

Service Manual

AUTO PRODUCTS

CQ-RDP700LEN
CQ-RDP750LEN



Radio Data System Digital Control Receiver / CD Player
Digital gesteuertes Radio-Datensystem Autoradio / CD-Spieler



< CQ-RDP750LEN >

- NTT has applied for trademark registration for MASH.

DIMENSIONS \ ГАБАРИТЫ
SPECIFICATIONS \ ТЕХНИЧЕСКИЕ ХАРАКТЕРИСТИКИ
OPERATING INSTRUCTIONS \ РУКОВОДСТВО ПО ЭКСПЛУАТАЦИИ
BLOCK DIAGRAM (CD DECK BLOCK) \ БЛОК-СХЕМА (БЛОК CD ДЕКИ)
BLOCK DIAGRAM (MAIN BLOCK) \ БЛОК-СХЕМА (ОСНОВНОЙ БЛОК)
SCHEMATIC DIAGRAM (DISPLAY BLOCK) \ ПРИНЦИПИАЛЬНАЯ СХЕМА (БЛОК ДИСПЛЕЯ)
SCHEMATIC DIAGRAM (MAIN BLOCK) \ ПРИНЦИПИАЛЬНАЯ СХЕМА (ОСНОВНОЙ БЛОК)
VOLTAGE IN THE CHECK POINTS \ НАПРЯЖЕНИЕ В КОНТРОЛЬНЫХ ТОЧКАХ
OPERATION OF LSI \ ЦОКОЛЕВКА И ФУНКЦИОНАЛЬНОЕ НАЗНАЧЕНИЕ ВЫВОДОВ
МИКРОСХЕМ
ALIGNMENT PROCEDURE \ МЕТОДИКА НАСТРОЙКИ
ALIGNMENT POINT \ ТОЧКИ НАСТРОЙКИ
IC BLOCK DIAGRAM \ БЛОК - СХЕМЫ МИКРОСХЕМ
REPLACEMENT PARTS LIST \ СПИСОК ЗАПАСНЫХ ЧАСТЕЙ
EXPLODED VIEW (UNIT) \ СБОРОЧНЫЙ ЧЕРТЕЖ (ОСНОВНОЙ БЛОК)
EXPLODED VIEW (CD DECK) \ СБОРОЧНЫЙ ЧЕРТЕЖ (БЛОК CD ДЕКИ)

Panasonic

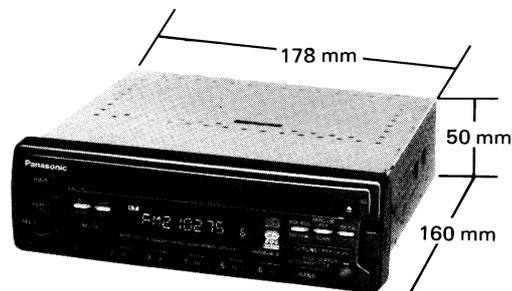
■ FEATURES

- PLL (Phase Locked Loop) Synthesized Tuning.
- 24-Stations Preset (18-FM, and 6-MW/LW).
- Radio Data System (PS, PI, AF, TP, TA, EON, PTY, CT).
- 32-times Oversampling MASH 1-Bit Dual DAC System.
- CD Changer Control (CQ-RDP750LEN).
- Electronic Control of Volume, Bass, Treble, Balance and Fader.
- Detachable Face Plate Security.

■ MERKMALE

- PLL-(Phase Locked Loop) Synthesizer-Abstimmung.
- 24 Festsender (18 für UKW und 6 für MW/LW).
- Radiodatensystem (PS, PI, AF, TP, TA, EON, PTY, CT).
- 32-faches Oversampling-MASH, 1-Bit Doppel-DAC-System.
- CD-Wechsler-Steuerung.
- Elektronische Regelung der Lautstärke, Bässe, Höhen, Balance und Überblendung.
- Sicherung für die abnehmbare Stirnplatte.

DIMENSIONS / ABMESSUNGEN



Specifications*

General

Power Supply	: DC 12V (11V - 16V), Test Voltage 14.4V Negative Ground
Maximum Power Output	
(CQ-RDP700LEN):	4 × 20W
(CQ-RDP750LEN):	4 × 30W
Tone Action	: Bass: ± 10dB at 100Hz Treble: ± 10dB at 10kHz
Loudness Control	: + 8dB at 100Hz, + 6dB at 10kHz
Pre-Amp Output Voltage	: 1.4V (CD Operation ;1kHz, 0dB)
Output Impedance	: 600Ω
Current Consumption	: Less than 1.7A (CD Operation, 0.5W × 4 Output)

FM Stereo Radio

Frequency Range	: 87.5 - 108MHz
Intermediate Frequency	: 10.7MHz
Usable Sensitivity	: 5dB/μV (S/N 30dB)
FM Stereo Sensitivity	: 6dB/μV

MW Radio

Frequency Range	: 531 - 1,602kHz
Intermediate Frequency	: 450kHz
Usable Sensitivity	: 26dB/μV (25μV, S/N 20dB)

LW Radio

Frequency Range	: 153 - 279kHz
Intermediate Frequency	: 450kHz
Usable Sensitivity	: 30dB/μV (25μV, S/N 20dB)

CD Player

Sampling Frequency	: 32 times oversampling
DA Converter	: MASH-1bit/4 DAC System
Error Correction System	: Panasonic Super Decoding Algorithm
Pick-Up Type	: Astigma 3-beam
Light Source	: Semiconductor laser
Wavelength	: 780 nm
Frequency Response	: 20Hz to 20,000Hz (± 1dB)
Signal to Noise Ratio	: 96dB
Total Harmonic	
Distortion	: 0.01% (1kHz)
Wow and Flutter	: Below measurable limits
Channel Separation	: 75dB

Dimensions**

Main unit	: 178 (W) × 50 (H) × 160 (D) mm
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Weight**

Main unit	: 1.7kg
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* Specifications and the design are subject to possible modification without notice due to improvements.

** Dimensions and Weight shown are approximate.

Technische Daten*

Allgemeines

Spannungsversorgung	: 12V (11V - 16V), Gleichspannung, Testspannung 14,4V, negative Erdung
Höchstausgangsleistung	
(CQ-RDP700LEN)	: 4 × 20W
(CQ-RDP750LEN)	: 4 × 30W
Klangregelung	: Bässe: ± 10dB bei 100Hz Höhen: ± 10dB bei 10kHz
Loudness-Regelung	: + 8dB bei 100Hz, + 6dB bei 10kHz
Vorverstärker	
Ausgangsspannung	: 1.4 V (CD-Betrieb, 1kHz, 0dB)
Ausgangsimpedanz	: 600Ω
Leistungsaufnahme	: Weniger als 1,7A (CD- Betrieb 0,5W × 4 Ausgang)

UKW-Stereo-Tunerteil

Frequenzbereich	: 87,5 - 108MHz
Zwischenfrequenz	: 10,7MHz
Anwendbar Empfindlichkeit	: 5dB/μV(Signal /Rauschabstand / 30dB)
UKW-Stereo Empfindlichkeit:	6dB/μV

MW-Tunerteil

Frequenzbereich	: 531 - 1.602kHz
Zwischenfrequenz	: 450kHz
Anwendbar Empfindlichkeit	: 26dB/μV (25μV, Signal /Rauschabstand 20dB)

LW-Tunerteil

Frequenzbereich	: 153 - 279kHz
Zwischenfrequenz	: 450kHz
Anwendbar Empfindlichkeit	: 30dB/μV (25μV, Signal /Rauschabstand 20dB)

CD Spieler

Abtastfrequenz	: 32-fach Oversampling
D/A-Wandler	: MASH-1bit/4 DAW- System
Fehlerkorrekturverfahren	: Panasonic Super Decoding Algorithm
Abtastsystem	: Astigma-Dreistrahl
Lichtquelle	: Halbleiter-Laser
Wellenlänge	: 780 nm
Frequenzgang	: 20Hz bis 20.000Hz (± 1dB)
Signal/Rauschabstand	: 96dB
Klirrgrad	: 0,01% (1kHz)
Gleichlaufschwankungen	: Unter der Meßgrenze
Kanaltrennung	: 75dB

Abmessungen**

Haupteinheit	: 178 (B) × 50 (H) × 160 (T) mm
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Gewicht**

Haupteinheit	: 1,7kg
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* Technische Daten und Ausführung können sich ändern ohne besondere Ankündigung bei gebührenden Verbesserungen.

** Abmessungen und Gewicht in angenäherten Wertenangaben.

Conditions of Display

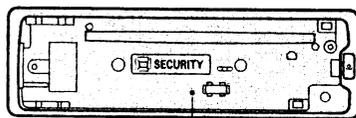
DISPLAY	DESCRIPTION
	This mark is displayed when displaying the title of the disc whose title has not been input previously. Excepting the CD LIST display mode.
	This mark is displayed before displaying the title of the disc that has not been played at all as yet in spite of setting made in the magazine. (6 represents disc number in the CD changer mode.)
	When 30 titles have already been stored in the memory. The memory is full. You must remove the old title to make room for the new one by following the procedure below. ① Press the TITLE button for more than 2 seconds. The display changes as shown below. "TITLE" (for 1 second) ↓ "FULL" (blinks for 3 seconds) ↓ "1st title" ② Press TITLE each time to find a title you want to replace. ③ When you find the title, press TITLE for more than 2 seconds for cancellation. ④ Change the title by repeating the CD Title Input procedure ① through ④ on page 10.
	Illuminated during loading of disc into the CD slot.
	Illuminated during disc ejection.

Error Display

DISPLAY	DESCRIPTION
	Blinks when the compact disc is dirty or when it is inverted. After blinking for 5 seconds, the disc is ejected automatically.
	Blinks when the compact disc has a scratch on it. After blinking for 5 seconds, the disc is ejected automatically.
	Illuminated when the unit stops operating for some reason. Press ▲ (eject) button or reset switch on this unit. If it will not eject and the "E-3" reappears, there should be something wrong.

Reset Switch

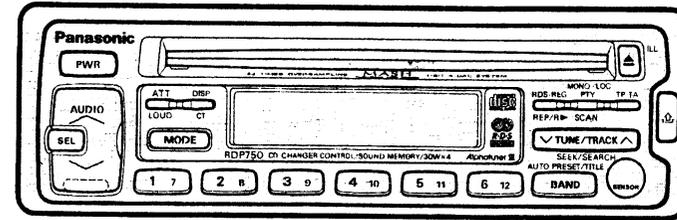
The unit is provided with the Reset Switch. Remove the removable face plate by following the procedure on the right side. Press the Reset switch, using a pointed object, when the unit will not accept a disc or when any of the disc operating buttons fail to operate.



Reset Switch

Anti-Theft System

This unit is equipped with a removable control unit. By removing this unit when the vehicle is unattended the radio becomes totally inoperable.



To Remove the Removable Face Plate

- Switch off the power.
- Press the DETACH (⏏) button. The removable face plate will be released.

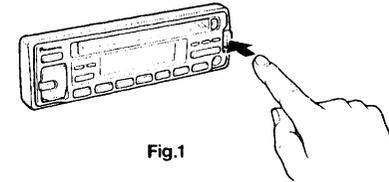


Fig.1

- Remove the removable face plate by pulling on the right side of the unit. Place the removable face plate in a supplied case.

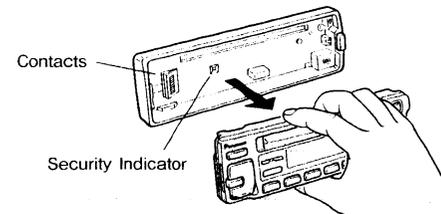


Fig.2

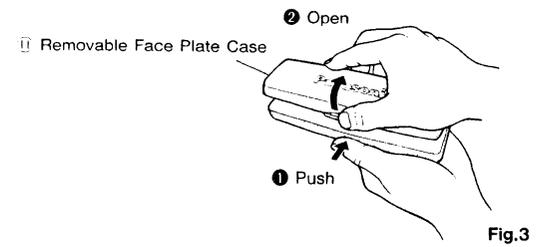
Switching Security Indicator:

When the removable face plate is removed from the unit, the security indicator will blink. With the car turned on, press the SEL button for 2 seconds repeatedly to change the display (appearing for 2 seconds) as follows, thus switching the security indicator to on/off.

Display	Security Indicator
ALRM ON	Illuminates
↑	
ALRM OFF	Disappears

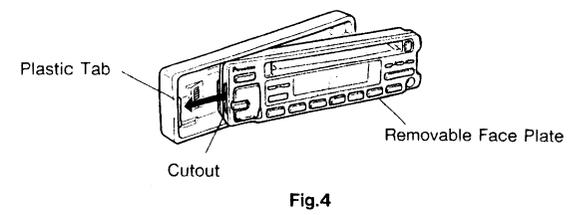
Anti-Theft System (Cont'd.)

④ As shown in Fig.3, gently push the lower side of the case and open its cover. Keep the removable face plate in the case. Then, you can bring the plate safely.

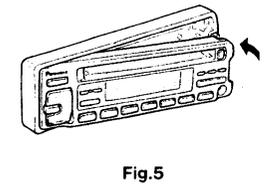


To install the Removable Face Plate

① Slide the left side of the removable face plate in place.



② Press the right end of removable face plate until it locks in place.



Caution:

1. Before removing the removable face plate, make sure the power is off.
2. This removable face plate is not water-proof. Do not expose it to water or excessive moisture.
3. Do not remove the removable face plate, while driving your car.
4. Do not place the removable face plate on the dashboard or nearby areas where the temperature rises to high levels.
5. Do not touch the contacts on the removable face plate or on the main unit, since this may result in poor electrical contacts.
6. If dirt or other foreign substances get on the contacts, wipe them with a clean, dry cloth.

Installation

Preparation

- Before installation check the radio operation with antenna and speakers.
- Disconnect the cable from the negative (-) battery terminal (see caution below).

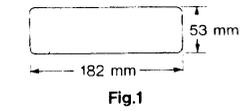
Caution:

For installation to cars with trip or navigational computers, all electronic memory settings previously registered in the computer will be lost when the battery terminal is disconnected. For this type of car, battery could not be disconnected. Therefore, extra care should be taken to prevent short circuiting.

In-dash Installation

Installation Opening

In-dash installation can be done if the car's dashboard has an opening for this unit as shown in Fig. 1. The car's dashboard should have a thickness of 4.5mm - 6mm in order to make the installation of the unit.



Installation Precautions

This equipment, if possible, should be installed by a professional installer.

1. This system is to be used only in a 12-volt, DC battery system (car) with negative ground.
2. Follow the electrical connection on page 14 carefully. Failure to do so may result in damage to the unit.
3. Connect the power lead after other connections are made.
4. Be sure to connect the YELLOW lead to the positive terminal (+) of the battery of fuse block (BAT) terminal.
5. Insulate all exposed wires to prevent short circuiting.
6. Secure all loose wires after installing the unit.
7. Please carefully read the operating and installation instructions of the respective equipment before connecting it to this unit.

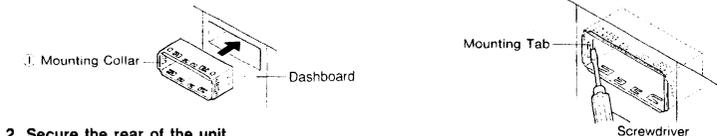
Supplied Hardwares

No.	Item	Diagram	Q ty	No.	Item	Diagram	Q ty
①	Mounting Collar		1	⑦	Toothed Lock Washer (5mmφ)		1
②	Plain Washer (5mmφ)		2	⑧	Mounting Bolt (M5)		1
③	Spring Washer (5mmφ)		2	⑨	Power Connector		1
④	Hex. Nut (5mmφ)		2	⑩	Dismounting Pin		1
⑤	Rear Support Strap		1	⑪	Removable Face Plate Case		1
⑥	Hex. Bolt (5mmφ × 25mm)		1				

Installation Procedures

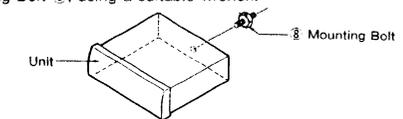
1. Secure the Mounting Collar ①.

Insert Mounting Collar ① into the car's dashboard, and bend mounting tabs out with a screwdriver.

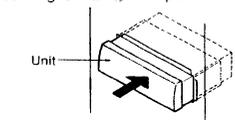


2. Secure the rear of the unit.

- a) Check the electrical connection by referring to this operating instructions.
- b) Connect the Mounting Bolt ⑧, using a suitable wrench.



- c) Insert the unit into Mounting Collar ① and push it in until "click" is heard.

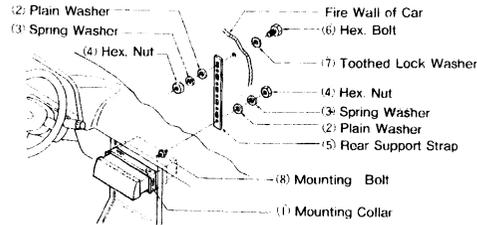


- d) Secure the rear of the unit to the car by either of the two recommended methods on the next page.

Installation (Cont'd.)

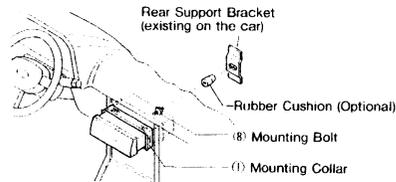
■ Using the Rear Support Strap (5)

Affix one end of the Rear Support Strap (5) to the rear of the unit, and the other end to the Fire Wall of Car, or some other metallic area.

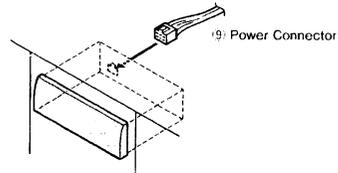


■ Using the Rubber Cushion (Optional)

(If there is an existing Rear Support Bracket on the Fire Wall of Car.)
Cover Mounting Bolt (8) on the rear of the unit with Rubber Cushion (Optional), and mount it into the existing Rear Support Bracket.



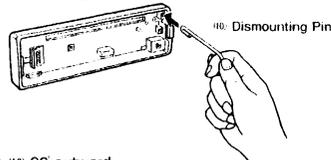
3. Plug the Power Connector (9).



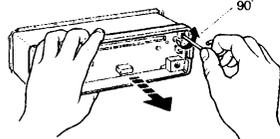
4. After installation reconnect the negative (-) battery terminal.

To Remove the Unit

- Press the DETACH () button to remove the Removable Face Plate. (See Page 12.)
- Insert Dismounting Pin (10) into the right hole of the escutcheon. Push the Pin as far as possible.



- Turn the Dismounting Pin (10) 90° outward.



- Pull the Pin to remove the unit from the car's dashboard. Supporting the left end of the unit with your other hand, will facilitate its removal.

Note: Do not lose the Dismounting Pin. It will be needed to remove the unit from the car's dashboard.

Electrical Connection

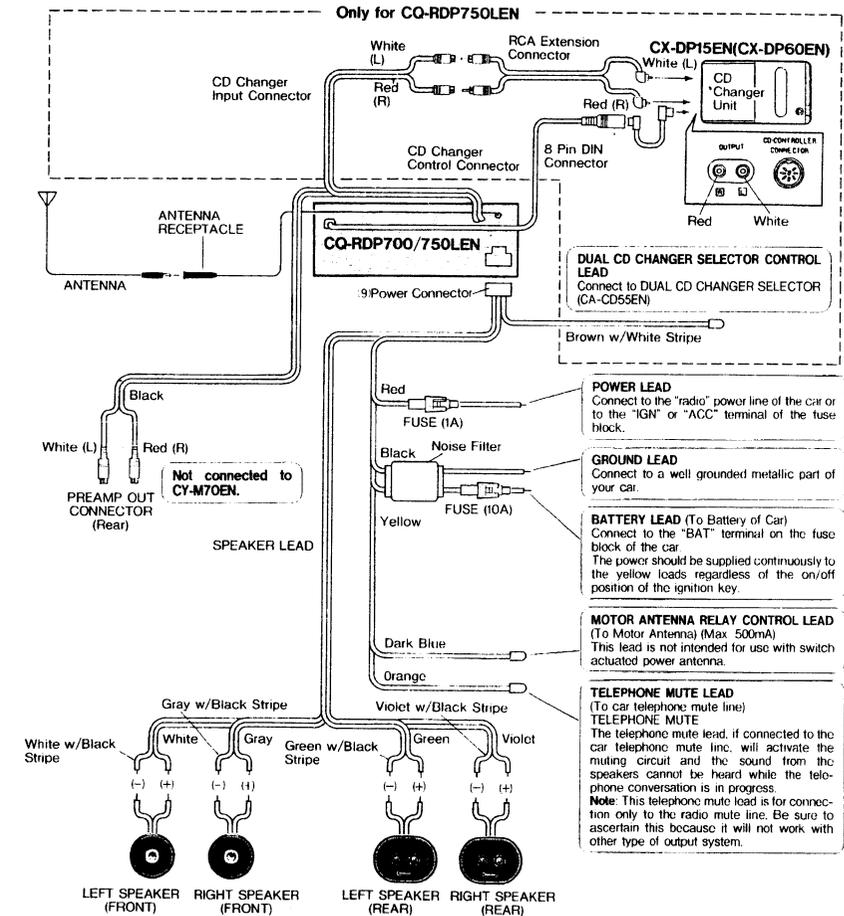
In combination with a CD Changer (CX-DP60EN or CX-DP15EN)(Only for CQ-RDP750LEN)

- This unit can be connected an optional CD changer (CX-DP60EN or CX-DP15EN).
- For connection to a CD changer, refer to the operating instructions of the CD changer (CX-DP60EN or CX-DP15EN).

Note: In combination with CX-DP15EN, the optional Remote Control Unit, CA-RC40EX, will be necessary for operation.

Caution:

- To prevent damage to the unit be sure to follow the connection diagram below.
- Be sure to insulate any exposed wires from a possible short-circuit from the car chassis. Bundle all cables and keep cable terminals free from touching any metal parts.

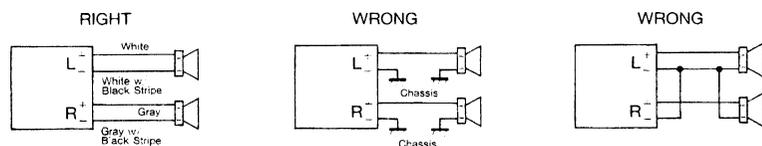


Speaker Connections

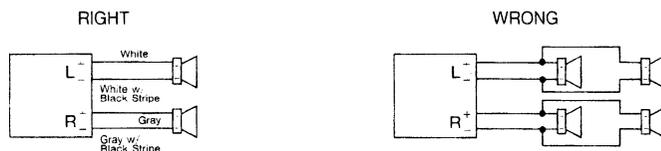
CAUTION:

1. Use ungrounded speakers only.
2. The speakers to be used with this unit should be able to handle more than 30W (CQ-RDP750LEN), 20W (CQ-RDP700LEN) of audio power. If an optional amplifier is used, the speakers should be able to handle the maximum output power of the amplifier. Use of speakers with small input ratings can cause damage to the speakers.
3. The speaker impedance should be 4 - 8 ohms. If the impedance is too large or too small, it affects the output and may cause damage to the speakers or this unit.
4. Do not use 3-wire type speaker system having a common earth lead. Never connect the speaker cord to the body of the car. This unit uses the BTCL circuit, so each speaker should be connected separately using parallel vinyl insulated cords.
5. The speaker cords and the power amplifier unit should be kept away (about 30cm apart) from the antenna and antenna extension cord.
6. Follow the connection diagram below carefully. Failure to do so may cause damage to both unit and speakers.

- Unit will be damaged if speakers (Front, Rear) are not connected properly.



- Do not connect more than one speaker to one set of speaker leads.



Fuse

Be sure to use a fuse of the specified rating (1A, 10A) when replacing a blown fuse. Fuses with higher capacity ratings, use of any substitute, or connection without a fuse may result in a fire hazard or damage to the unit. If the replacement fuse fails, consult your nearest authorized Panasonic Service Center.

Maintenance

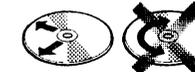
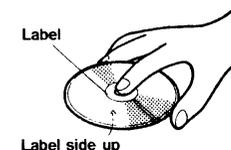
To clean the exterior of this unit, use a soft cloth to wipe the surface. Do not use benzine, thinner, or any other type of solvents.

Notes on Compact Discs

ONLY USE DISCS CARRYING LABEL SHOWN ON THE RIGHT



- Dirt, dust, scratches and bending of disc will cause misoperation. Handle discs with care.
- Do not place stickers or make scratches on disc.
- Do not bend discs.
- Disc should always be kept in the case when not in use to prevent from damaging.
- Do not place discs in the following places:
 1. Direct sunlight;
 2. Dirty, dusty and damp areas;
 3. Near car heaters;
 4. Seats and dashboard.

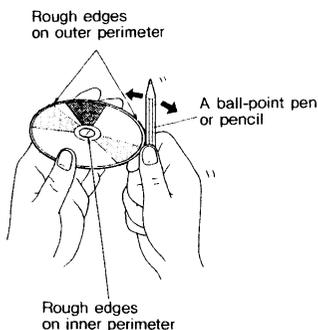


Disc Cleaning

Use a dry soft cloth to wipe the surface. If the disc is quite dirty use a soft cloth slightly dampened in isopropyl (rubbing) alcohol. Never use solvents such as benzine, thinner, conventional record cleaner, or mopper as they may mar the surface of the disc.

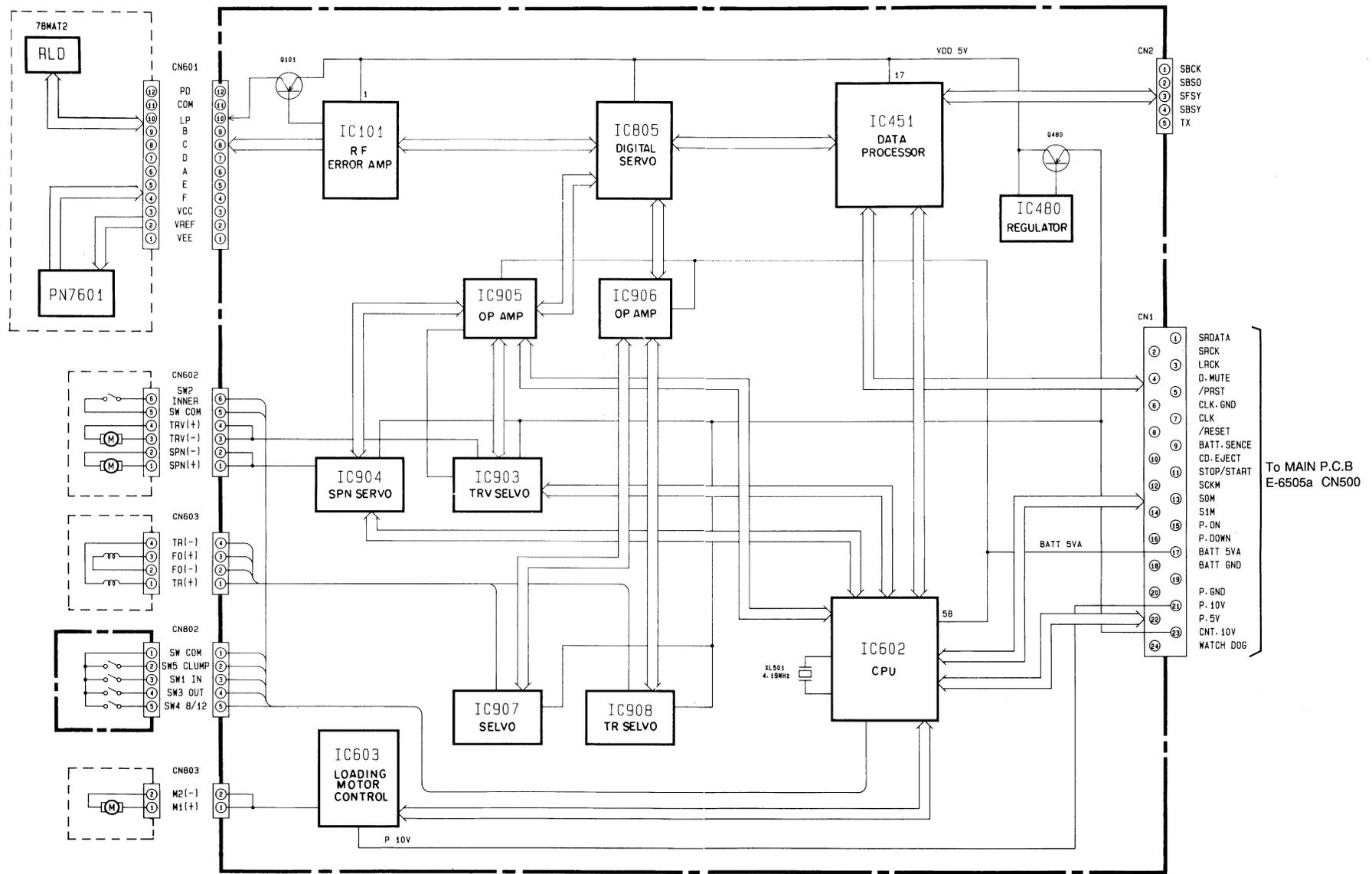
Caution for use of a new Disc

A new disc may have rough edges on its inner and outer perimeter. If a disc with rough edges is used, proper setting will not be possible and the CD player will not play the disc. Therefore, remove the rough edges in advance by using a ball-point pen or pencil as shown on right. To remove the rough edges, press the side of the pen or pencil against the inner and outer perimeter of the disc.



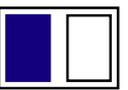
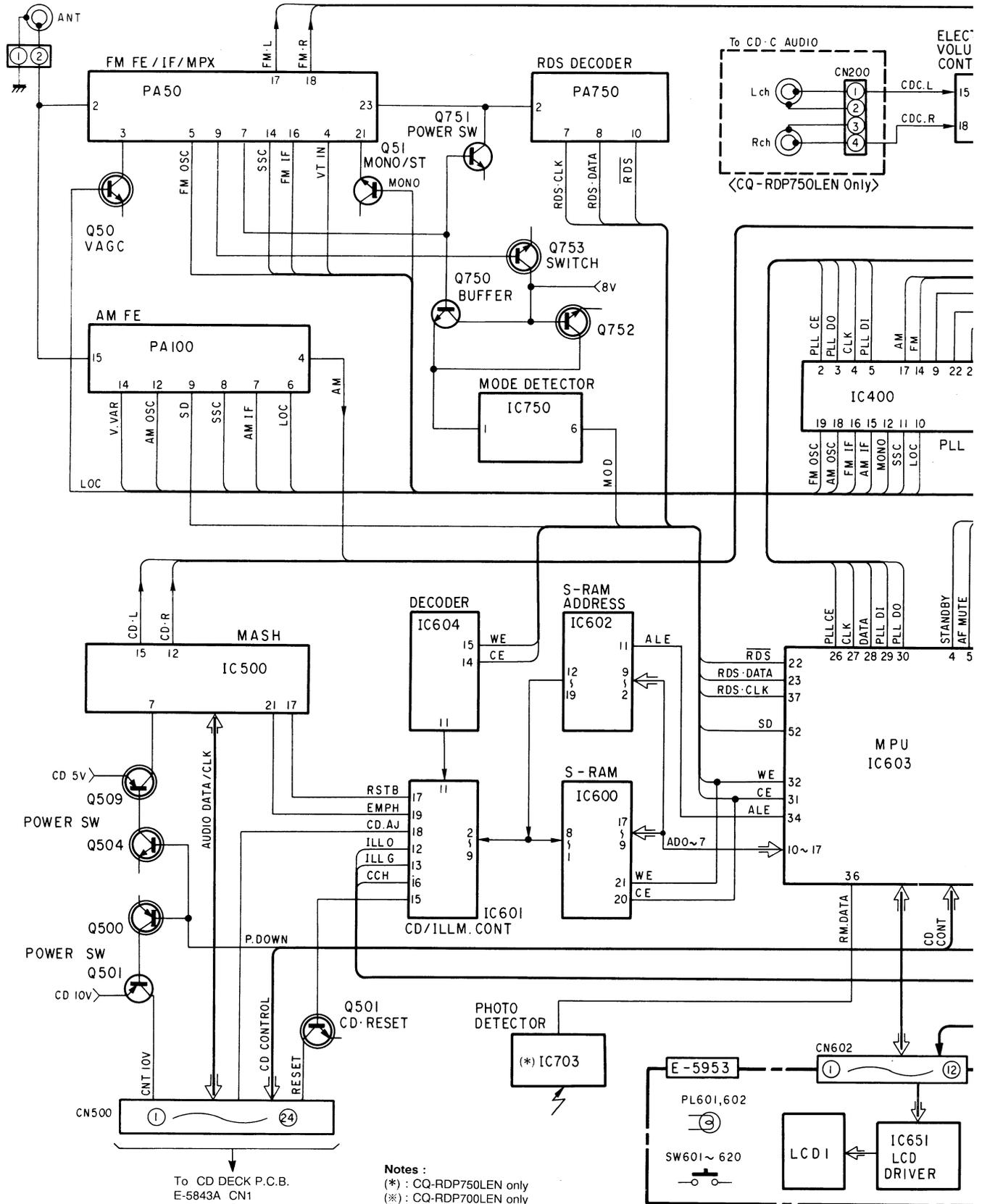
BLOCK DIAGRAM MODELS CQ-RDP700 / 750LEN (CD DECK BLOCK)

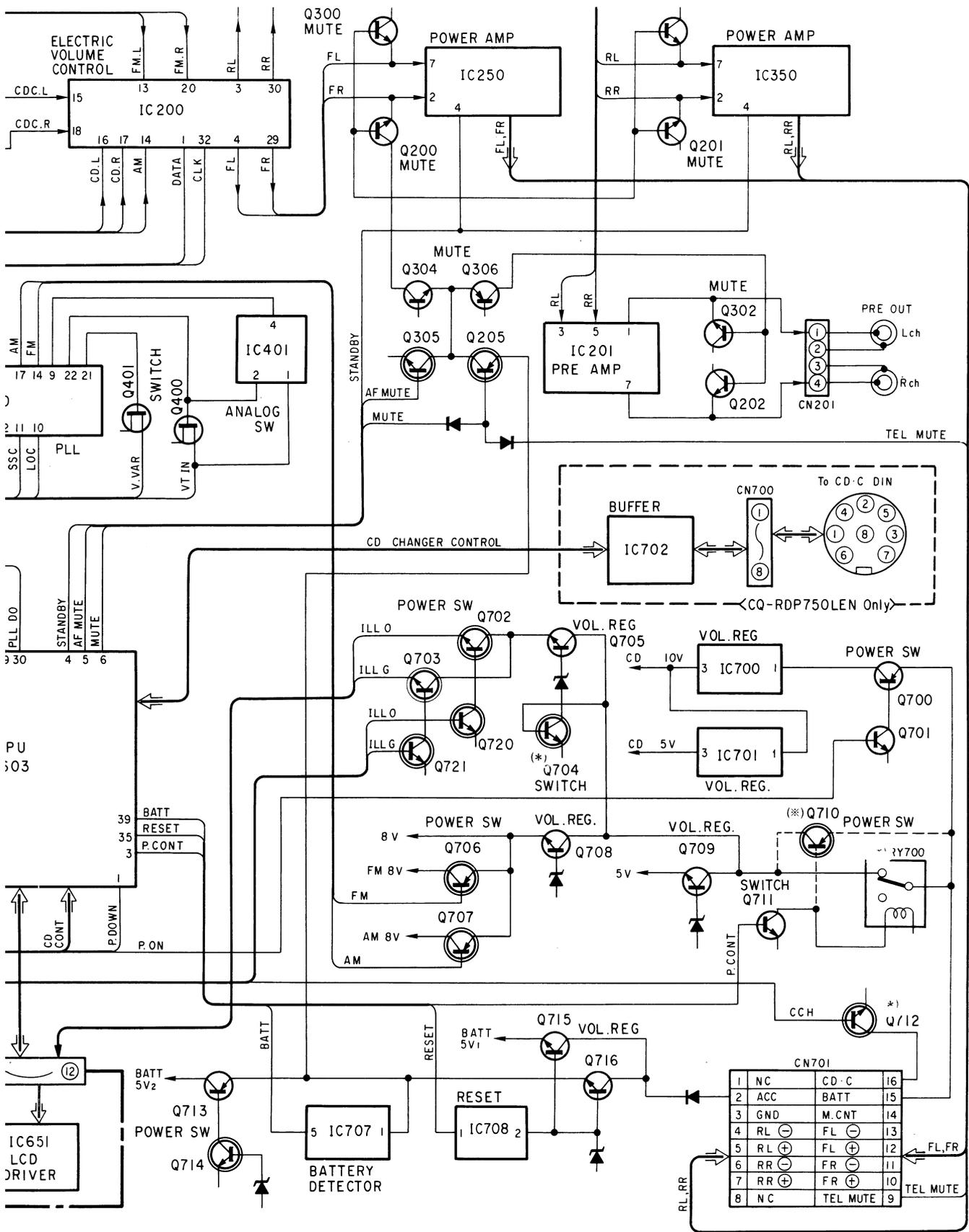
CQ-RDP700LEN
CQ-RDP750LEN



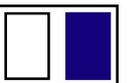
Radio Data System Digital Control Receiver / CD Player

BLOCK DIAGRAM MODELS CQ-RDP700 / 750LEN (MAIN BLOCK)

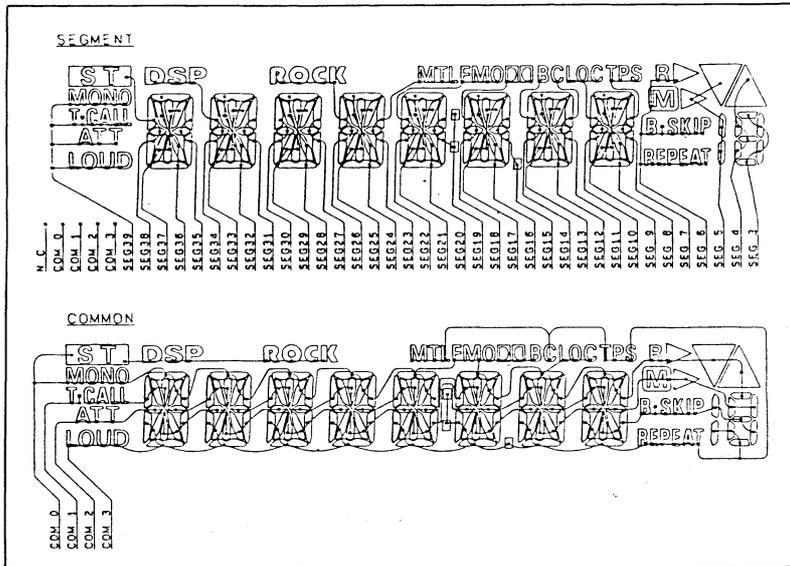




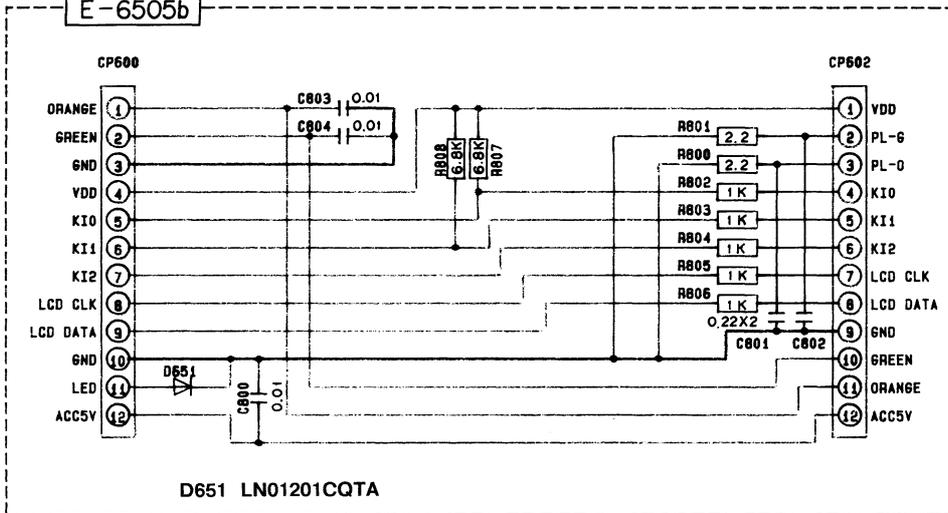
Radio Data System Digital Control Receiver / CD Player



SCHEMATIC DIAGRAM / SCHALTBILT MODELS CQ-RDP700 / 750LEN (DISPL



E-6505b



Notes1:

- Voltage measurements are with respect to ground, with a digital voltmeter, with controls set for normal operation, no signal applied, 14.4V DC power supply.
- Exact value determined by production process. This schematic diagram is the latest at the time of printing and subject to change without notice. Replace same value as original parts.

- Important safety notice: Components identified by Δ mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.

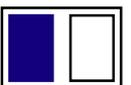
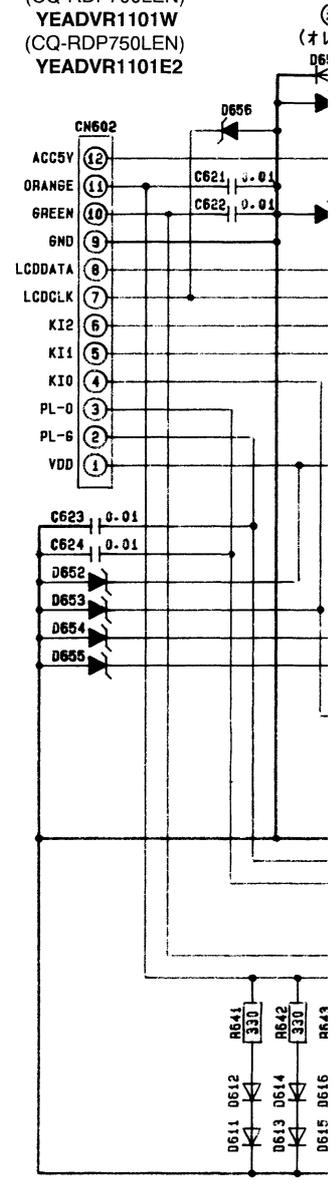
To MAIN P.C.B.
E-6505a CN600

E-5953

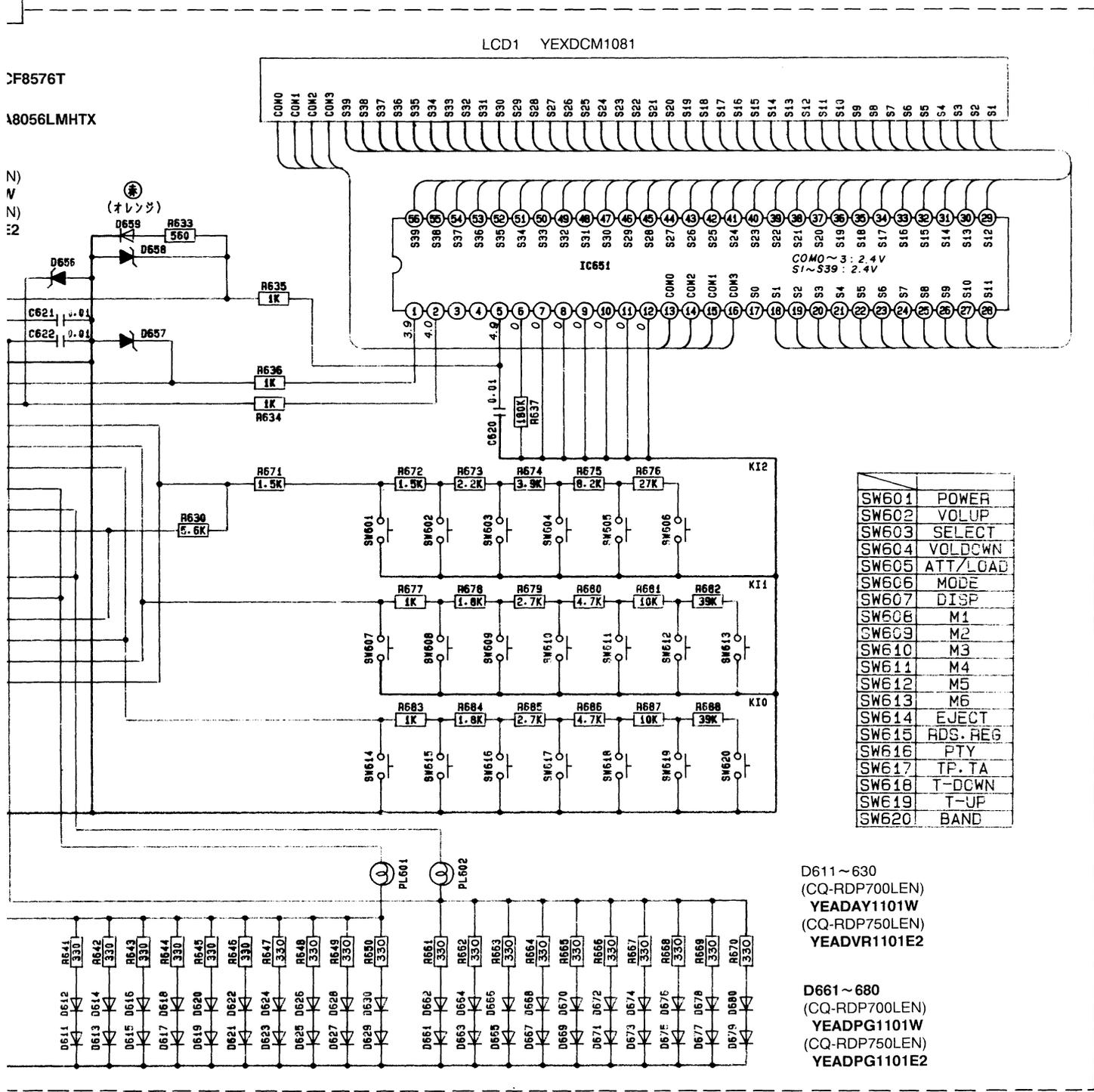
LCD DRIVER
IC651 YEAMPCF8576T

D652~658 M A8056LMHTX

D659
(CQ-RDP700LEN)
YEADVR1101W
(CQ-RDP750LEN)
YEADVR1101E2



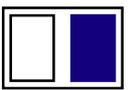
N (DISPLAY BLOCK)



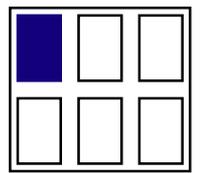
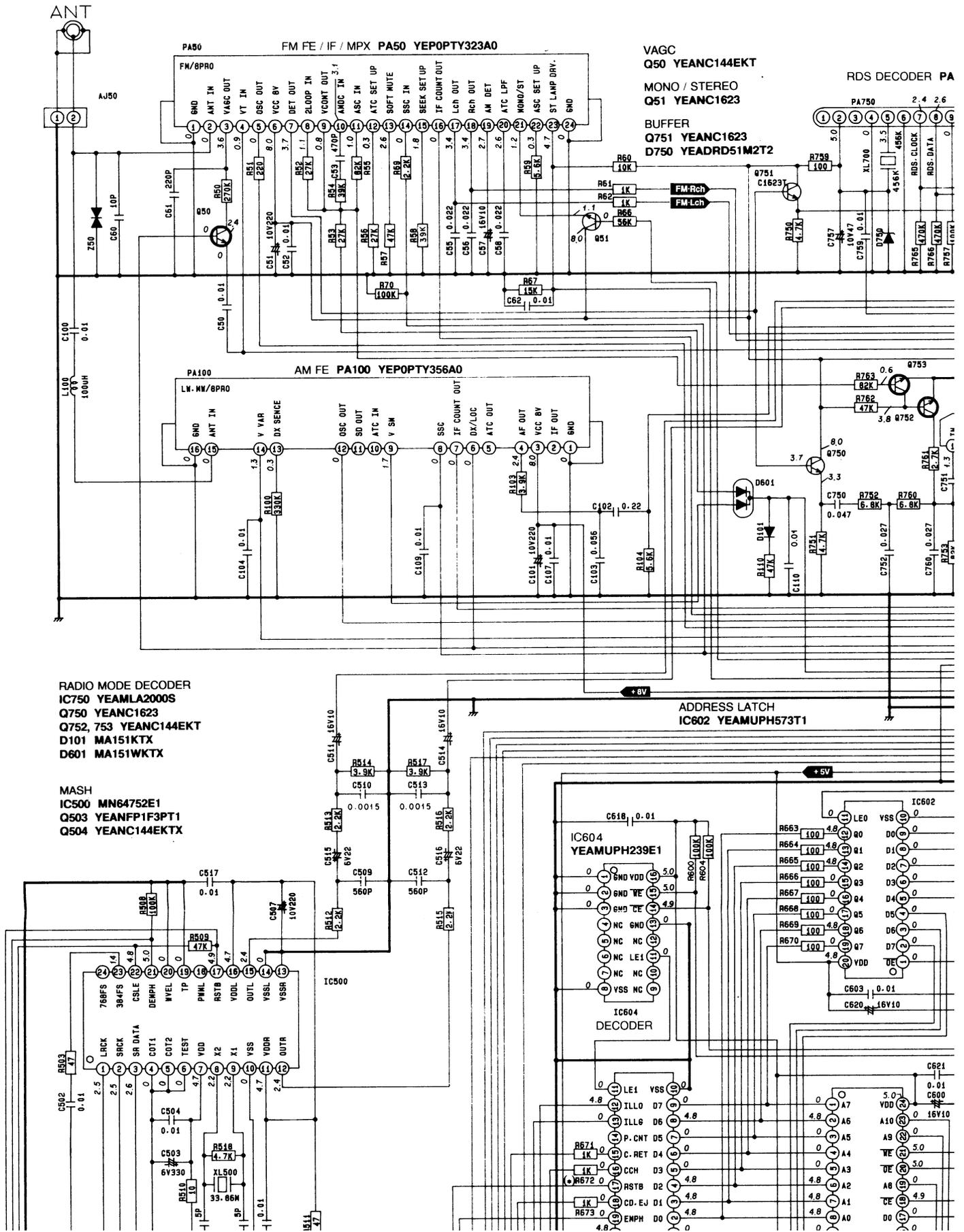
SW601	POWER
SW602	VOLUP
SW603	SELECT
SW604	VOLDOWN
SW605	ATT/LOAD
SW606	MODE
SW607	DISP
SW608	M1
SW609	M2
SW610	M3
SW611	M4
SW612	M5
SW613	M6
SW614	EJECT
SW615	RDS.REG
SW616	PTY
SW617	TP.TA
SW618	T-DCWN
SW619	T-UP
SW620	BAND

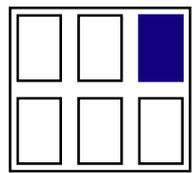
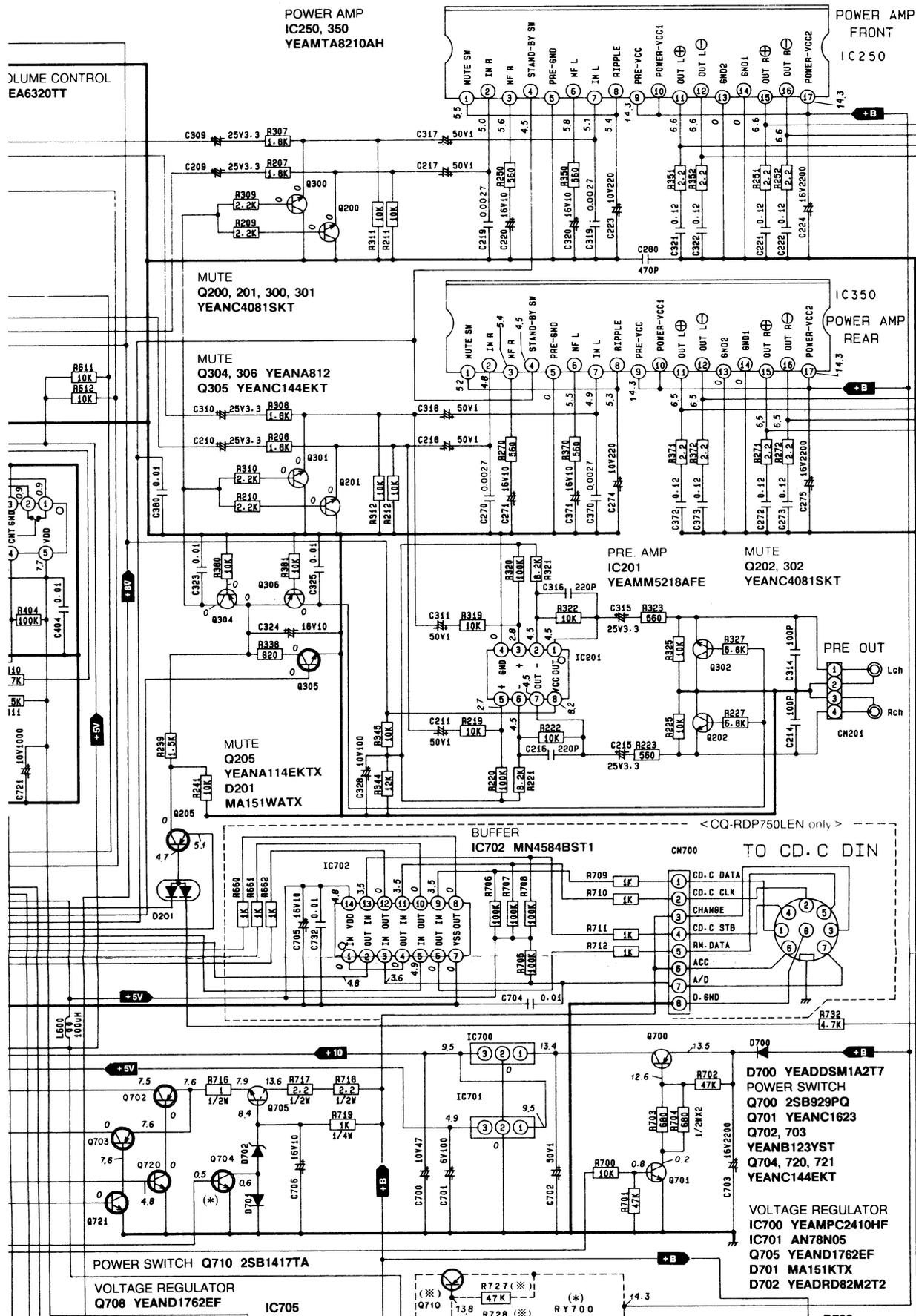
D611~630
(CQ-RDP700LEN)
YEADAY1101W
(CQ-RDP750LEN)
YEADVR1101E2

D661~680
(CQ-RDP700LEN)
YEADPG1101W
(CQ-RDP750LEN)
YEADPG1101E2



SCHEMATIC DIAGRAM / SCHALTBILT MODELS CQ-RDP700 / 750LEN (MAI

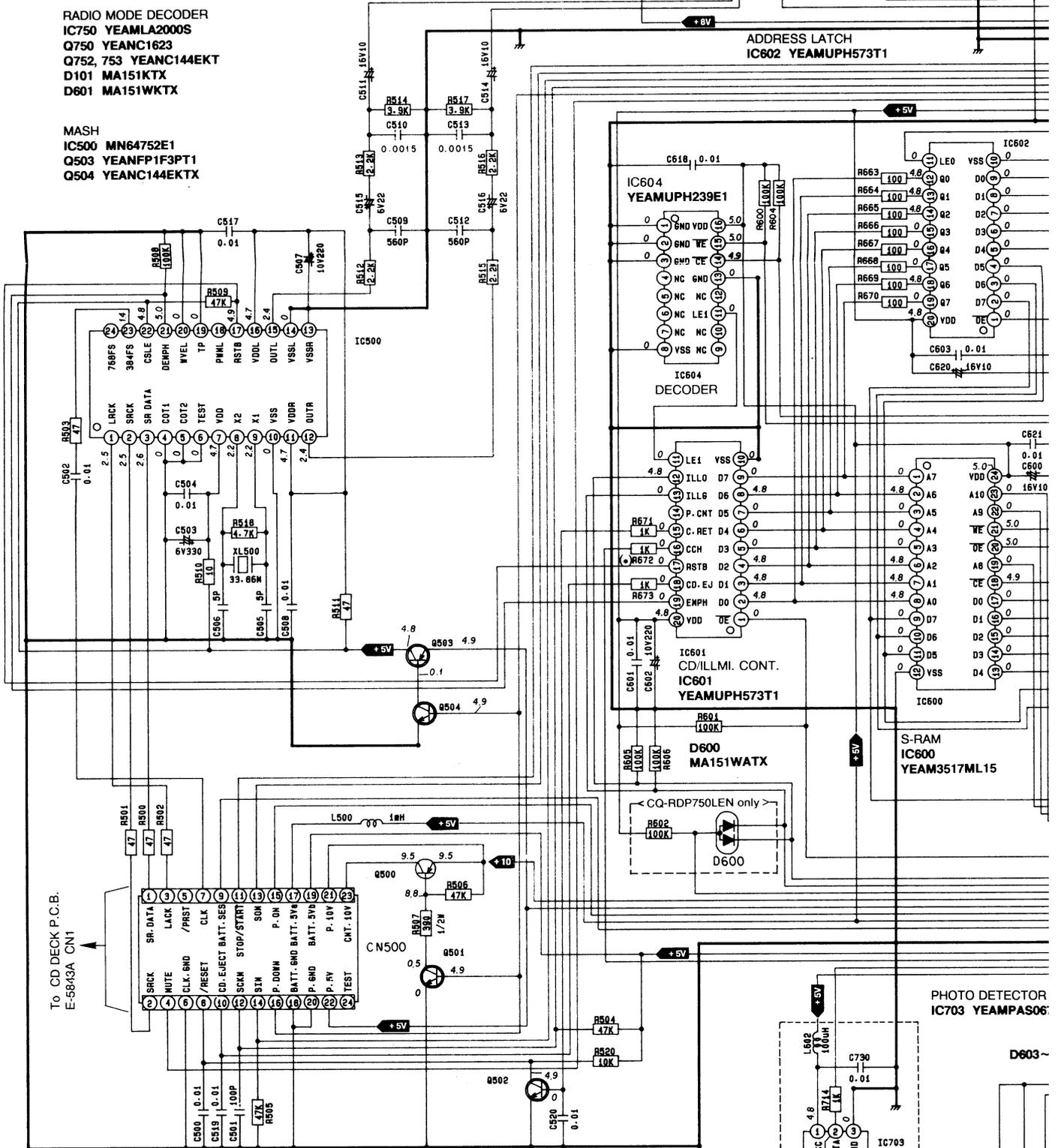




RADIO MODE DECODER
 IC750 YEAMLA2000S
 Q750 YEANC1623
 Q752, 753 YEANC144EKT
 D101 MA151KTX
 D601 MA151WKTX

MASH
 IC500 MN64752E1
 Q503 YEANFP1F3PT1
 Q504 YEANC144EKTX

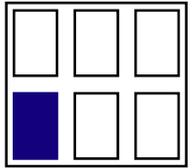
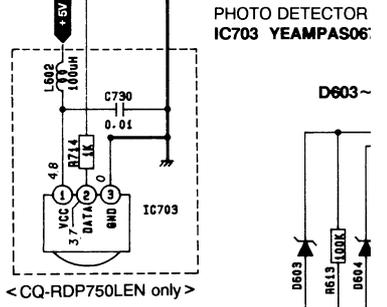
ADDRESS LATCH
 IC602 YEAMUPH573T1

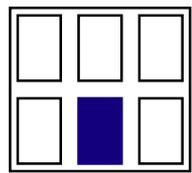
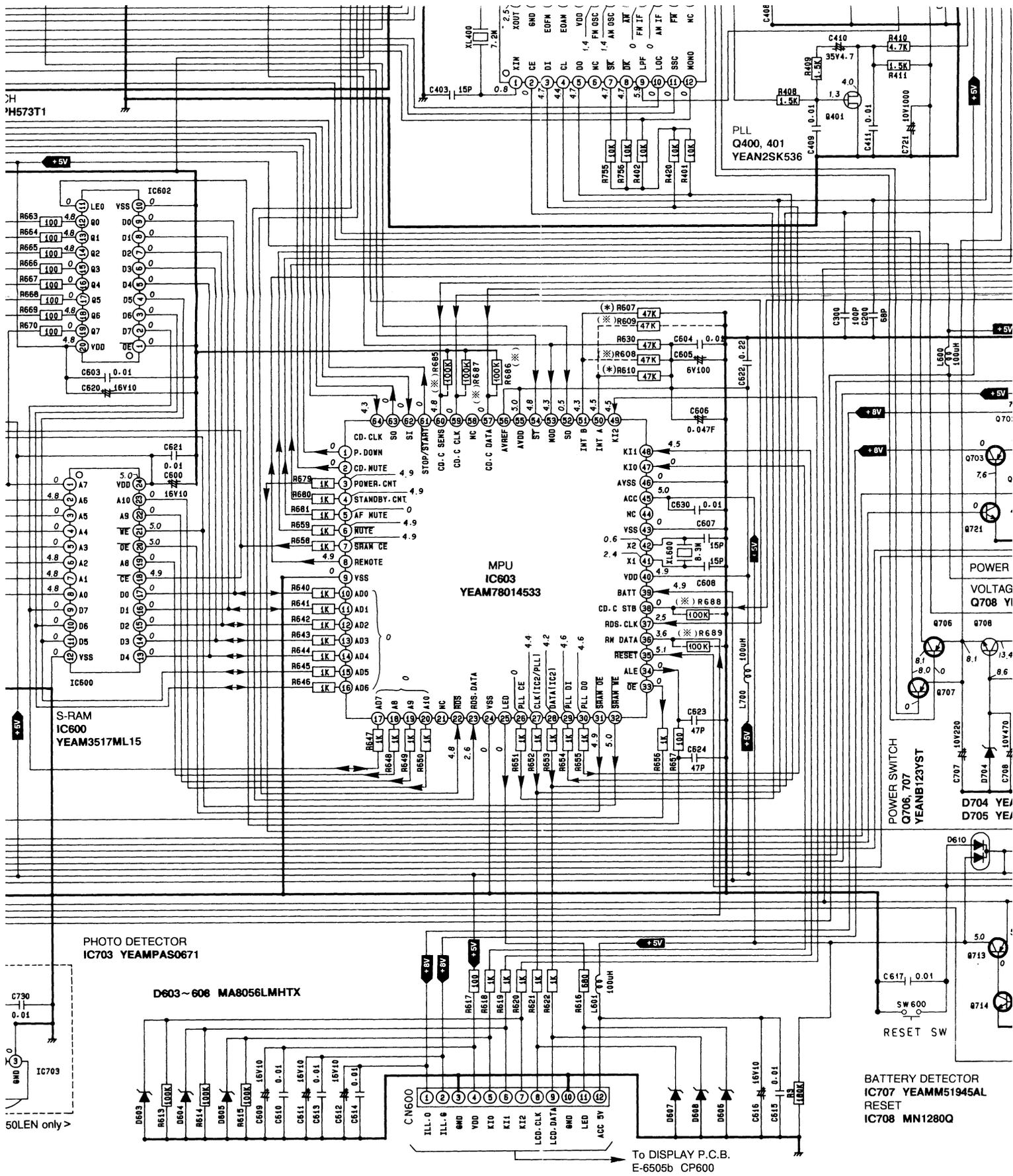


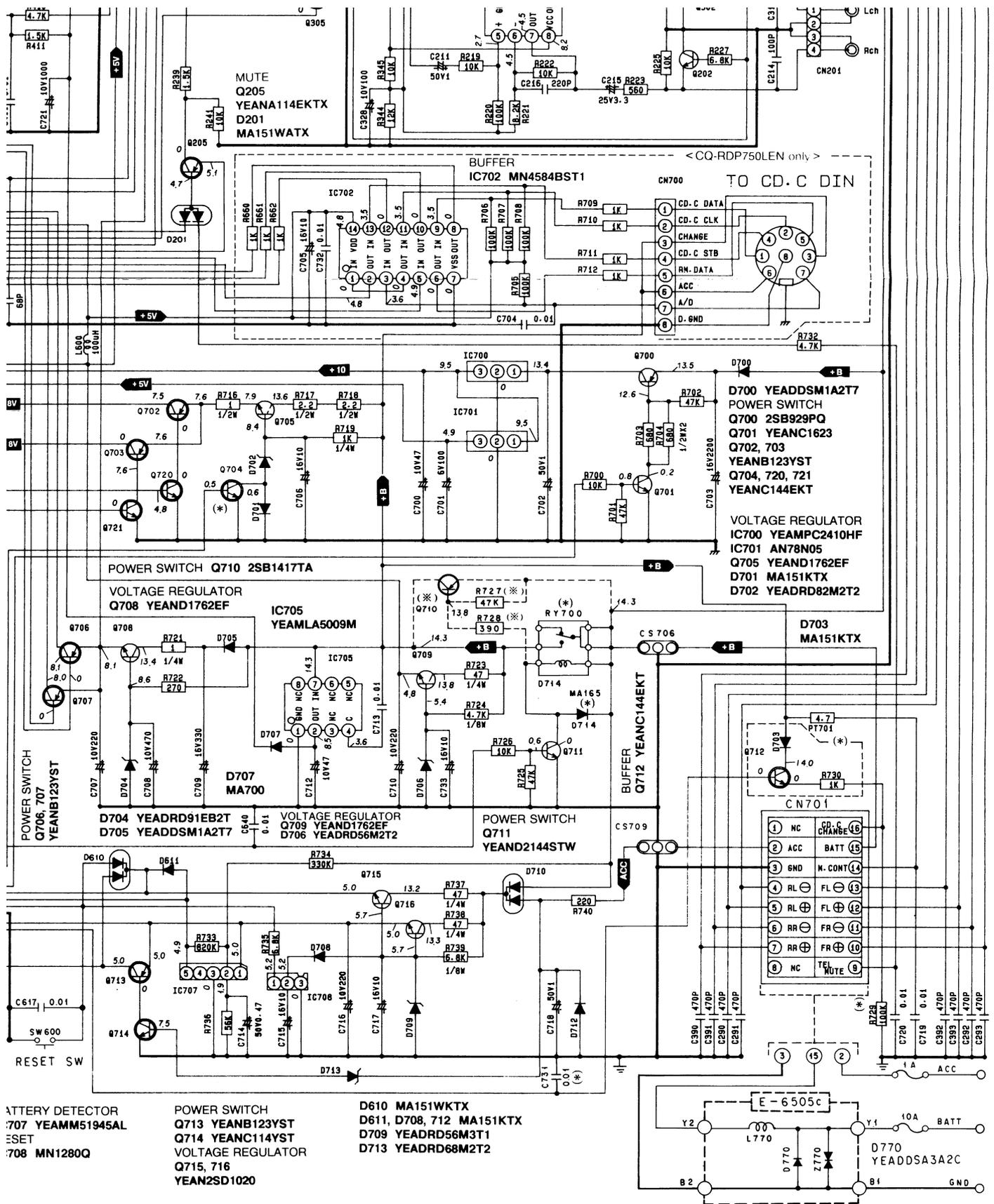
Notes :
 (*) : CQ-RDP750LEN only
 (※) : CQ-RDP700LEN only

SWITCH
 Q500 YEANB1243QRT
 Q501 YEANC144EKT

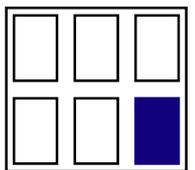
RESET
 Q502 YEANC144EKT



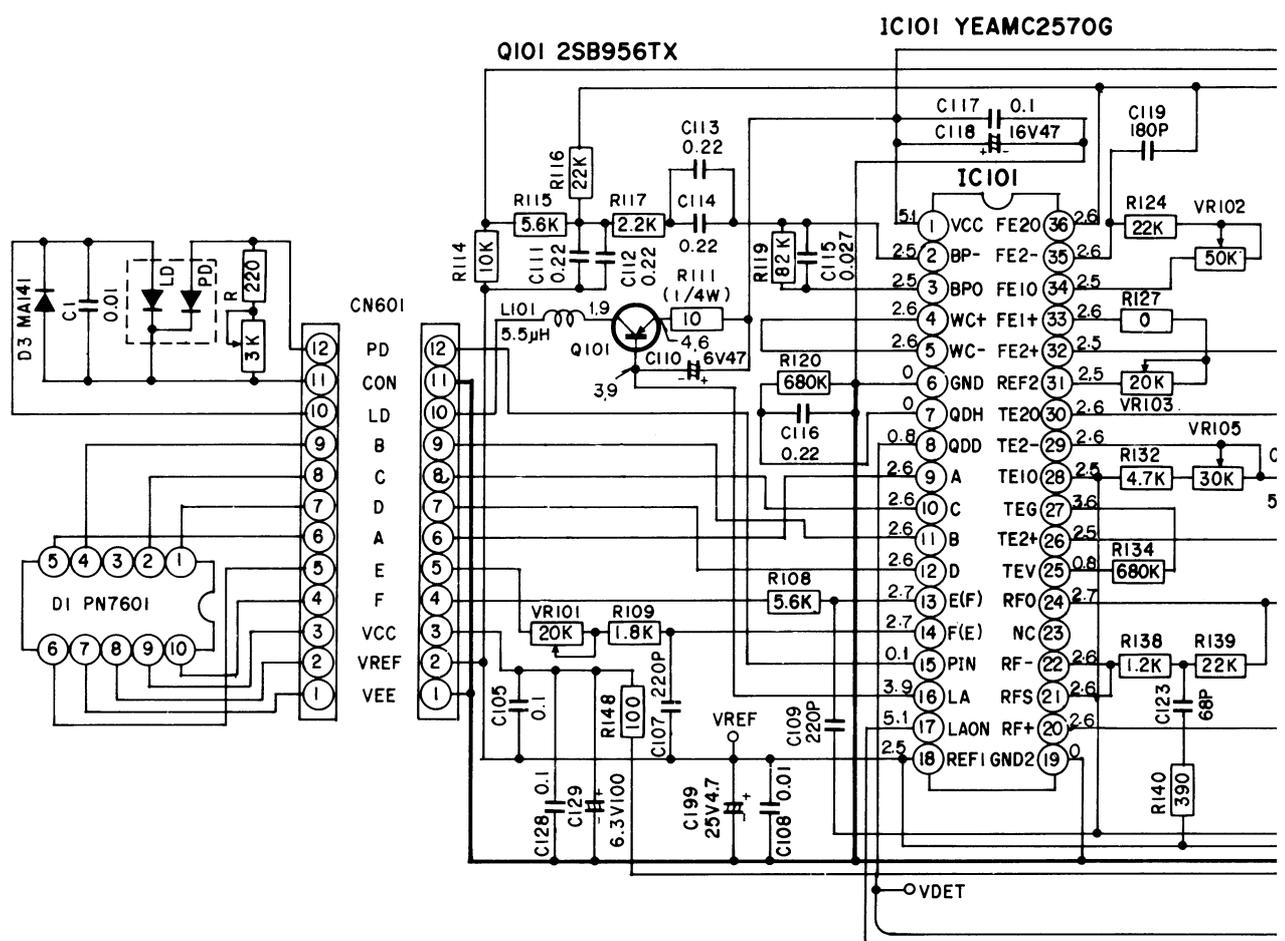




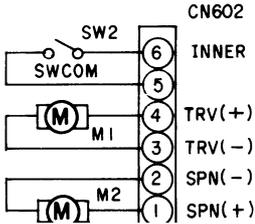
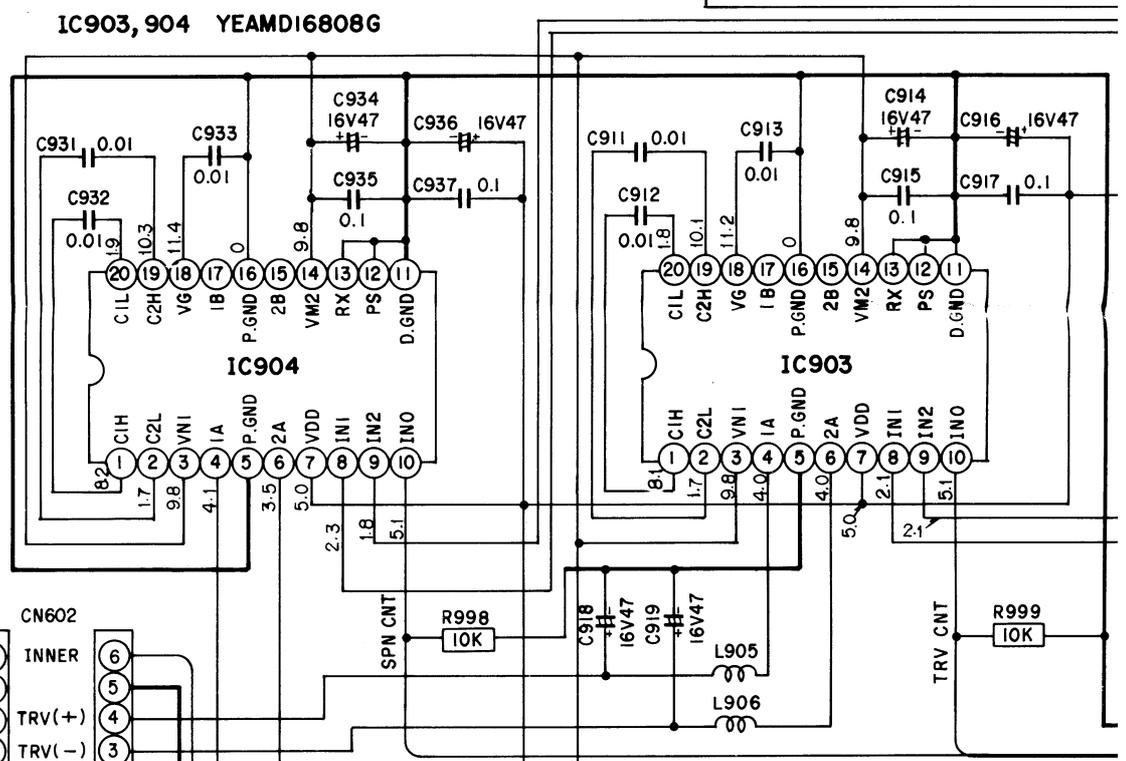
Radio Data System Digital Control Receiver / CD Player



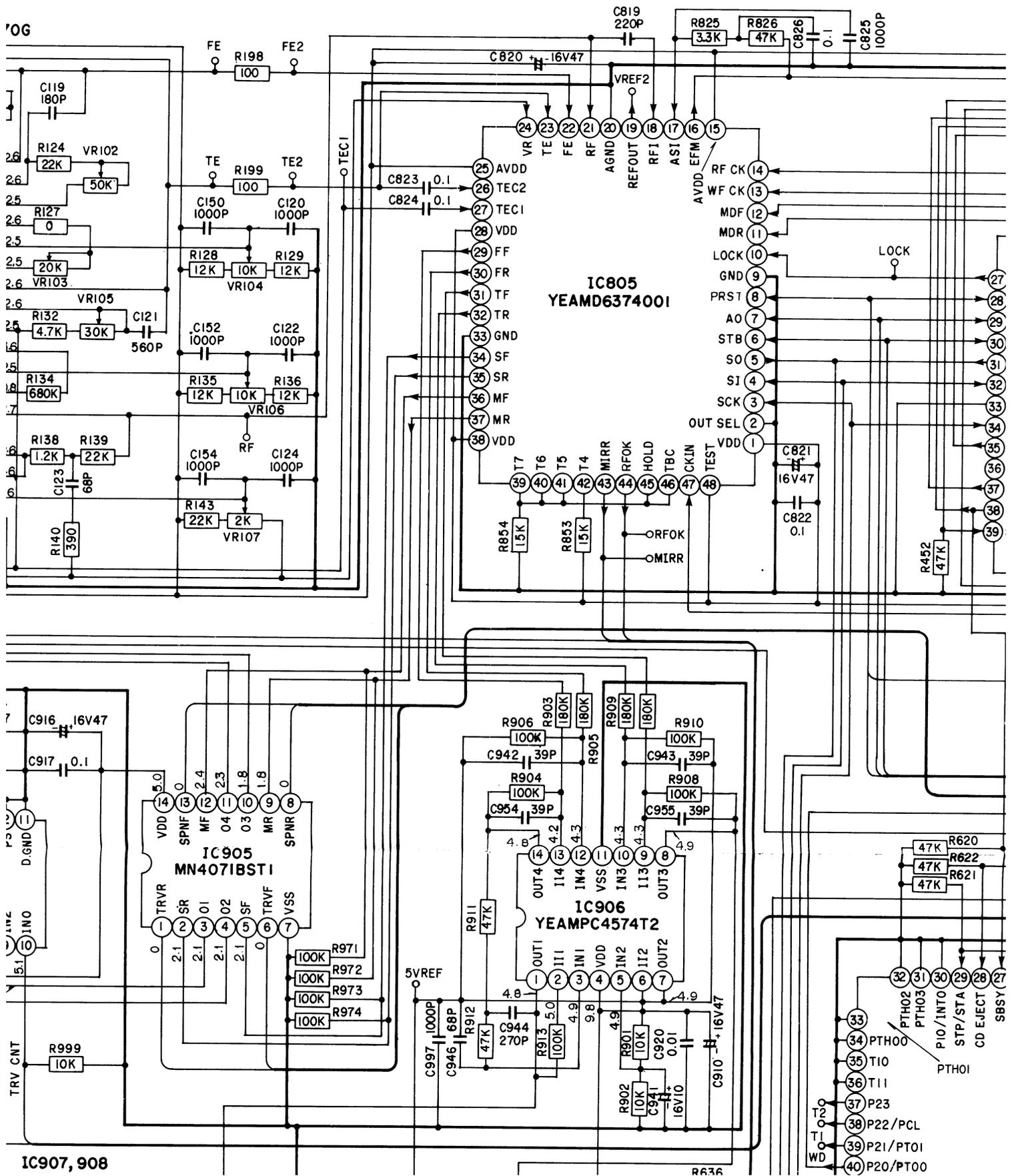
WIRING DIAGRAM / VERDHATUNG MODELS CQ-RDP700 / 750LEN (MAIN BL



- M1: Traverse Motor
- M2: Spindle Motor
- M3: Loading Motor
- SW2 : Inside Track Switch
- SW1 : Disc In Switch
- SW3 : Disc Out Switch
- SW4 : 8 12 cm Detection Switch
- SW5 : Clamp on/off Switch

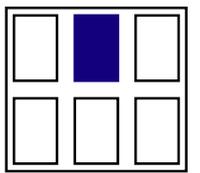


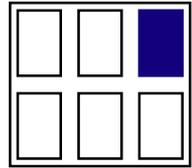
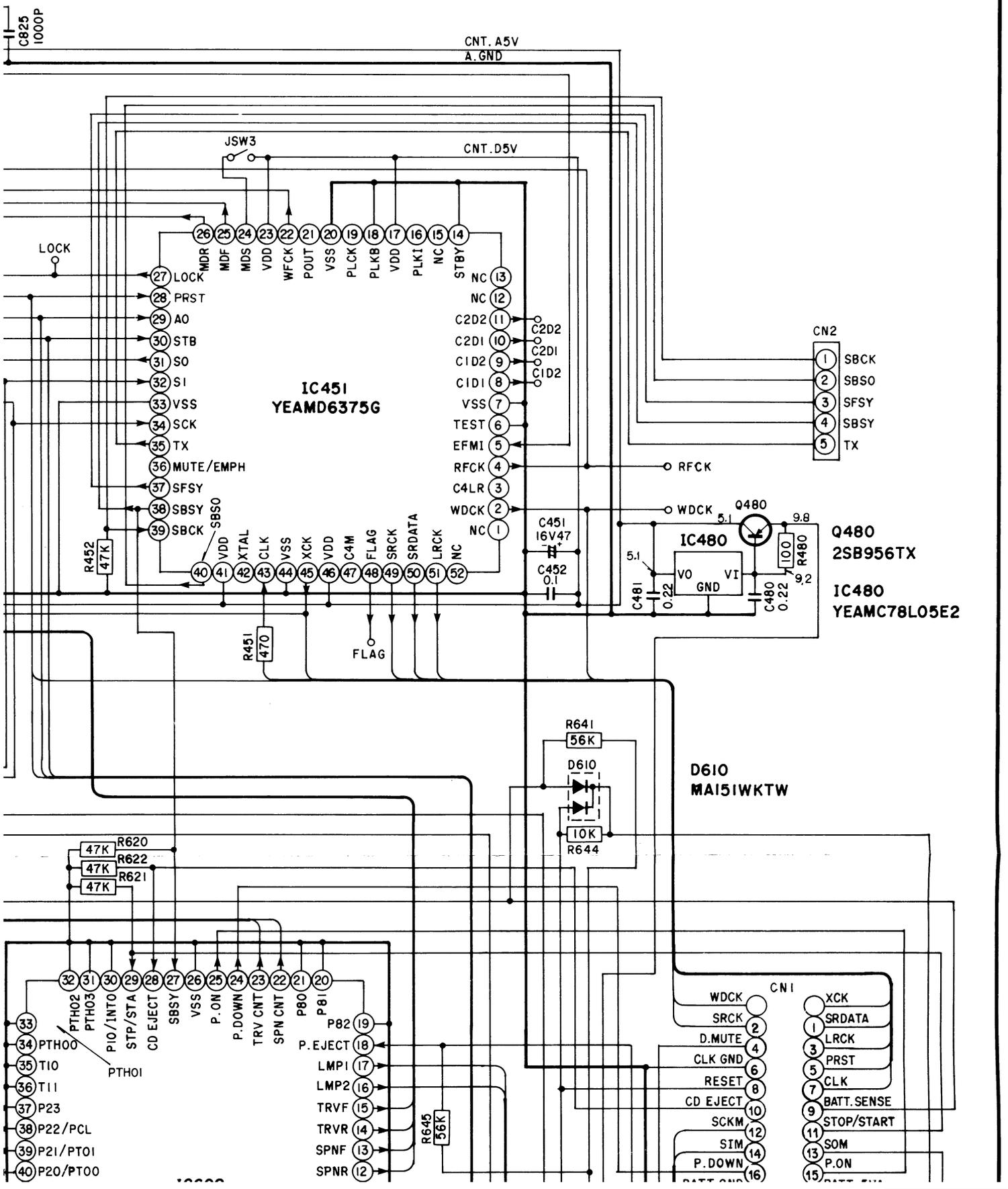
IN (MAIN BLOCK)



IC907, 908

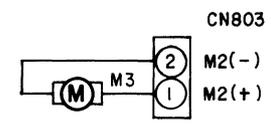
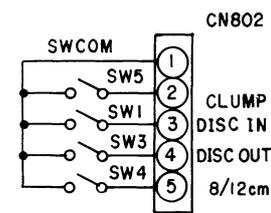
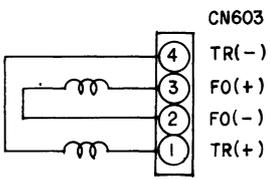
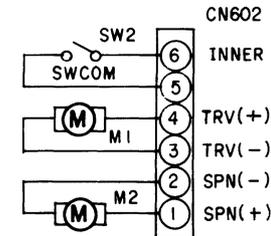
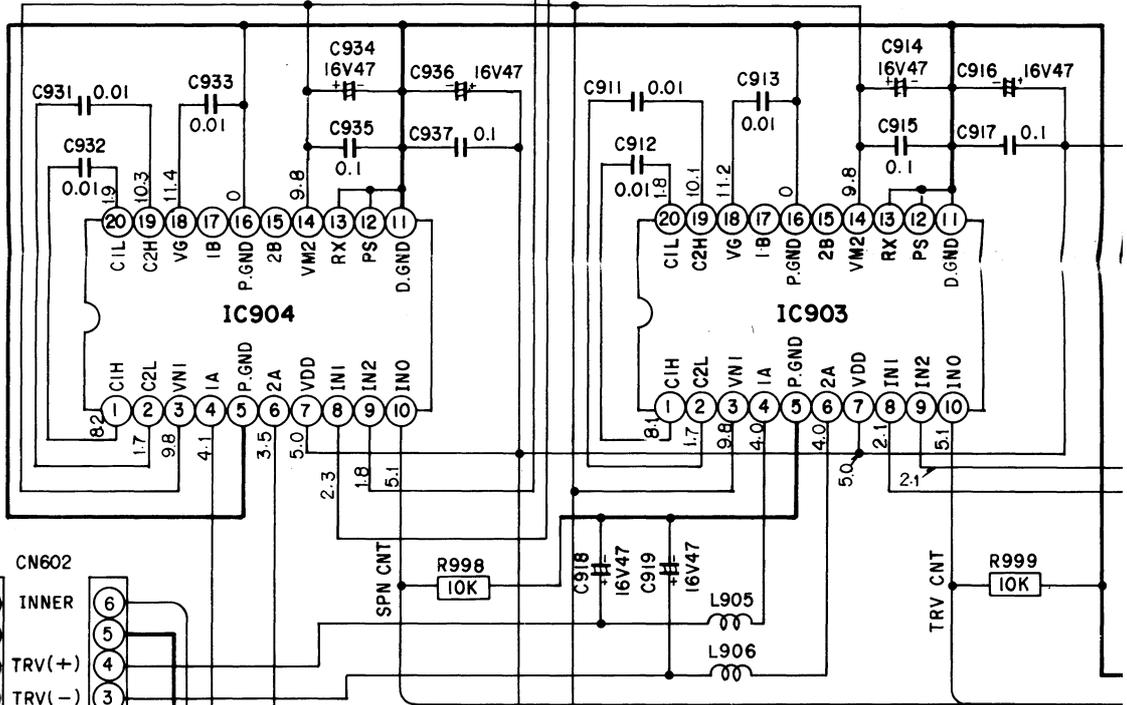
R636



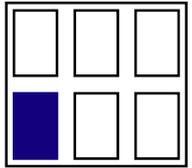
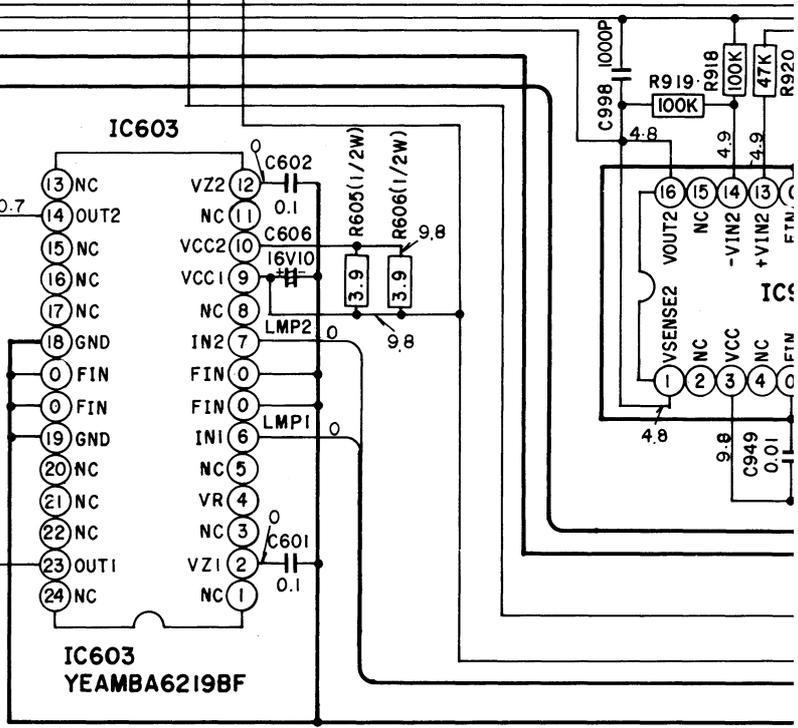


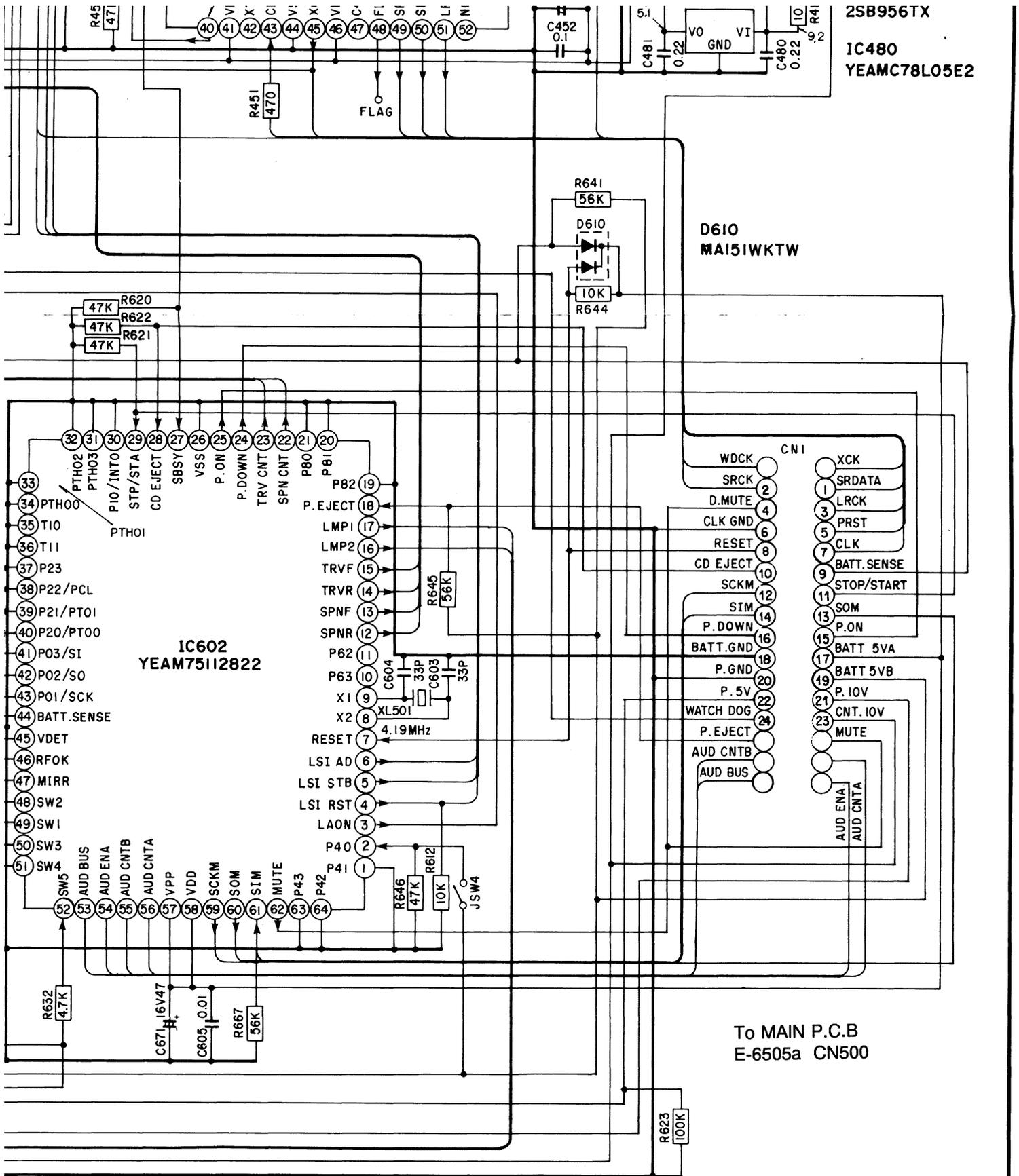
- M1: Traverse Motor
- M2: Spindle Motor
- M3: Loading Motor
- SW2 : Inside Track Switch
- SW1 : Disc In Switch
- SW3 : Disc Out Switch
- SW4 : 8 1/2 cm Detection Switch
- SW5 : Clamp on/off Switch

IC903, 904 YEAMDI6808G



IC907, 908 YEAMTA8406F





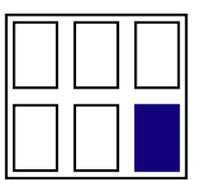
2SB956TX
 IC480
 YEAMC78L05E2

D610
 MAI51WKTW

IC602
 YEAM75112822

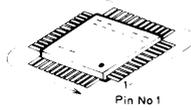
To MAIN P.C.B
 E-6505a CN500

Radio Data System Digital Control Receiver / CD Player

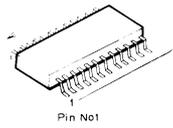


Q50	Q51	Q200	Q201	Q202	Q205	Q300	Q301	Q302	Q304	Q305	Q306	Q400	Q401	Q500	Q501
B 0V	B 4.7V	B 0V	B 0V	B 0V	B 0V	B 0V	B 0V	G 1.8V	G 1.3V	B 8.8V	B 4.9V				
C 2.4V	C 8.0V	C 0V	C 0V	C 0V	C 0V	C 0V	D 0.9V	D 4.0V	C 9.5V	C 0.5V					
E 0V	E 1.1V	E 0V	E 0V	E 0V	E 5.0V	E 0V	E 0V	E 0V	E 0V	E 0V	E 0V	S 0V	S 0V	E 9.5V	E 0V
Q502	Q503	Q504	Q700	Q701	Q702	Q703	(*)Q704	Q705	Q706	Q707	Q708	Q709	(*)Q710	Q711	(*)Q712
B 0V	B 0.1V	B 4.9V	B 12.6V	B 0.8V	B 0V	B 7.6V	B 0.5V	B 8.4V	B 0V	B 8.0V	B 8.6V	B 5.4V	B 13.8V	B 0.6V	B 0V
C 4.9V	C 4.8V	C 0.1V	C 13.4V	C 0.2V	C 7.5V	C 0V	C 0.6V	C 13.6V	C 8.1V	C 0V	C 13.4V	C 13.8V	C 14.3V	C 0V	C 14.0V
E 0V	E 4.9V	E 0V	E 13.5V	E 0V	E 7.6V	E 7.6V	E 0V	E 7.9V	E 8.1V	E 8.1V	E 8.1V	E 4.8V	E 14.3V	E 0V	E 0V
Q713	Q714	Q715	Q716	Q720	Q721	Q750	Q751	Q752	Q753						
B 0V	B 7.5V	B 5.7V	B 5.7V	B 4.8V	B 0V	B 3.7V	B 3.7V	B 3.8V	B 0.6V						
C 5.0V	C 0V	C 13.2V	C 13.3V	C 0V	C 0V	C 8.0V	C 8.0V	C 0V	C 3.8V						
E 5.0V	E 0V	E 5.0V	E 5.0V	E 0V	E 0V	E 3.3V	E 3.3V	E 0V	E 0V						

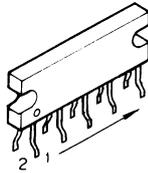
ICs & Transistors



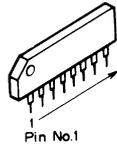
IC603 64Pin



IC200	32Pin
IC201	8Pin
IC600	24Pin
IC601	20Pin
IC602	20Pin
IC604	16Pin
IC702	14Pin
IC705	8Pin



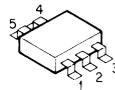
IC250 17Pin
IC350 17Pin



IC707 5Pin
IC750 9Pin



IC708 3Pin



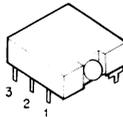
IC401 5Pin



IC701 3Pin



IC700 3Pin



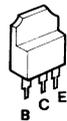
IC703 3Pin



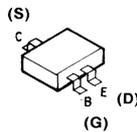
•Q705, 708



•Q702, 703, 706
707, 711, 713
714, 715, 716



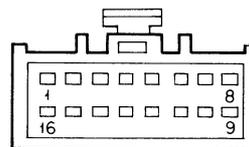
•Q500, 700
709, 710



• Other
transistors

CN701 Connector

- | | |
|--------------------------|----------------------------|
| 1. Non Connection | 9. Telephone Mute |
| 2. Power Supply, ACC ⊕ | 10. Front Speaker, Right ⊕ |
| 3. Ground | 11. Front Speaker, Right ⊖ |
| 4. Rear Speaker, Left ⊖ | 12. Front Speaker, Left ⊕ |
| 5. Rear Speaker, Left ⊕ | 13. Front Speaker, Left ⊖ |
| 6. Rear Speaker, Right ⊖ | 14. Motor Antenna Cont. |
| 7. Rear Speaker, Right ⊕ | 15. Power Supply, ⊕B |
| 8. Non Connection | 16. CD · C Change |



CN701

PA50			
1	0 V	13	2.6 V
2	0 V	14	0 V
3	3.6 V	15	1.8 V
4	0.9 V	16	0 V
5	0 V	17	3.4 V
6	8.0 V	18	3.4 V
7	3.7 V	19	2.7 V
8	1.1 V	20	2.6 V
9	0.8 V	21	1.2 V
10	3.1 V	22	0.3 V
11	1.0 V	23	4.7 V
12	0.3 V	24	0 V

PA100			
1	0 V	9	1.7 V
2	—	10	—
3	8.0 V	11	—
4	2.4 V	12	0 V
5	—	13	0.3 V
6	0 V	14	1.3 V
7	0 V	15	0 V
8	0 V	16	0 V

PA750			
1	—	10	4.8 V
2	5.0 V	11	—
3	—	12	—
4	0 V	13	—
5	3.5 V	14	—
6	0 V	15	—
7	2.4 V	16	—
8	2.6 V	17	0 V
9	0 V		

IC200			
1	4.3 V	17	3.7 V
2	0 V	18	3.7 V
3	4.1 V	19	8.0 V
4	4.1 V	20	3.7 V
5	4.0 V	21	4.1 V
6	4.1 V	22	—
7	4.0 V	23	4.1 V
8	2.8 V	24	3.7 V
9	3.7 V	25	2.7 V
10	4.1 V	26	4.0 V
11	—	27	4.1 V
12	8.2 V	28	4.0 V
13	3.7 V	29	4.1 V
14	3.7 V	30	4.1 V
15	3.7 V	31	8.2 V
16	3.7 V	32	3.9 V

IC201			
1	4.5 V	5	2.7 V
2	4.5 V	6	4.5 V
3	2.8 V	7	4.5 V
4	0 V	8	8.2 V

IC250			
1	5.5 V	10	14.3 V
2	5.0 V	11	6.6 V
3	5.6 V	12	6.6 V
4	4.5 V	13	0 V
5	0 V	14	0 V
6	5.8 V	15	6.6 V
7	5.1 V	16	6.6 V
8	5.4 V	17	14.3 V
9	14.3 V		

IC350			
1	5.3 V	10	14.3 V
2	4.8 V	11	6.5 V
3	5.4 V	12	6.5 V
4	4.5 V	13	0 V
5	0 V	14	0 V
6	5.5 V	15	6.5 V
7	4.9 V	16	6.5 V
8	5.3 V	17	14.3 V
9	14.3 V		

IC400			
1	0.8 V	13	—
2	0 V	14	0.4 V
3	4.7 V	15	0 V
4	4.4 V	16	0 V
5	4.7 V	17	0.3 V
6	—	18	1.4 V
7	4.7 V	19	1.4 V
8	4.7 V	20	4.8 V
9	5.9 V	21	1.4 V
10	0.1 V	22	1.9 V
11	0.1 V	23	0 V
12	0.1 V	24	2.5 V

IC500			
1	2.5 V	13	0 V
2	2.5 V	14	0 V
3	2.6 V	15	2.4 V
4	0 V	16	4.7 V
5	0 V	17	4.9 V
6	0 V	18	—
7	4.7 V	19	0 V
8	2.2 V	20	0 V
9	2.2 V	21	5.0 V
10	0 V	22	4.8 V
11	4.7 V	23	1.4 V
12	2.4 V	24	—

IC600			
1	0 V	13	0 V
2	4.8 V	14	0 V
3	0 V	15	0 V
4	0 V	16	0 V
5	0 V	17	0 V
6	4.8 V	18	4.9 V
7	4.8 V	19	0 V
8	4.8 V	20	5.0 V
9	0 V	21	5.0 V
10	0 V	22	0 V
11	0 V	23	0 V
12	0 V	24	5.0 V

IC601			
1	0 V	11	0 V
2	4.8 V	12	4.8 V
3	4.8 V	13	0 V
4	4.8 V	14	—
5	0 V	15	0 V
6	0 V	16	0 V
7	0 V	17	0 V
8	4.8 V	18	0 V
9	0 V	19	0 V
10	0 V	20	4.8 V

IC602			
1	0 V	11	0 V
2	0 V	12	4.8 V
3	0 V	13	4.8 V
4	0 V	14	4.8 V
5	0 V	15	0 V
6	0 V	16	0 V
7	0 V	17	0 V
8	0 V	18	4.8 V
9	0 V	19	0 V
10	0 V	20	4.8 V

IC604			
1	0 V	9	—
2	0 V	10	—
3	0 V	11	0 V
4	—	12	—
5	—	13	0 V
6	—	14	4.9 V
7	—	15	5.0 V
8	0 V	16	5.0 V

IC401	
1	0.9 V
2	0.9 V
3	0 V
4	7.4 V
5	7.7 V

IC700	
1	13.4 V
2	0 V
3	9.5 V

IC701	
1	9.5 V
2	0 V
3	4.9 V

(*IC703	
1	4.8 V
2	3.7 V
3	0 V

IC707	
1	5.0 V
2	1.9 V
3	0 V
4	—
5	4.9 V

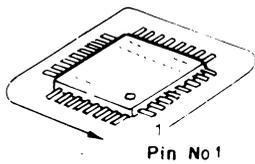
IC708	
1	5.2 V
2	5.2 V
3	0 V

(*) IC702			
1	0 V	8	0 V
2	4.8 V	9	3.5 V
3	3.6 V	10	0 V
4	0 V	11	3.5 V
5	4.9 V	12	0 V
6	0 V	13	3.5 V
7	0 V	14	4.8 V

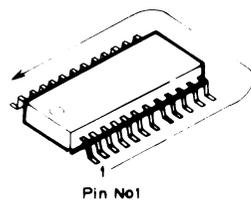
IC705			
1	0 V	5	—
2	8.5 V	6	—
3	—	7	14.3 V
4	13.6 V	8	—

IC750			
1	1.3 V	6	4.3 V
2	5.1 V	7	—
3	1.9 V	8	—
4	—	9	8.0 V
5	0 V		

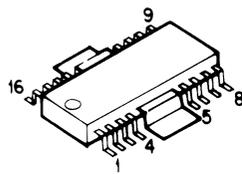
ICs & Transistors



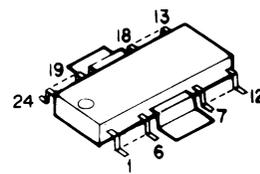
IC451	52Pin
IC602	64Pin
IC805	48Pin



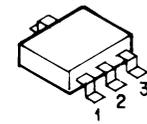
IC101	36Pin
IC903, 904	20Pin
IC905, 906	14Pin



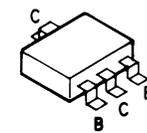
IC907, 908	16Pin
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IC603	24Pin
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IC480	3Pin
-------	------



• Q101, 480

IC101							
1	5.1V	10	2.6V	19	0V	28	2.5V
2	2.5V	11	2.6V	20	2.6V	29	2.6V
3	2.5V	12	2.6V	21	2.6V	30	2.6V
4	2.6V	13	2.7V	22	2.6V	31	2.5V
5	2.6V	14	2.7V	23	-	32	2.5V
6	0V	15	0.1V	24	2.7V	33	2.6V
7	0V	16	3.9V	25	0.8V	34	2.5V
8	0.8V	17	5.1V	26	2.5V	35	2.6V
9	2.6V	18	2.5V	27	3.6V	36	2.6V

IC903			
1	8.1V	11	0V
2	1.7V	12	0V
3	9.8V	13	0V
4	4.0V	14	9.8V
5	0V	15	-
6	4.0V	16	0V
7	5.0V	17	-
8	2.1V	18	11.2V
9	2.1V	19	10.1V
10	5.1V	20	1.8V

IC904			
1	8.2V	11	0V
2	1.7V	12	0V
3	9.8V	13	0V
4	4.1V	14	9.8V
5	0V	15	6.2V
6	3.5V	16	0V
7	5.0V	17	5.2V
8	2.3V	18	11.4V
9	1.8V	19	10.3V
10	5.1V	20	1.9V

IC907			
1	4.8V	9	5.2V
2	-	10	4.9V
3	9.8V	11	-
4	-	12	4.9V
5	-	13	4.9V
6	-	14	4.9V
7	-	15	-
8	5.2V	16	4.8V

IC908			
1	5.0V	9	5.0V
2	-	10	5.0V
3	9.8V	11	-
4	-	12	4.9V
5	-	13	4.9V
6	-	14	4.9V
7	-	15	-
8	5.0V	16	5.0V

IC480	
1	9.2V
2	0V
3	5.1V

Q101	
B	3.9V
C	1.9V
E	4.6V

Q480	
B	9.2V
C	5.1V
E	9.8V

IC905			
1	0V	8	0V
2	2.1V	9	1.8V
3	2.1V	10	1.8V
4	2.1V	11	2.3V
5	2.1V	12	2.4V
6	0V	13	0V
7	0V	14	5.0V

IC906			
1	4.8V	8	4.9V
2	5.0V	9	4.3V
3	4.9V	10	4.3V
4	9.8V	11	0V
5	4.9V	12	4.3V
6	4.9V	13	4.2V
7	4.9V	14	4.8V

IC603							
1	-	7	0V	13	-	19	0V
2	0V	8	-	14	0.7V	20	-
3	-	9	9.8V	15	-	21	-
4	-	10	9.8V	16	-	22	-
5	-	11	-	17	-	23	0.7V
6	0V	12	0V	18	0V	24	-

OPERATION OF LSI /

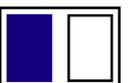
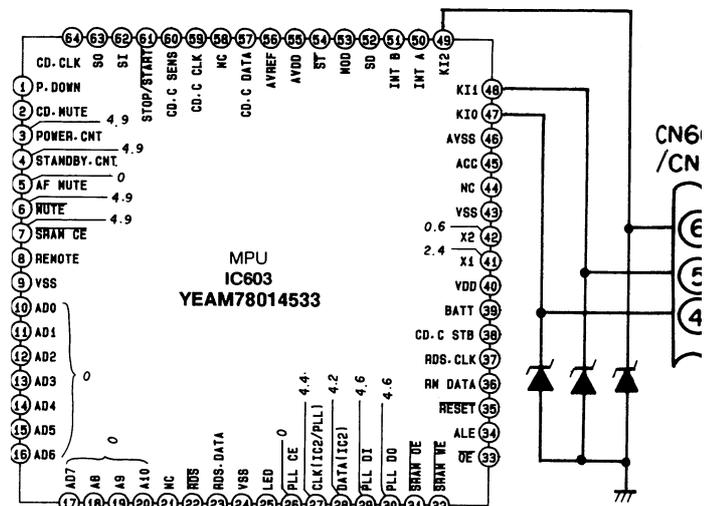
< MAIN BLOCK >

■ IC603, YEAM78014533

Pin No.	Port	Description	I/O	Vol. (V)
1	P. DOWN	CD power down	O	0
2	CD. MUTE	CD mute	O	0
3	POW. CNT	System power control	O	4.9
4	STB. CNT	Power Amp. standby	O	4.9
5	AF MUTE	AF mute	O	0
6	MUTE	Mute output	O	4.9
7	SRAM CE	S-RAM chip enable	O	4.9
8	REMOTE	CD changer remote	O	4.9
9	V _{SS}	Ground	—	0
10~17	AD 0~7	Address / data port	I/O	0
18~20	A 8~10	Address port	O	0
21	NC	No connection	—	—
22	RDS	RDS detection	I	4.8
23	RDS DAT	RDS data input	I	2.6
24	V _{SS}	Ground	—	0
25	LED	Security LED control	O	0
26	PLL. CE	PLL chip enable	O	0
27	CLK	PLL / LCD clock	O	4.4
28	DATA	LCD / Tone cont. data	O	4.2
29	PLL. DI	PLL data input	I	4.6
30	PLL. DO	PLL data output	O	4.6
31	SRAM OE	S-RAM data output enable	O	4.9
32	SRAM WE	S-RAM data write	O	5.0
33	OE	CD control command enable	O	0
34	ALE	S-RAM address lach enable	O	0
35	RESET	Reset input	I	5.1
36	RM DAT	Remocon data input	I	3.6
37	RDS. CLK	RDS clock input	I	2.5
38	CD.C STB	CD changer strobe	I	0
39	BATT	Battery detection	I	4.9
40	V _{DD}	+5V power supply	—	4.9
41	X1	Crystal oscillator	—	2.4
42	X2	Crystal oscillator	—	0.6
43	V _{SS}	Ground	—	0
44	NC	No connection	—	—
45	ACC	+5V power supply	—	5.0

Pin No.	Port	Description	I/O	Vol. (V)
46	AV _{SS}	Analog ground	—	0
47	K0	Key data input	I	0
48	K1	Key data input	I	4.5
49	K2	Key data input	I	4.5
50	INIT A	Not used	—	4.3
51	INIT B	Not used	—	0
52	SD	B / S detection	I	0.5
53	MOD	Radio mode input	I	4.3
54	ST	Stereo / Mono input	I	4.8
55	AV _{DD}	+5V power supply	—	5.0
56	AV _{REF}	+5V power supply	—	5.0
57	CD.C DAT	CD changer data	I	0
58	NC	No connection	—	—
59	CD.C CLK	CD changer clock	I	0
60	CD.C SNS	CD changer sense	I	4.8
61	STP/STA	CD start / stop	O	0
62	SI	CD serial data input	I	0
63	SO	CD serial data output	O	0
64	CD. CLK	Clock for CD data	I	4.3

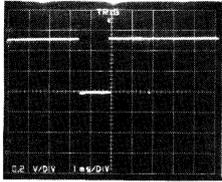
Note : Voltage measurements are with respect to ground, with a voltmeter (Internal resistance : 10M ohms.)



SI / BEDIENUNG DES LSI

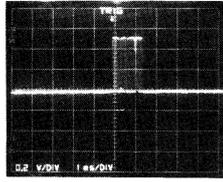
s.)
d,
s.)

⑦ SRAM CE



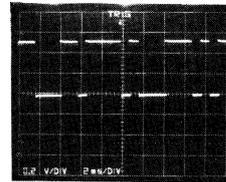
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⑩ AD 0



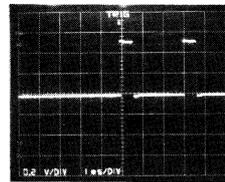
2V/DIV, 1mS/DIV

⑳ RDS DAT



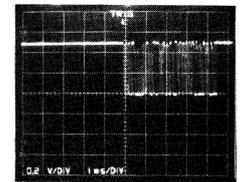
2V/DIV, 2mS/DIV

⑳ PLL. CE



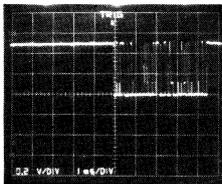
2V/DIV, 1mS/DIV

㉑ CLK



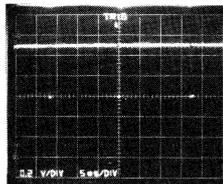
2V/DIV, 1mS/DIV

㉒ DATA



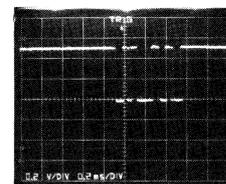
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㉓ PLL. DI



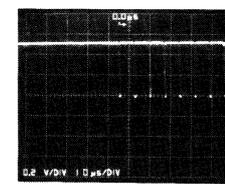
2V/DIV, 5mS/DIV

㉔ PLL. DO



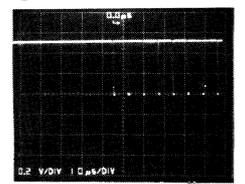
2V/DIV, 0.2mS/DIV

㉕ SRAM OE



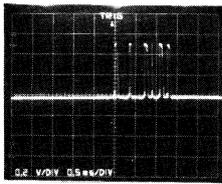
2V/DIV, 10μS/DIV

㉖ SRAM WE



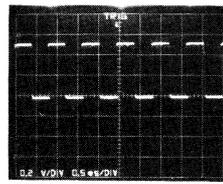
2V/DIV, 10μS/DIV

㉗ ALE



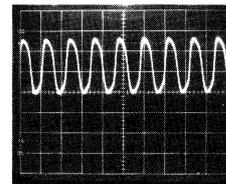
2V/DIV, 0.5mS/DIV

㉘ RDS. CLK



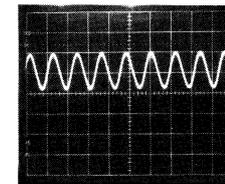
2V/DIV, 0.5mS/DIV

㉙ X1



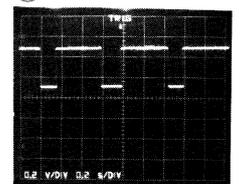
2V/DIV, 0.1μS/DIV

㉚ X2



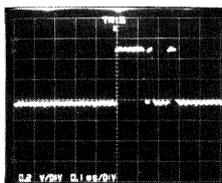
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㉛ K0



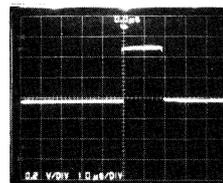
2V/DIV, 0.2S/DIV

㉜ SI



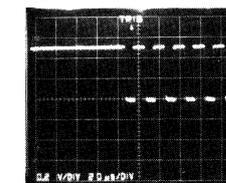
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㉝ SO



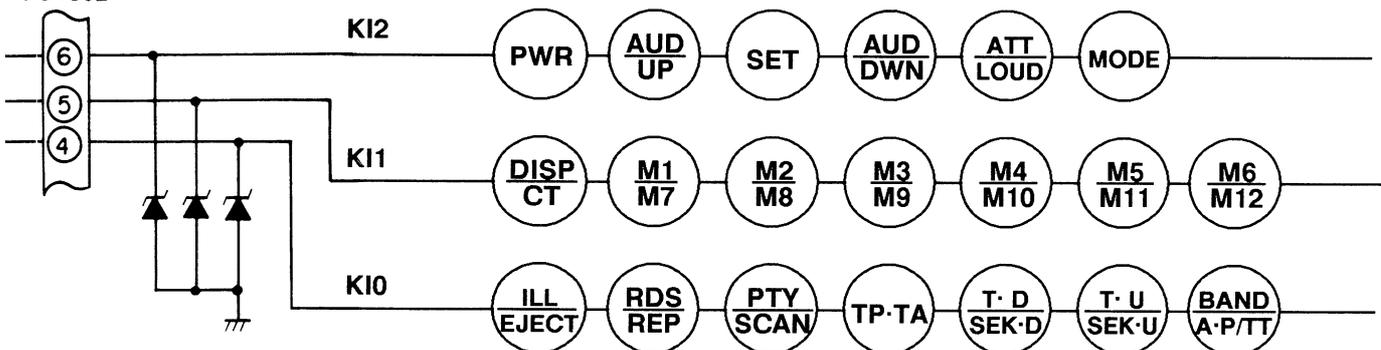
2V/DIV, 10μS/DIV

㉞ CD. CLK



2V/DIV, 20μS/DIV

CN600
/CN602

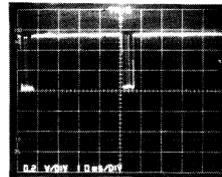


OPERATION OF LSI < DISPLAY BLOCK >

■ IC651 YEAMPCF8576T

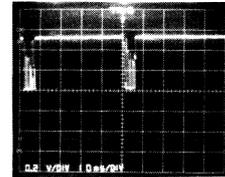
Pin No.	Port	Description	I/O	Vol. (V)
1	SDA	Serial data	I	3.9
2	SCK	Serial clock	I	4.0
3	SYNC	No connection	—	—
4	CLK	No connection	—	—
5	V _{DD}	+5V power supply	—	4.9
6	OSC	Connect to ground	—	0
7~9	A0~2	Connect to ground	—	0
10	SA0	Connect to ground	—	0
12	YLCD	Connect to ground	—	0
13~16	BP0~3	LCD back plane	O	2.4
17~19	S0~2	No connection	—	—
20~56	S3~39	LCD segment	O	2.4

① SDA



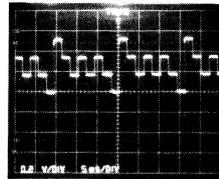
2V/DIV, 10mS/DIV

② SCK



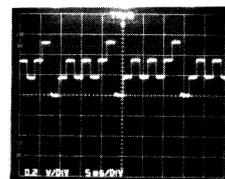
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⑬ BP0



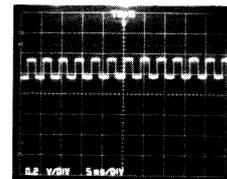
2V/DIV, 5mS/DIV

⑳ S12

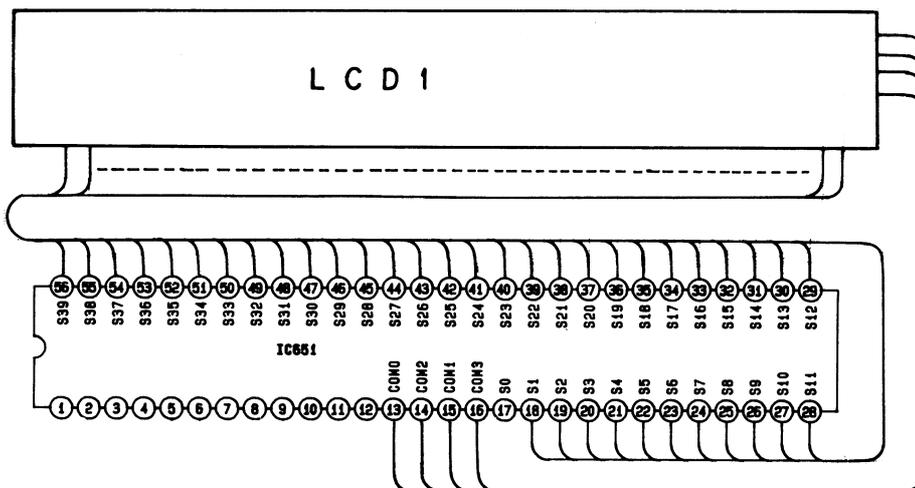


2V/DIV, 5mS/DIV

⑤⑥ S39



2V/DIV, 5mS/DIV

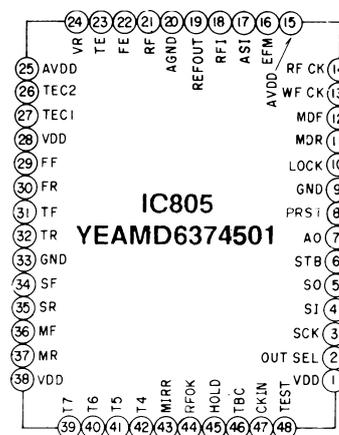


OPERATION OF LSI <CD DECK BLOCK>

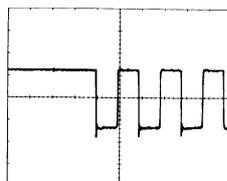
■ IC805 YEAMD6374501

● Name of terminals description of connection.

Pin No.	Port	Discription	I/O	Volt.(V)
1	VDD	+5V Power supply	—	5.1
2	OUTSEL	PWM output system selection	I	0
3	SCK	Serial clock	I	5.0
4	SI	Serial data input	I	1.4
5	SO	Serial data output	O	0.8
6	STB	Serial data strobe	I	5.0
7	AO	Data distinction signal	I	4.4
8	PRST	Reset input	I	5.1
9	GND	Ground	—	0
10	LOCK	Spindle servo error signal	I	5.1
11	MDR	Spindle motor serro (Reverse)	I	0
12	MDF	Spindle motor serro (Forsard)	I	0
13	WFCK	1 frame synchronizing signal	I	2.5
14	RFCK	1 frame synchronizing signal	I	2.5
15	AVDD	+5V Power supply for analog	—	5.1
16	EFM	EFM signal output	O	2.6
17	ASI	RF signal comaprison level	I	2.6
18	RFI	Analog-RF signal	I	2.4
19	REF OUT	ADC reference level	O	2.6
20	AGND	Analog Ground	—	0
21	RF	RF signal input	I	2.7
22	FE	Focus error input	I	2.6
23	TE	Tracking error input	I	2.6
24	VR	Reference Voltage input	I	2.5
25	AVDD	+5V Power supply for analog	—	5.1
26, 27	TEC2,1	Tracking comparator input	I	2.5
28	DVDD	+5V Power supply for digital	—	5.1
29	FF	Focus PWM forward	O	3.1
30	FR	Focus PWM reverse	O	2.9
31	TF	Tracking PWM forward	O	3.0
32	TR	Tracking PWM reverse	O	3.0
33	GND	Ground	—	0
34	SF	Sled PWM forward	O	2.1
35	SR	Sled PWM reverse	O	2.1
36	MF	Spindle PWM forward	O	2.4
37	MR	Spindle PWM forward	O	1.8
38	VDD	+5V Power supply for digital	—	5.1
39~41	T7~T5	(Connecting Ground)	—	0
42	T4	(Connecting VDD)	—	5.0
43	MIRR	MIRR signal detection	O	0
44	RF0K	RF0K signal detection	O	5.1
45	HOLD	(Connecting Ground)	—	0
46	TBC	(Connecting Ground)	—	0
47	CKIN	System clock input	I	2.8
48	TEST	(Connecting VDD)	—	5.1

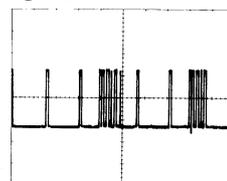


③ SCK



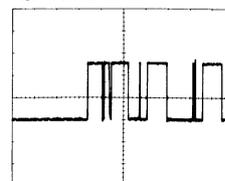
2V/DIV, 0.5 μ S/DIV

④ SI



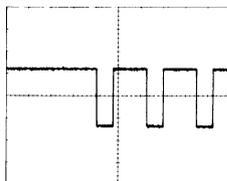
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⑤ SO



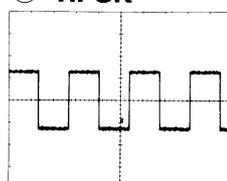
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⑦ AO



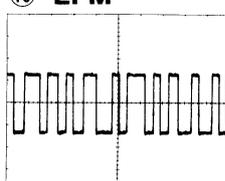
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⑭ RFCK



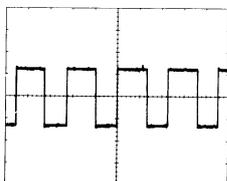
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⑯ EFM



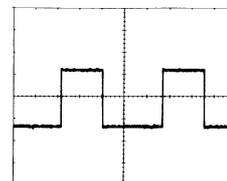
2V/DIV, 2 μ S/DIV

⑲ FF



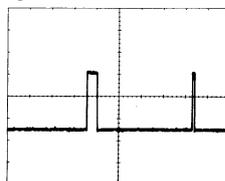
2V/DIV, 5 μ S/DIV

⑳ SF



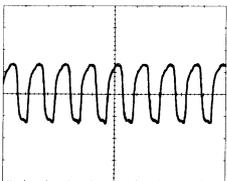
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㉓ MIRR



2V/DIV, 5 μ S/DIV

④⑦ CKIN

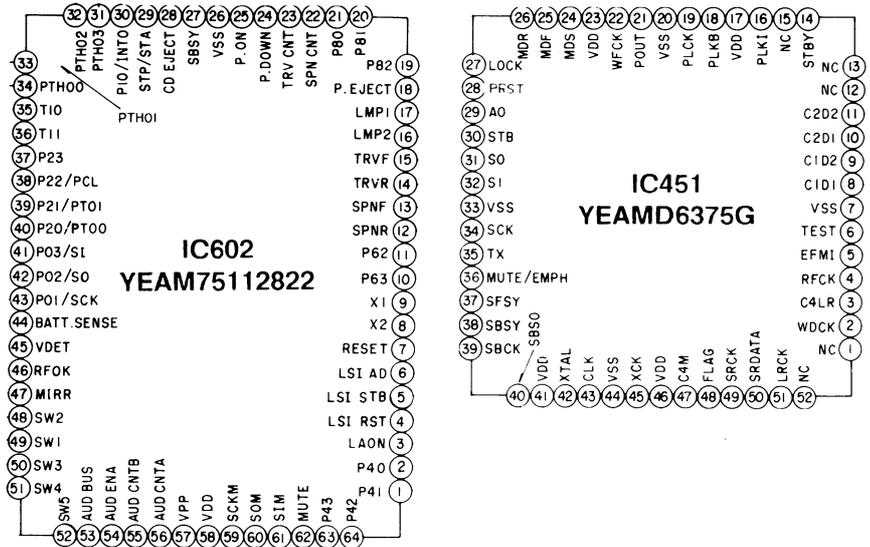


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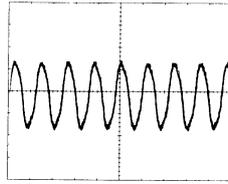
OPERATION OF LSI <CD DECK BLOCK>

■ IC602 YEAM75112822

Pin No.	Port	Description	I/O	Volt.(V)
1	P41	(Connecting Ground)	—	0
2	P40	JSW4 input	I	0
3	LAON	Laser power control	O	5.0
4	LSI RST	Reset	O	5.0
5	LSI STB	Data strobe	O	5.0
6	LSI A0	Communication control	O	5.0
7	RESET	Reset	I	5.0
8, 9	X2, 1	Crystal oscillator	—	2.5
10	P63	Non Connection	—	—
11	P62	Non Connection	—	—
12	SPNR	Spindle motor (Reverse)	O	0
13	SPNF	Spindle motor (Forward)	O	0
14	TRVR	Traverse motor (Reverse)	O	0
15	TRVF	Traverse motor (Forward)	O	0
16	LMP2	Loading motor (Save)	O	0
17	LMP1	Loading motor (Load)	O	0
18	P.EJECT	CD Eject	I	0
19	P82	(Connecting Ground)	—	0
20	P81	(Connecting Ground)	—	0
21	P80	(Connecting Ground)	—	0
22	SPN CNT	Spindle motor power control	O	5.0
23	TRV CNT	Traverse motor power control	O	5.0
24	P.DOWN	Power down control	O	5.0
25	P.ON	Servo power control	O	5.0
26	VSS	Ground	—	0
27	SBSY	1 frame synchronizing signal	I	0
28	CD EJCT	CD eject input	I	0
29	STR/STP	Communication start/stop	I	0
30	P10	(Connecting Ground)	—	0
31-34	PTH03-00	(Connecting Ground)	—	0
35,36	T10,11	(Connecting Ground)	—	0
37	P23	Non Connection	—	—
38	T2	Test terminal 2	O	0
39	T1	Test terminal 1	O	0
40	WD	Watch dog signal	O	0
41	SI	Serial data input	I	1.0
42	S0	Serial data output	O	1.5
43	SCK	Serial clock	O	5.0
44	BAT.SNS	Battery sense	I	5.0
45	VDET	Servo gain switching request	I	5.0
46	RFOK	RF signal detection	I	5.0
47	MIRR	MIRR detection	I	5.0
48	SW2	Inside track switch	I	5.0
49	SW1	Disc In switch	I	0
50	SW3	Disc Out switch	I	0
51	SW4	12/8 cm detection switch	I	0
52	SW5	Clamp on/off switch	I	0
53	A.BUS	Not Used	—	0
54	A.ENA	Not Used	—	0
55	A.CNTB	Not Used	—	0
56	A.CNTA	Not Used	—	0
57	VPP	(Connecting VDD)	—	5.1
58	VDD	+5V Power supply	—	5.1
59	SCKM	Serial clock	O	5.1
60	SOM	Serial data output	O	5.1
61	SIM	Serial data input	I	5.1
62	MUTE	Mute output	O	5.1
63, 64	P43,42	(Connecting Ground)	—	0

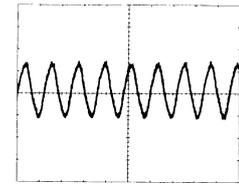


⑧ X2 (IC602)



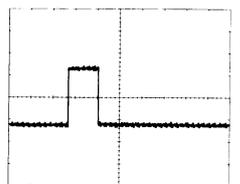
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⑨ X1 (IC602)



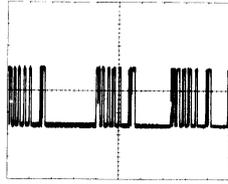
2V/DIV, 0.2μS/DIV

⑳ SBSY (IC602)



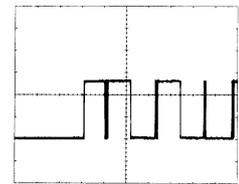
2V/DIV, 0.1mS/DIV

㉑ SI (IC602)



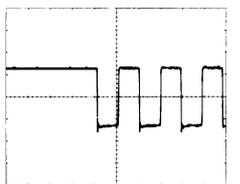
2V/DIV, 0.5mS/DIV

㉒ SO (IC602)



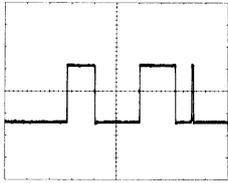
2V/DIV, 50μS/DIV

㉓ SCK (IC602)



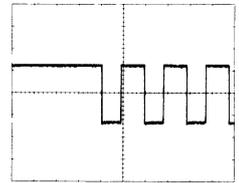
2V/DIV, 0.5μS/DIV

㉔ MIRR (IC602)



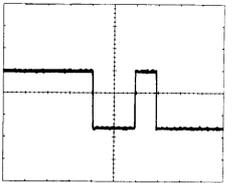
2V/DIV, 10μS/DIV

㉕ SCKM (IC602)



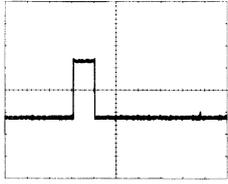
2V/DIV, 10μS/DIV

㉖ SOM (IC602)



2V/DIV, 20μS/DIV

㉗ SIM (IC602)

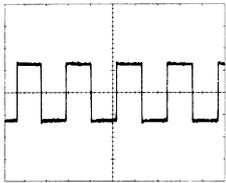


2V/DIV, 20μS/DIV

■ IC451 YEAMD6375G

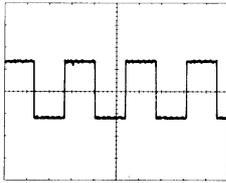
Pin No.	Port	Description	I/O	Volt.(V)
1	NC	Non Connection	—	—
2	WDCK	2 times LRCK frequency	O	2.5
3	C4LR	Non Connection	—	—
4	RFCK	1 frame synchronizing signal	O	2.5
5	EFM1	EFM signal input	I	2.5
6	TEST	(Connecting Ground)	—	0
7	VSS	Ground	—	0
8, 9	C1D1, 2	C1 error status	O	0
10, 11	C2D1, 2	C2 error status	O	0
12, 13	NC	Non Connection	—	—
14	STBY	Stand-by input	I	0
15	NC	Non Connection	—	—
16	PLK1	Non Connection	—	—
17	VDD	+5V power supply	—	5.1
18	PLKK8	(Connecting Ground)	—	0
19	PLCK	Non Connection	—	—
20	VSS	Ground	—	0
21	POUT	Non Connection	—	—
22	WFCK	1 frame synchronizing signal	O	1.0
23	VDD	+5V power supply	—	2.5
24	MDS	Non Connection	—	1.7
25	MDF	Spindle motor Servo (Forward)	O	0
26	MDR	Spindle motor Servo (Reverse)	O	0
27	LOCK	Spindle Servo error signal	O	5.1
28	RST	Reset input	I	5.1
29	AO	Data distinction signal	I	4.4
30	STB	Serial data strobe	I	5.0
31	SO	Serial data output	O	0.8
32	SI	Serial data input	I	1.4
33	VSS	Ground	—	0
34	SCK	Serial clock	I	5.0
35	T _x	Digital audio data	O	2.5
36	MUTE	Non Connection	—	—
37	SFSY	Sub-code synchronizing signal	O	2.8
38	SBSY	Sub-code block signal	O	0
39	SBCK	Sub-code clock	I	0
40	SBSO	Sub-code data	O	0
41	VDD	+5V power supply	—	5.1
42	XTAL	Non Connection	—	—
43	CLK	Crystal oscillator	I	2.4
44	VSS	Ground	—	0
45	XCK	Oscillator output	O	2.8
46	VDD	+5V power supply	—	5.1
47	C4M	Non Connection	—	2.5
48	FLAG	Error correction flag	O	0
49	SRCK	Serial clock output	O	2.5
50	SRDATA	Serial sound data	O	2.5
51	LRCK	Left/Right distinction signal	O	2.5
52	NC	Non Connection	—	—

② WOCK (IC451)



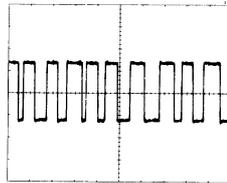
2V/DIV, 5 μ S/DIV

④ RFCK (IC451)



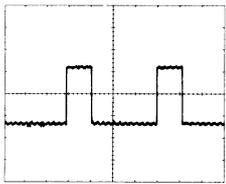
2V/DIV, 50 μ S/DIV

⑤ EFMI (IC451)



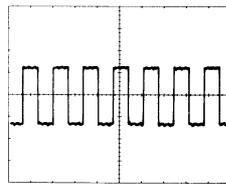
2V/DIV, 2 μ S/DIV

⑧ C1D1 (IC451)



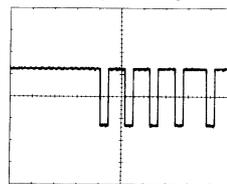
2V/DIV, 0.1mS/DIV

⑫ NFCK (IC451)



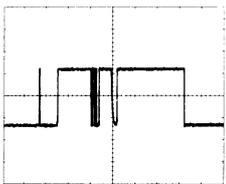
2V/DIV, 0.1mS/DIV

⑲ A0 (IC451)



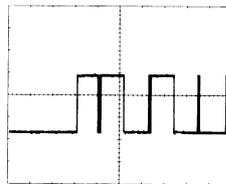
2V/DIV, 0.1mS/DIV

⑳ SO (IC451)



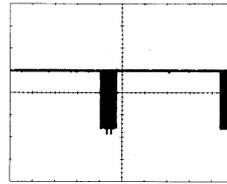
2V/DIV, 20 μ S/DIV

㉒ SI (IC451)



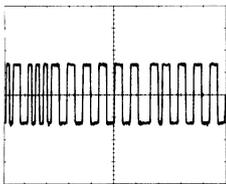
2V/DIV, 50 μ S/DIV

㉔ SCK (IC451)



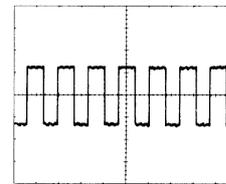
2V/DIV, 10 μ S/DIV

㉖ TX (IC451)



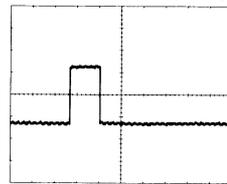
2V/DIV, 1 μ S/DIV

㉘ SFSY (IC451)



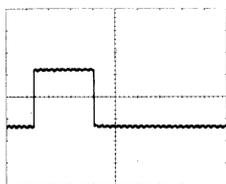
2V/DIV, 0.1mS/DIV

㉚ SBSY (IC451)



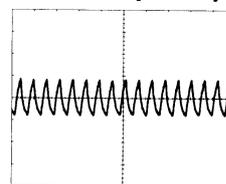
2V/DIV, 0.1mS/DIV

㉜ SBSO (IC451)



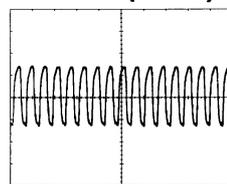
2V/DIV, 0.1mS/DIV

㉞ XTAL (IC451)



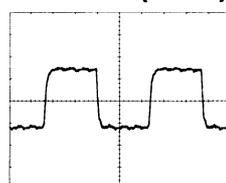
2V/DIV, 0.1 μ S/DIV

㉠ XCK (IC451)



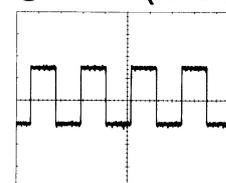
2V/DIV, 0.1 μ S/DIV

㉡ SRCK (IC451)



2V/DIV, 0.1 μ S/DIV

㉣ LRCK (IC451)



2V/DIV, 10 μ S/DIV

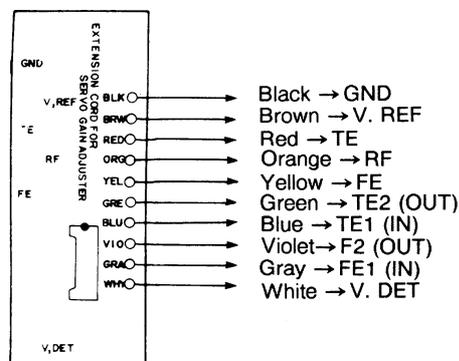
ALIGNMENT PROCEDURE FOR CQ-RDP700/750LEN USING SERVO GAIN ADJUSTER (SZZP 1094C)

- Measuring Tools :
- C.D Servo gain adjuster SZZP1094C
 - 2Ch Oscilloscope with 10 : 1 probes
 - Test discs SZZP1014F(CDT-002)
 - Extension cord for servo gain adjuster Part No. YESFZN2006
 - Extension cord Part No.YESFZN2013
 - Extension cord Part No.SZZP1104

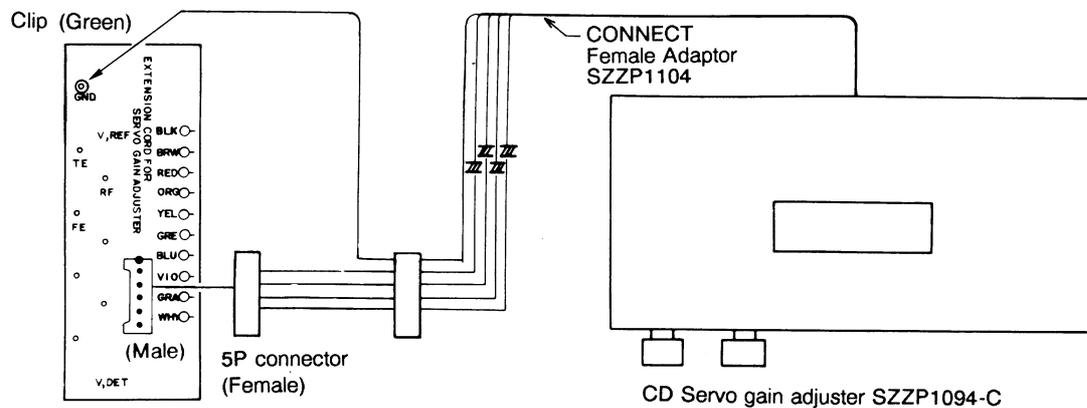
Caution :

- Be sure to remove the deck ass'y after turning the main power off when removing the deck ass'y.
If the deck ass'y is removed with the power on, damage may be done to IC603 (YEAM78014533) in some cases.

1. Connect wires of the extension cord for servo gain adjuster to following test points.
(Refer to page 42 for details)

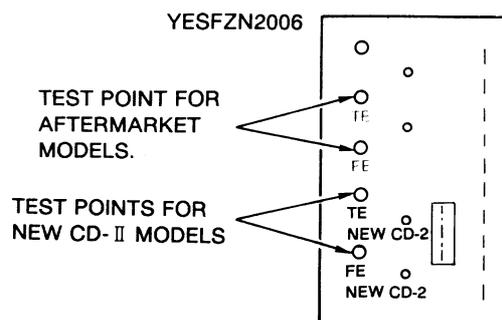


2. Jig connections are as follows :



Note : Servo gain adjuster GND must be connected to GND of extension cord.

3. Test Points



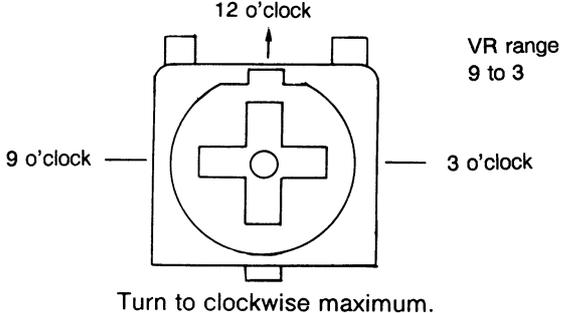
Note :

Please ignore the test points 'TE' and 'FE' on test jig (YESFZN2006).
Mark 'TE' and 'FE' test points for NEW CD-II which connect to the blue lead and gray lead respectively.
(See diagram)

4. Pre Alignment Procedure

Note :

If unit does not play CD's preform this procedure otherwise skip to alignment procedure.

VR. MAME	VR REF NO	POSITION	REMARKS
Focus offset	VR104	12 o'clock	
Focus balance	VR103	12 o'clock	
Focus gain	VR102	12 o'clock	
Tracking balance	VR101	10 o'clock	
Tracking gain	VR105	12 o'clock	
Tracking offset	VR106	12 o'clock	
RF offset	VR107	12 o'clock	

1) Pre alignment for Focus offset (VR104)

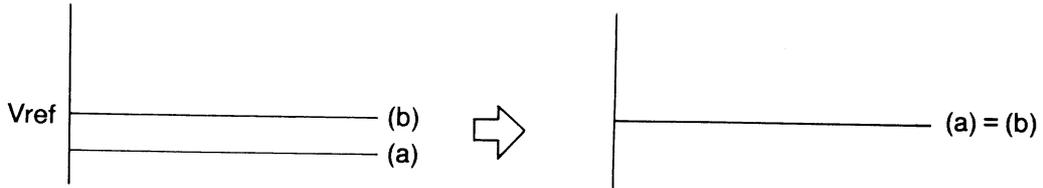
● P.ON/P.DOWN (Collector of Q731 and Q502) → Short to ground

Test point : FE1 Oscilloscope Ch1
 : V.REF2 Oscilloscope Ch2

Oscilloscope setting : 1ms/div, 50mV/div, DC, AUTO

Operation : Set both CH1 + CH2 reference points at the bottom of screen. (same reference line.)
 Short the P.ON/P.DOWN (Collector of Q731 and Q502) to ground without inserting a disc.

Alignment : Adjust VR104 until the FE voltage (a) and VREF (b) are equal.



2) Pre alignment for Tracking offset (VR106)

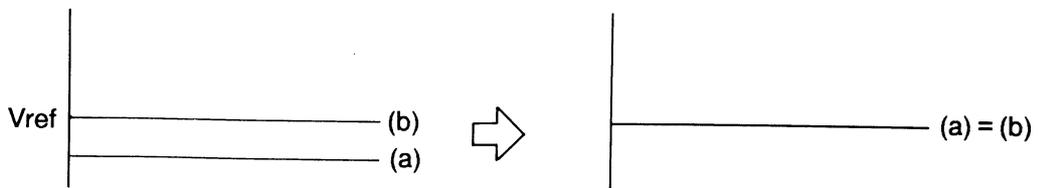
● P.ON/P.DOWN (Collector of Q731 and Q502) → Short to ground

Test point : TE1 Oscilloscope Ch1
 : V.REF2 Oscilloscope Ch2

Oscilloscope setting : 1ms/div, 50mV/div, DC, AUTO

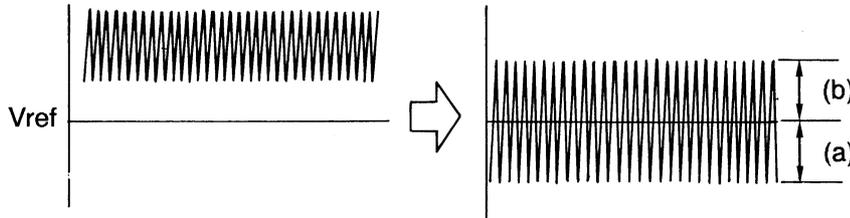
Operation : Set both CH1 + CH2 reference points at the bottom of screen. (same reference line.)
 Short the P.ON/P.DOWN (Collector of Q731 and Q502) to ground without inserting a disc.

Alignment : Adjust VR106 until the FE voltage (a) and VREF (b) are equal.



3) Pre alignment for RF offset (VR107)

Test point : RF Oscilloscope Ch1
 V.REF2 Oscilloscope Ch2
 Oscilloscope setting : 5ms/div, 50mV/div, DC, AUTO
 Operation : Set both CH1 + CH2 reference points at the bottom of screen. (same reference line)
 Play track #1 of test disc CDT-002.
 Alignment : Adjust VR107 until the RF signal amplitude (a) and (b) are equal.
 Waveform :



Notes :

1. Repeat the above procedure several times until the test disc starts to play.
2. If the alignment is not made within 7-10 seconds, the disc will be ejected. Press the reset switch and try again.

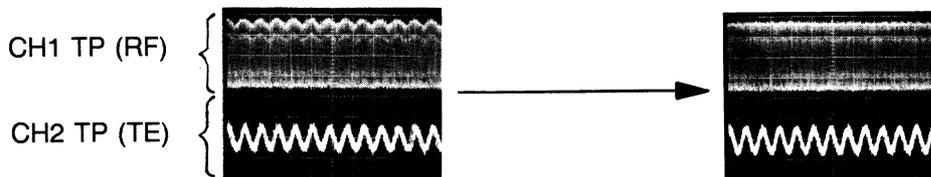
5. Alignment Procedure

Note :

When performing the alignments which require the servo jig, set the amplitude of jig to minimum level. Play the disc and gradually increase the amplitude to 0.4V.

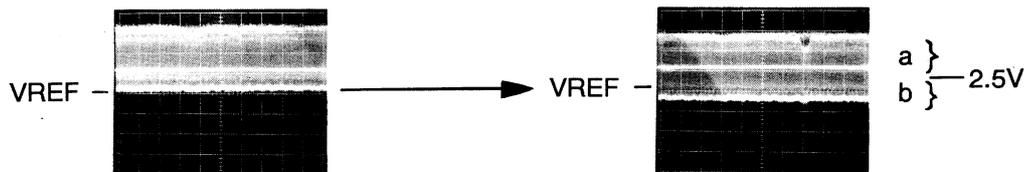
1) TRACKING BALANCE (VR101)

- Oscilloscope Setting : CH1, CH2 50mV, 0.2mS, AC, AUTO
- Test Points : CH1 to RF (orange), CH2 to "TE(NEW CD II)" (blue) of connection board
- Servo Jig Setting : 0.4V, 1.4kHz, Mode 1, Tracking on
- Turn Servo Jig on and adjust VR101 to make the ripple on the RF envelope of minimum amplitude.



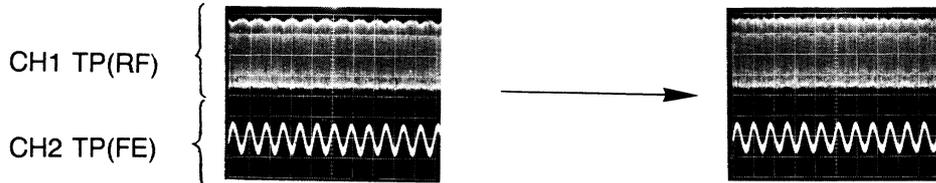
2) RF OFFSET (VR107)

- Oscilloscope Setting : CH1, CH2 50mV, 0.5mS, DC, AUTO
- Temporarily ground CH, 2CH and set both traces to the same reference point on the bottom of the screen
- Test Points : CH1 to RF (orange), CH2 to V.REF (brown)
- Servo Jig Setting : MODE 2 (DEFEATED)
- Play track #1 of SZZP1014F (CDT-002) and adjust VR107 so that the RF waveform is equal on both sides of VREF.



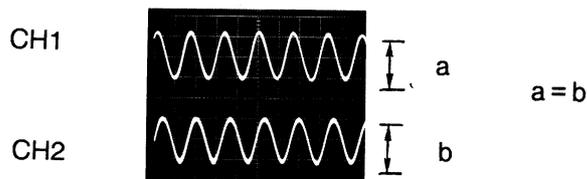
3) FOCUS BALANCE (VR103)

- Oscilloscope Setting : CH1, CH2 50mV, 1mS, AC, AUTO
- Test Points : CH1 to RF (orange), CH2 to FE (NEW CD-II) (grey)
- Servo Jig Setting : 0.4V, 1.2kHz, Mode 3, Tracking on
- Play track #1 of CDT-002 and adjust VR103 to make the ripple on the RF envelope of minimum amplitude.



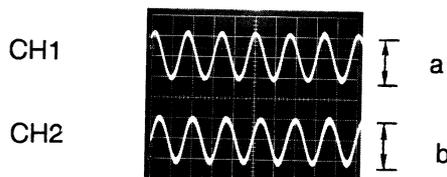
4) FOCUS GAIN (VR102)

- Oscilloscope Setting : CH1, CH2 20mV, 0.5mS, AC, AUTO
- Test Points : TP1 and TP2 of Test Jig. Ground scope to Test Jig ONLY. DO NOT GROUND SCOPE TO UNIT.
- Servo Jig Setting : 0.4V, 1.2kHz, Mode 3, Tracking on
- Play track #1 of CDT-002 and adjust VR102 so that the amplitudes of the waveforms are equal (the green LED on the Test Jig will light when both waveforms are equal).



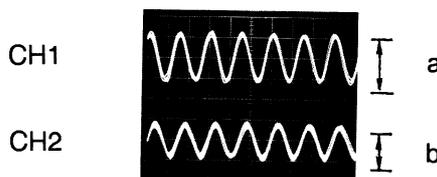
5) TRACKING GAIN (VR105)

- Oscilloscope Setting : CH1, CH2 20mV, 0.5mS, AC, AUTO
- Test Points : TP1 and TP2 of Test Jig. Ground scope to Test Jig ONLY. DO NOT GROUND SCOPE TO UNIT.
- Servo Jig Setting : 0.4V, 1.4kHz, Mode 1, Tracking on
- Play track #1 of CDT-002 and adjust VR105 so that the amplitudes of the waveforms are equal (the green LED on the Test jig will light when both waveforms are equal).



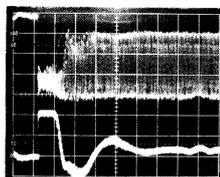
6) TRACKING GAIN CONFIRMATION

- After performing the Tracking Gain procedure, connect CH1 of Scope to TE (NEW CD-II) (blue) and CH2 to TP2.
- Confirm that the amplitude of CH1 DOUBLES, when the pin 2 of IC101 (TP. A) is connected to GROUND by using resistor 10kΩ.



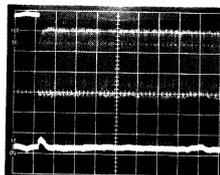
7) FOCUS OFFSET (VR104)

- Oscilloscope Setting : CH1 50mV, CH2 50mV, 0.5mS, AC, NORM
- Test Points : CH1 to RF (orange), CH2 to FE (NEW CD- II) (grey)
- Servo Jig Setting : Off (Not needed.)
- Play track #8 or 9 of CDT-002. Adjust trigger level to obtain waveforms shown in diagram below. Adjust VR104 to minimize the depression in the RF envelope and make A = B in the FE waveform.



CH1

CH2

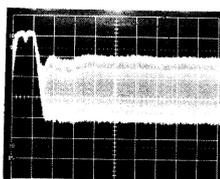


CH1

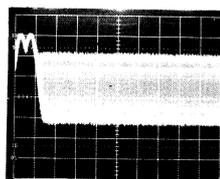
CH2

8) TRACKING OFFSET (VR106)

- Oscilloscope Setting : CH1 0.5V, CH2 50mV, 0.5mS, AC, NORM
- Test Points : CH1 to RF (orange)
- Servo Jig Setting : Off (Not needed.)
- Play track #8 or 9 of CDT-002. Adjust trigger level to obtain waveforms shown in diagram below. Adjust VR106 to minimize the depression in the RF envelope.

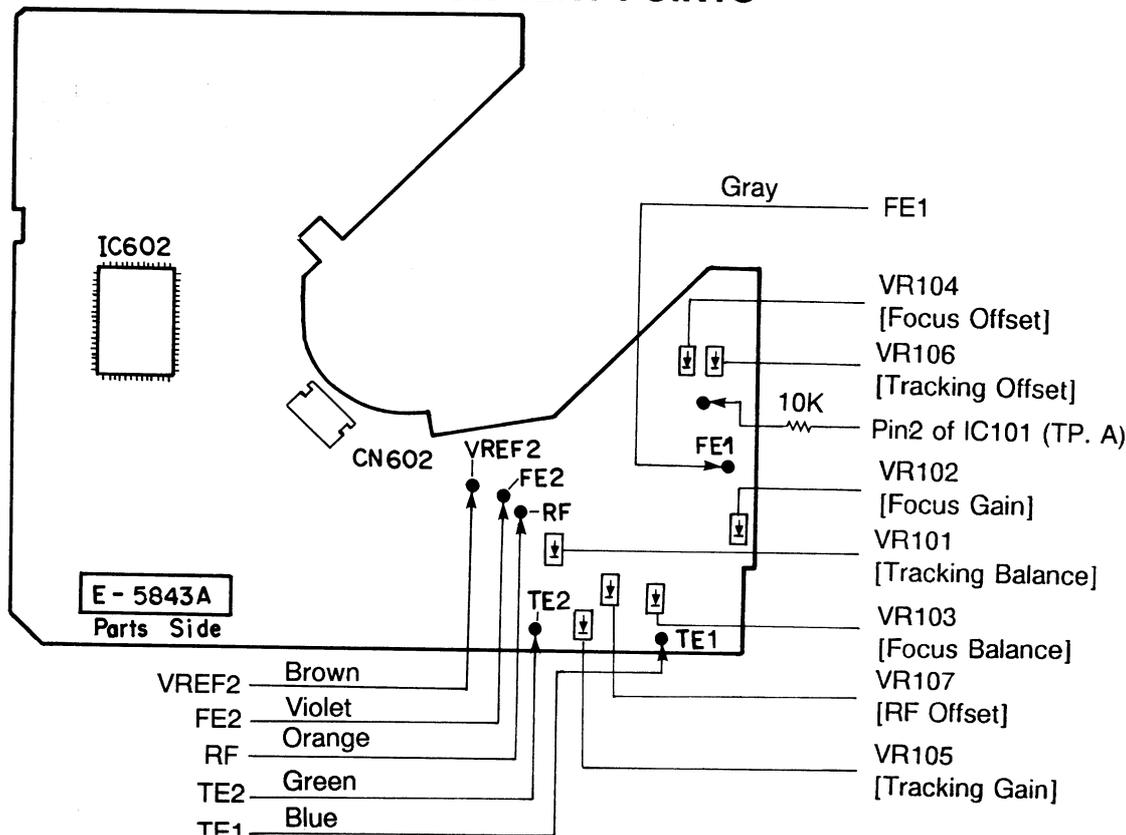


CH1



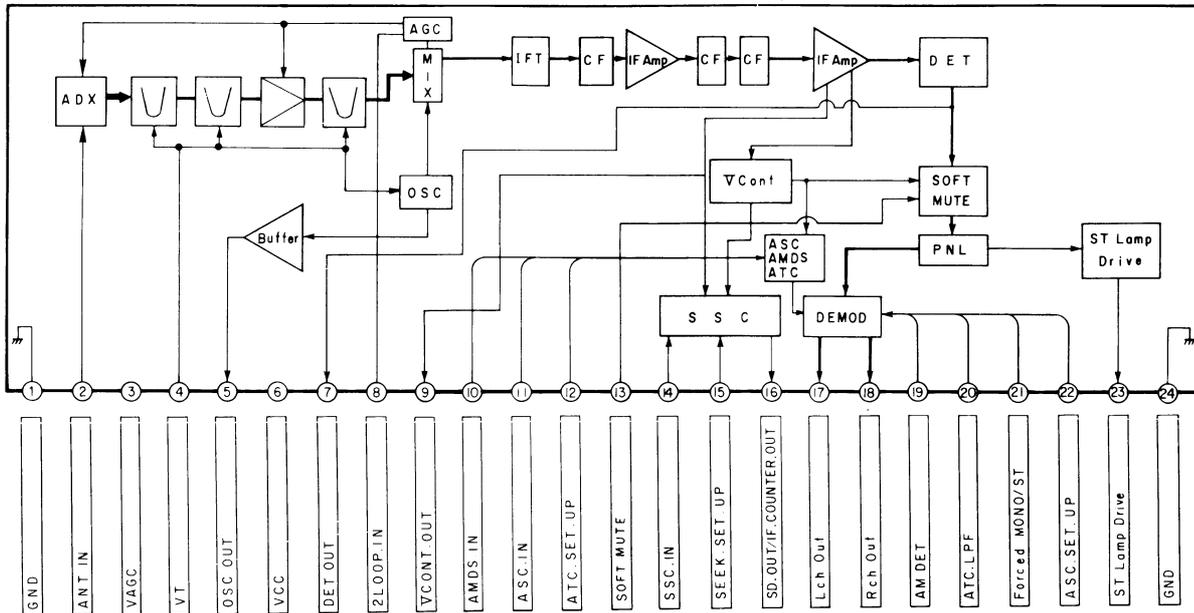
CH1

ALIGNMENT POINTS

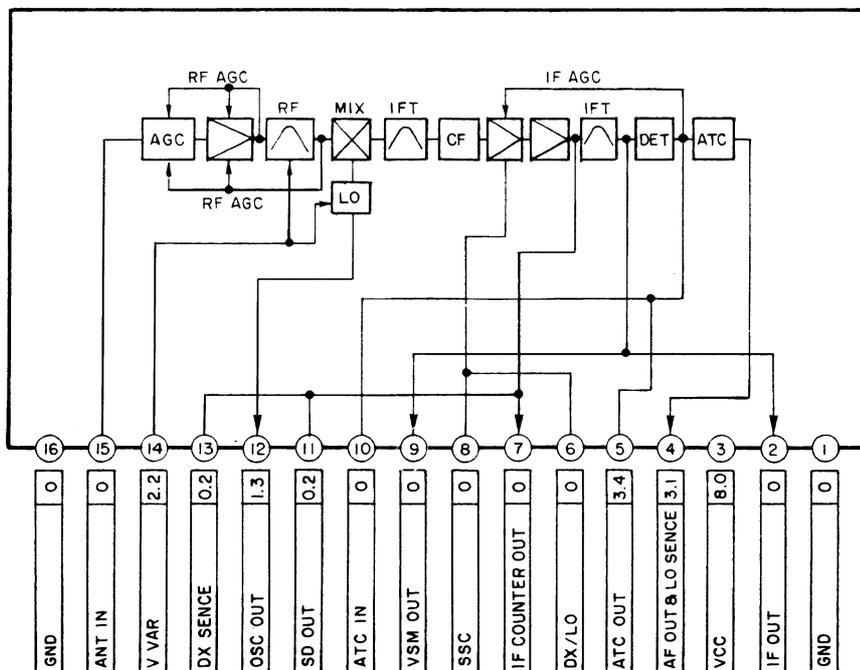


PACKAGE AND IC BLOCK DIAGRAM

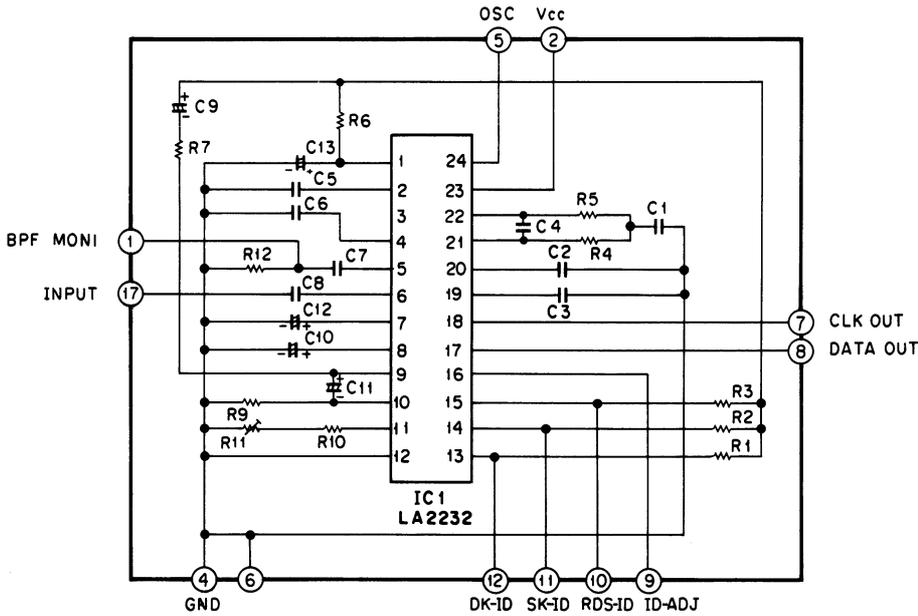
● PA51 YEP0PTY323A0



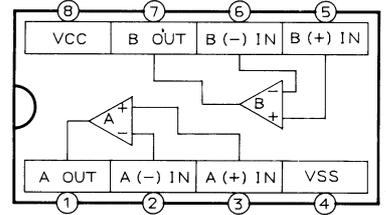
● PA101 YEP0PTY356A0



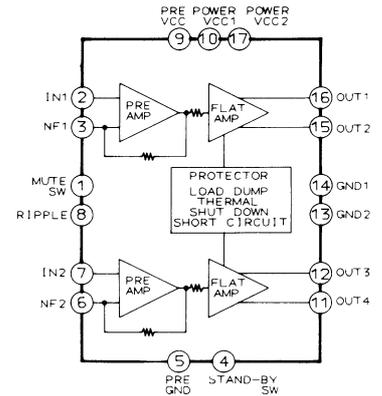
● PA750 YEAMSTK3110M



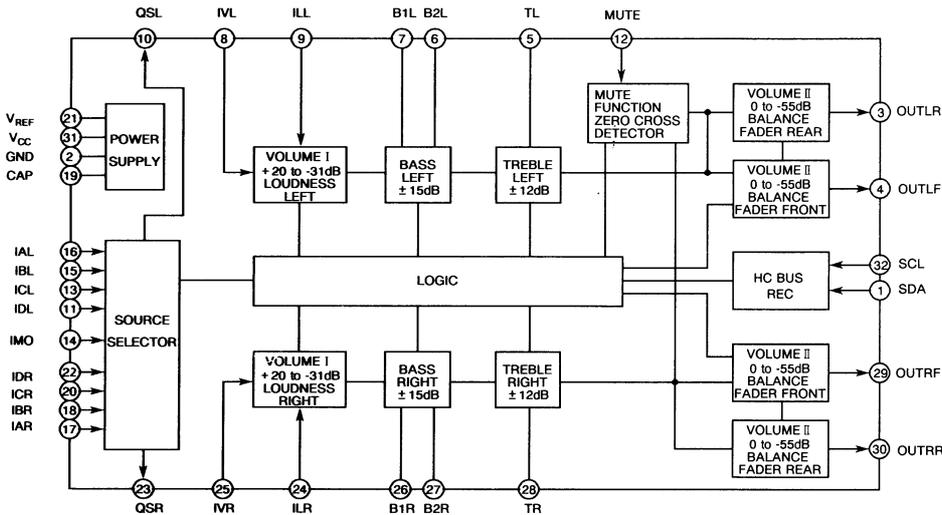
● IC201 YEAMM5218AFE



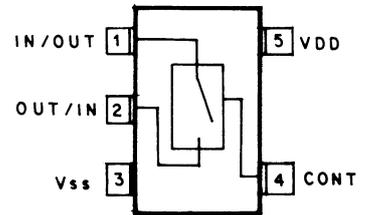
● IC250, 350 YEAMTA8210AH



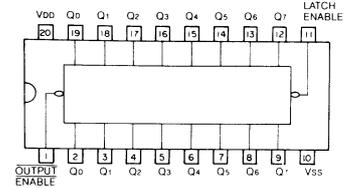
● IC200 YEAMEA6320TT



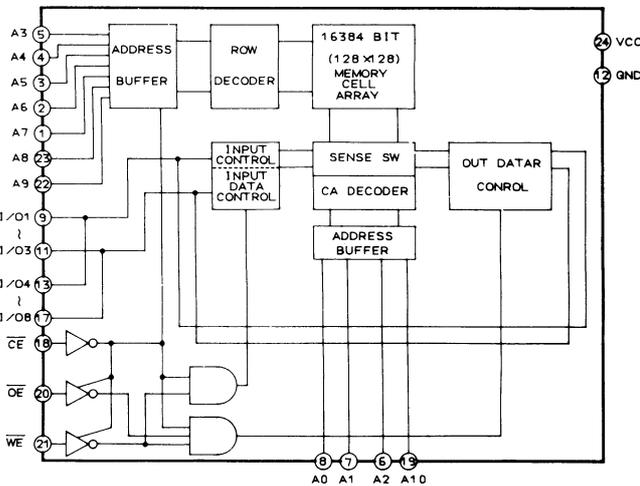
● IC401 YEAMTC4S66FL



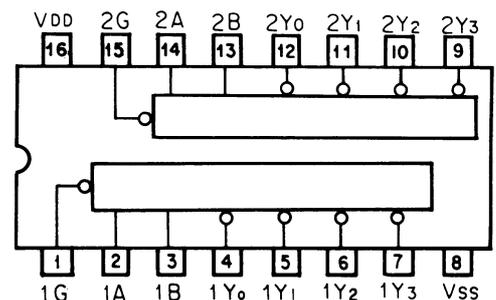
● IC601, 602 YEAMUPH573T1



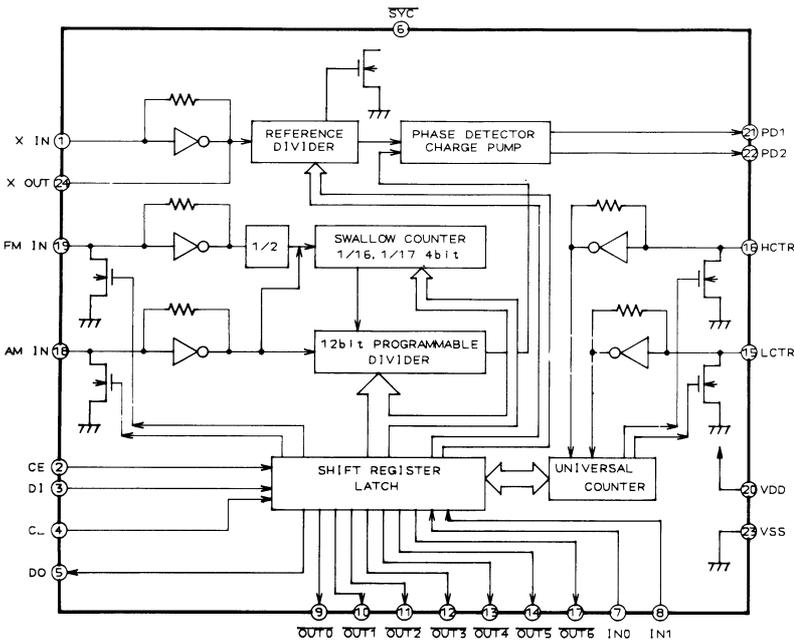
● IC600 YEAM3517L15



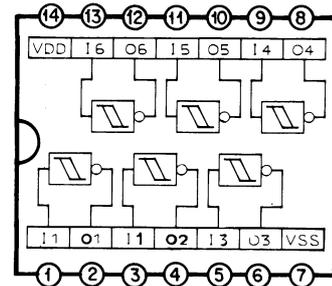
● IC604 YEAMUPH239E1



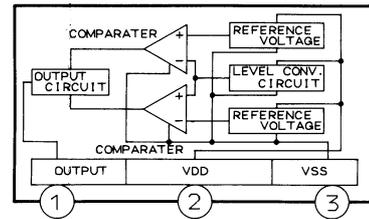
● IC400 YEAMLC72191M



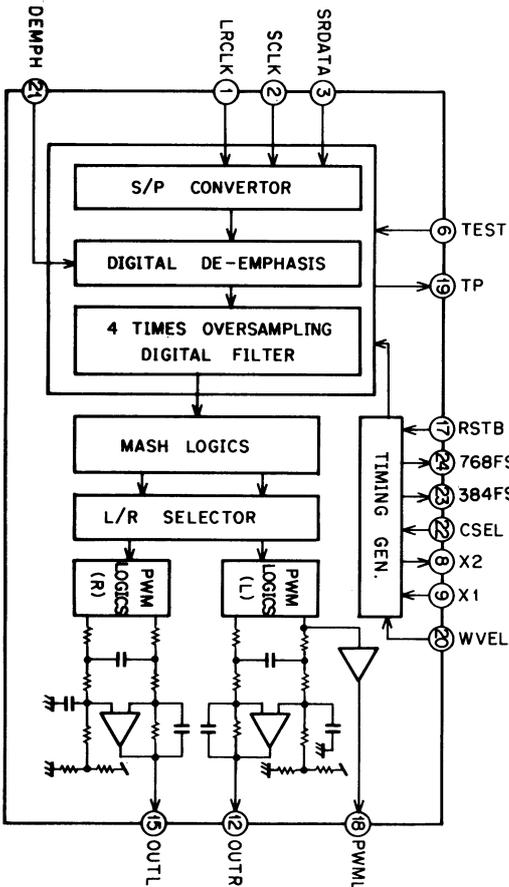
● IC702 MN4584BST1



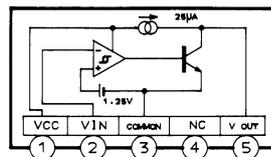
● IC708
MN1280PQR



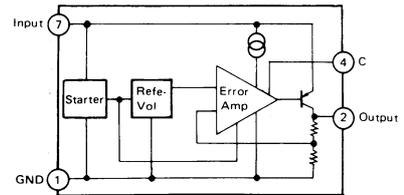
● IC500
MN64752E1



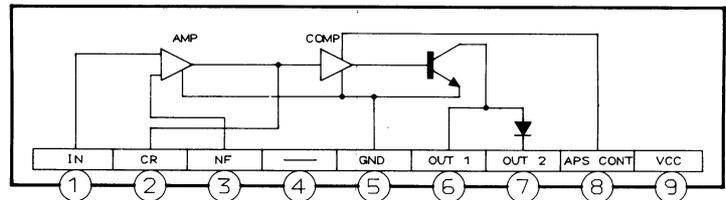
● IC707
YEAMM51945AL



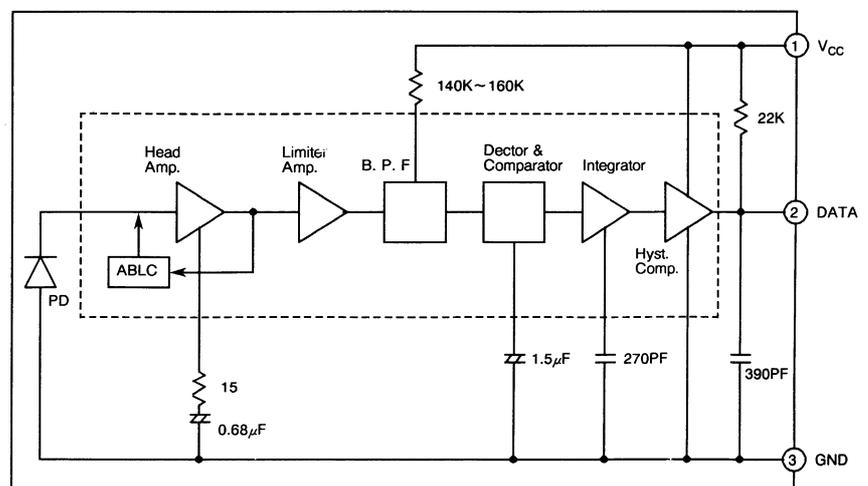
● IC705
YEALA5009M



● IC750 YEAMLA2000S

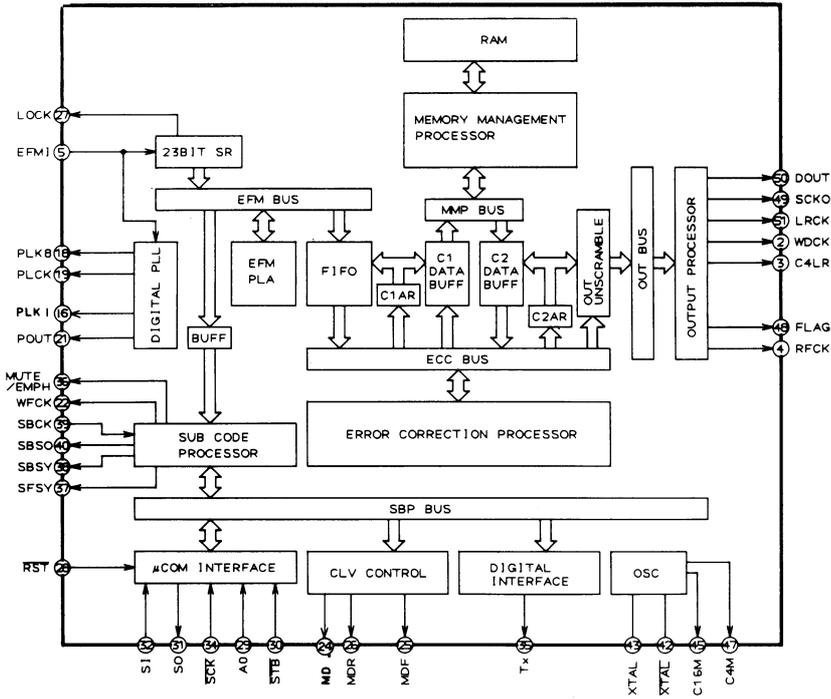


● IC703 YEAMPAS0671

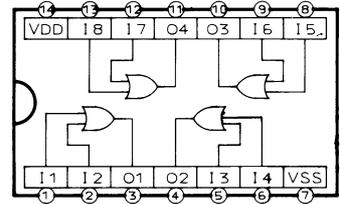


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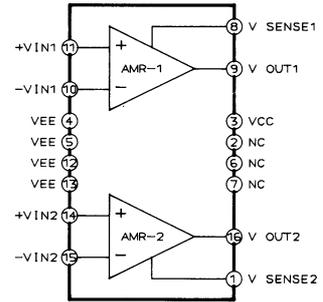
● IC451 YEAMD6375G



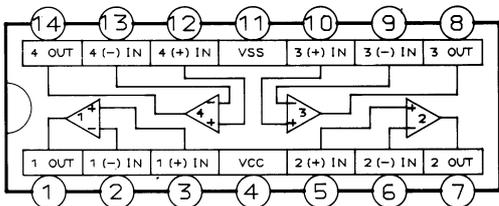
● IC905
MN4071BST1



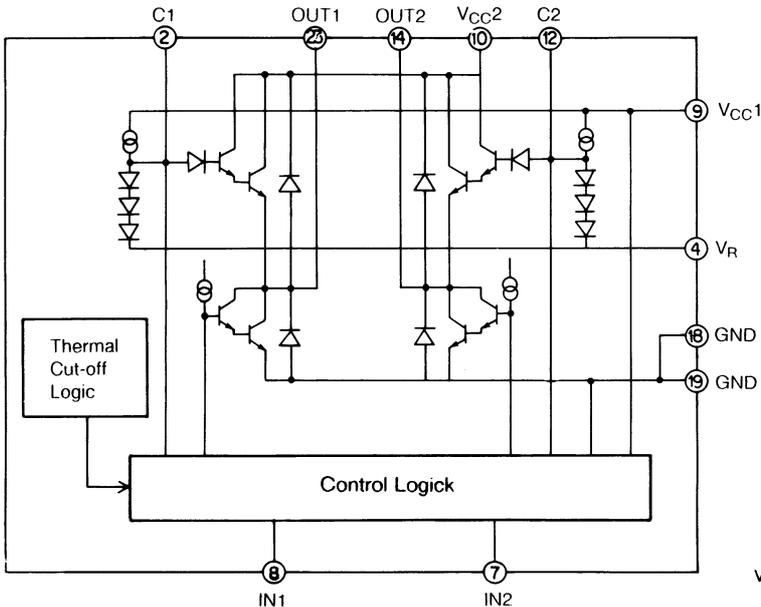
● IC907, 908
YEAMTA8406F



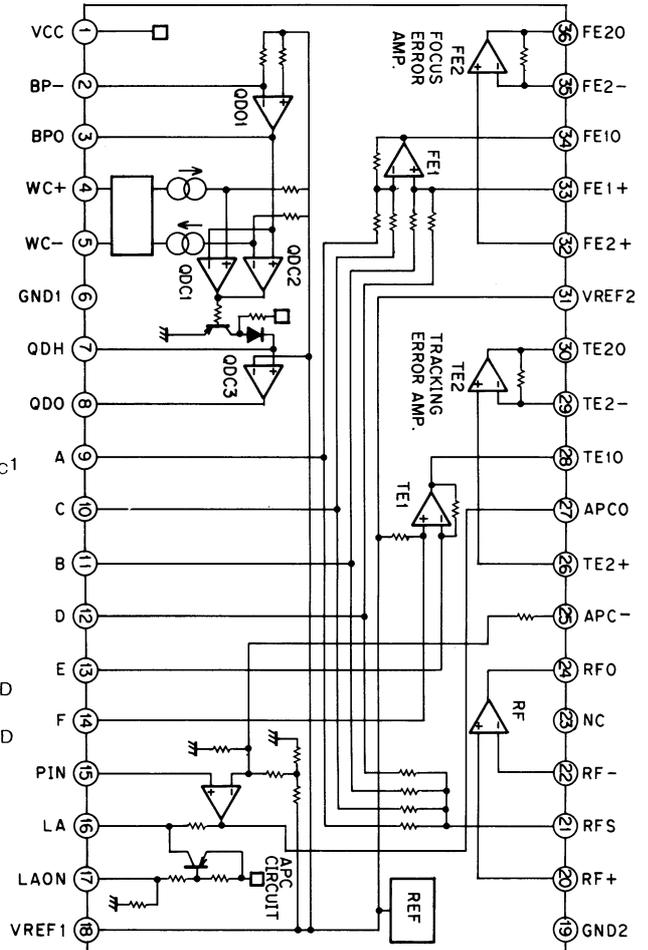
● IC906,
YEAMPC4574T1



● IC603
YEAMBA6219BF

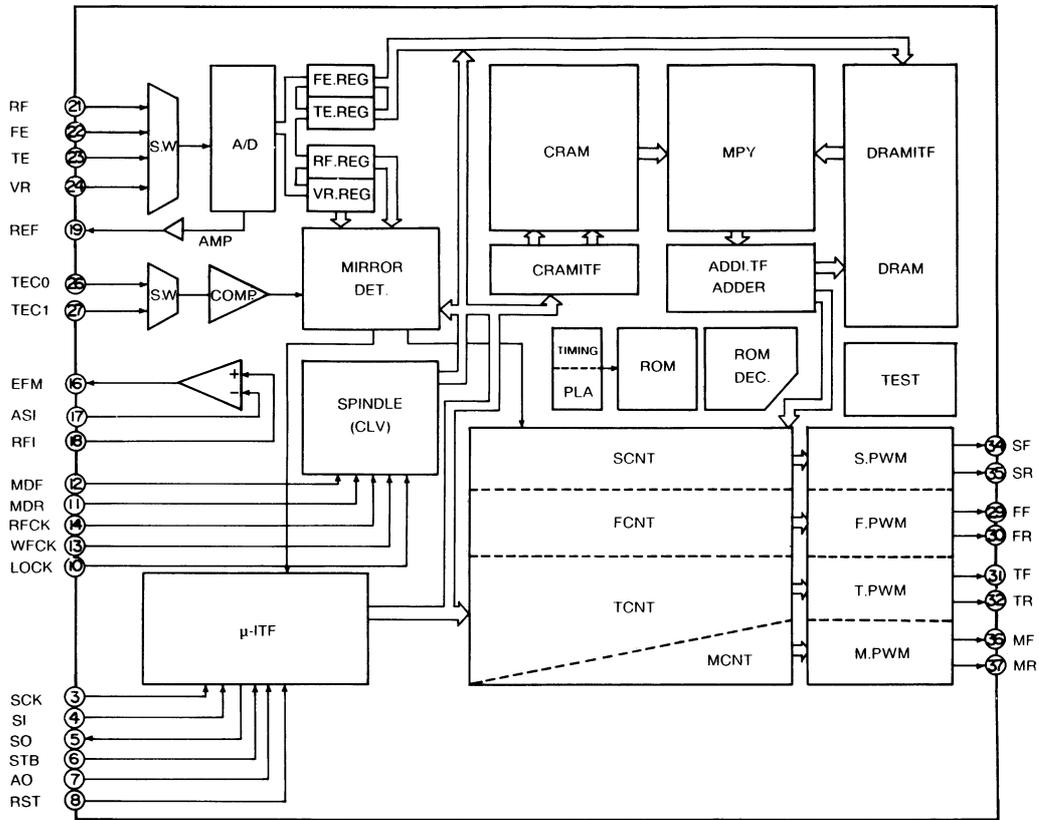


● IC101
YEAMC2570G

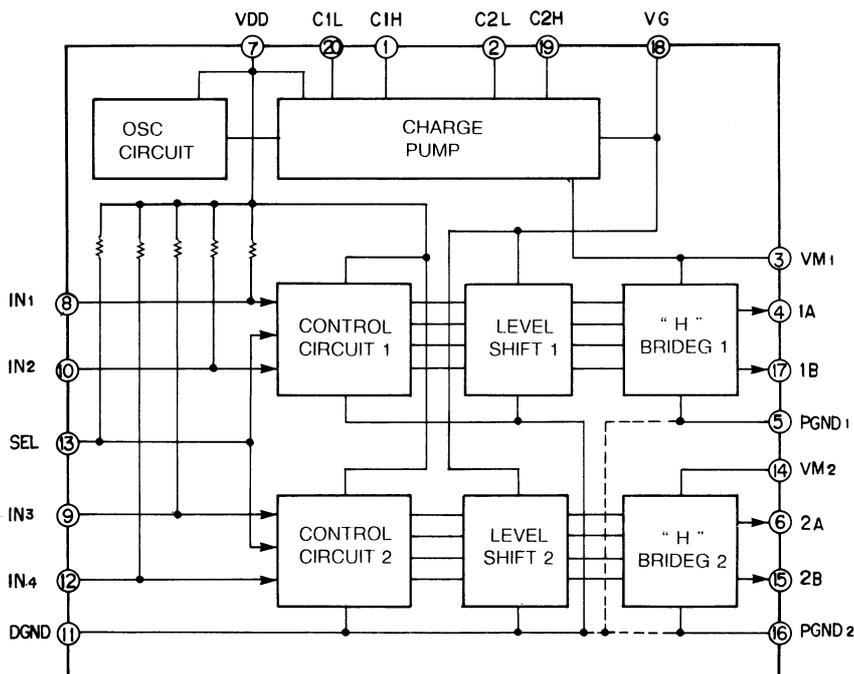


<E-5843A>

● IC805
YEAMD637501



● IC903, 904
YEAMD16808G



Replacement Parts List
Models NO. CQ-RDP750LEN/CQ-RDP700LEN

NOTES :

1. Be sure to make your orders of replacement parts according to this list.
2. Important safety notice : Components identified by Δ mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.
3. Next to the Ref. No. in the parts list is a location key, to show the general location of the parts shown in the exploded drawing, as in a road map.
4. The marking (RTL) indicates that Retention Time is limited for this item. After the discontinuation of assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependent on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.

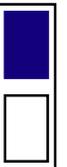
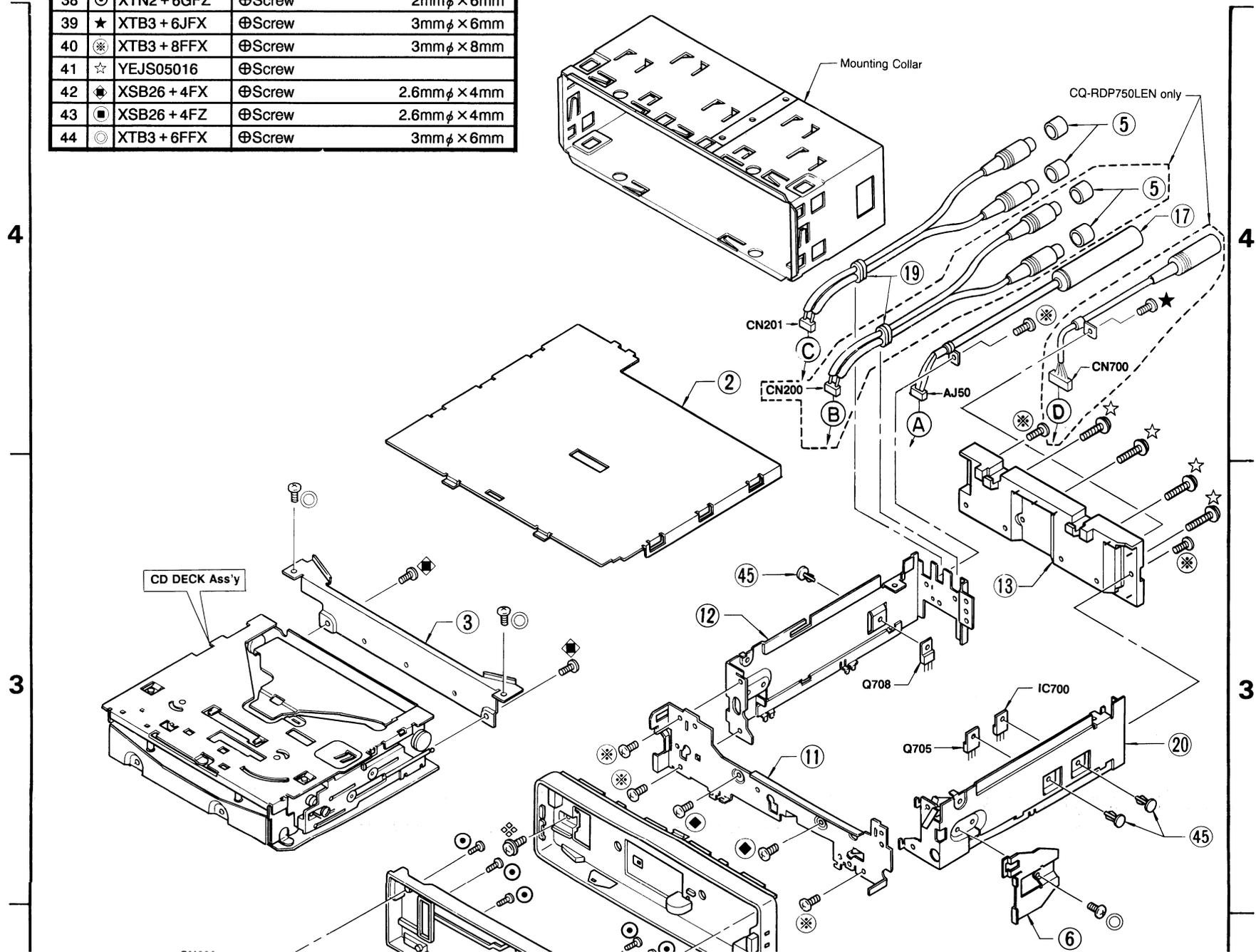
Ref. No.	Part No.	Part Code	Part Name & Description	Pcs set	Remarks
MISCELLANEOUS					
F1	XBB1C10NR1		Fuse 1A	1	
F2	XBA1C100NS1		Fuse 10A	1	
Z50	YEAL02010T		Neon Tube	1	
Z770	ERZC07DK470		ZNR	1	
PL601, 602	YEAL01184		Pilot Lamp	2	
CN200	YEAE012242		4P Connector	1	CQ-RDP750LEN only
CN201	YEAE012243		4P Connector	1	CQ-RDP750LEN only
	YEAE012244			1	CQ-RDP700LEN only
CN500	YEAE0124TKCB		24P Connector	1	
CN600	YEAE0112TKCX		12P Connector	1	
CN602	YEAE012013A		13P Connector	1	
CN700	YEAE012205		8P Connector	1	CQ-RDP750LEN only
CN701	YEAE011955		12P Connector	1	
CP600	YEAE0112TKCV		12P Connector	1	
CP602	YEAE012014A		14P Connector	1	
2	(4-B) YEFA031262A		Upper Cover	1	
3	(3-A) YEFX0213446		Mounting Bracket for Deck	1	
4	(2-A) YEFS011197		Pad	1	
5	(4-C) YEFR04187		Lead Protector	2	CQ-RDP700LEN only
				4	CQ-RDP750LEN only
6	(3-C) YEFX0213475		Mounting Bracket (R)	1	
7	(3-B) YEFK023912		Escutcheon Ass'y (Unit)	1	CQ-RDP750LEN only
				1	CQ-RDP700LEN only
8	(2-C) YEAJ011327		Power Cord	1	
9	(2-C) YEAJ09290		Wire bonding	1	
10	(1-C) YEFA05554A		Under Cover	1	
11	(3-B) YEFA07308		Front Plate	1	
12	(3-B) YEFA09399BK		Side Plate	1	
13	(3-C) YEFF01736A		Heat Shink	1	
14	(1-B) YEFX0212814		Mounting Bracket for IC	2	
15	(1-B) YEFX0213474		Mounting Bracket	1	
16	(1-C) YEFK06409		Holder	1	
17	(4-C) YEAA09126		Antenna Receptacle	1	
18	(1-C) YEFV011523		Insulator	1	
19	(4-C) YEFX007380		Cord Clamper	2	CQ-RDP750LEN only
				1	CQ-RDP700LEN only
20	(3-C) YEFA09402		Side Plate (R)	1	
21	(2-A) YEFK024060A		Escutcheon Ass'y (Display)	1	CQ-RDP750LEN only
				1	CQ-RDP700LEN only
22	(2-A) YEFE133474		Button, Power	1	
23	(2-A) YEFE133481		Button CD Eject	1	
24	(2-B) YEFA131020		Case	1	
25	(2-A) YEFX0011406		Panel Light	2	
26	(2-A) YEFX9991225		Filter	1	CQ-RDP750LEN only
27	(2-A) YEFX9991226		Guide Spacer	1	CQ-RDP750LEN only
28	(1-A) YEFX0213568		Bracket for LCD	1	
29	(2-B) YEFK04542		Pilot Lamp Holder	1	
30	(2-B) YEFK06622		Holder LCD	1	
31	(2-B) YEFR04167		Illumi. Cap	1	
32	(2-B) YEFR04449		Illumi. Cap	1	CQ-RDP750LEN only
33	(2-B) YEFR07078		Inter Connector	1	
34	(2-A) YEFX0011405		Panel Light	1	
35	(2-A) YEFX025124		Color Screen	1	
36	(2-A) YEFX999466		LCD Spacer	1	
37	YEJS05035		Screw	2	
38	XTN2 + 6GFZ		Screw	6	

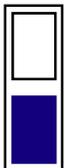
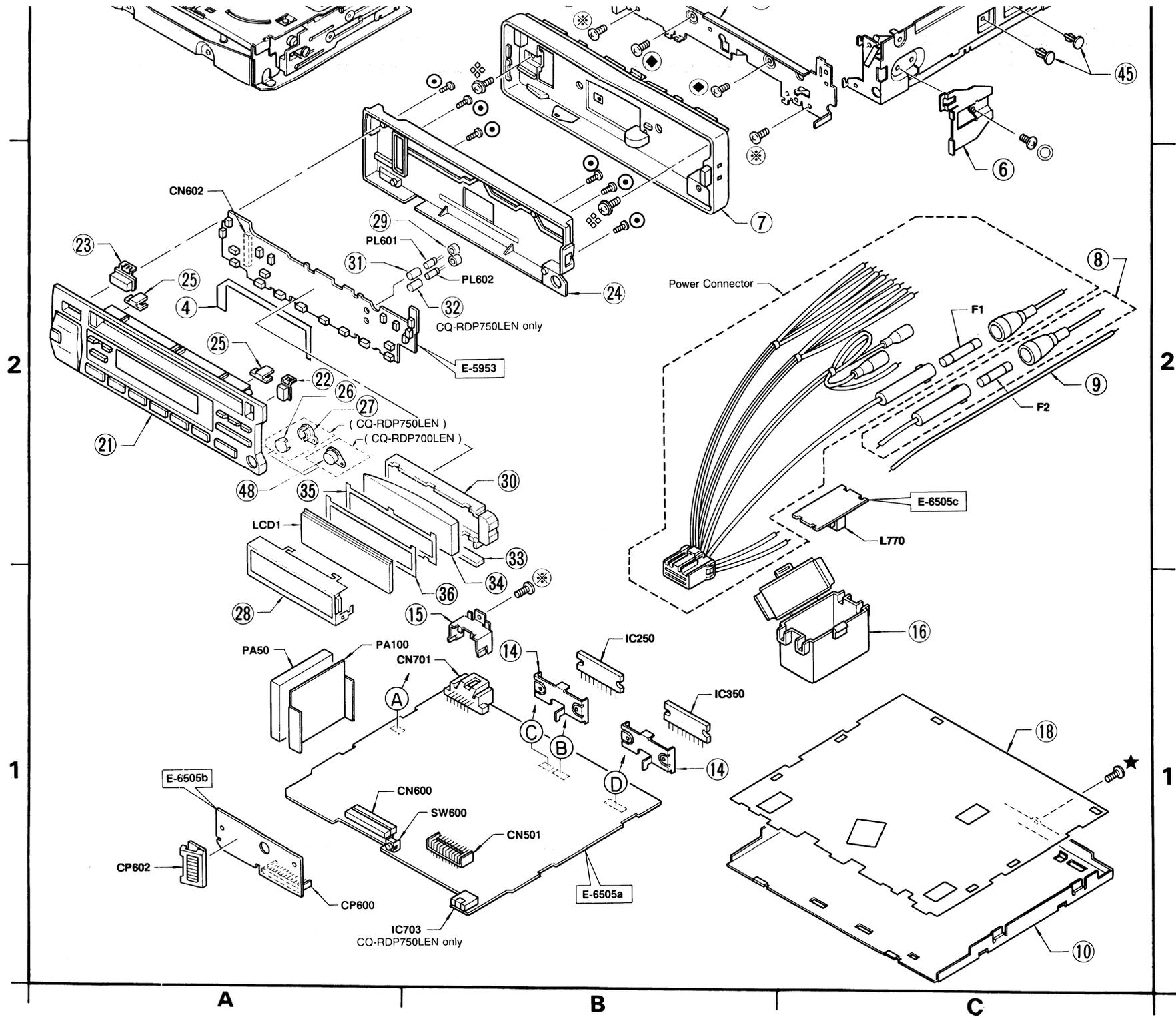
EXPLODED VIEW (UNIT) / AUFGELOTE DARSTELLUNGS (GANZES GERÄT)

■ Numbers in ○ are indicated REF.No. in the REPLACEMENT PARTS LIST

■ The symbols next to the screws indicate as follows.

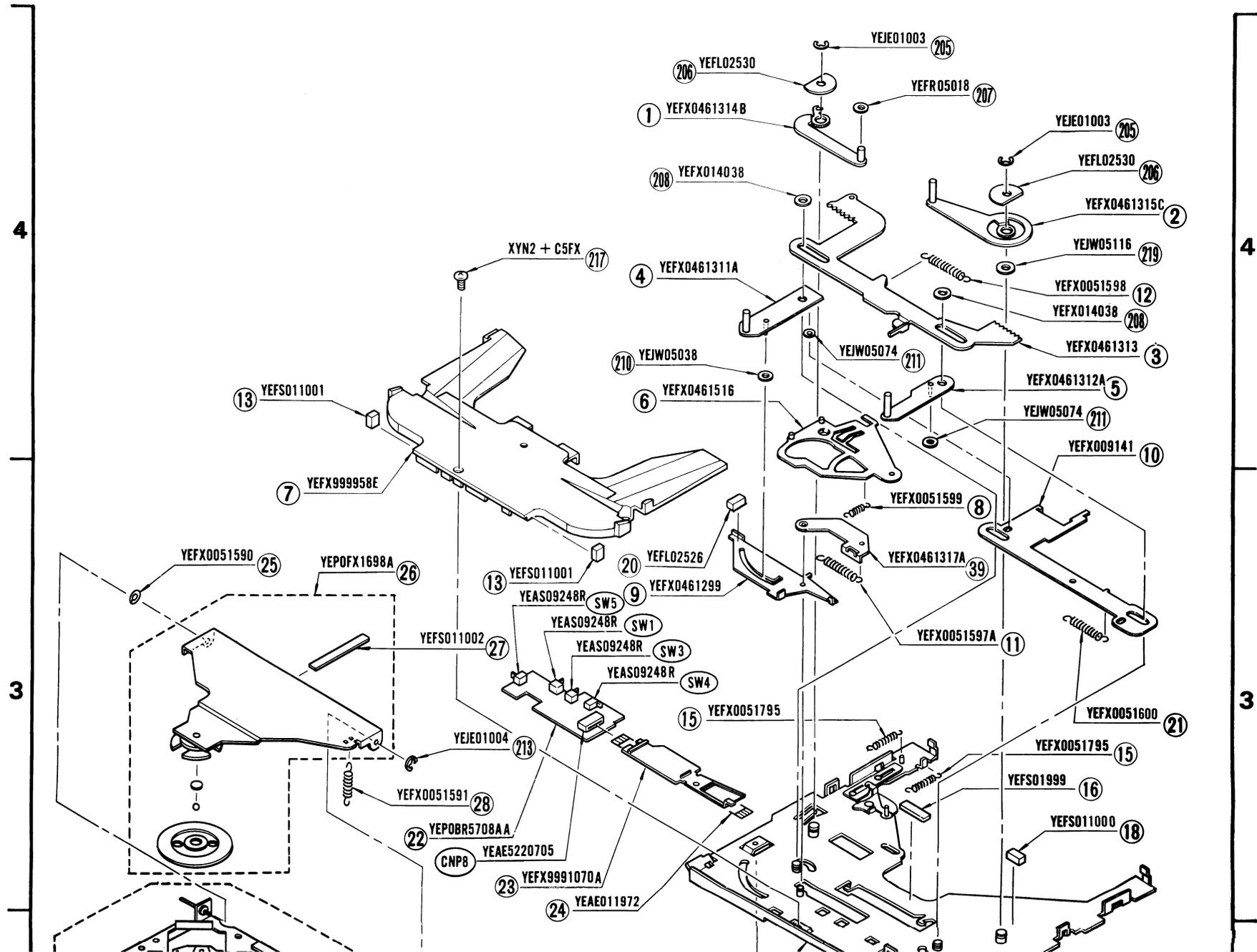
37	⊗	YEJS05035	⊕Screw	
38	⊙	XTN2 + 6GFZ	⊕Screw	2mmφ × 6mm
39	★	XTB3 + 6JFX	⊕Screw	3mmφ × 6mm
40	⊗	XTB3 + 8FFX	⊕Screw	3mmφ × 8mm
41	☆	YEJS05016	⊕Screw	
42	⊙	XSB26 + 4FX	⊕Screw	2.6mmφ × 4mm
43	⊙	XSB26 + 4FZ	⊕Screw	2.6mmφ × 4mm
44	⊙	XTB3 + 6FFX	⊕Screw	3mmφ × 6mm

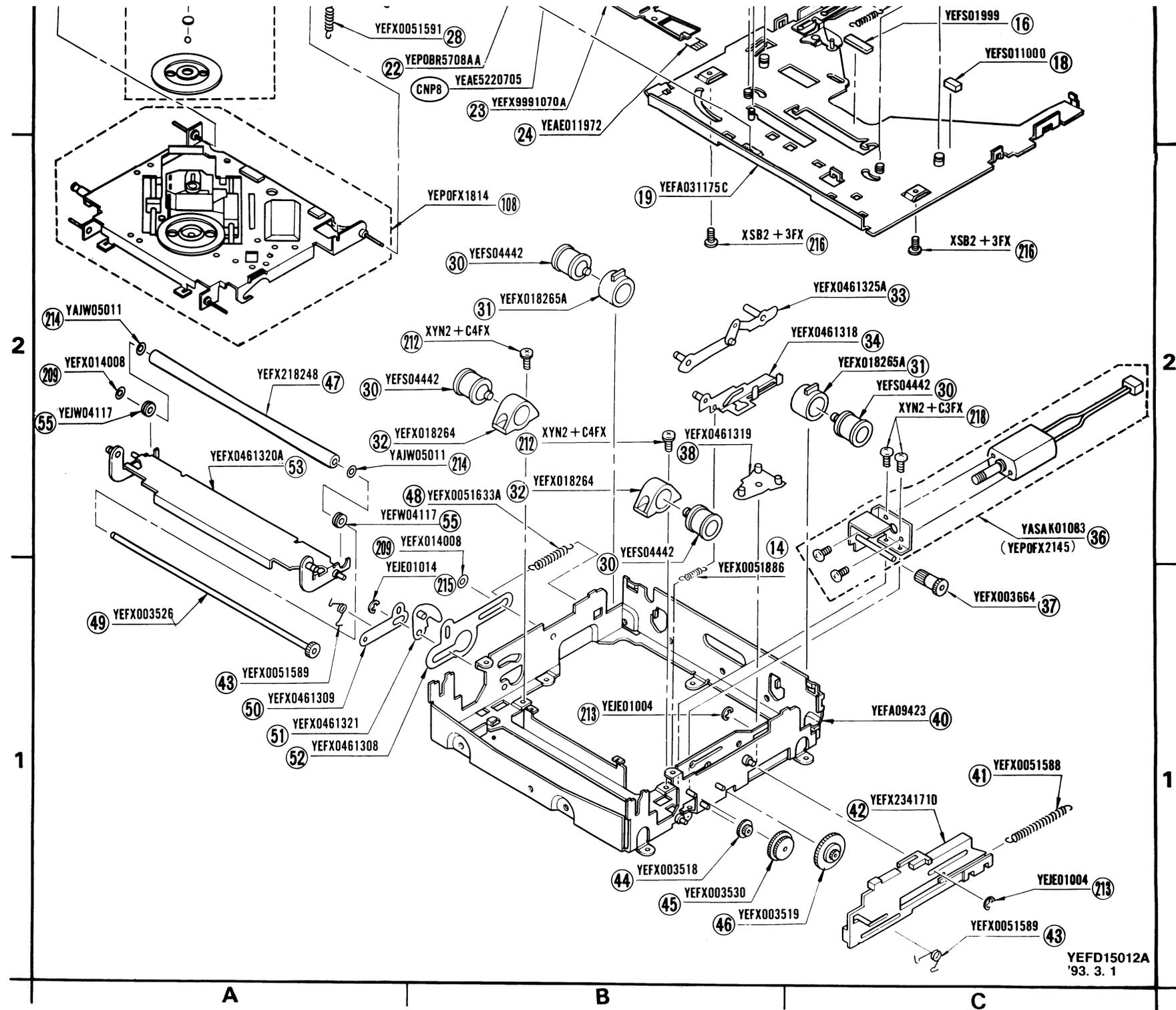




EXPLODED VIEW (CD DECK) / AUFGELOTE DARSTELLUNGS (CD TONBAND GERÄT)

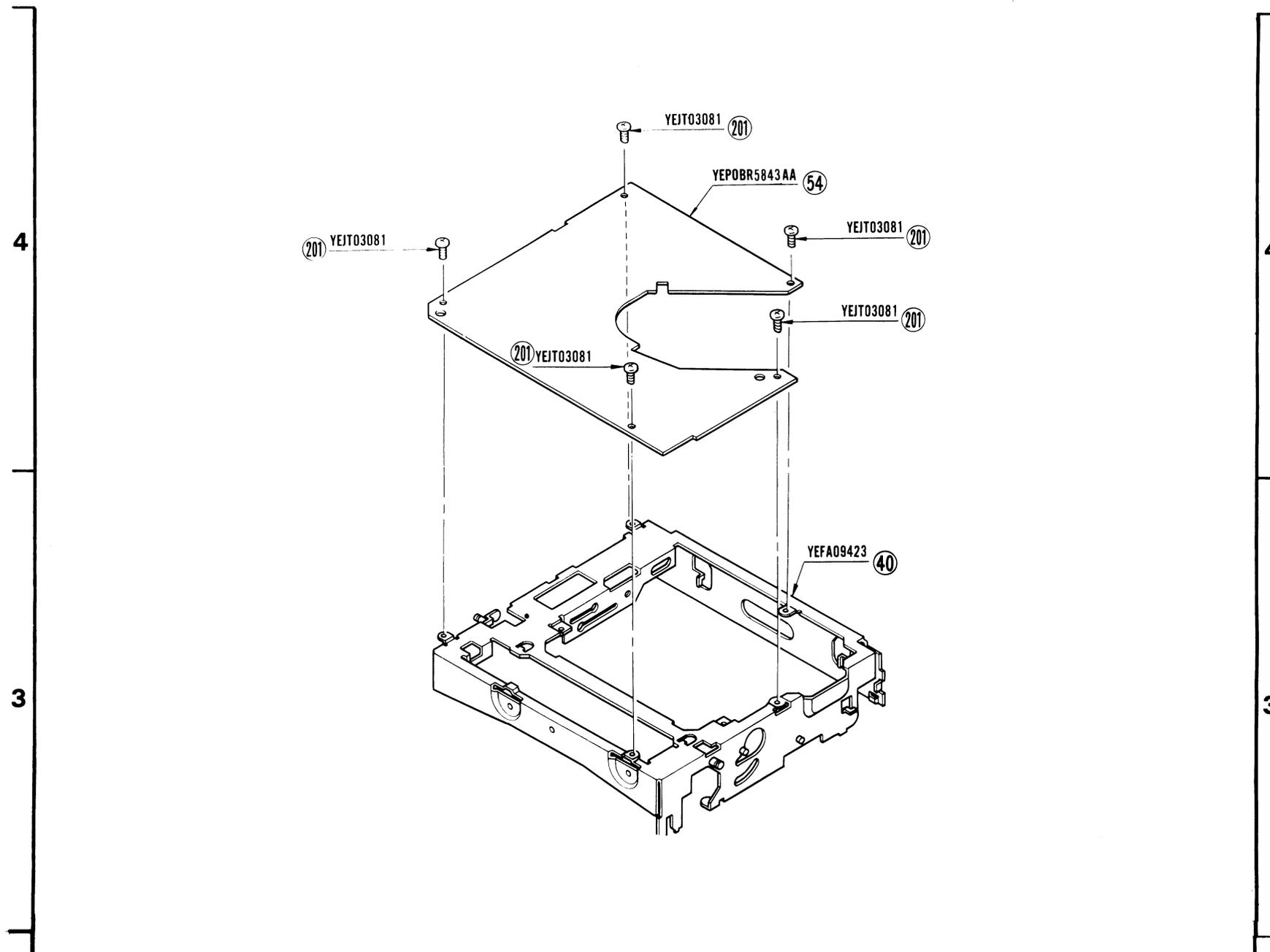
■ Numbers in ○ are indicated REF.No. in the REPLACEMENT PARTS LIST



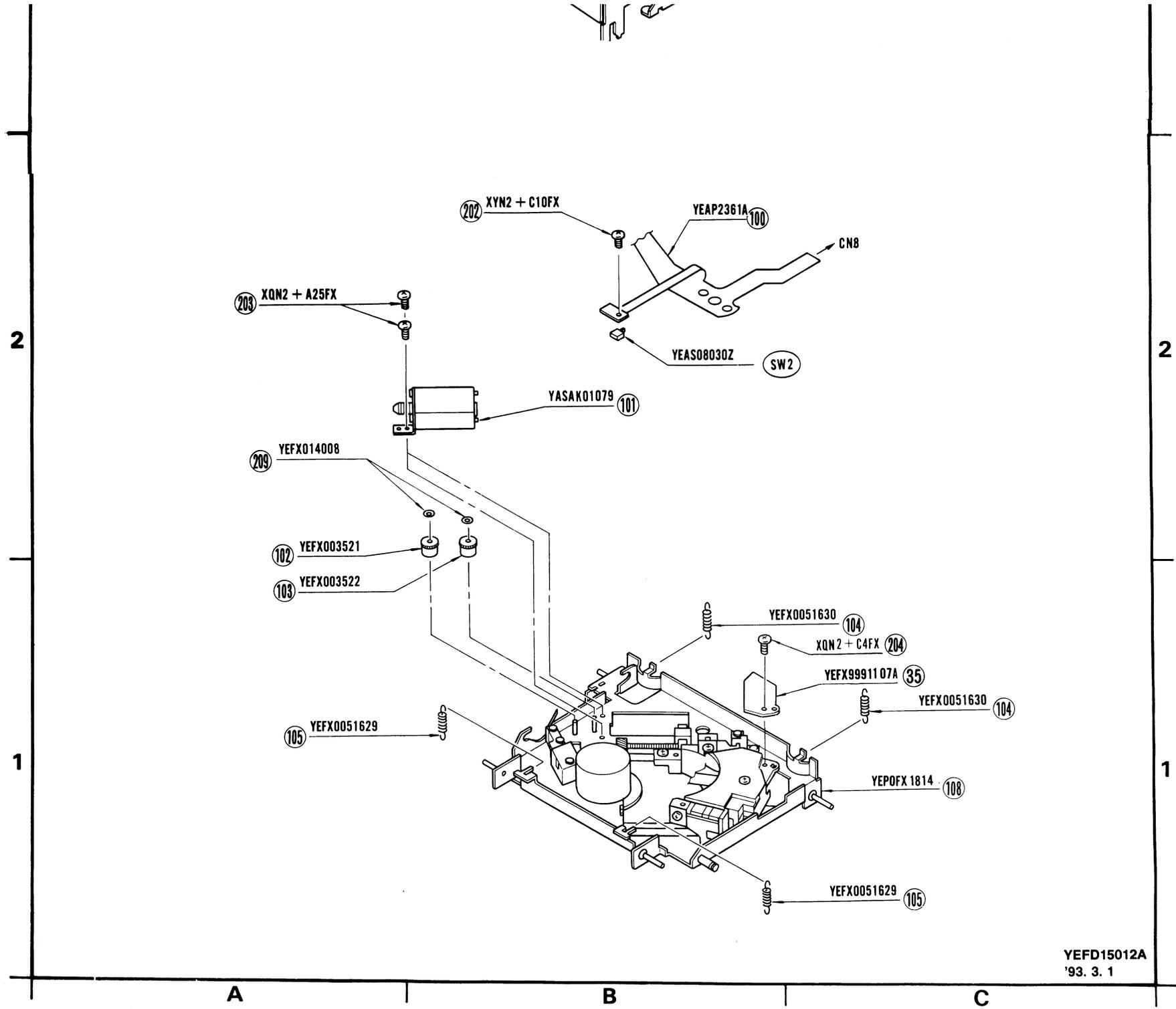


EXPLODED VIEW (CD DECK) / AUFGELOTE DARSTELLUNGS (CD TONBAND GERÄT)

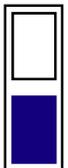
■ Numbers in ○ are indicated REF.No. in the REPLACEMENT PARTS LIST



YJ



Yefd15012A
'93. 3. 1



Ref. No.	Part No.	Part Code	Part Name & Description	Pcs set	Remarks	Ref. No.	Part No.	Part Code	Part Name & Description	Pcs set	Remarks
39	★ XTB3 + 6JFX		Screw	2	CQ-RDP750LEN only	IC702	MN4584BST1		IC	1	CQ-RDP750LEN only
				1	CQ-RDP700LEN only	IC703	YEAMPAS0671		IC	1	CQ-RDP750LEN only
40	⊗ XTB3 + 8FFX		Screw	7		IC705	YEAMLA5009M		IC	1	
41	☆ YEJS05016		Screw	4		IC707	YEAMM51945AL		IC	1	
42	⊙ XSB26 + 4FX		Screw	2		IC708	MN1280Q		IC	1	
43	⊙ XSB26 + 4FZ		Screw	2		IC750	YEAMLA2000S		IC	1	
44	⊙ XTB3 + 6FFX		Screw	4		Q50	YEANC144EKT		Transistor	1	
45 (3-B) (3-C)	YEFJ05030		Rivet	3		Q51	YEANC1623		Transistor	1	
46	YEP0PT6505A0		PCB w/Component (CQ-RDP750LEN only)	1	RTL	Q200, 201	YEANC4081SKT		Transistor	2	
	YEP0PT6505B0		PCB w/Component (CQ-RDP700LEN only)	1		Q202	YEANC4081SKT		Transistor	1	
47	YEP0PT5953A0		PCB w/Component (CQ-RDP750LEN only)	1	RTL	Q205	YEANA114EKT		Transistor	1	
	YEP0PT5953B0		PCB w/Component (CQ-RDP700LEN only)	1		Q300, 301	YEANC4081SKT		Transistor	2	
48 (2-A)	YEFX9991227		Spacer	1	CQ-RDP700LEN only	Q302	YEANC4081SKT		Transistor	1	
ICs AND TRANSISTORS						Q304	YEANA812		Transistor	1	
MAIN BLOCK						Q305	YEANC144EKT		Transistor	1	
[E6505]						Q306	YEANA812		Transistor	1	
PA50	YEP0PTY323A0		FM Pack	1		Q400, 401	YEAN2SK536		Transistor	2	
PA100	YEP0PTY356A0		AM/LW Pack	1		Q500	YEANB1243QRT		Transistor	1	
PA750	YEAMSTK3110M		IC	1		Q501, 502	YEANC144EKT		Transistor	2	
IC200	YEAMEA6320TT		IC	1		Q503	YEANFP1F3PT1		Transistor	1	
IC201	YEAMM5218AFE		IC	1		Q504	YEANC144EKT		Transistor	1	
IC250, 350	YEAMTA8210AH		IC	2		Q700	2SB929PQ		Transistor	1	
IC400	YEAMLC72191M		IC	1		Q701	YEANC1623		Transistor	1	
IC401	YEAMTC4S66FL		IC	1		Q702, 703	YEANB123YST		Transistor	2	
IC500	MN64752E1		IC	1		Q704	YEANC144EKT		Transistor	1	CQ-RDP750LEN only
IC600	YEAM3517ML15		IC	1		Q705	YEAND1762EF		Transistor	1	
IC601, 602	YEAMUPH573T1		IC	2		Q706, 707	YEANB123YST		Transistor	2	
IC603	YEAM78014533		IC	1		Q708, 709	YEAND1762EF		Transistor	2	
IC604	YEAMUPH239E1		IC	1		Q710	2SB1417TA		Transistor	1	CQ-RDP700LEN only
IC700	YEAMPC2410HF		IC	1		Q711	YEAND2144STW		Transistor	1	
IC701	AN78N05		IC	1		Q712	YEANC144EKT		Transistor	1	CQ-RDP750LEN only
						Q713	YEANB123YST		Transistor	1	
						Q714	YEANC114YST		Transistor	1	
						Q715, 716	YEAN2SD1020		Transistor	2	

Ref. No.	Part No.	Part Code	Part Name & Description	Pcs set	Remarks
Q720, 721	YEANC144EKT		Transistor	2	
Q750, 751	YEANC1623		Transistor	2	
Q752, 753	YEANC144EKT		Transistor	2	
				1	
				1	
DISPLAY BLOCK					
[E5953]					
IC651	YEAMPCF8576T		IC	1	
DIODEs					
MAIN BLOCK					
[E6505]					
D101	MA151KTX		Diode	1	
D201	MA151WATX		Diode	1	
D600	MA151WATX		Diode	1	CQ-RDP750LEN only
D601	MA151WKTX		Diode	1	
D603, 604	MA8056LMHTX		Diode	2	
D605, 606	MA8056LMHTX		Diode	2	
D607, 608	MA8056LMHTX		Diode	2	
D610	MA151WKTX		Diode	1	
D611	MA151KTX		Diode	1	
D651	LN01201CQTA		LED	1	
D700	YEADDSM1A2T7		Diode	1	
D701	MA151KTX		Diode	1	
D702	YEADRD82M2T2		Diode	1	
D703	MA151KTX		Diode	1	CQ-RDP750LEN only
D704	YEADRD91EB2T		Diode	1	
D705	YEADDSM1A2T7		Diode	1	
D706	YEADRD56M2T2		Diode	1	
D707	MA700		Diode	1	
D708	MA151KTX		Diode	1	
D709	YEADRD56M3T1		Diode	1	

Ref. No.	Part No.	Part Code	Part Name & Description	Pcs set	Remarks
D710	MA151WKTX		Diode	1	
D712	MA151KTX		Diode	1	
D713	YEADRD68M2T2		Diode	1	
D714	MA165		Diode	1	CQ-RDP750LEN only
D750	YEADRD51M2T2		Diode	1	
D770	YEADDSA3A2C		Diode	1	
DISPLAY BLOCK					
[E5953]					
D611 to 630	YEADVR1101E2		LED	20	CQ-RDP750LEN only
	YEADAY1101W			20	CQ-RDP700LEN only
D652 to 658	MA8056LMHTX		Diode	7	
D659	YEADVR1101E2		LED	1	CQ-RDP750LEN only
	YEADVR1101W			1	CQ-RDP700LEN only
D661 to 680	YEADPG1101E2		LED	20	CQ-RDP750LEN only
	YEADPG1101W			20	CQ-RDP700LEN only
CAPACITORS					
MAIN BLOCK					
[E6505]					
C50	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1	
C51	ECEA1AKS221		Electrolytic AL, 220MFD 10WV	1	
C52	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1	
C53	YECUS1H471JM		Ceramic, 470PF 50WV	1	
C54	YECUS1H101JM		Ceramic, 100PF 50WV	1	
C55, 56	YECUS1E223KX		Ceramic, 0.022MFD 25WV	2	
C57	ECEA1CKS100		Electrolytic AL, 10MFD 16WV	1	
C58	YECUS1E223KX		Ceramic, 0.022MFD 25WV	1	
C59	YECUS1H101JM		Ceramic, 100PF 50WV	1	
C60	YECUS1H100DM		Ceramic, 10PF 50WV	1	
C61	YECUS1H221JM		Ceramic, 220PF 50WV	1	

Ref. No.	Part No.	Part Code	Part Name & Description	Pcs set	Remarks	Ref. No.	Part No.	Part Code	Part Name & Description	Pcs set	Remarks
C62	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1		C224	ECEA1CU222		Electrolytic AL, 2200MFD 16WV	1	
C70	ECEA1EKS3R3		Electrolytic AL, 3.3MFD 25WV	1		C270	YECUS1H272KX		Ceramic, 0.0027MFD 50WV	1	
C71	ECEA1EKS3R3		Electrolytic AL, 3.3MFD 25WV	1		C271	ECEA1CKS100		Electrolytic AL, 10MFD 16WV	1	
C100	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1		C272, 273	YECUS1C124KX		Ceramic, 0.12MFD 16WV	2	
C101	ECEA1AKS221		Electrolytic AL, 220MFD 10WV	1		C274	ECEA1AKS221		Electrolytic AL, 220MFD 10WV	1	
C102	YECUS1C224ZF		Ceramic, 0.22MFD 16WV	1		C275	ECEA1CU222		Electrolytic AL, 2200MFD 16WV	1	
C103	YECUS1C563KX		Ceramic, 0.056MFD 16WV	1		C280	YECUS1H471JM		Ceramic, 470PF 50WV	1	
C104	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1		C290 to 293	YECUS1H471JM		Ceramic, 470PF 50WV	4	
C105	YECUS1H101JM		Ceramic, 100PF 50WV	1		C300	YECUS1H101JM		Ceramic, 100PF 50WV	1	
C106	YECUS1H101JM		Ceramic, 100PF 50WV	1		C301	YECUS1H562KX		Ceramic, 0.0056MFD 50WV	1	
C107	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1		C302	YECUS1E333KX		Ceramic, 0.033MFD 25WV	1	
C108	ECEA1HK010		Electrolytic AL, 1MFD 50WV	1		C303	YECUV1C184KX		Ceramic, 0.18MFD 16WV	1	
C109, 110	YECUS1H103KX		Ceramic, 0.01MFD 50WV	2		C304	YECUS1C224ZF		Ceramic, 0.22MFD 16WV	1	
C200	YECUS1H680JM		Ceramic, 68PF 50WV	1		C305	YECUS1H822KX		Ceramic, 0.0082MFD 50WV	1	
C201	YECUS1H562KX		Ceramic, 0.0056MFD 50WV	1		C306	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1	
C202	YECUS1E333KX		Ceramic, 0.033MFD 25WV	1		C307	ECEA1AKS221		Electrolytic AL, 220MFD 10WV	1	
C203	YECUV1C184KX		Ceramic, 0.18MFD 16WV	1		C308	ECEA1EKS3R3		Electrolytic AL, 3.3MFD 25WV	1	
C204	YECUS1C224ZF		Ceramic, 0.22MFD 16WV	1		C309	ECEA1EKS3R3		Electrolytic AL, 3.3MFD 25WV	1	
C205	YECUS1H822KX		Ceramic, 0.0082MFD 50WV	1		C310	ECEA1EKS3R3		Electrolytic AL, 3.3MFD 25WV	1	
C206	ECEA1AKS101		Electrolytic AL, 100MFD 10WV	1		C311	ECEA1HK010		Electrolytic AL, 1MFD 50WV	1	
C207	ECEA1AK470		Electrolytic AL, 47MFD 10WV	1		C314	YECUS1H101JM		Ceramic, 100PF 50WV	1	
C208	ECEA1EKS3R3		Electrolytic AL, 3.3MFD 25WV	1		C315	ECEA1EKS3R3		Electrolytic AL, 3.3MFD 25WV	1	
C209	ECEA1EKS3R3		Electrolytic AL, 3.3MFD 25WV	1		C316	YECUS1H221JM		Ceramic, 220PF 50WV	1	
C210	ECEA1EKS3R3		Electrolytic AL, 3.3MFD 25WV	1		C317	ECEA1HK010		Electrolytic AL, 1MFD 50WV	1	
C211	ECEA1HK010		Electrolytic AL, 1MFD 50WV	1		C318	ECEA1HK010		Electrolytic AL, 1MFD 50WV	1	
C214	YECUS1H101JM		Ceramic, 100PF 50WV	1		C319	YECUS1H272KX		Ceramic, 0.0027MFD 50WV	1	
C215	ECEA1EKS3R3		Electrolytic AL, 3.3MFD 25WV	1		C320	ECEA1CKS100		Electrolytic AL, 10MFD 16WV	1	
C216	YECUS1H221JM		Ceramic, 220PF 50WV	1		C321, 322	YECUS1C124KX		Ceramic, 0.12MFD 16WV	2	
C217	ECEA1HK010		Electrolytic AL, 1MFD 50WV	1		C323	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1	
C218	ECEA1HK010		Electrolytic AL, 1MFD 50WV	1		C324	ECEA1CKS100		Electrolytic AL, 10MFD 16WV	1	
C219	YECUS1H272KX		Ceramic, 0.0027MFD 50WV	1		C325	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1	
C220	ECEA1CKS100		Electrolytic AL, 10MFD 16WV	1		C328	ECEA1AKS101		Electrolytic AL, 100MFD 10WV	1	
C221, 222	YECUS1C124KX		Ceramic, 0.12MFD 16WV	2		C370	YECUS1H272KX		Ceramic, 0.0027MFD 50WV	1	
C223	ECEA1AKS221		Electrolytic AL, 220MFD 10WV	1		C371	ECEA1CKS100		Electrolytic AL, 10MFD 16WV	1	

MODELS CQ-RDP750LEN/CQ-RDP700LEN

Ref. No.	Part No.	Part Code	Part Name & Description	Pcs set	Remarks	Ref. No.	Part No.	Part Code	Part Name & Description	Pcs set	Remarks
C372, 373	YECUS1C124KX		Ceramic, 0.12MFD 16WV	2		C520	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1	
C380	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1		C600	ECEA1CKS100		Electrolytic AL, 10MFD 16WV	1	
C390 to 393	YECUS1H471JM		Ceramic, 470PF 50WV	4		C601	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1	
C400	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1		C602	ECEA1AKS221		Electrolytic AL, 220MFD 10WV	1	
C401	ECEA0JU331		Electrolytic AL, 330MFD 6.3WV	1		C603, 604	YECUS1H103KX		Ceramic, 0.01MFD 50WV	2	
C402, 403	YECUS1H150JM		Ceramic, 15PF 50WV	2		C605	ECEA0JKS101		Electrolytic AL, 100MFD 6.3WV	1	
C404	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1		C606	YEECFYH473ZM		Capacitor, 0.047FD 4WV	1	
C405	ECQB1H103JF3		Polyester, 0.01MFD 50WV	1		C607, 608	YECUS1H150JM		Ceramic, 15PF 50WV	2	
C406	ECSF1VE474B		Tantalum, 0.47MFD 35WV	1		C609	ECEA1CK100		Electrolytic AL, 10MFD 16WV	1	
C407	YECUS1H102KX		Ceramic, 0.001MFD 50WV	1		C610	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1	
C408	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1		C611	ECEA1CK100		Electrolytic AL, 10MFD 16WV	1	
C409	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1		C612	ECEA1CKS100		Electrolytic AL, 10MFD 16WV	1	
C410	ECEA1VK4R7		Electrolytic AL, 4.7MFD 35WV	1		C613, 614	YECUS1H103KX		Ceramic, 0.01MFD 50WV	2	
C411	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1		C615	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1	
C420	YECUS1H050CM		Ceramic, 5PF 50WV	1		C616	ECEA1CKS100		Electrolytic AL, 10MFD 16WV	1	
C421	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1		C617, 618	YECUS1H103KX		Ceramic, 0.01MFD 50WV	2	
C430	YECUV2A103KX		Ceramic, 0.01MFD 100WV	1		C620	ECEA1CKS100		Electrolytic AL, 10MFD 16WV	1	
C500	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1		C621	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1	
C501	YECUS1H101JM		Ceramic, 100PF 50WV	1		C622	YECUS1C224ZF		Ceramic, 0.22MFD 16WV	1	
C502	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1		C623, 624	YECUS1H103KX		Ceramic, 0.01MFD 50WV	2	
C503	ECEA0JKS331Q		Electrolytic AL, 330MFD 6.3WV	1		C630	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1	
C504	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1		C640	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1	
C505, 506	YECUS1H050CM		Ceramic, 5PF 50WV	2		C700	ECEA1AK470		Electrolytic AL, 47MFD 10WV	1	
C507	ECEA1AKS221		Electrolytic AL, 220MFD 10WV	1		C701	ECEA0JKS101		Electrolytic AL, 100MFD 6.3WV	1	
C508	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1		C702	ECEA1HKS010		Electrolytic AL, 1MFD 50WV	1	
C509	YECUS1H561KX		Ceramic, 560PF 50WV	1		C703	ECA1CUG222YB		Electrolytic AL, 2200MFD 16WV	1	
C510	YECUS1H152KX		Ceramic, 0.0015MFD 50WV	1		C704	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1	CQ-RDP750LEN only
C511	ECEA1CKS100		Electrolytic AL, 10MFD 16WV	1		C705	ECEA1CKS100		Electrolytic AL, 10MFD 16WV	1	CQ-RDP750LEN only
C512	YECUS1H561KX		Ceramic, 560PF 50WV	1		C706	ECEA1CKS100		Electrolytic AL, 10MFD 16WV	1	
C513	YECUS1H152KX		Ceramic, 0.0015MFD 50WV	1		C707	ECEA1AKS221		Electrolytic AL, 220MFD 10WV	1	
C514	ECEA1CKS100		Electrolytic AL, 10MFD 16WV	1		C708	ECEA1AU471		Electrolytic AL, 470MFD 10WV	1	
C515, 516	ECEA0JKS220		Electrolytic AL, 22MFD 6.3WV	2		C709	ECEA1CU331		Electrolytic AL, 330MFD 16WV	1	
C517	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1		C710	ECEA1AKS221		Electrolytic AL, 220MFD 10WV	1	
C519	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1		C712	ECEA1AK470		Electrolytic AL, 47MFD 10WV	1	

Ref. No.	Part No.	Part Code	Part Name & Description	Pcs set	Remarks	Ref. No.	Part No.	Part Code	Part Name & Description	Pcs set	Remarks
C713	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1		RESISTORS					
C714	ECEA1HKSR47		Electrolytic AL, 0.47MFD 50WV	1		MAIN BLOCK					
C715	ECEA1CKS100		Electrolytic AL, 10MFD 16WV	1		[E6505]					
C716	ECEA1AKS221		Electrolytic AL, 220MFD 10WV	1		R3	ERJ6GEYJ184		Metal Coat, 180K ohms 0.1W	1	
C717	ECEA1CK100		Electrolytic AL, 10MFD 16WV	1		R50	ERJ6GEYJ274		Metal Coat, 270K ohms 0.1W	1	
C718	ECEA1HK010		Electrolytic AL, 1MFD 50WV	1		R51	ERJ6GEYJ221		Metal Coat, 220 ohms 0.1W	1	
C719, 720	YECUS1H103KX		Ceramic, 0.01MFD 50WV	2		R52, 53	ERJ6GEYJ273		Metal Coat, 27K ohms 0.1W	2	
C721	ECEA1AU102		Electrolytic AL, 1000MFD 10WV	1		R54	ERJ6GEYJ393		Metal Coat, 39K ohms 0.1W	1	
C730, 731	YECUS1H103KX		Ceramic, 0.01MFD 50WV	2	CQ-RDP750LEN only	R55	ERJ6GEYJ823		Metal Coat, 82K ohms 0.1W	1	
C732	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1	CQ-RDP750LEN only	R56	ERJ6GEYJ273		Metal Coat, 27K ohms 0.1W	1	
C733	ECEA1CK100		Electrolytic AL, 10MFD 16WV	1		R57	ERJ6GEYJ473		Metal Coat, 47K ohms 0.1W	1	
C750	YECUS1E473KX		Ceramic, 0.047MFD 25WV	1		R58	ERJ6GEYJ393		Metal Coat, 39K ohms 0.1W	1	
C751	YECUS1C104KX		Ceramic, 0.1MFD 16WV	1		R59	ERJ6GEYJ562		Metal Coat, 5.6K ohms 0.1W	1	
C752	YECUS1E273KX		Ceramic, 0.027MFD 25WV	1		R60	ERJ6GEYJ103		Metal Coat, 10K ohms 0.1W	1	
C753	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1		R61, 62	ERJ6GEYJ102		Metal Coat, 1K ohms 0.1W	2	
C754	ECEA1HKSR47		Electrolytic AL, 0.47MFD 50WV	1		R66	ERJ6GEYJ563		Metal Coat, 56K ohms 0.1W	1	
C755	ECEA1AK470		Electrolytic AL, 47MFD 10WV	1		R67	ERJ6GEYJ153		Metal Coat, 15K ohms 0.1W	1	
C756	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1		R69	ERJ6GEYJ222		Metal Coat, 2.2K ohms 0.1W	1	
C757	ECEA1AKS470		Electrolytic AL, 47MFD 10WV	1		R70	ERJ6GEYJ104		Metal Coat, 100K ohms 0.1W	1	
C758	YECUS1H331JM		Ceramic, 330PF 50WV	1		R100	ERJ6GEYJ334		Metal Coat, 330K ohms 0.1W	1	
C759	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1		R103	ERJ6GEYJ392		Metal Coat, 3.9K ohms 0.1W	1	
C760	YECUS1E273KX		Ceramic, 0.027MFD 25WV	1		R104	ERJ6GEYJ562		Metal Coat, 5.6K ohms 0.1W	1	
C800	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1		R110	ERJ6GEYJ473		Metal Coat, 47K ohms 0.1W	1	
C801, 802	YECUS1C224ZF		Ceramic, 0.22MFD 16WV	2		R200	ERJ6GEYJ153		Metal Coat, 15K ohms 0.1W	1	CQ-RDP750LEN only
C803, 804	YECUS1H103KX		Ceramic, 0.01MFD 50WV	2		R201	ERJ6GEYJ562		Metal Coat, 5.6K ohms 0.1W	1	CQ-RDP750LEN only
CS706	YECCL55S222T		Shield through Capacitor	1			ERJ6GEYJ223		Metal Coat, 22K ohms 0.1W	1	CQ-RDP700LEN only
CS709	YECCL55S222T		Shield through Capacitor	1		R204	ERJ6GEYJ333		Metal Coat, 33K ohms 0.1W	1	
						R205	ERJ6GEYJ222		Metal Coat, 2.2K ohms 0.1W	1	
						R206	ERJ6GEYJ183		Metal Coat, 18K ohms 0.1W	1	
						R207, 208	ERJ6GEYJ182		Metal Coat, 1.8K ohms 0.1W	2	
						R209	ERJ6GEYJ222		Metal Coat, 2.2K ohms 0.1W	1	
						R210	ERJ6GEYJ222		Metal Coat, 2.2K ohms 0.1W	1	
						R211, 212	ERJ6GEYJ103		Metal Coat, 10K ohms 0.1W	2	
DISPLAY BLOCK											
[E5953]											
C620, 621	YECUS1H103KX		Ceramic, 0.01MFD 50WV	2							
C622, 623	YECUS1H103KX		Ceramic, 0.01MFD 50WV	2							
C624	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1							

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CO-RDP700LEN
CO-RDP750LEN

Ref. No.	Part No.	Part Code	Part Name & Description	Pcs set	Remarks	Ref. No.	Part No.	Part Code	Part Name & Description	Pcs set	Remarks
R219	ERJ6GEYJ103		Metal Coat, 10K ohms 0.1W	1		R344	ERJ6GEYJ123		Metal Coat, 12K ohms 0.1W	1	
R220	ERJ6GEYJ104		Metal Coat, 100K ohms 0.1W	1		R345	ERJ6GEYJ103		Metal Coat, 10K ohms 0.1W	1	
R221	ERJ6GEYJ822		Metal Coat, 8.2K ohms 0.1W	1		R350	ERJ6GEYJ561		Metal Coat, 560 ohms 0.1W	1	
R222	ERJ6GEYJ103		Metal Coat, 10K ohms 0.1W	1		R351, 352	ERJ8GEYJ2R2V		Metal Coat, 2.2 ohms 0.13W	2	
R223	ERJ6GEYJ561		Metal Coat, 560 ohms 0.1W	1		R370	ERJ6GEYJ561		Metal Coat, 560 ohms 0.1W	1	
R225	ERJ6GEYJ103		Metal Coat, 10K ohms 0.1W	1		R371, 372	ERJ8GEYJ2R2V		Metal Coat, 2.2 ohms 0.13W	2	
R227	ERJ6GEYJ682		Metal Coat, 6.8K ohms 0.1W	1		R380	ERJ6GEYJ103		Metal Coat, 10K ohms 0.1W	1	
R239	ERJ6GEYJ152		Metal Coat, 1.5K ohms 0.1W	1		R381	ERJ6GEYJ103		Metal Coat, 10K ohms 0.1W	1	
R241	ERJ6GEYJ103		Metal Coat, 10K ohms 0.1W	1		R400	ERJ6GEYJ561		Metal Coat, 560 ohms 0.1W	1	
R250	ERJ6GEYJ561		Metal Coat, 560 ohms 0.1W	1		R401, 402	ERJ6GEYJ103		Metal Coat, 10K ohms 0.1W	2	
R251, 252	ERJ8GEYJ2R2V		Metal Coat, 2.2 ohms 0.13W	2		R403	ERJ6GEYJ471		Metal Coat, 470 ohms 0.1W	1	
R270	ERJ6GEYJ561		Metal Coat, 560 ohms 0.1W	1		R404	ERJ6GEYJ104		Metal Coat, 100K ohms 0.1W	1	
R271	ERJ8GEYJ2R2V		Metal Coat, 2.2 ohms 0.13W	1		R405	ERJ6GEYJ561		Metal Coat, 560 ohms 0.1W	1	
R272	ERJ8GEYJ2R2V		Metal Coat, 2.2 ohms 0.13W	1		R406	ERJ6GEYJ103		Metal Coat, 10K ohms 0.1W	1	
R300	ERJ6GEYJ153		Metal Coat, 15K ohms 0.1W	1	CQ-RDP750LEN only	R407	ERJ6GEYJ222		Metal Coat, 2.2K ohms 0.1W	1	
R301	ERJ6GEYJ223		Metal Coat, 22K ohms 0.1W	1	CQ-RDP700LEN only	R408	ERJ6GEYJ152		Metal Coat, 1.5K ohms 0.1W	1	
	ERJ6GEYJ562		Metal Coat, 5.6K ohms 0.1W	1	CQ-RDP750LEN only	R409	ERJ6GEYJ152		Metal Coat, 1.5K ohms 0.1W	1	
R304	ERJ6GEYJ102		Metal Coat, 1K ohms 0.1W	1		R410	ERJ6GEYJ472		Metal Coat, 4.7K ohms 0.1W	1	
R305	ERJ6GEYJ222		Metal Coat, 2.2K ohms 0.1W	1		R411	ERJ6GEYJ152		Metal Coat, 1.5K ohms 0.1W	1	
R306	ERJ6GEYJ183		Metal Coat, 18K ohms 0.1W	1		R420	ERJ6GEYJ103		Metal Coat, 10K ohms 0.1W	1	
R307, 308	ERJ6GEYJ182		Metal Coat, 1.8K ohms 0.1W	2		R500, 501	ERJ6GEYJ470		Metal Coat, 47 ohms 0.1W	2	
R309	ERJ6GEYJ222		Metal Coat, 2.2K ohms 0.1W	1		R502, 503	ERJ6GEYJ470		Metal Coat, 47 ohms 0.1W	2	
R310	ERJ6GEYJ222		Metal Coat, 2.2K ohms 0.1W	1		R504, 505	ERJ6GEYJ473		Metal Coat, 47K ohms 0.1W	2	
R311	ERJ6GEYJ103		Metal Coat, 10K ohms 0.1W	1		R506	ERJ6GEYJ473		Metal Coat, 47K ohms 0.1W	1	
R312	ERJ6GEYJ103		Metal Coat, 10K ohms 0.1W	1		R507	ERJ12YJ391H		Carbon, 390 ohms 0.5W	1	
R319	ERJ6GEYJ103		Metal Coat, 10K ohms 0.1W	1		R508	ERJ6GEYJ104		Metal Coat, 100K ohms 0.1W	1	
R320	ERJ6GEYJ104		Metal Coat, 100K ohms 0.1W	1		R509	ERJ6GEYJ473		Metal Coat, 47K ohms 0.1W	1	
R321	ERJ6GEYJ822		Metal Coat, 8.2K ohms 0.1W	1		R510	ERJ6GEYJ100		Metal Coat, 10 ohms 0.1W	1	
R322	ERJ6GEYJ103		Metal Coat, 10K ohms 0.1W	1		R511	ERJ6GEYJ470		Metal Coat, 47 ohms 0.1W	1	
R323	ERJ6GEYJ561		Metal Coat, 560 ohms 0.1W	1		R512	ERJ6GEYJ222		Metal Coat, 2.2K ohms 0.1W	1	
R325	ERJ6GEYJ103		Metal Coat, 10K ohms 0.1W	1		R513	ERJ6GEYJ222		Metal Coat, 2.2K ohms 0.1W	1	
R327	ERJ6GEYJ682		Metal Coat, 6.8K ohms 0.1W	1		R514	ERJ6GEYJ392		Metal Coat, 3.9K ohms 0.1W	1	
R329	ERJ6GEYJ473		Metal Coat, 47K ohms 0.1W	1		R515, 516	ERJ6GEYJ222		Metal Coat, 2.2K ohms 0.1W	2	
R338	ERJ6GEYJ821		Metal Coat, 820 ohms 0.1W	1		R517	ERJ6GEYJ392		Metal Coat, 3.9K ohms 0.1W	1	

MODELS CQ-RDP750LEN/CQ-RDP700LEN

Ref. No.	Part No.	Part Code	Part Name & Description	Pcs set	Remarks
R518	ERJ6GEYJ472		Metal Coat, 4.7K ohms 0.1W	1	
R520	ERJ6GEYJ103		Metal Coat, 10K ohms 0.1W	1	
R600, 601	ERJ6GEYJ104		Metal Coat, 100K ohms 0.1W	2	
R602	ERJ6GEYJ104		Metal Coat, 100K ohms 0.1W	1	CQ-RDP750LEN only
R604 to 606	ERJ6GEYJ104		Metal Coat, 100K ohms 0.1W	3	
R607	ERJ6GEYJ473		Metal Coat, 47K ohms 0.1W	1	
R608, 609	ERJ6GEYJ473		Metal Coat, 47K ohms 0.1W	2	CQ-RDP700LEN only
R610	ERJ6GEYJ473		Metal Coat, 47K ohms 0.1W	1	
R611, 612	ERJ6GEYJ103		Metal Coat, 10K ohms 0.1W	2	
R613, 614	ERJ6GEYJ104		Metal Coat, 100K ohms 0.1W	2	
R615	ERJ6GEYJ104		Metal Coat, 100K ohms 0.1W	1	
R616	ERJ6GEYJ681		Metal Coat, 680 ohms 0.1W	1	
R617	ERJ6GEYJ101		Metal Coat, 100 ohms 0.1W	1	
R618	ERJ6GEYJ102		Metal Coat, 1K ohms 0.1W	1	
R619	ERJ6GEYJ102		Metal Coat, 1K ohms 0.1W	1	
R620, 621	ERJ6GEYJ102		Metal Coat, 1K ohms 0.1W	2	
R622	ERJ6GEYJ102		Metal Coat, 1K ohms 0.1W	1	
R630	ERJ6GEYJ473		Metal Coat, 47K ohms 0.1W	1	
R640, 641	ERJ6GEYJ102		Metal Coat, 1K ohms 0.1W	2	
R642, 643	ERJ6GEYJ102		Metal Coat, 1K ohms 0.1W	2	
R644, 645	ERJ6GEYJ102		Metal Coat, 1K ohms 0.1W	2	
R646, 647	ERJ6GEYJ102		Metal Coat, 1K ohms 0.1W	2	
R648, 649	ERJ6GEYJ102		Metal Coat, 1K ohms 0.1W	2	
R650, 651	ERJ6GEYJ102		Metal Coat, 1K ohms 0.1W	2	
R652, 653	ERJ6GEYJ102		Metal Coat, 1K ohms 0.1W	2	
R654, 655	ERJ6GEYJ102		Metal Coat, 1K ohms 0.1W	2	
R656	ERJ6GEYJ102		Metal Coat, 1K ohms 0.1W	1	
R657	ERJ6GEYJ101		Metal Coat, 100 ohms 0.1W	1	
R658, 659	ERJ6GEYJ102		Metal Coat, 1K ohms 0.1W	2	
R660, 661	ERJ6GEYJ102		Metal Coat, 1K ohms 0.1W	2	CQ-RDP750LEN only
R662	ERJ6GEYJ102		Metal Coat, 1K ohms 0.1W	1	CQ-RDP750LEN only
R663, 664	ERJ6GEYJ101		Metal Coat, 100 ohms 0.1W	2	
R665, 666	ERJ6GEYJ101		Metal Coat, 100 ohms 0.1W	2	
R667, 668	ERJ6GEYJ101		Metal Coat, 100 ohms 0.1W	2	

Ref. No.	Part No.	Part Code	Part Name & Description	Pcs set	Remarks
R669, 670	ERJ6GEYJ101		Metal Coat, 100 ohms 0.1W	2	
R671	ERJ6GEYJ102		Metal Coat, 1K ohms 0.1W	1	
R672	ERJ6GEYJ102		Metal Coat, 1K ohms 0.1W	1	CQ-RDP750LEN only
R673	ERJ6GEYJ102		Metal Coat, 1K ohms 0.1W	1	
R679, 680	ERJ6GEYJ102		Metal Coat, 1K ohms 0.1W	2	
R681	ERJ6GEYJ102		Metal Coat, 1K ohms 0.1W	1	
R685 to 689	ERJ6GEYJ104		Metal Coat, 100K ohms 0.1W	5	CQ-RDP700LEN only
R700	ERJ6GEYJ103		Metal Coat, 10K ohms 0.1W	1	
R701, 702	ERJ6GEYJ473		Metal Coat, 47k ohms 0.1W	2	
R703, 704	ERJ12YJ681H		Carbon, 680 ohms 0.5W	2	
R705, 706	ERJ6GEYJ104		Metal Coat, 100K ohms 0.1W	2	CQ-RDP750LEN only
R707, 708	ERJ6GEYJ104		Metal Coat, 100K ohms 0.1W	2	CQ-RDP750LEN only
R709, 710	ERJ6GEYJ102		Metal Coat, 1K ohms 0.1W	2	CQ-RDP750LEN only
R711, 712	ERJ6GEYJ102		Metal Coat, 1K ohms 0.1W	2	CQ-RDP750LEN only
R714	ERJ6GEYJ102		Metal Coat, 1K ohms 0.1W	1	CQ-RDP750LEN only
R716	ERJ12YJ1R0H		Carbon, 1 ohm 0.5W	1	
R717, 718	ERJ12YJ2R2H		Carbon, 2.2 ohms 0.5W	2	
R719	ERJ14YJ102H		Carbon, 1K ohms 0.25W	1	
R721	ERJ14YJ1R0H		Carbon, 1 ohm 0.25W	1	
R722	ERJ8GEYJ271V		Metal Coat, 270 ohms 0.13W	1	
R723	ERJ14YJ470H		Carbon, 47 ohms 0.25W	1	
R724	ERJ8GEYJ472V		Metal Coat, 4.7K ohms 0.13W	1	
R725	ERJ6GEYJ473		Metal Coat, 47K ohms 0.1W	1	
R726	ERJ6GEYJ103		Metal Coat, 10K ohms 0.1W	1	
R727	ERJ6GEYJ473		Metal Coat, 47K ohms 0.1W	1	CQ-RDP700LEN only
R728	ERG1ANJ391		Carbon, 390 ohms 1W	1	CQ-RDP700LEN only
R729	ERJ6GEYJ104		Metal Coat, 100K ohms 0.1W	1	CQ-RDP750LEN only
R730	ERJ6GEYJ102		Metal Coat, 1K ohms 0.1W	1	CQ-RDP750LEN only
R732	ERJ6GEYJ472		Metal Coat, 4.7K ohms 0.1W	1	
R733	ERJ6GEYJ824		Metal Coat, 820K ohms 0.1W	1	
R734	ERJ6GEYJ334		Metal Coat, 330K ohms 0.1W	1	
R735	ERJ6GEYJ682		Metal Coat, 6.8K ohms 0.1W	1	
R736	ERJ6GEYJ563		Metal Coat, 56K ohms 0.1W	1	
R737, 738	ERJ14YJ470H		Carbon, 47 ohms 0.25W	2	

Ref. No.	Part No.	Part Code	Part Name & Description	Pcs set	Remarks
LCD					
LCD1	YEXDCM1081		LCD	1	
SWITCHs					
RY700	YEAS15017		Relay	1	CQ-RDP750LEN only
SW600	YEAS09238A			1	
SW601 to 620	YEAS09253		Preset Switch	20	
POSISTOR					
PT701	YERT6AR4R7MT		Posistor (4.7 ohms)	1	
SUPPLIED HARDWAREs					
1	YEFX0213496A		Mounting Collar	1	
2	XWG5FX		Plain Washer (5mm ϕ)	2	
3	XWA5BFX		Spring Washer (5mm ϕ)	2	
4	XNG5AFX		Hex. Nut (5mm ϕ)	2	
5	YFEG04019		Rear Support Stsrap	1	
6	XVG5C25FX		Hex. Bolt (5mm ϕ × 25mm)	1	
7	XWC5CFX		Toothd Lock Washer (5mm ϕ)	1	
8	YEJV01060		Mounting Bolt (M5)	1	
9	YEAJ02662		Power Connector	1	CQ-RDP750LEN only
	YEAJ02655			1	CQ-RDP700LEN only
10	YEFX0213377		Dismounting Pin	1	
11	YEFA131023A		Removable Fase Plate Case	1	
PRINTING					
	YEFM282099		Operating Instruction	1	

Ref. No.	Part No.	Part Code	Part Name & Description	Pcs set	Remarks
CD PLAYER PARTS					FD15012A 93.3.1
ELECTRICITY PART					
[E5843A]					
CN601	YEA5220712		12P Connector	1	
CN602	YEA5227106		6P Connector	1	
CN603	YEA5220704		4P Connector	1	
CN802	YEA5227105		5P Connector	1	
CN803	YEA5326102		2P Connector	1	
CNP1	YEA0124TKCE		24P Connector	1	
CNP8	YEA5220705		5P Connector	1	
1	YEP0BR5843AA		PCB w/Component	1	RTL
2	YEP0BR5708AA		PCB w/Component	1	RTL
ICs AND TRANSISTORs					
IC101	YEAMC2570G		IC	1	
IC451	YEAMD6375G		IC	1	
IC480	YEAMTLL05PSM		IC	1	
IC602	YEAM75112832		IC	1	
IC603	YEAMBA6219BF		IC	1	
IC805	YEAMD6374A01		IC	1	
IC903, 904	YEAMD16808G		IC	2	
IC905	MN4071BST1		IC	1	
IC906	YEAMPC4574T1		IC	1	
IC907	YEAMTA8406F		IC	1	
IC908	YEAMTA8406F		IC	1	
Q101	2SB766ATX		Transistor	1	
Q480	2SB956TX		Transistor	1	

MODELS CQ-RDP750LEN/CQ-RDP700LEN

Ref. No.	Part No.	Part Code	Part Name & Description	Pcs set	Remarks
DIODES					
D610	MA151WK		Diode	1	
D620	MA151WK		Diode	1	
D630	MA151WK		Diode	1	
CAPACITORS					
C105	YECUS1E104ZF		Ceramic, 0.1MFD 25WV	1	
C107	YECUS1H221JM		Ceramic, 220PF 50WV	1	
C108	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1	
C109	YECUS1H221JM		Ceramic, 220PF 50WV	1	
C110	YECV0JT476R		Tantalum, 47MFD 6WV	1	
C111, 112	YECUV1C224KX		Ceramic, 0.22MFD 16WV	2	
C113, 114	YECUV1C224KX		Ceramic, 0.22MFD 16WV	2	
C115	YECUS1E273KX		Ceramic, 0.027MFD 25WV	1	
C116	YECUS1C224ZF		Ceramic, 0.22MFD 16WV	1	
C117	YECUS1E104ZF		Ceramic, 0.1MFD 25WV	1	
C118	ECEV1CV470SP		Electrolytic AL, 47MFD 16WV	1	
C119	YECUS1H181JM		Ceramic, 180PF 50WV	1	
C120	YECUS1H102KX		Ceramic, 0.001MFD 50WV	1	
C121	YECUS1H561JM		Ceramic, 560PF 50WV	1	
C122	YECUS1H102KX		Ceramic, 0.001MFD 50WV	1	
C123	YECUS1H680JM		Ceramic, 68PF 50WV	1	
C124	YECUS1H102KX		Ceramic, 0.001MFD 50WV	1	
C128	YECUS1E104ZF		Ceramic, 0.1MFD 25WV	1	
C150	YECUS1H102KX		Ceramic, 0.001MFD 50WV	1	
C152	YECUS1H102KX		Ceramic, 0.001MFD 50WV	1	
C154	YECUS1H102KX		Ceramic, 0.001MFD 50WV	1	
C451	ECEV1CV470SP		Electrolytic AL, 47MFD 16WV	1	
C452	YECUS1E104ZF		Ceramic, 0.1MFD 25WV	1	
C480, 481	YECUS1C224ZF		Ceramic, 0.22MFD 16WV	2	
C601, 602	YECUS1E104ZF		Ceramic, 0.1MFD 25WV	2	

Ref. No.	Part No.	Part Code	Part Name & Description	Pcs set	Remarks
C603, 604	YECUS1H330JM		Ceramic, 33PF 50WV	2	
C605	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1	
C671	ECEV1CV470SP		Electrolytic AL, 47MFD 16WV	1	
C815	YECUS1E104ZF		Ceramic, 0.1MFD 25WV	1	
C819	YECUS1H221JC		Ceramic, 220PF 50WV	1	
C820	ECGC0KA8R2RT		Electrolytic AL, 8.2MFD 8WV	1	
C821	ECEV1CV470SP		Electrolytic AL, 47MFD 16WV	1	
C822	YECUS1E104ZF		Ceramic, 0.1MFD 25WV	1	
C823, 824	YECUS1C104KX		Ceramic, 0.1MFD 16WV	2	
C825	YECUS1H102KX		Ceramic, 0.001MFD 50WV	1	
C826	YECUS1E104ZF		Ceramic, 0.1MFD 25WV	1	
C882	YECUS1E104ZF		Ceramic, 0.1MFD 25WV	1	
C910	ECEV1CV470SP		Electrolytic AL, 47MFD 16WV	1	
C911, 912	YECUS1H103KX		Ceramic, 0.01MFD 50WV	2	
C913	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1	
C914	ECEV1CV470SP		Electrolytic AL, 47MFD 16WV	1	
C915, 917	YECUS1E104ZF		Ceramic, 0.1MFD 25WV	2	
C920	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1	
C931, 932	YECUS1H103KX		Ceramic, 0.01MFD 50WV	2	
C933	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1	
C934	ECEV1CV470SP		Electrolytic AL, 47MFD 16WV	1	
C935	YECUS1E104ZF		Ceramic, 0.1MFD 25WV	1	
C937	YECUS1E104ZF		Ceramic, 0.1MFD 25WV	1	
C941	ECEV1CV100SR		Electrolytic AL, 10MFD 16WV	1	
C942, 943	YECUS1H390JM		Ceramic, 39PF 50WV	2	
C944	YECUS1H271JM		Ceramic, 270PF 50WV	1	
C945	YECUS1H680JM		Ceramic, 68PF 50WV	1	
C948	YECUS1H100CC		Ceramic, 100PF 50WV	1	
C949	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1	
C950	ECEV1CV470SP		Electrolytic AL, 47MFD 16WV	1	
C951	YECUS1H220JM		Ceramic, 22PF 50WV	1	
C952	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1	
C953	ECEV1CV470SP		Electrolytic AL, 47MFD 16WV	1	
C954, 955	YECUS1H390JM		Ceramic, 39PF 50WV	2	

Ref. No.	Part No.	Part Code	Part Name & Description	Pcs set	Remarks	Ref. No.	Part No.	Part Code	Part Name & Description	Pcs set	Remarks
C960	ECEV1CV100SR		Electrolytic AL, 10MFD 16WV	1		R623	ERJ3GEYJ104V		Metal Coat, 100K ohms 0.63W	1	
C997	YECUS1H102KX		Ceramic, 0.001MFD 50WV	1		R627	ERJ3GEYJ472V		Metal Coat, 4.7K ohms 0.63W	1	
C998, 999	YECUS1H102KX		Ceramic, 0.001MFD 50WV	2		R628	ERJ3GEYJ104V		Metal Coat, 100K ohms 0.63W	1	
						R629, 630	ERJ3GEYJ472V		Metal Coat, 4.7K ohms 0.63W	2	
						R631, 632	ERJ3GEYJ472V		Metal Coat, 4.7K ohms 0.63W	2	
						R636	ERJ3GEYJ223V		Metal Coat, 22K ohms 0.63W	1	
						R637	ERJ3GEYJ103V		Metal Coat, 10K ohms 0.63W	1	
RESISTORS						R638	ERJ3GEYJ223V		Metal Coat, 22K ohms 0.63W	1	
R108	ERJ3GEYJ562V		Metal Coat, 5.6K ohms 0.63W	1		R641	ERJ3GEYJ563V		Metal Coat, 56K ohms 0.63W	1	
R109	ERJ3GEYJ182V		Metal Coat, 1.8K ohms 0.63W	1		R644	ERJ3GEYJ103V		Metal Coat, 10K ohms 0.63W	1	
R111	ERJ14YJ100H		Carbon, 10 ohms 0.25W	1		R646	ERJ3GEYJ473V		Metal Coat, 47K ohms 0.63W	1	
R114	ERJ3GEYJ103V		Metal Coat, 10K ohms 0.63W	1		R667	ERJ3GEYJ563V		Metal Coat, 56K ohms 0.63W	1	
R115	ERJ3GEYJ562V		Metal Coat, 5.6K ohms 0.63W	1		R825	ERJ3GEYJ332V		Metal Coat, 3.3K ohms 0.63W	1	
R116	ERJ3GEYJ223V		Metal Coat, 22K ohms 0.63W	1		R826	ERJ3GEYJ473V		Metal Coat, 47K ohms 0.63W	1	
R117	ERJ3GEYJ222V		Metal Coat, 2.2K ohms 0.63W	1		R853, 854	ERJ3GEYJ153V		Metal Coat, 15K ohms 0.63W	2	
R119	ERJ3GEYJ823V		Metal Coat, 82K ohms 0.63W	1		R901, 902	ERJ3GEYJ103V		Metal Coat, 10K ohms 0.63W	2	
R120	ERJ3GEYJ684V		Metal Coat, 680K ohms 0.63W	1		R903	ERJ3GEYJ184V		Metal Coat, 180K ohms 0.63W	1	
R124	ERJ6GEYJ123V		Metal Coat, 12K ohms 0.63W	1		R904	ERJ3GEYJ104V		Metal Coat, 100K ohms 0.63W	1	
R128, 129	ERJ3GEYJ123V		Metal Coat, 12K ohms 0.63W	2		R905	ERJ3GEYJ184V		Metal Coat, 180K ohms 0.63W	1	
R132	ERJ3GEYJ472V		Metal Coat, 4.7K ohms 0.63W	1		R906	ERJ3GEYJ104V		Metal Coat, 100K ohms 0.63W	1	
R134	ERJ3GEYJ684V		Metal Coat, 680K ohms 0.63W	1		R907	ERJ3GEYJ184V		Metal Coat, 180K ohms 0.63W	1	
R135, 136	ERJ3GEYJ123V		Metal Coat, 12K ohms 0.63W	2		R908	ERJ3GEYJ104V		Metal Coat, 100K ohms 0.63W	1	
R138	ERJ3GEYJ122V		Metal Coat, 1.2K ohms 0.63W	1		R909	ERJ3GEYJ184V		Metal Coat, 180K ohms 0.63W	1	
R139	ERJ3GEYJ223V		Metal Coat, 22K ohms 0.63W	1		R910	ERJ3GEYJ104V		Metal Coat, 100K ohms 0.63W	1	
R140	ERJ3GEYJ391V		Metal Coat, 390 ohms 0.63W	1		R911, 912	ERJ3GEYJ473V		Metal Coat, 47K ohms 0.63W	2	
R143	ERJ3GEYJ223V		Metal Coat, 22K ohms 0.63W	1		R913	ERJ3GEYJ104V		Metal Coat, 100K ohms 0.63W	1	
R148	ERJ3GEYJ101V		Metal Coat, 100 ohms 0.63W	1		R915	ERJ3GEYJ563V		Metal Coat, 56K ohms 0.63W	1	
R198, 199	ERJ3GEYJ101V		Metal Coat, 100 ohms 0.63W	2		R916	ERJ3GEYJ104V		Metal Coat, 100K ohms 0.63W	1	
R451	ERJ3GEYJ471V		Metal Coat, 470K ohms 0.63W	1		R917	ERJ3GEYJ333V		Metal Coat, 33K ohms 0.63W	1	
R452	ERJ3GEYJ473V		Metal Coat, 47K ohms 0.63W	1		R918, 919	ERJ3GEYJ104V		Metal Coat, 100K ohms 0.63W	2	
R480	ERJ14YJ4R7H		Carbon, 4.7 ohms 0.25W	1		R920	ERJ3GEYJ473V		Metal Coat, 47K ohms 0.63W	1	
R605, 606	ERJ12YJ3R9H		Carbon, 3.9 ohms 0.5W	2		R921	ERJ3GEYJ104V		Metal Coat, 100K ohms 0.63W	1	
R612	ERJ3GEYJ103V		Metal Coat, 10K ohms 0.63W	1		R922	ERJ3GEYJ473V		Metal Coat, 47K ohms 0.63W	1	
R620, 621	ERJ3GEYJ473V		Metal Coat, 47K ohms 0.63W	2		R924	ERJ3GEYJ333V		Metal Coat, 33K ohms 0.63W	1	
R622	ERJ3GEYJ473V		Metal Coat, 47K ohms 0.63W	1							

Ref. No.	Part No.	Part Code	Part Name & Description	Pcs set	Remarks
R955, 956	ERJ3GEYJ104V		Metal Coat, 100K ohms 0.63W	2	
R957	ERJ3GEYJ473V		Metal Coat, 47K ohms 0.63W	1	
R971, 972	ERJ3GEYJ104V		Metal Coat, 100K ohms 0.63W	2	
R973, 974	ERJ3GEYJ104V		Metal Coat, 100K ohms 0.63W	2	
R998, 999	ERJ3GEYJ103V		Metal Coat, 10K ohms 0.63W	2	
VARIABLE RESISTORS					
VR101	YEVN031B203M		20K ohms	1	
VR102	YEVN031B503M		50K ohms	1	
VR103	YEVN031B203M		20K ohms	1	
VR104	YEVN031B103M		10K ohms	1	
VR105	YEVN031B303M		30K ohms	1	
VR106	YEVN031B103M		10K ohms	1	
VR107	YEVN031B202M		2K ohms	1	
CRYSTAL					
XL501	YEXLCSAC419M		Crystal	1	
COILS					
L101	YELT03N5R6KT		RF Coil	1	

Ref. No.	Part No.	Part Code	Part Name & Description	Pcs set	Remarks
MISCELLANEOUS					
SW1	YEAS09248R		Switch	1	
SW2 (2-B)	YEAS08030Z		Switch	1	
SW3 to 5	YEAS09248R		Switch	3	
CNP8	YEA5220705		5P Connector	1	
1 (4-B)	YEFX0461314B		Position Detect, Lever (R)	1	
2 (4-C)	YEFX0461315C		Position Detect, Lever (L)	1	
3 (4-C)	YEFX0461313		Gear Lever Assy	1	
4 (4-B)	YEFX0461311A		Disc Lock Lever (RA)	1	
5 (4-C)	YEFX0461312A		Disc Lock Lever (LA)	1	
6 (4-B)	YEFX0461516		Cam Lever Assy	1	
7 (3-A)	YEFX999958E		Disc Guide (u)	1	
8 (3-C)	YEFX0051599		Cam Lever Spring	1	
9 (3-B)	YEFX0461299		IN Switch Lever	1	
10 (4-C)	YEFX009141		Slide Joint Lever	1	
11 (3-C)	YEFX0051597A		Switch Lever Spring	1	
12 (4-C)	YEFX0051598		Gear Lever Spring	1	
13 (4-A)(1-C)	YEFS011001		Pad (C)	2	
14 (1-B)	YEFX0051886		Joint Lever Spring	1	
15 (3-B) (3-C)	YEFX0051795		Spring for Lock	2	
16 (3-C)	YEFS01999		Pad (A)	1	
18 (3-C)	YEFS011000		Pad (E)	1	
19 (2-B)	YEFA031175C		Upper Chassis Assy	1	
20 (3-B)	YEFL02526		Spacer (A)	1	
21 (3-C)	YEFX0051600		Slide Joint Spring	1	
22 (3-A)	YEP0BR5708AA		PCB w/Component	1	RTL
23 (3-B)	YEFX9991070A		Cover for PCB	1	
24 (3-B)	YEA011972		5P Flat Cable	1	
25 (3-A)	YEFX0051590		Spring	1	
26 (3-B)	YEP0FX1698A		Clamper Assy	1	
27 (3-B)	YEFS011002		Pad (D)	1	
28 (3-B)	YEFX0051591		Clamper Spring	1	
30 (2-B)(2-C)	YEFS04442		Dumper	4	

Ref. No.	Part No.	Part Code	Part Name & Description	Pcs set	Remarks	Ref. No.	Part No.	Part Code	Part Name & Description	Pcs set	Remarks
31 (2-B)(2-C)	YEFX018265A		Dumper Bracket (B)	2		201	YEJT03081		Screw 2.6mmφ × 5mm	5	
32 (2-B)(2-C)	YEFX018264		Dumper Bracket (F)	2		202 (2-B)	XYN2 + C10FX		Screw 2mmφ × 10mm	1	
33 (2-C)	YEFX0461325A		Lock Lever R Assy	1		203 (2-A)	XQN2 + A25FX		Screw 2mmφ × 25mm	2	
34 (2-C)	YEFX0461318		Joint Lever RA Assy	1		204	XQN2 + C4FX		Screw 2mmφ × 4mm	2	
35	YEFX9991107A		Balancer	1		205 (4-B)(4-C)	YEJE01003		E-Ring	2	
36 (2-C)	YASAK01083		Loading Motor (YEP0FX2145)	1		206 (4-B)(4-C)	YEFL02530		Spacer	2	
37 (1-C)	YEFX003664		Loading Gear (1)	1		207 (4-C)	YEFR05018		Rubber Ring	1	
38 (2-B)	YEFX0461319		Joint Lever RB Assy	1		208	YEFX014038		Snap Ring	2	
39 (3-C)	YEFX0461317A		Eject Lever Switch Assy	1		209	YEFX014008		Snap Ring	4	
40 (1-C)	YEFA09423		Main Chassis Assy	1		210 (4-B)	YEJW05038		Washer	1	
41 (1-C)	YEFX0051588		Slide Cam Spring	1		211 (4-C)	YEJW05074		Washer	2	
42 (1-C)	YEFX234171D		Slide Cam R	1		212	XYN2 + C4FX		Screw 2mmφ × 4mm	2	
43 (1-A) (1-C)	YEFX0051589		Feeder Arm Spring	2		213	YEJE01004		E-Ring	2	
44 (1-B)	YEFX003518		Loading Gear 2	1		214 (2-A)(2-B)	YAJW05011		Washer	2	
45 (1-B)	YEFX003530		Friction Gear Assy	1		215	YEJE01014		E-Ring	1	
46 (1-B)	YEFX003519		Loading Gear 3	1		216	XSB2 + 3FX		Screw 2mmφ × 3mm	2	
47 (2-A)	YEFX218248		Rubber Roller	1		217 (4-B)	XYN2 + C5FX		Screw 2mmφ × 5mm	1	
48 (2-A)	YEFX0051633A		Lock Lever Spring	1		218	XYN2 + C3FX		Screw 2mmφ × 3mm	2	
49 (1-A)	YEFX003526		Roller Gear Assy	1		219 (4-A)	YEJW05116		Washer	1	
50 (1-A)	YEFX0461309		Joint Lever LA	1							
51 (1-A)	YEFX0461321		Lock Lever LA Assy	1							
52 (1-A)	YEFX0461308		Lock Lever LB	1							
53 (1-A)	YEFX0461320A		Feeder Arm Assy	1							
54 (4-B)	YEP0BR5843AA		PCB w/Component	1	RTL						
55 (2-B)(2-C)	YEFW04117		Roller Shaft	2							
100 (2-B)	YEAP2361A		Flexible Printed Circuit Board	1							
101 (2-B)	YASAK01079		Travers Motor Assy (YEP0FX1697)	1							
102 (1-A)	YEFX003521		Worm Gear	1							
103 (1-A)	YEFX003522		Worm Wheel	1							
104 (1-C)	YEFX0051630		Suspension Spring (F)	2							
105 (1-A)(1-C)	YEFX0051629		Suspension Spring (R)	2							
108 (2-B)	YEP0FX1814		Suspension Assy w/Optical Pick	1							