD-K5W]
PWB-L	92LPWB2821PSCS	J	—	Amp. [CD-C5W]

NO.	PART CODE	★ PRICE RANK	DESCRIPTION
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CP-C5W**SPEAKER BOX PARTS (Front Speaker)**

901	92L201L0CPC310	J	AX	Net Frame Ass'y,Left
901	92L201R0CPC310	J	AX	Net Frame Ass'y,Right
902	92L200L0CPC310	J	BE	Front Panel Ass'y,Left
902	92L200R0CPC310	J	BE	Front Panel Ass'y,Right
903	92L100L2CPC310	J	BF	Speaker Box Ass'y,Left
903	92L100R2CPC310	J	BF	Speaker Box Ass'y,Right
904	92L23036099010	J	AC	Holder,Catcher
905	92L22000CPC300	J	AD	Cushion,Front Panel
906	92L21000CPC300	J	AR	Holder,Woofer
907	92L6000CPC5W00	J		Label,Specification
908	92L3141CPC3W10	J		C1+Cord Ass'y (2.2 μF,100V,Film Capacitor)
909	92L44090210100	J	AE	Port Cushion
910	92L44210310100	J	AD	Cushion,Speaker Cord
911	92L411B930100P	J	AC	Screw,ø3×10mm
912	92L411B140100P	J		Screw,ø4×10mm
913	92L411S84016AB	J	AD	Screw,ø4×16mm
914	92L411B840160P	J	AD	Screw,ø4×16mm
SP1,2	VSP0016WBE56A	J	BE	Woofer
SP3,4	VSP0050TBK06A	J	AX	Tweeter
SP5,6	92L303R0300G10	J	AS	Super Tweeter

ACCESSORIES/PACKING PARTS (Front Speaker)

92L3191CPC1W00	J		Speaker Cord Ass'y
92L6100CPC5W00	J		Label,Feature,Speaker
92L70032001400	J		Polyethylene Bag,Speaker
92L71525002900	J		Mirror Mat Sheet
92L720FCPC3W00	J	AN	Packing Add.,Front,Speaker
92L720RCPC3W00	J	AN	Packing Add.,Rear,Speaker
92L7300CPC5W10	J		Packing Case,Speaker
92L74231001700	J		Pad,Speaker

**SPEAKER BOX PARTS (Center Speaker)
(GBOXS0008AWM1)**

901	92L201C0CPC510	J		Net Frame Ass'y
902	92L200C0CPC510	J		Front Cabinet
903	92L11005C5WC00	J		Support Board
904	92L227C0CPC510	J		Rear Cabinet
905	92L314CCPC5W10	J		C1+Cord Ass'y (2.7 μF,100V,Film Capacitor)
906	92L332LY108B00	J		Terminal,Speaker
907	92L44190210300	J		Cushion,Leg
908	92L600CCPC5W00	J		Label,Specification
909	92L411B830120P	J		Screw,ø3×12mm
910	92L411B840200P	J		Screw,ø4×20mm
SP7	VSP0012WBF26A	J		Woofer
SP8	VSP0050TBK76A	J		Tweeter

**SPEAKER BOX PARTS (Surround Speaker)
(GBOXS0009AWM1)**

901	92L201R0CPC510	J		Net Frame Ass'y
902	92L200R0CPC510	J		Top Cabinet
903	92L227R0CPC520	J		Bottom Cabinet Ass'y
904	92L314SCPC5W10	J		Cord Ass'y
905	92L332LY108B00	J		Terminal,Speaker
906	92L44190210300	J		Cushion,Leg
907	92L600RCPC5W00	J		Label,Specification
908	92L411B830120P	J		Screw,ø3×12mm
909	92L411B840160P	J	AD	Screw,ø4×16mm
SP9,10	VSP0010PBV0CA	J		Full-Range

**ACCESSORIES/PACKING PARTS
(Center/Surround Speaker)**

92L3191CPC5W10	J		Speaker Cord Ass'y
92L70032001710	J		Polyethylene Bag,Surround Speaker
92L70032001810	J		Polyethylene Bag,Center Speaker
92L720FC5WSR00	J		Packing Add.,Front,Speaker
92L720RC5WSR00	J		Packing Add.,Rear,Speaker

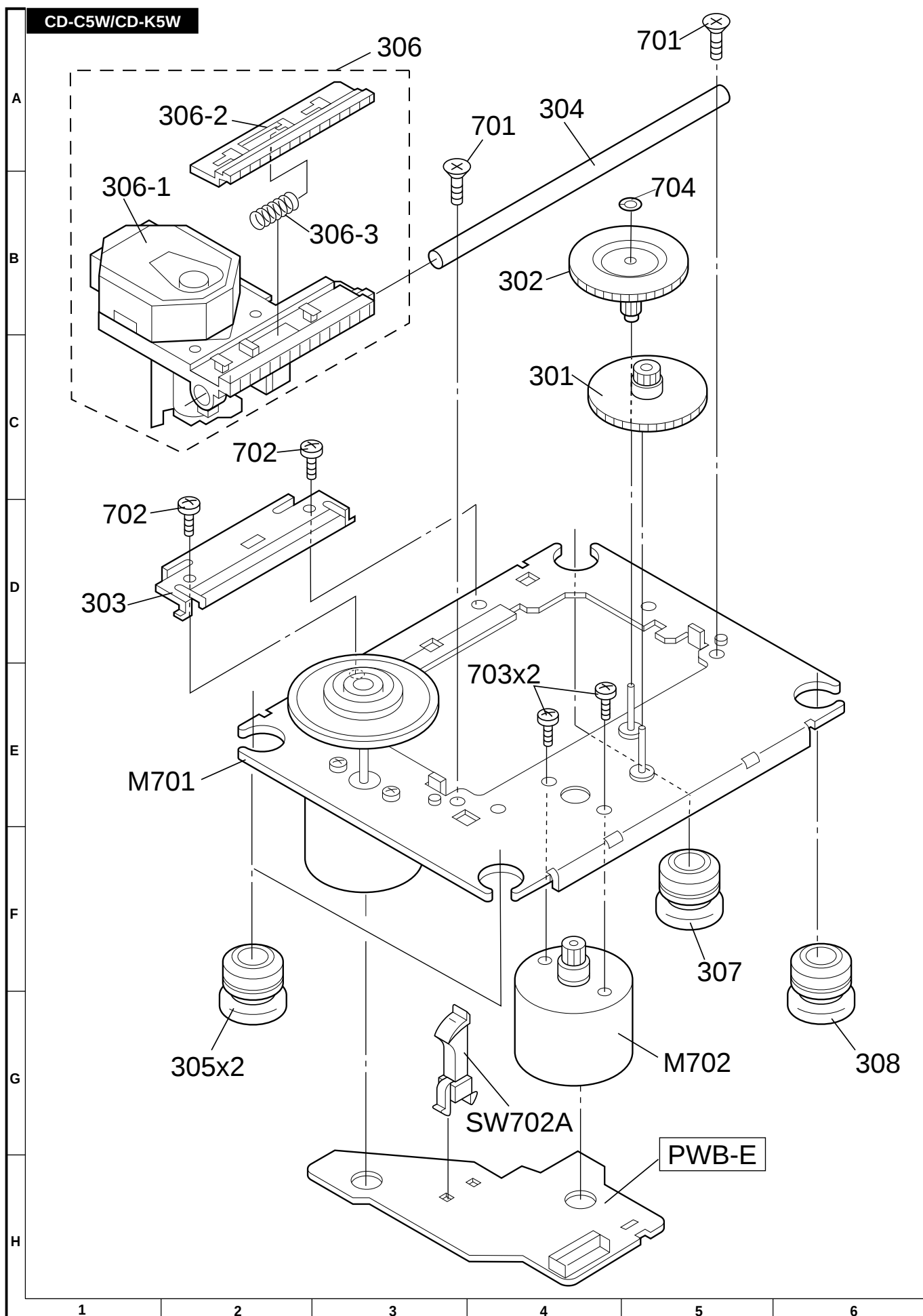


Figure 13 CD MECHANISM EXPLODED VIEW



CD-C5W/CD-K5W,CP-C5W

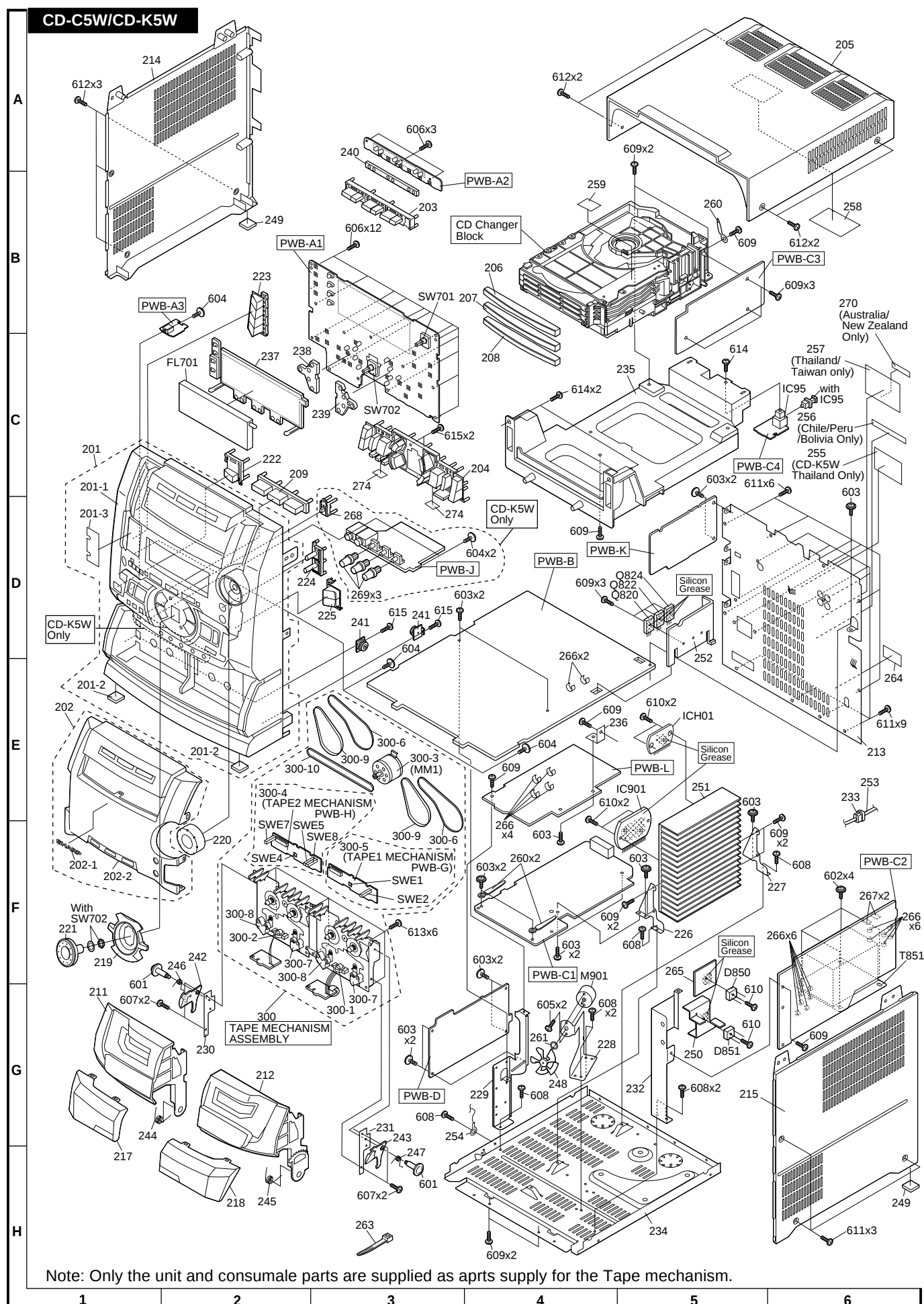


Figure 15 CABINET EXPLODED VIEW

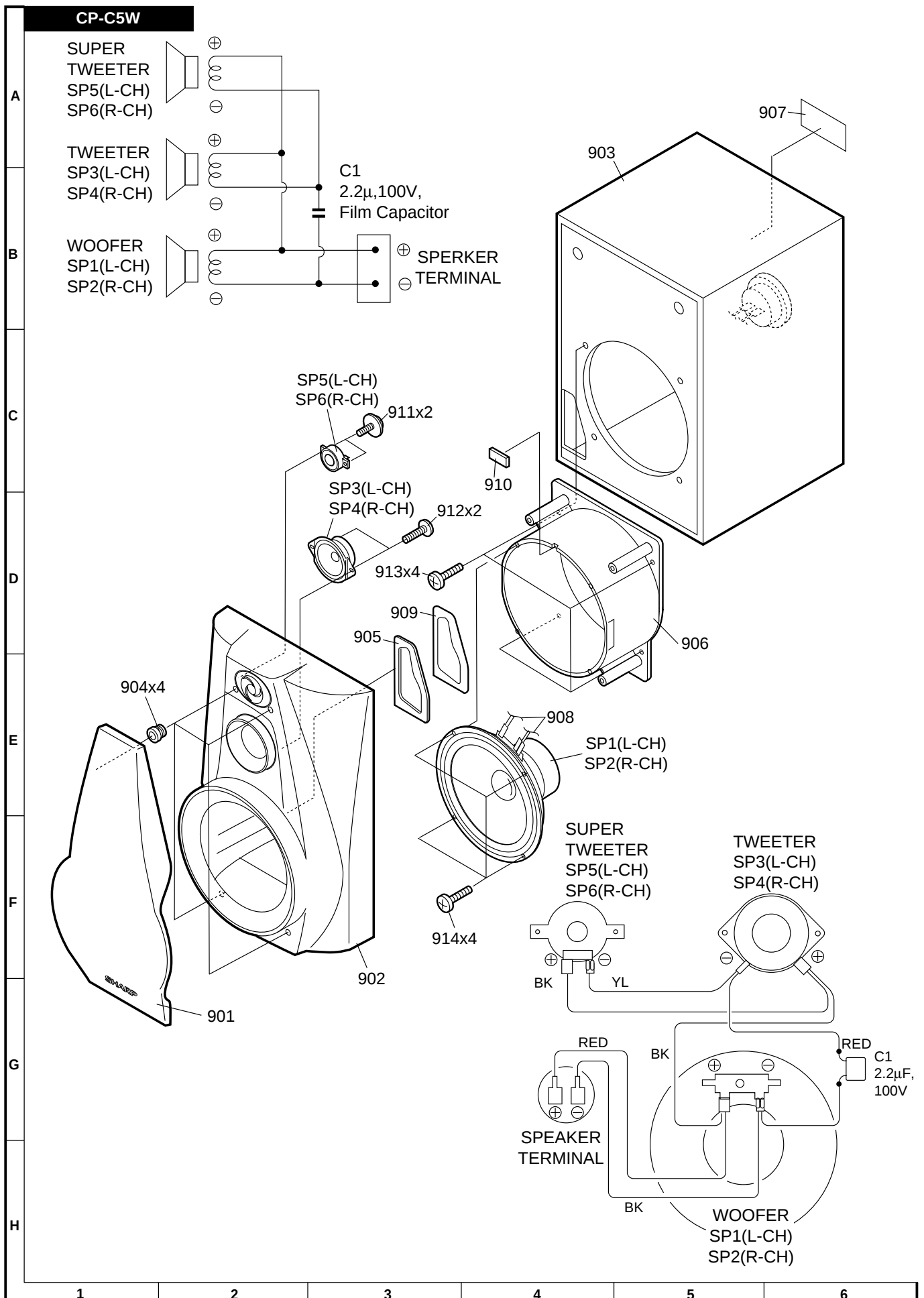


Figure 16 FRONT SPEAKER EXPLODED VIEW

GBOXS0008AWM1

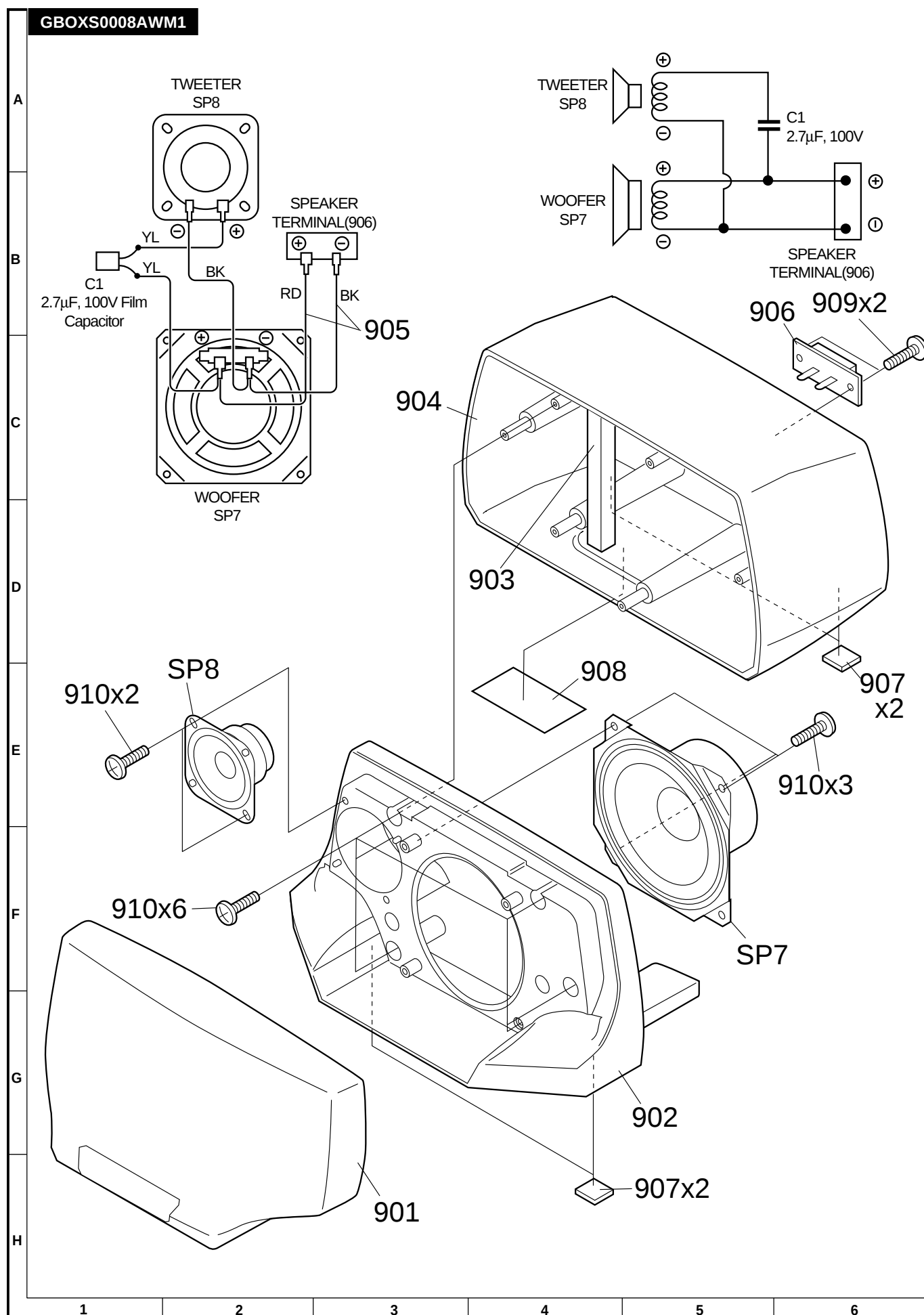


Figure 17 CENTER SPEAKER EXPLODED VIEW

GBOXS0009AWM1

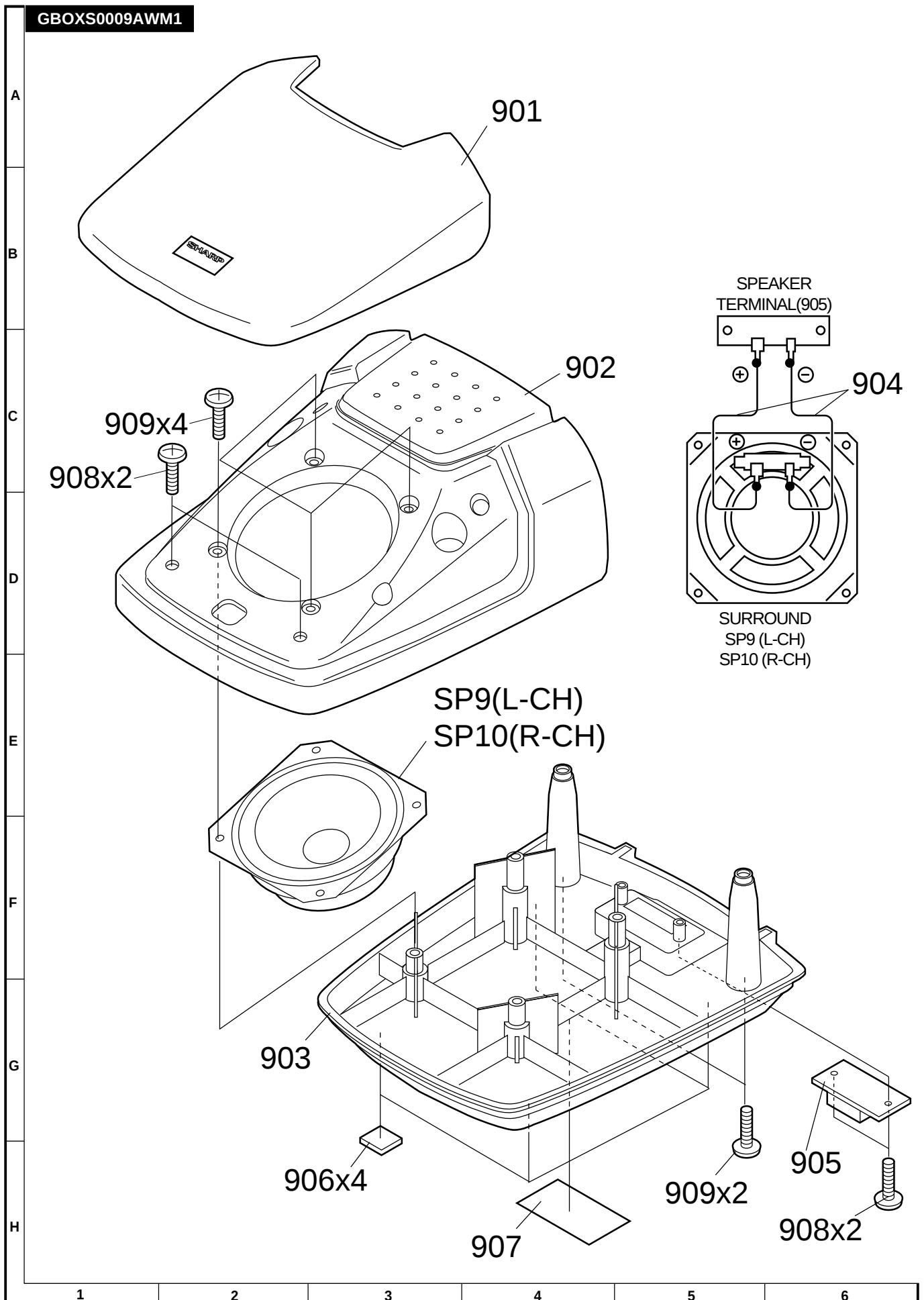


Figure 18 SURROUND SPEAKER EXPLODED VIEW

CD-C5W/CD-K5W,CP-C5W

- MEMO -

- MEMO -

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