

Service Manual

COMPACT
disc
DIGITAL AUDIO

AUTOMOTIVE CONSUMER ELECTRONICS CQ-DP930/940EUC

Removable Face High-Power CD Player / Receiver



< CQ-DP940EUC >

• NTT has applied for trademark registration for MASH.

Specifications*

General

Power Supply	: DC 12V (11V - 16V), Test Voltage 14.4V Negative Ground
Tone Action	: Bass ; ± 12 dB at 100Hz Treble ; ± 12 dB at 10kHz
Current Consumption	: Less than 1.7A (CD play mode)
Maximum Power Output	: 40W \times 4ch, at 400Hz, Vol. MAX
Per-AMP Output Voltage	: 2.0V (CD Play Mode ; 1 kHz 0dB)
Output impedance	: 600 ohms

AM Stereo Radio

Frequency Range	: 530 - 1,710kHz
Usable Sensitivity	: 28dB/ μ V(25 μ V, S/N 20dB)

FM Stereo Radio

Frequency Range	: 87.9 - 107.9MHz
Usable Sensitivity	: 13.2dBf(12.5 μ V, 75 Ω)

CD Player

Sampling Frequency	: 32 times oversampling
DA Converter	: MASH•1bit/4 DAC System
Pick-Up Type	: Astigma 3-beam
Light Source	: Semiconductor laser
Wavelength	: 780nm
Frequency Responce	: 20Hz to 20,000Hz (± 1 dB)
Signal to Noise Ratio	: 96dB
Wow and Flutter	: Below measurable limits
Channel Separation	: 75dB

Dimensions**

Main Unit	: 7" \times 1-15/16" \times 5-7/8" (178 \times 50 \times 150 mm)
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Weight**

Main unit	: 3lbs 8oz (1.6kg)
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* Specifications and the design are subject to possible modification without notice due to improvements

** Dimensions and Weight shown are approximate.

Panasonic®

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(Recycled Paper)

⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

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FEATURES

- 32bit-times oversampling MASH 1bit 4-DAC system.
- Digital servo for reliable playback.
- PLL (Phase Locked Loop) synthesized tuning.
- 18-FM, 6-AM presets with preset scan.
- Intelligent volume control.
- Removable face plate.

REPLACING THE FUSE

Use fuses of the same specified rating 15amps. Using different substitutes or fuses with higher ratings, or connecting the unit directly without a fuse, could cause fire or damage to the stereo unit. If the replacement fuse fails, contact your nearest MSC, Panasonic (in Canada) Servicenter for service.

MAINTENANCE

Your product is designed and manufactured to ensure a minimum of maintenance. Use a soft cloth for routine exterior cleaning. Never use benzene, thinner, or other solvent.

RADIO AND CD DECK ALIGNMENT

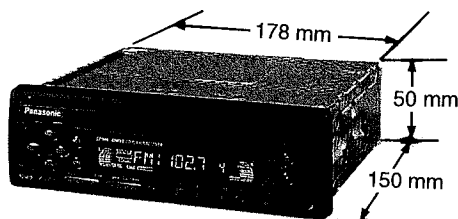
■ RADIO BLOCK

Do not align the AM and FM package blocks. When the package block is necessary, it will be supplied already aligned at the factory.

■ CD DECK BLOCK

This model has no servo alignment points because microcomputer controls the servo circuit.

DIMENSIONS



Note:

This operating instruction manual is for 2 models CQ-DP940EUC and CQ-DP930EUC. All illustrations throughout this manual represent model CQ-DP940EUC unless otherwise specified. The following table describes the differences between 2 models.

	Model	
	CQ-DP940EUC	CQ-DP930EUC
Operating Controls		
Pre-Out	2 pre (Lead type)	1 pre (Fix)
HDB	Super HDB	None
LOUD	None	Yes
AUX	Yes	None
Programmed Sound Memory	Yes	None
Level Meter	Yes	None
Security Indicator	Yes	None
Remote Control Unit	Yes	None
LCD Color	3 Colors	Green

Find the model number and serial number on either the back or bottom of the unit. Please record them in the space below and retain this booklet as a permanent record of your purchase to aid in identification in case of theft.

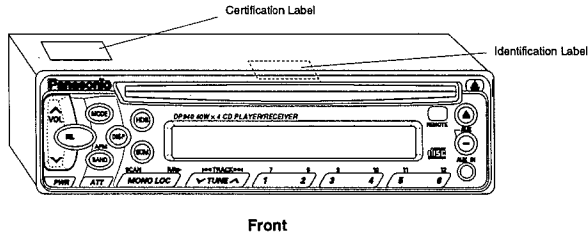
<OPERATING INSTRUCTIONS>

□ Laser Products (The standard described on this page is for U.S.A. only.)

Caution:
This product utilizes a laser.
Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Laser products:
Wave length 780 nm
Laser Power No hazardous radiation is emitted with safety protection.

• Label Indications and their locations



Certification Label

Product complies with DHHS Rules 21 CFR, Subchapter J in effect as of date of manufacture.
Dalian Matsushita Communication Industrial Co., Ltd.
Dalian, China

MANUFACTURED

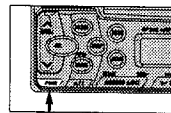
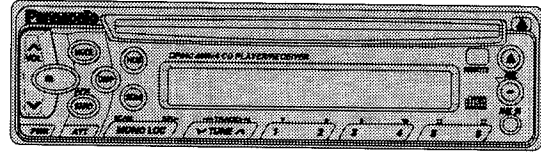
Identification Label

Model No.
N° De Modèle **CQ-DP940EUC**

12V	4-Ω	15A
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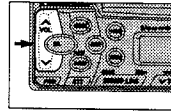
Manufactured by Dalian Matsushita Communication Industrial Co., Ltd. Dalian China
Made in China

Power and Sound Controls



Power

If the car is not already running, turn the key in the ignition until the accessory indicator lights.
Press PWR to switch on the power.
Note: When power is switched on for the first time, greeting words display. To cancel this display, press PWR to switch power off then power on again (Only for CQ-DP940EUC).
When a CD is inserted with all power connected, the unit power will automatically turn on and CD loading begins and plays.

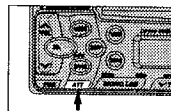


Volume

Press "VOL+" or "VOL-" to increase or decrease volume.



Press "VOL+" or "VOL-" for more than a half second to change numeric levels on the display rapidly.



Attenuator

• Press ATT. Volume will decrease to about 1/10 of its previous level.
• Press ATT again to deactivate when listening at normal volume.



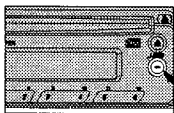
S-HDB (Super High Definition Bass) (Only for CQ-DP940EUC)

Especially for rock music, the bass-sound will be more powerful.
• Press HDB to be able to listen to high-definition bass.
• Press HDB again to return to the normal tone.



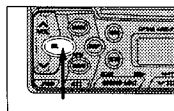
Note: This unit is equipped with an anti-volume-blast circuit which serves as an automatic volume level adjuster so that you will not be deafened sudden loud volume. This system operates as follows. When PWR is switched on, the volume level is low. After that, the volume level gradually returns to its previous level prior to switching off the unit.

Power and Sound Controls continued



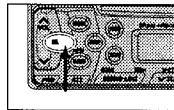
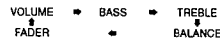
Tone Enhancement (Only for CQ-DP930EUC)

Press LOUD () to enhance bass and treble tones when listening at low or medium volume. Press LOUD () again to deactivate.



Changing Audio Modes

Press SEL to switch the audio mode in the following order.



Bass and Treble

• Press SEL to select the BASS (TREBLE) mode. Press "VOL+" or "VOL-" to increase or decrease the bass/treble response.



-12 to 12 -12 to 12
• Press "VOL+" or "VOL-" for more than a half second to change numeric levels on the display rapidly.

Balance

• Press SEL to select the BALANCE mode. Press "VOL+" or "VOL-" to shift the sound volume to right or left speakers.



or L 1 to 15 Balance Center
• Press "VOL+" or "VOL-" for more than a half second to change numeric levels on the display rapidly.

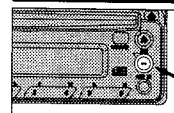
Fader

• Press SEL to select the FADER mode. Press "VOL+" or "VOL-" to shift the sound volume to the front or rear speakers.



or R 1 to 15 Balance Center
• Press "VOL+" or "VOL-" for more than a half second to change numeric levels on the display rapidly.

Note: When a control mode (BAS/TRE/BAL/FAD) is selected but no operation is made within 5 seconds (2 seconds at volume mode), the display will return to the normal operation (Radio, CD, etc) mode. In such a case, press SEL again to select the control mode.

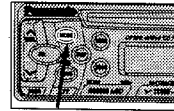


Selecting Auxiliary Source

• Press AUX to select AUX input mode. (Only for CQ-DP940EUC)



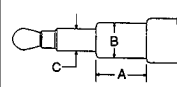
• Connect the auxiliary equipment (an optional DCC player deck or any other appropriate equipment) to the AUX Jack.



Canceling AUX input mode

Press AUX or MODE again while the AUX mode is operated, the mode will return to the previous mode. Or insert a CD and the mode will change to CD mode.

Note: The AUX mode enables setting of VOL, BAS, and FAD, independently of other modes. (Only for CQ-DP940EUC)

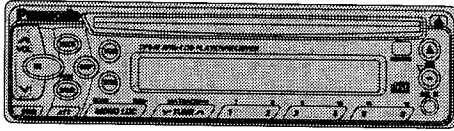


Caution:

In order to insert the plug into the "AUX" Jack properly, make sure to use the correct size of the stereo plug shown on the left.

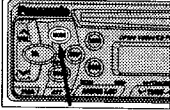
A-MIN 1/2" LONG (12mm)
B-MAX 2/5" DIA. (10mm)
C-MIN 1/8" DIA. (3.5mm)

Radio Basics



To change Tuner Mode

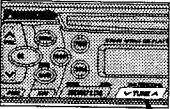
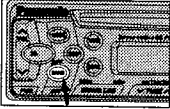
<For CQ-DP940EUC>
Tuner mode is selected if the MODE button is pressed while in CD Player.
<For CQ-DP930EUC>
You can select FM or AM directly.



Selecting a Band

<For CQ-DP940EUC>
• Press BAND to select the bands in the following order.
FM1 → FM2 → FM3 → AM

<For CQ-DP930EUC>
• Press FM to select the bands in the following order.
FM1 → FM2 → FM3
• Press AM to select the bands.

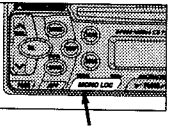


Manual Tuning

Press "TUNE<" or "TUNE>" to move to a higher or lower frequency.

Seek Tuning

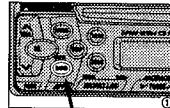
Press and hold "TUNE<" or "TUNE>" for more than a half second, then release. The radio automatically stops on the next station.



MONO/LOCAL Selection

- Much interference is reduced during a weak FM stereo broadcasts when MONO is ON. (Only for FM mode)
- Searching stops automatically at a strong wave station only when LOC is ON

Press MONO to switch on or off the MONO mode as follows:
MONO OFF ↔ MONO ON
Press LOC to switch on or off the LOC mode as follows:
LOC OFF ↔ LOC ON



Preset Station Setting

Up to 24 stations can be preset in the station memory as follows;

FM1	FM2	FM3	AM
6 stations	6 stations	8 stations	8 stations

Manual Station Preset

- ① Press BAND to select a desired band. <For CQ-DP940EUC> You can select FM or AM directly. <For CQ-DP930EUC>
- ② Use manual or seek tuning to find a station that you want to program into memory.
- ③ Press and hold one of the station selector buttons 1 through 6 until the display blinks.
Repeat the process to set other stations for the FM1 to AM bands.

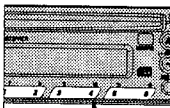
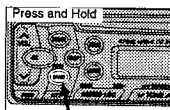
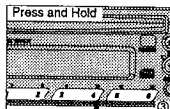
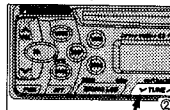
Note: You can change the memory setting by repeating the above procedure.

Tuning in a Preset Station

Press any of the buttons 1 through 6 to tune in the station preset by the above steps ① to ③.

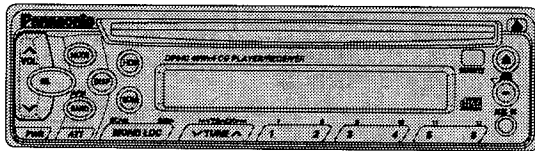
Auto Station Preset

- Select a band and press and hold APM (AUTO PRESET) for more than 2 seconds. (Only for CQ-DP940EUC)
Select a band and press APM. (Only for CQ-DP930EUC)
- The 6 strongest available stations will be automatically set in memory preset buttons 1 through 6.
 - Once set, the preset stations are sequentially scanned for 5 seconds.
 - Press the appropriate preset button for the station you want to hear.



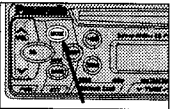
Caution: For safety reasons, do not attempt to program while driving.

Compact Disc Player Basics



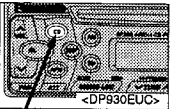
Mode Selection

While the disc is inserted, press MODE to switch the operation mode in the following order.
<For CQ-DP940EUC>
Tuner ↔ CD Player
<For CQ-DP930EUC>
You can select CD play (press CD) directly.



To start the CD Player

Insert the disc (label side up) and playback starts automatically.



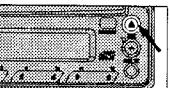
"CD LOAD" will be displayed until the disc is loaded. Play starts from first track.



Note: While the disc is inserted, "DISC" (DP940EUC) or "DISC" (DP930EUC) indicator will light. If you press "MODE" after the disc is ejected, the disc will be re-inserted.

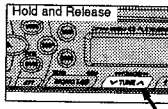
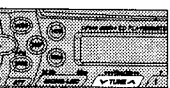
Stopping and Ejecting a Disc

Press "EJECT" to stop CD play, and the disc will quietly eject from the CD slot. (During disc ejection, "CD EJECT" will be displayed.)



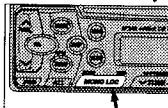
Selecting a Track

Press "TRACK>" once to go to the next track. Press repeatedly to step forward through all the tracks.
Press "TRACK<" once to play from the beginning of the track you are listening to. Press twice to play the previous track. Press repeatedly to step backward through all the tracks.



Searching a Track

Press and hold "TRACK>" or "TRACK<" for more than a half second to activate fast forward or reverse through a track. Release "TRACK>" or "TRACK<" to resume the normal CD play from that position.

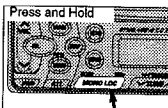


Repeating a Track

Press R/R to repeat the current selection. "REP" indicator will light.



The current selection will continue to repeat until you press R/R again.

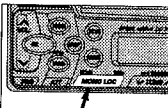


Random Selection

Press and hold R/R for more than 2 seconds. "RAND" (DP940EUC), "R" (DP930EUC) indicator will light. A random selection of music is played from all available tracks.



To turn off the random play feature, press and hold R/R again for more than 2 seconds.

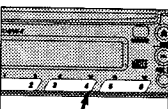


Scanning Tracks

Press SCAN. The display will blink and the first 10 seconds of each track on the disc play in order.



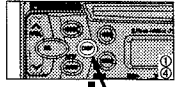
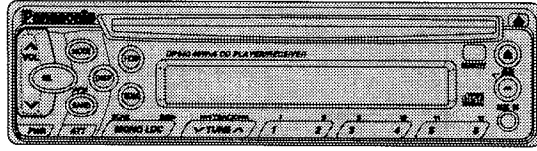
To stop scanning and continue with the current track, press SCAN again.



Selecting by Track Number (Direct access)

- Press a number from "1" to "6" then the corresponding track will start.
- Press and hold a number from "7" to "12" ("1" to "6") for more than one second and the corresponding track will start.

Clock Basics (The clock system is 12-hours.)



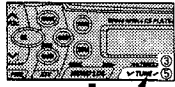
Initial Time Setting

① Press DISP. "Adj" is displayed.

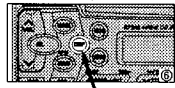
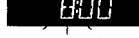


Press and Hold

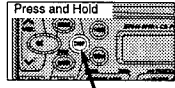
② Press and hold DISP again for more than 2 seconds. "12" blinks indicating the time setting mode is activated.



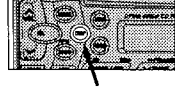
③ To set hours, press "∨TUNE" or "TUNE∧".



④ Press DISP again for minute setting.



⑤ To set minutes, press "∨TUNE" or "TUNE∧". Hold "∧" or "∨" to change numbers rapidly.



⑥ When you have set the time, press DISP.

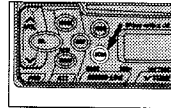
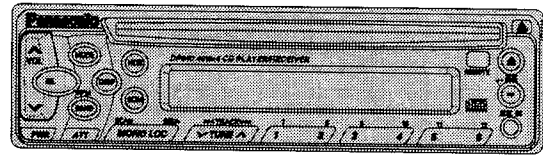
Resetting the Time

When you want to reset the time, press and hold DISP for more than 2 seconds to activate the time setting mode. Then, repeat step 3 to ⑥ above.

Selecting the Clock Display

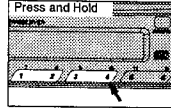
Press DISP for clock display.
Press DISP once again, the current audio display mode resumes.
When power is turned off while the time is displayed, the clock mode remains on. When the PWR is pressed again, the system is completely.
Note: Before you leave your car that has no ACC, be sure to switch power off.

Programmed Sound Memory (Only for CQ-DP940EUC)



Programmed Sound Memory Mode Selection

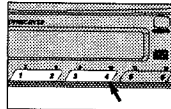
A desired sound setting (except for VOL and ATT) can be memorized and recalled. Press SDM to select to the sound memory mode.



Press and Hold

Programmed Sound Memory Input

To preset sound setting, press the corresponding preset memory button (1 to 4) for more than 2 seconds at sound memory mode.



The preset memory buttons, 5 and 6 are not valid for sound memory.

Recall Programmed Sound Memory

When a desired preset memory button is pressed in sound memory mode, the corresponding sound setting is called.

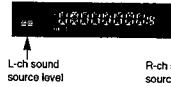


Preset number

The preset memory button 5 is recommended for setting.
The preset memory button 6 is used to release all sound settings.

To change to normal mode

Press MODE or SDM to return to the normal mode.
Note: When the sound memory mode is selected but no setting is made within 5 seconds, the mode will return to the normal mode.



Level Meter

When power is ON, the level of sound sources, such as radio and CD, is displayed.

Note: The level meter indications do not change when VOL, BAL, or other control is turned.

L-ch sound source level

R-ch sound source level

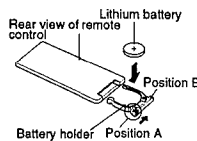
14

15

Remote Control Unit Basics (Only for CQ-DP940EUC)

Battery Replacement (Remote Control Unit)

- Remove the battery holder. Pull the holder by the Position B while pushing Position A in the direction indicated by the arrow.
- Replace the battery. Set a new battery properly with the (+) side up as illustrated.
- Insert the battery holder. Push in the holder to the full.



Notes on Batteries

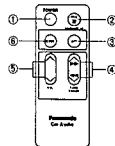
Old batteries must immediately be removed and disposed.

Battery Information:

- Designated Battery: Panasonic Lithium Battery (CR2025)
- Battery Life: 6 months with normal use (in normal room temperature)

Caution: Improper use of batteries may cause overheating, explosion or ignition, resulting in injury or fire. Battery leakage may cause damage to the unit.

- Do not disassemble or short the batteries. Do not throw the batteries into the fire.
- To avoid the risk of accident, keep the batteries out of reach of children.



- Power Button
- BAND/DISC UP Button
- ATT Button
- TUNE/TRACK Button
- Volume Control Button
- Mode Button

Please refer Battery Replacement before using remote control.

Operating Procedures Align the remote controller toward the sensor of the main unit.

General

Power
①POWER (Power Button)
Press POWER to switch on the power.
Press POWER again to switch off the power.

Mode Selection
①MODE (Mode Button)
Press MODE to switch the operation mode in the following order.
Radio → CD Player
AUX ←
(Only for CQ-DP940EUC)

Attenuator/Tone Enhancement
①ATT (ATT Button)
Press ATT to immediately decrease volume to about 1/10 of its previous level.
Press ATT again to resume the previous volume.

Volume
①∨VOL∧ (Volume Control Button)
Press "∧" or "∨" to increase or decrease volume level.

Radio

Selecting a Band
①BAND (Band select Button)
Press BAND to select bands in sequence.
FM1 → FM2 → FM3 → AM

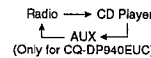
Seek Tuning
①∨TUNE∧ (Seek Tuning Button)
Press and hold "∨" or "∧" for more than a half second, then release. The radio will automatically stop on the next station.

Manual Tuning
①∨TUNE∧ (Manual Tuning Button)
Press "∨" or "∧" to tune the frequency downward or upward.

Compact Disc Player

(When a disc is inserted, playback starts.)

To starts CD Play
①MODE (MODE Button)
Only when a disc is inserted, press to select CD play mode, and playback starts automatically.



When a disc is inserted, the CD play starts automatically regardless what mode you are being listened.

Selecting a Track
①∨TRACK∧ (Track Select Button)
Press "∧" once to go to the next track.
Press "∨" once to play from the beginning of the currently played track.
Press repeatedly to skip forward or backward through all the tracks.

Searching a Track
①∨TRACK∧ (Track Search Button)
Press and hold "∨" or "∧" for more than a half second to activate fast forward or reverse through a track.
Release to stop fast forward or reverse.

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Installation Guide



The installation information is designed for experienced installers and is not intended for non-technical individuals. It does not contain warnings or cautions of potential dangers in attempting to install this product.

Any attempt to install this product in a motor vehicle by anyone other than a qualified installer could cause damage to the electrical system and could result in serious personal injury or death.

Overview

This equipment should be installed by a professional. However, if you plan to install this unit yourself, your first step is to decide where to install it. The instructions in these pages will guide you through the remaining steps. (Please refer to "WARNING" statement above).

- Identify and label the vehicle wires
- Connect the vehicle wires to the wires of the power connector
- Install the unit in the dash
- Check the operation of the unit

If you do encounter problems, please consult your nearest professional installer.

Caution: This unit will operate with a 12 volt DC negative ground auto battery system only. Do not attempt to use it in any other system. Doing so could cause serious damage.

Before you begin installation, look for the following items included in the packing with your unit.

- Warranty Card** Fill this out promptly
- MSC (in Canada: Panasonic) Servicenter Directory** Keep for future reference in case the unit needs servicing
- Installation Hardware** Needed for in-dash installation

Installation Hardware

No.	Item	Diagram	Qty
①	Mounting Collar		1
②	Hex. Nut (5 mmφ)		1
③	Rear Support Strap		1
④	Tapping Screw (5 mmφ x 16 mm)		1
⑤	Mounting Bolt (5 mmφ)		1
⑥	Power Connector		1
⑦	Dismounting Plate		1
⑧	Removable Face Plate Case		1
⑨	Remote Control Unit (Only for CQ-DP940EUC)		1
⑩	Trim Plate		1
⑪	Lithium battery (Only for CQ-DP940EUC)		1

Required Tools

You'll need a screwdriver, a 1.5 volt AA battery, and the following:



Turn the ignition on to the accessory position, and ground one lead of the test bulb to the chassis. Touch the other lead of the test bulb to each of the exposed wires from the cut radio connector plug. Touch one wire at a time until you find the outlet that causes the test bulb to light. Now turn the ignition off and then on. If the bulb also turns off and on, that outlet is the vehicle power lead.

If your vehicle is not wired for an audio unit. Go to the fuse block and find the fuse port for radio (RADIO), accessory (ACC), or ignition (IGN).

Battery Lead

If your stereo unit has a yellow lead, you will need to locate the car's battery lead. Otherwise you may ignore this procedure. (The yellow battery lead provides continuous power to maintain a clock, memory storage, or other function.) If your vehicle has a radio or is pre-wired for one: With the ignition and headlights off, identify the car battery lead by grounding one lead of the test bulb to the chassis and checking the remaining exposed wires from the cut radio connector plug. If your vehicle is not wired for an audio unit: Go to the fuse block and find the fuse port for the battery, usually marked BAT.

Speakers

Identify the car speaker leads. There will be two leads for each speaker, usually color coded. A handy way to identify the speaker leads and the speaker they connect with is to test the leads using a 1.5 volt AA battery as follows.

Hold one lead against one pole of the battery and stroke the other lead across the other pole. You will hear a scraping sound in a speaker if you are holding a speaker lead.

If not, keep testing different lead combinations until you have located all the speaker leads. When you label them, include the speaker location for each.

Antenna Motor

If your vehicle is equipped with an automatic power antenna, identify the vehicle motor antenna lead by connecting one bulb tester lead to the vehicle battery lead and touching the remaining exposed wires from the cut radio connector plug one at a time. You will hear the antenna motor activate when you touch the correct wire.

Antenna

The antenna lead is a thick, black wire with a metal plug at the end.

Dashboard Specifications



Identify All Leads

The first step in installation is to identify all the vehicle wires you'll use when hooking up your sound system.

As you identify each wire, we suggest that you label it using masking tape and a permanent marker. This will help avoid confusion when making connections later.

Note: Do not connect the power connector to the stereo unit until you have made all connections. If there are no plastic caps on the stereo hooking wires, insulate all exposed leads with electrical tape until you are ready to use them. Identify the leads in the following order.

Power Lead

If your vehicle has a radio or is pre-wired for one: Cut the connector plug off (leaving the leads as long as possible) so that you can work with individual leads.



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Installation Guide continued

Connect All Leads

Now that you have identified all the wires in the vehicle, you're ready to begin connecting them to the stereo unit wires. The connection diagram on Page 24 show the proper connections and color coding of the leads.

We strongly recommend that you test the unit before making a final installation.

You can set the unit on the floor and make temporary connections to test the unit. Use electrical tape to cover all exposed wires.

Important: Connect the red power lead last, after you have made and insulated all other connections.

Ground

Connect the black ground lead of the power connector to the metal vehicle chassis.

Speakers

Connect the speaker wires. See the wiring diagram below for the proper hookups. Follow the diagram carefully to avoid damaging the speakers and the stereo unit.

The speakers used must be able to handle more than 40 watts of audio power. If using an optional audio amplifier, the speakers should be able to handle the maximum amplifier output power. Speakers with low input ratings can be damaged. Speaker impedance should measure 4 - 8 ohms, which is typically marked on most speakers. Lower or higher impedance speakers will affect output and can cause both speaker and stereo unit damage.

Caution: Never ground the speaker cords. For example, do not use a chassis ground system or a three-wire speaker common system. Each speaker must be connected separately using parallel insulated wires. If in doubt about how your car's speakers are wired, please consult with your nearest professional installer.

Motor Antenna

Connect the vehicle motor antenna lead to the blue motor antenna relay control lead.

Battery

Connect the yellow battery lead to the correct radio wire or to the battery fuse port on the fuse block.

Antenna

Connect the antenna by plugging the antenna lead into the antenna receptacle.

Equipment

Connect any optional equipment such as amplifier, according to the instructions furnished with the equipment. Keep about 12 inches (30 cm) of distance between the speaker cords/amplifier unit and the antenna/antenna extension cord. Read the operating and installation instructions for any equipment you will connect to this unit.

Power

Connect the red power lead to the correct vehicle radio wire or to the appropriate fuse port on the fuse block.

If the stereo unit functions properly with all these connections made, disconnect the wires and proceed to the final installation.

Final Installation

Lead Connections

Connect all wires, making sure that each connection is insulated and secure. Bundle all loose wires and fasten them with tape so they won't fall down later. Now insert the stereo unit into the mounting collar.

Congratulations! After making a few final checks, you're ready to enjoy your new auto stereo system.

Final Checks

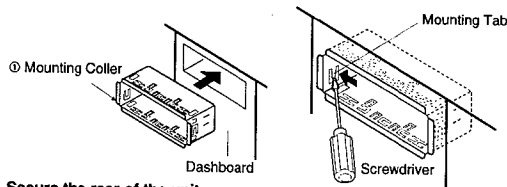
- Make sure that all wires are properly connected and insulated.
- Make sure that the stereo unit is securely held in the mounting collar.
- Turn on the ignition to check the unit for proper operation.

If you have difficulties, consult your nearest authorized professional installer for assistance.

Installation Procedures

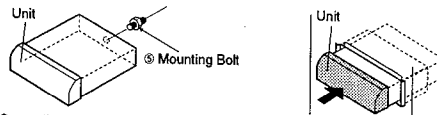
1. Secure the Mounting Collar ①.

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



2. Secure the rear of the unit

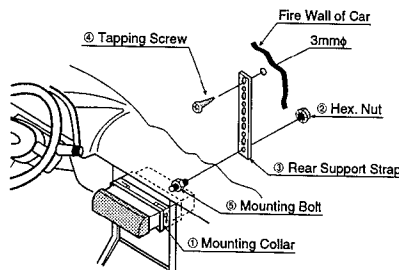
- Check the electrical connection by referring to this operating instructions.
- Connect the Mounting Bolt ⑤, using a suitable wrench.
- Insert the unit into Mounting Collar ① and push it unit "click" is heard.



d) Secure the rear of the unit to the car by either of the two recommended methods.

Using the Rear Support Strap ③

Affix one end of the Rear Support Strap ③ to the rear of the unit, and the other end to the Fire Wall of Car, or some other metallic area.



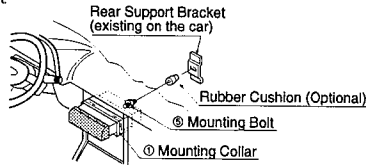
20

21

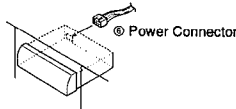
Installation Guide continued

■ Using the Rubber Cushion (Optional)

(If there is an existing Rear Support Bracket on the Fire Wall of Car.)
Cover Mounting Bolt ② on the rear of the unit with Rubber Cushion (Optional), and mount it into existing Rear Support Bracket.



3. Plug the Power Connector ③.



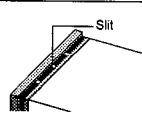
4. After installation reconnect the negative (-) battery terminal.

To Remove the trim plate (for Japanese Cars)

You may not be able to install this unit in some makes of Japanese cars. In such a case, consult your dealer or professional.

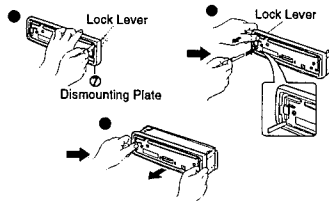
To mount this unit on a Japanese car, first cut the 9 slit in back of the trim plate with side-cut pliers, remove the trim plate, then mount this unit.

If you find a trim plate necessary after mounting the unit inside, use the supplied trim plate ④.



To Remove the Unit

- Remove the removable face plate. (See page 23.)
- Pull out the unit while pushing the lock lever using Dismounting Plate ⑤.
- Remove the unit pulling with both hands.



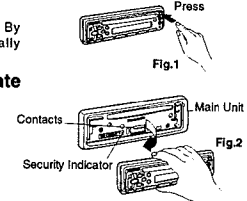
Note: Do not lose the Dismounting Plate. It will be needed to remove the unit from the car's dashboard.

Anti-Theft System

This unit is equipped with a removable face plate. By removing this face plate, the radio becomes totally inoperable. The security indicator will blink.

To Remove the Removable Face Plate

- Switch off the power.
- Press the release button (). The removable face plate will be released.
- Remove the removable face plate by pulling on the right side of the unit. Place the removable face plate in a supplied case.

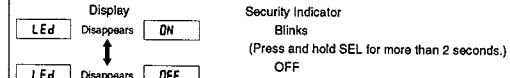


Security Indicator (Only for CQ-DP940EUC)

The security indicator blinks when the removable face plate is removed from the unit.

Activate Security Indicator (Only for CQ-DP940EUC)

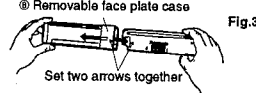
Press and hold SEL for more than 2 seconds when the power is ON. "LED ON" is displayed, and the security indicator turns ON.



Caution:

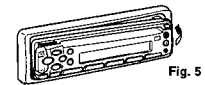
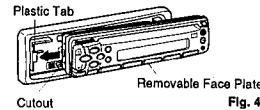
When you want to remove the unit, the security indicator functions can be canceled by the following steps of procedure.
• Install the removable face plate.
• Disconnect the power connector.

- As shown in Fig. 3, insert the removable face plate with the arrow pointing toward the removable face plate case until you hear a "click". Keep the removable face plate in the case. Then, you can bring the plate safely.



To install the Removable Face Plate

- Slide the left side of the removable face plate in place.
- Press the right end of the removable face plate until "click" is heard.



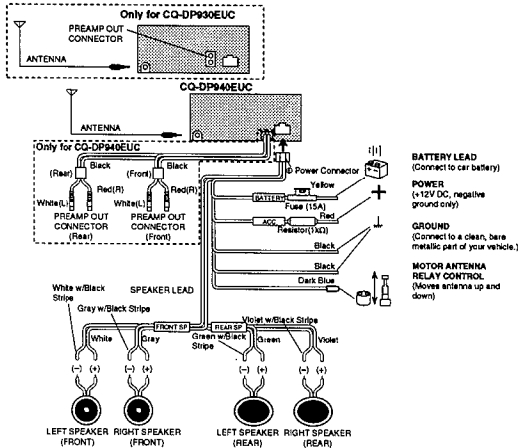
Installation Guide continued

Caution:

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

Caution:

- To prevent damage to the unit, be sure to follow the connection diagram below.
- Remove the covering of the leads about 5mm long from their ends before connecting.
- Do not insert the power connector into the unit until the wiring is completed.
- 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.



Troubleshooting

□ Maintenance

Your product is designed and manufactured to ensure a minimum of maintenance. Use a soft cloth for routine exterior cleaning. Never use benzine, thinner, or other solvent.

□ When Something Doesn't Work

Check the charts on the next page for possible causes and solutions to any problem you might be experiencing. Some simple checks or minor adjustments may eliminate the problem.

□ Product Servicing

If the suggestions in the charts don't solve the problem, we recommend that you take it to your nearest authorized MSC, Panasonic (in Canada) Servicer. The unit should be serviced only by a qualified technician.

□ Replacing the Fuse

Use fuses of the same specified rating 15 amps.

Using different substitutes or fuses with higher ratings, or connecting the unit directly without a fuse, could cause fire or damage to the stereo unit.

If the replacement fuse fails, contact your nearest MSC, Panasonic (in Canada) Servicer for service.

□ Error Display Messages

	Displays when the compact disc is dirty or upside down. The disc eject automatically.
	Displays when compact disc is scratched. The disc eject automatically.
	Displays when the compact disc stops operating for some reason. Please turn off the car engine (ACC off) and remove the fuse from yellow lead for 1 minute. Then reinstall the fuse.

Troubleshooting continued

□ Troubleshooting Tips (continued)

PROBLEM	POSSIBLE CAUSE	Possible Solution
Unit won't turn on.	Dead vehicle battery. Ignition not on. Bad power line connection. Fuse burned out.	Charge vehicle battery. Turn Ignition to On or Accessory. Check connections. Replace fuse.
Radio has static.	Antenna not hooked up. Close to high power lines.	Hook up antenna. Move away from high power lines.
Radio memory buttons don't work.	Not holding buttons down long enough.	Press and hold buttons for more than 2 seconds.
No sound can be heard even if the disc is properly loaded.	The compact disc is inverted.	Insert the disc with label side facing up.
	The compact disc is very dirty.	Try to clean the compact disc by instructions of disc cleaning.
	The temperature inside the car is more than 140°F (60°C).	Give the interior a chance to cool down before using the unit.
	Excessive moisture.	Wait for a while before using the unit.
	Wiring connection is not properly done.	Confirm all wiring connection such as power cord, speaker cords, etc.
	Volume control is at 'minimum' position.	Adjust the volume control to the proper level.
Sound distorted due to vibration.	Fuse of amplifier is blown out.	Replace the fuse with the correct rating.
	Installation method is bad.	Fix the unit securely.
Inverted sound (Left/Right connections).	The speaker cords are inverted.	Check the speaker cords.
No sound from front or rear speakers.	The fader control is set on the wrong position.	Adjust the fader control of the unit correctly.
Sound distorted sometimes.	The compact disc may be defective.	Try to replace the disc with another one.
	The compact disc is dirty.	Try to clean the compact disc by instructions of disc cleaning.
A compact disc is sometimes ejected. (Display shows "E1", an error message.)	The pickup lens is dirty.	Clean the lens. (Use CD lens cleaning disc.)

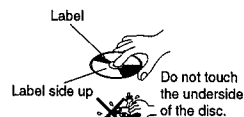
Special Notes

□ Special Notes

USE ONLY DISCS CARRYING THIS LABEL.

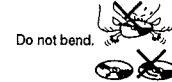


- Handle discs carefully.
- Keep discs clean.
- Do not scratch or place stickers on discs.
- Do not bend discs.
- Keep discs in their cases when not using them.
- Do not place discs:
 1. In direct sunlight.
 2. In dirty, dusty or damp areas.
 3. Near the vehicle heater.
 4. On the seats or dashboard.



Disc Cleaning

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

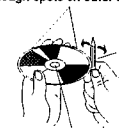


Wipe the disc from center to outside direction.

□ A Caution on New Discs

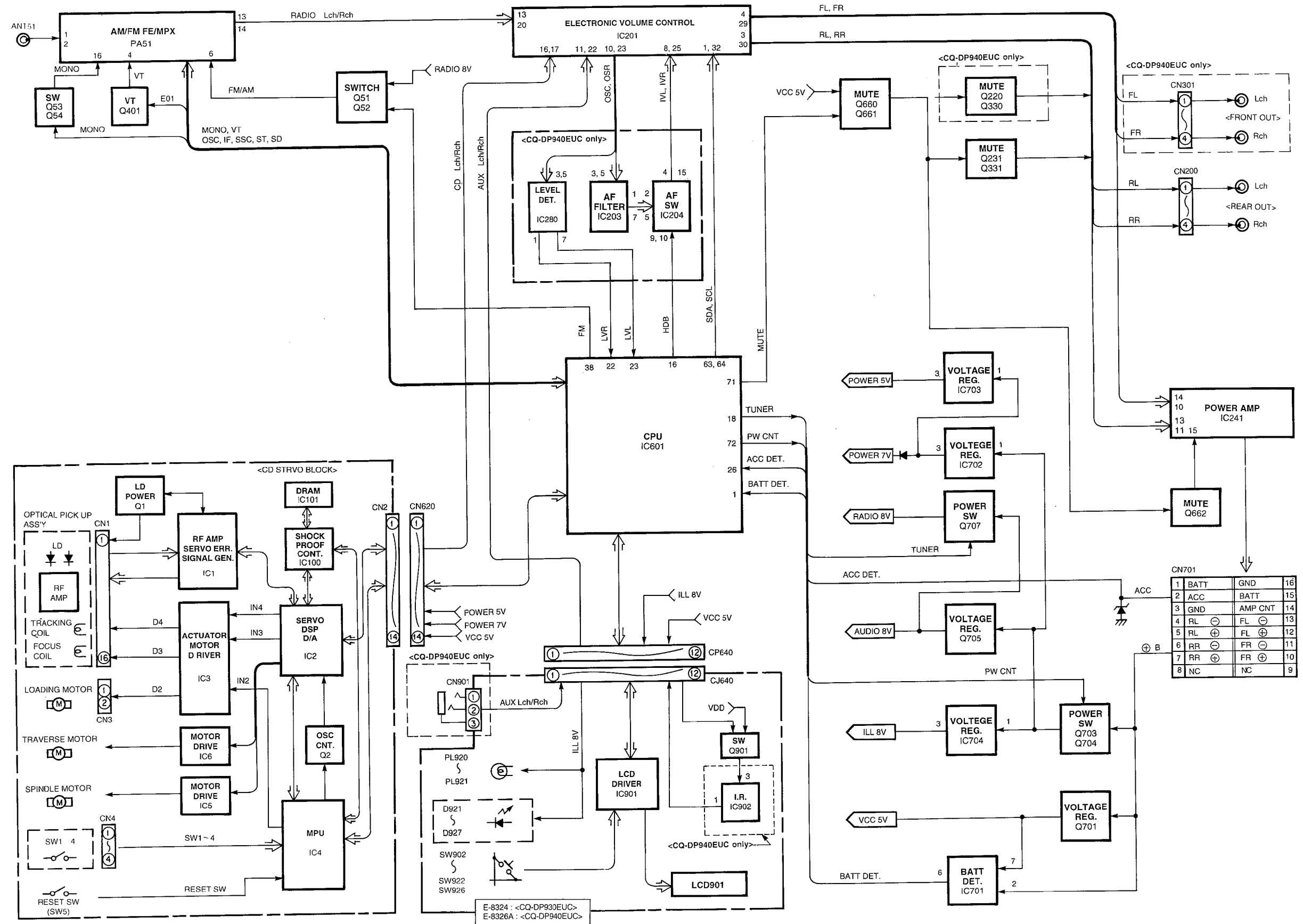
A new disc may have rough spots on its inner and outer edges. These rough edges may cause the CD player to reject the disc. Remove these rough edges by rubbing the inner and outer edges with a pen or pencil as shown at right.

Rough spots on outer edge



Rough spots on inner edge

BLOCK DIAGRAM MODELS CQ-DP930/940EUC

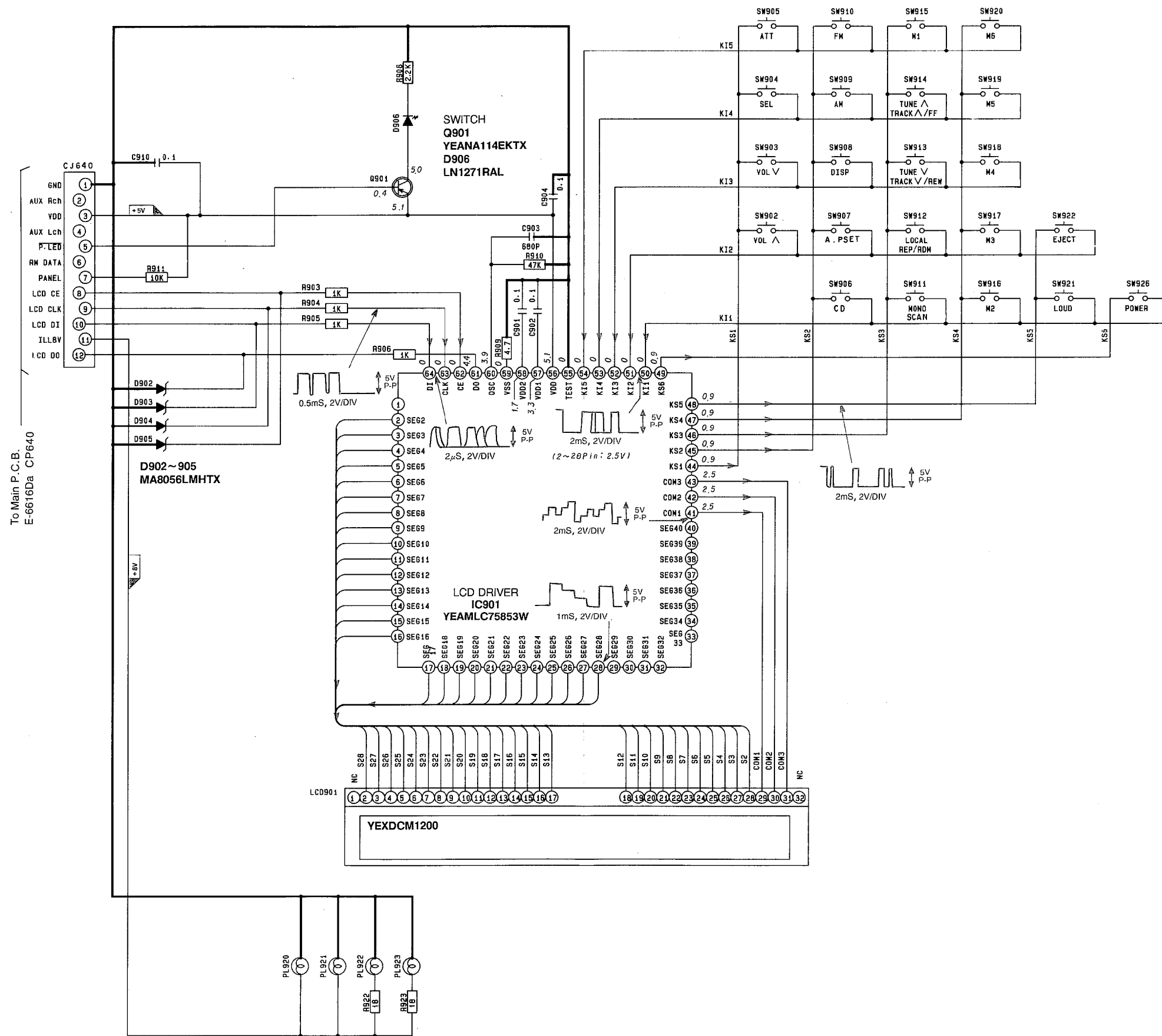


1	BATT	GND	16
2	ACC	BATT	15
3	GND	AMP CNT	14
4	RL ⊖	FL ⊖	13
5	RL ⊕	FL ⊕	12
6	RR ⊖	FR ⊖	11
7	RR ⊕	FR ⊕	10
8	NC	NC	9

E-8324 : <CQ-DP930EUC>
E-8326A : <CQ-DP940EUC>

Removable Face High-Power CD Player / Receiver

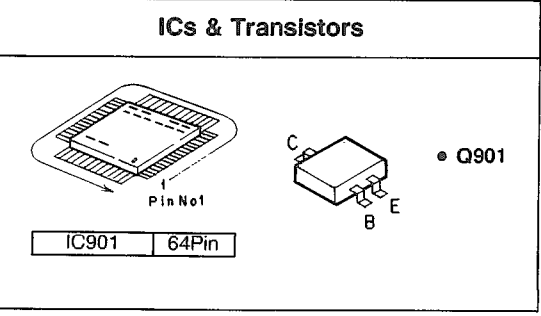
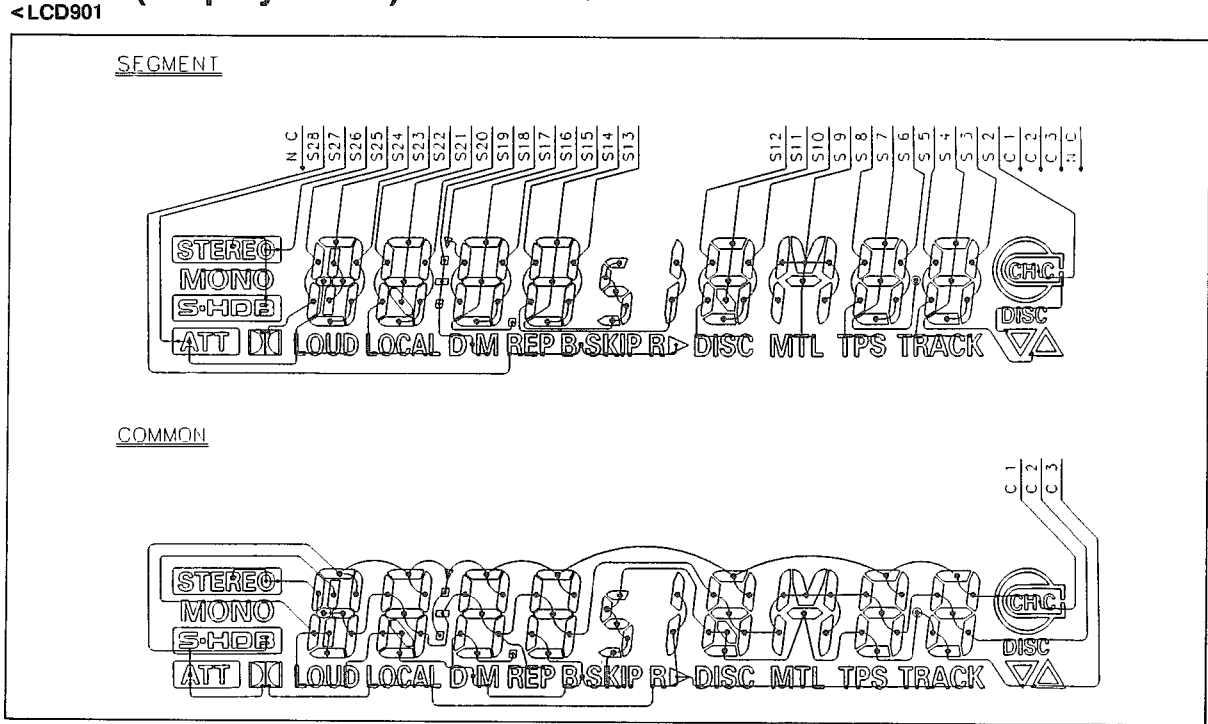
SCHEMATIC DIAGRAM (Display Block) MODEL CQ-DP930EUC



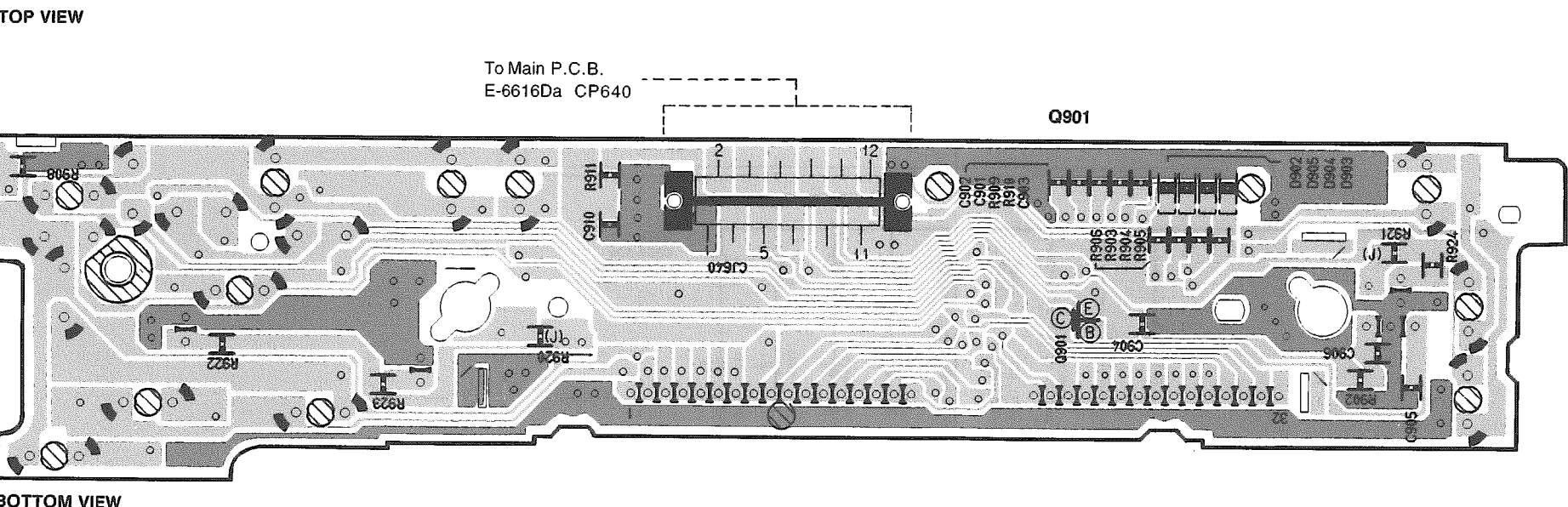
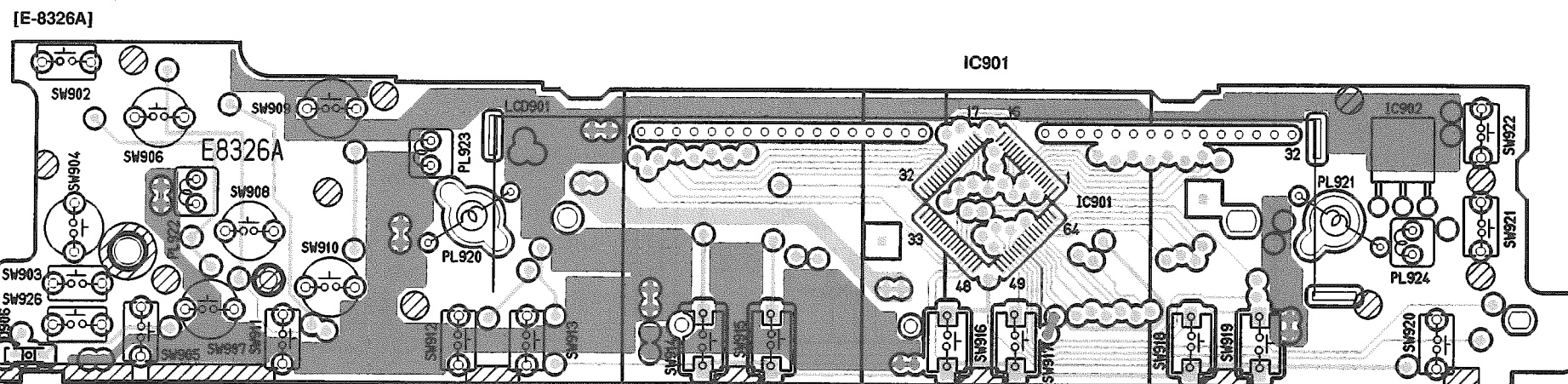
To Main P.C.B.
E-6616Da CP640

Removable Face High-Power CD Player / Receiver

WIRING DIAGRAM (Display Block) MODEL CQ-DP930EUC



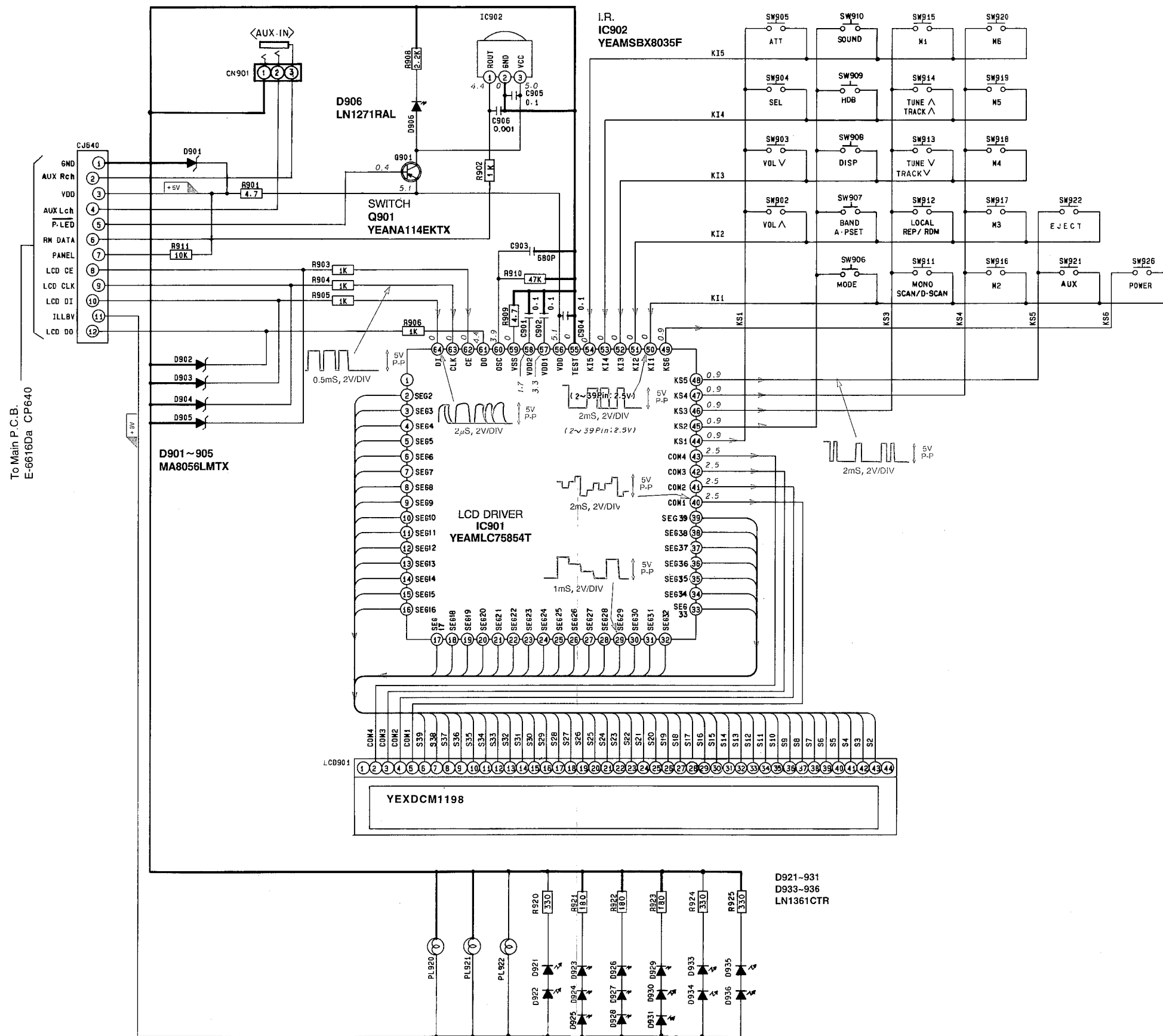
Q901	
B	0.4 V
C	5.0 V
E	5.1 V



- <Switches >
- SW902 : VOL ^ Switch
 - SW903 : VOL v Switch
 - SW904 : SEL Switch
 - SW905 : ATT Switch
 - SW906 : CD Switch
 - SW907 : A.PSET Switch
 - SW908 : DISP Switch
 - SW909 : AM Switch
 - SW910 : FM Switch
 - SW911 : MONO/SCAN Switch
 - SW912 : LOC/REP/RDM Switch
 - SW913 : TUNE/TRACK v/REW Switch
 - SW914 : TUNE/TRACK ^/FF Switch
 - SW915 : Preset 1 Switch
 - SW916 : Preset 2 Switch
 - SW917 : Preset 3 Switch
 - SW918 : Preset 4 Switch
 - SW919 : Preset 5 Switch
 - SW920 : Preset 6 Switch
 - SW921 : LOUD Switch
 - SW922 : EJECT Switch
 - SW926 : POWER Switch

Removable Face High-Power CD Player / Receiver

SCHEMATIC DIAGRAM (Display Block) MODEL CQ-DP940EUC



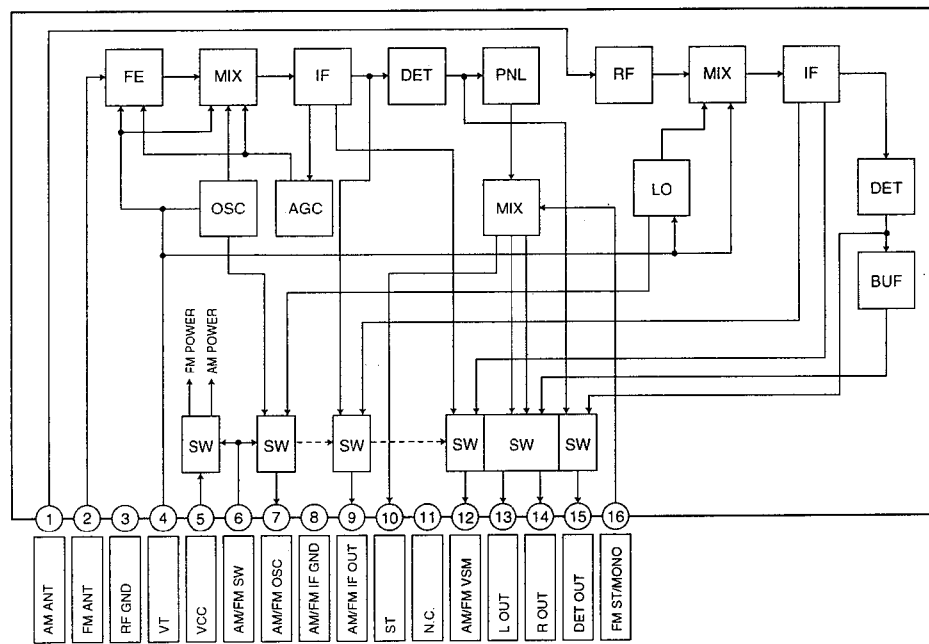
To Main P.C.B.
E-6616Da CP640

Removable Face High-Power CD Player / Receiver

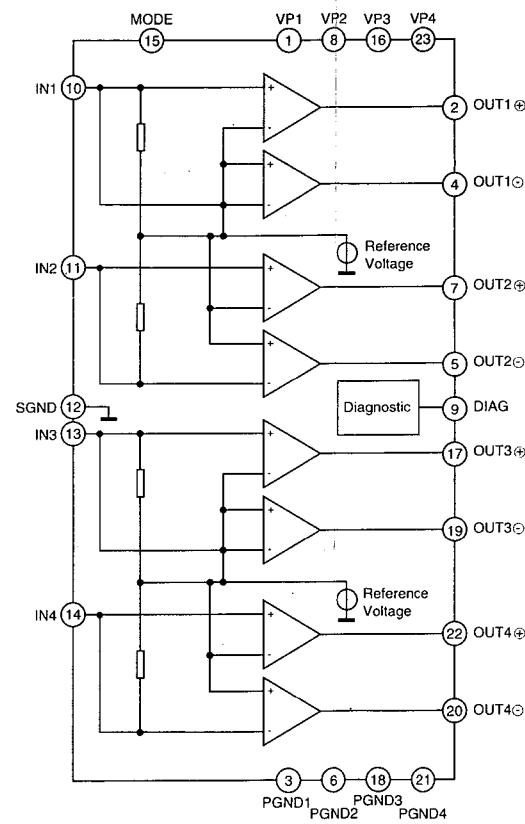
PACKAGE AND IC BLOCK DIAGRAM

<Main Block>

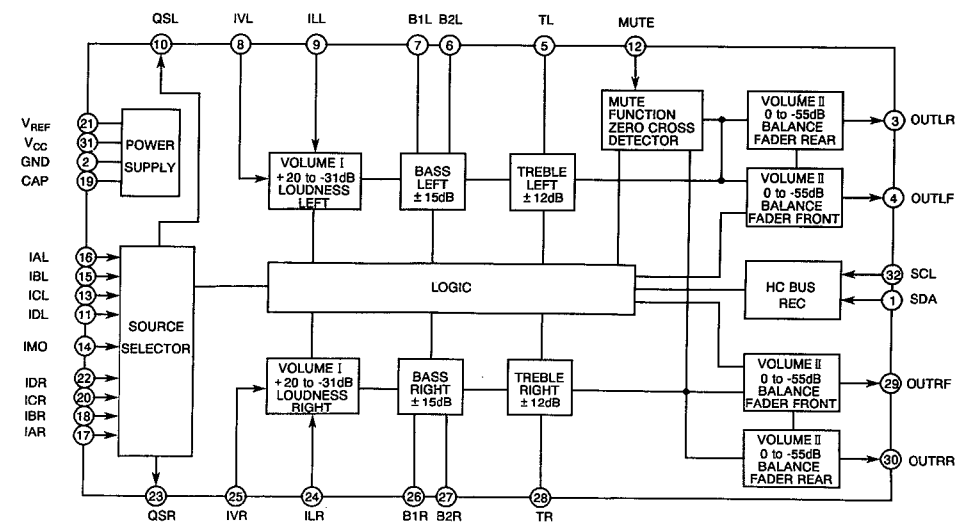
● PA51 YEAU03A52



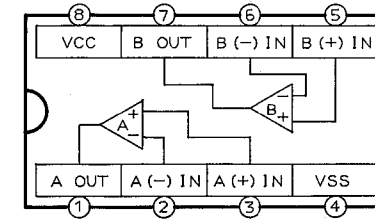
● IC241 YEAMTDA8568Q



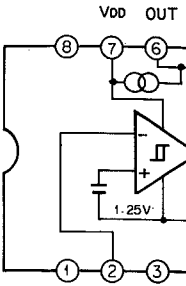
● IC201 YEAMEA6320TT



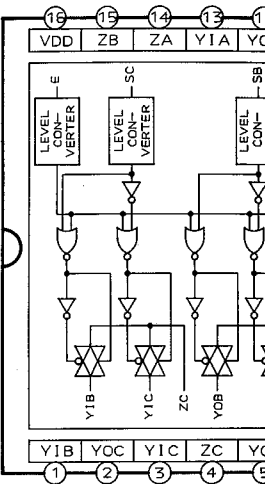
● IC203 YEAMPC4570T1
● IC280 YEAMM5218AFE



● IC701 YEAMM51

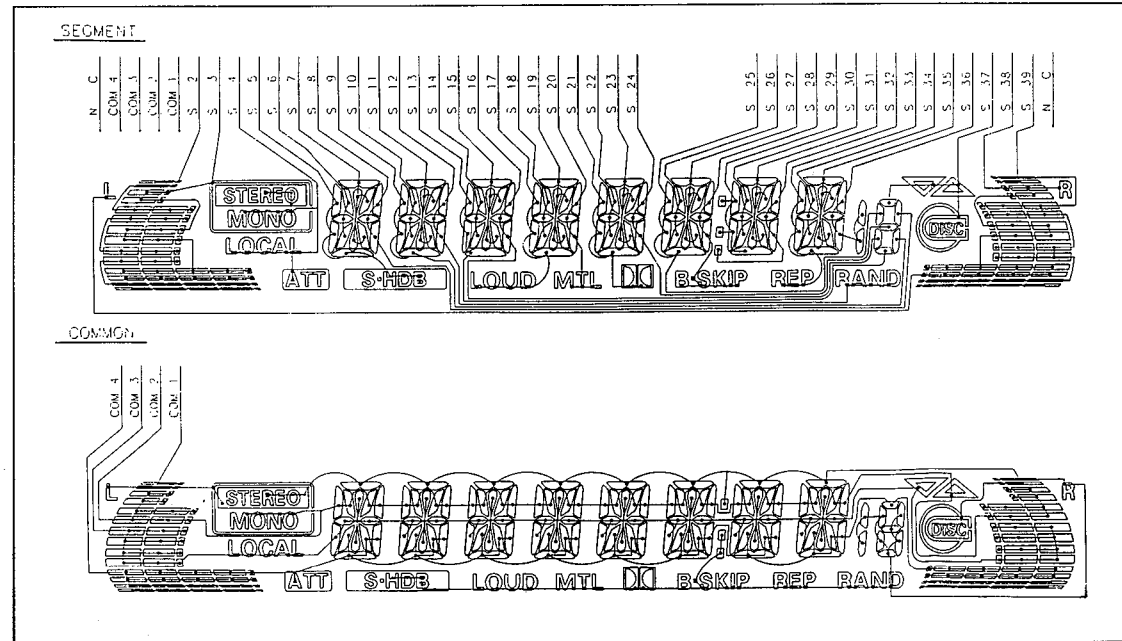


● IC204 YEAMPD

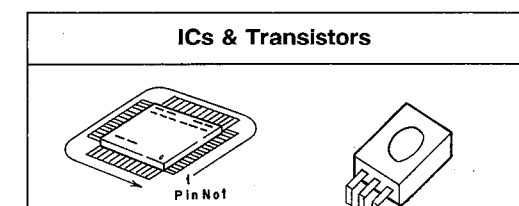
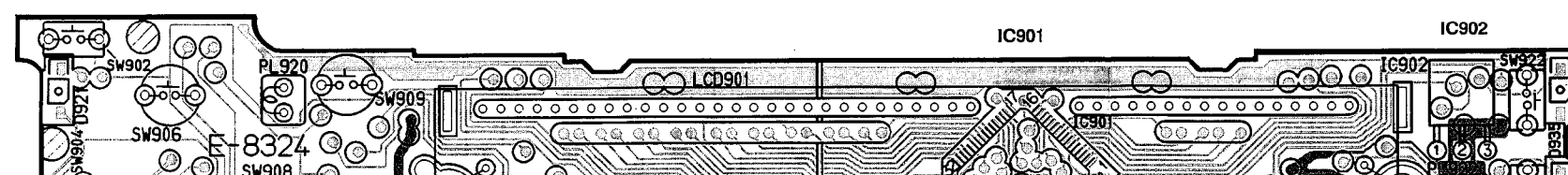


WIRING DIAGRAM (Display Block) MODEL CQ-DP940EUC

<LCD901>

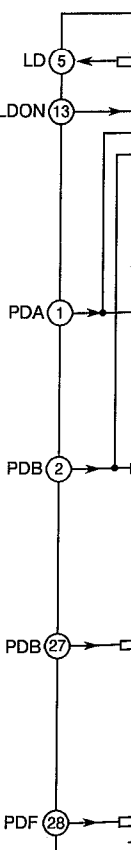


[E-8324]

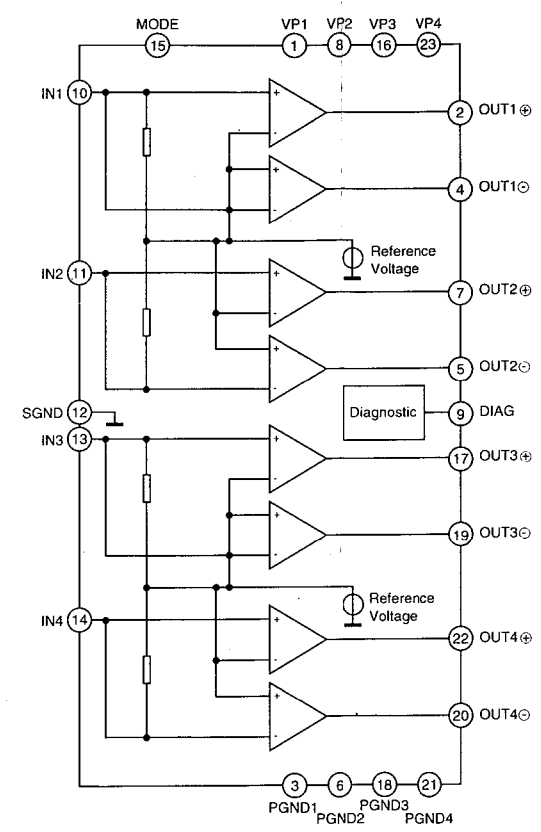


<CD Servo Block>

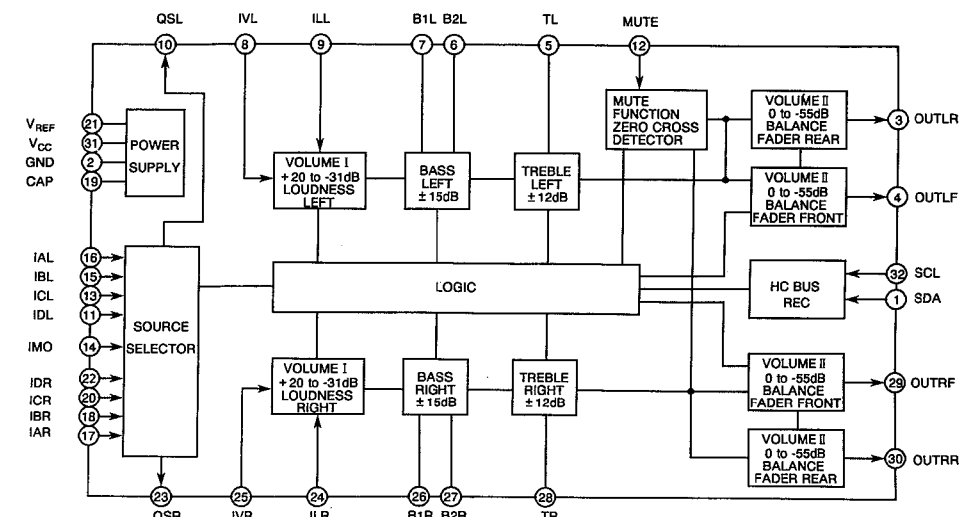
● IC1 AN8835SBE1



● IC241 YEAMTDA8568Q

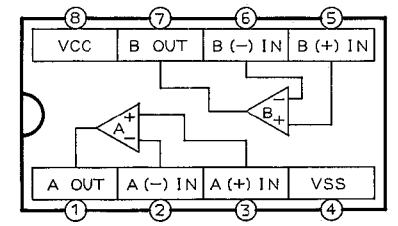


● IC201 YEAMEA6320TT

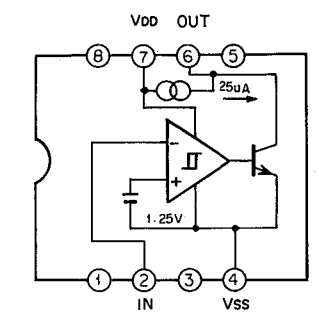


● IC203 YEAMPC4570T1

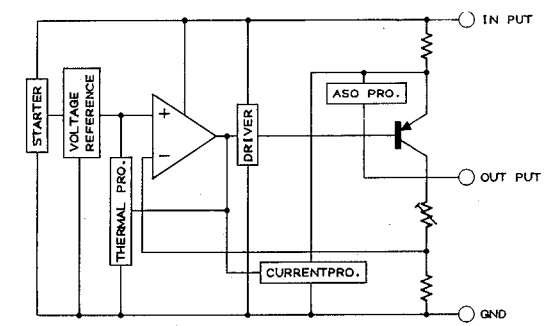
● IC280 YEAMM5218AFE



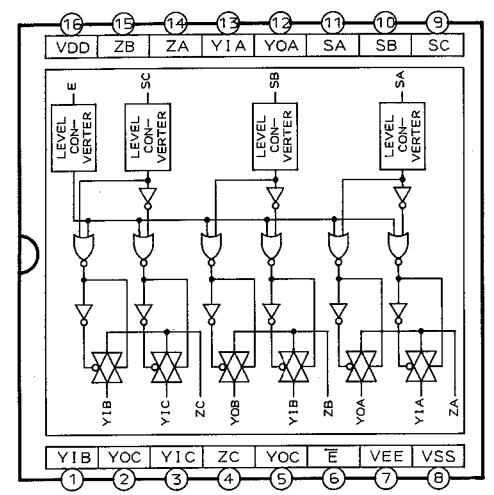
● IC701 YEAMM51945AF



● IC702 YEAMPC2908HF

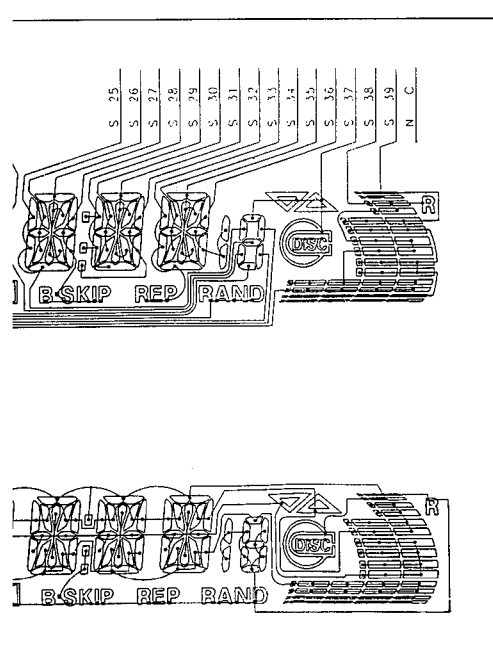
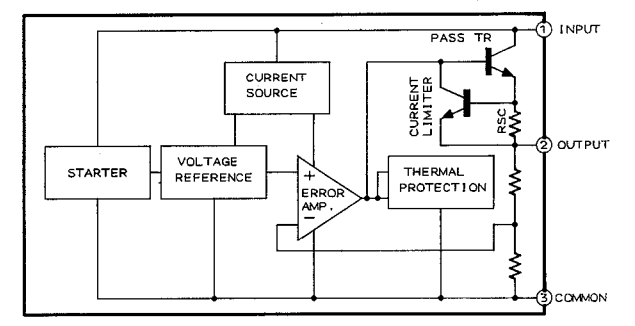


● IC204 YEAMPD4053BG



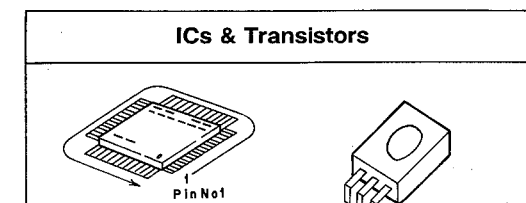
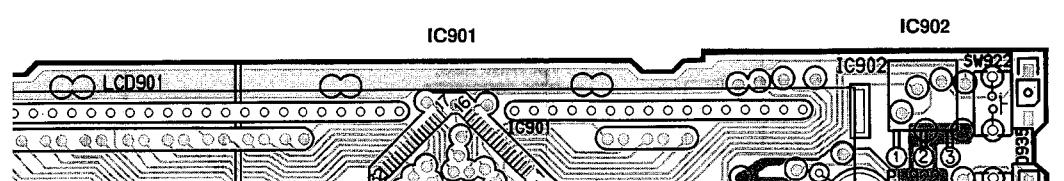
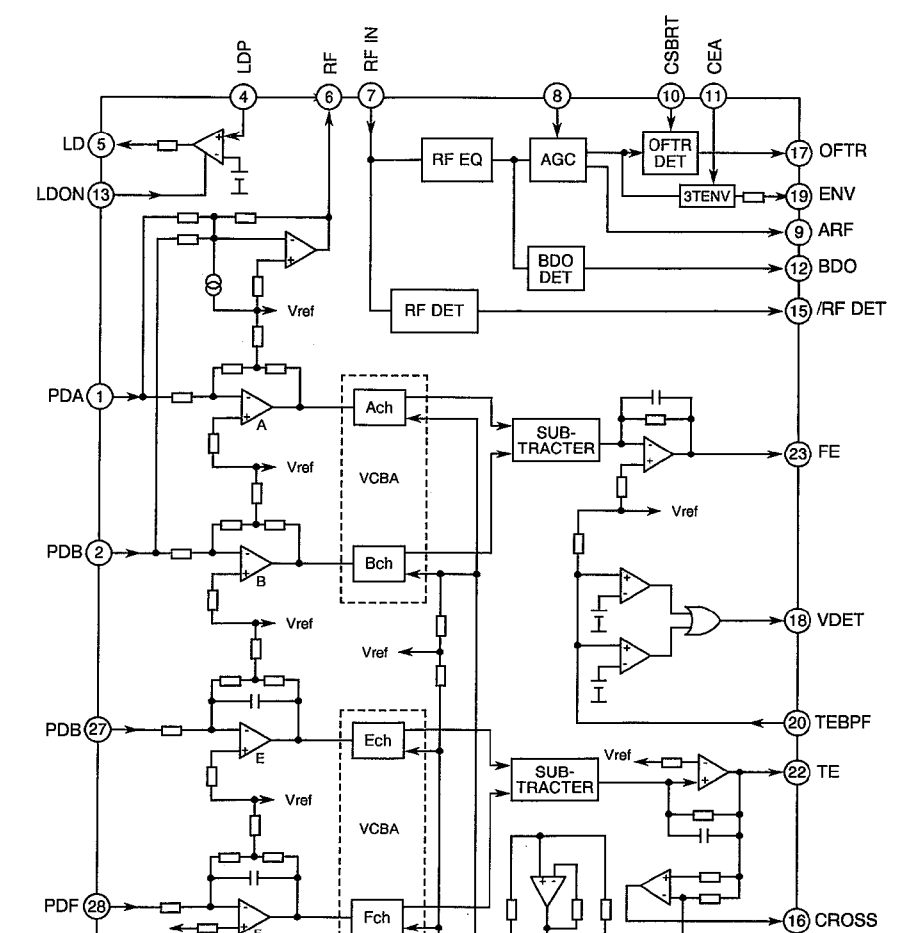
● IC703 AN78N05

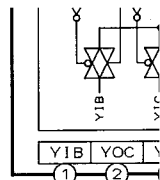
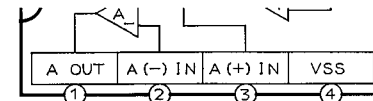
● IC704 YEAMPC78M08A



<CD Servo Block>

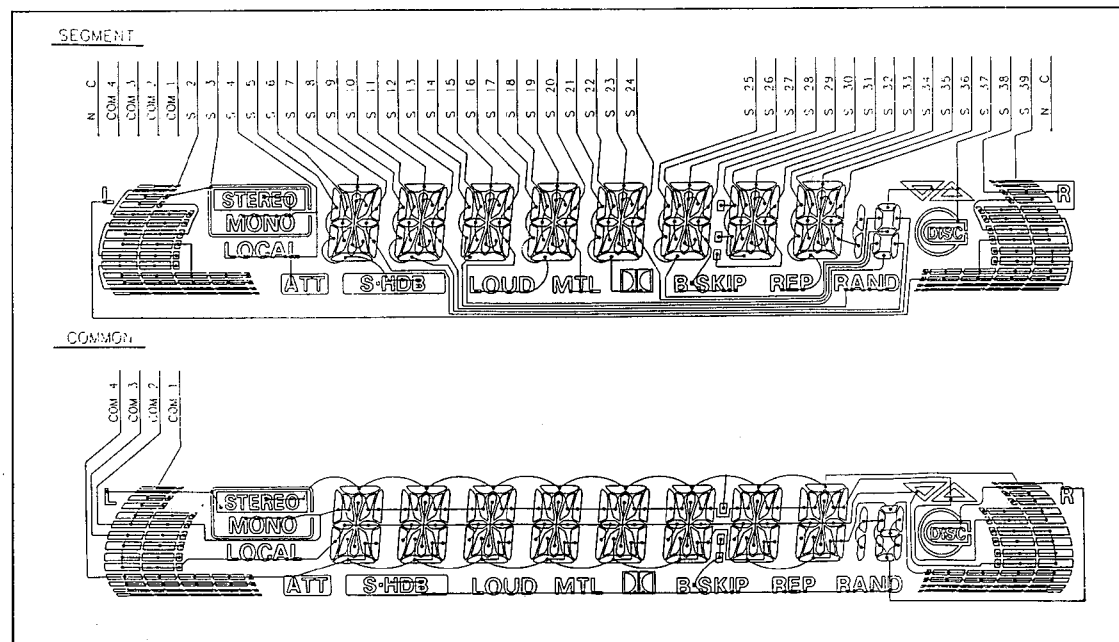
● IC1 AN8835SBE1



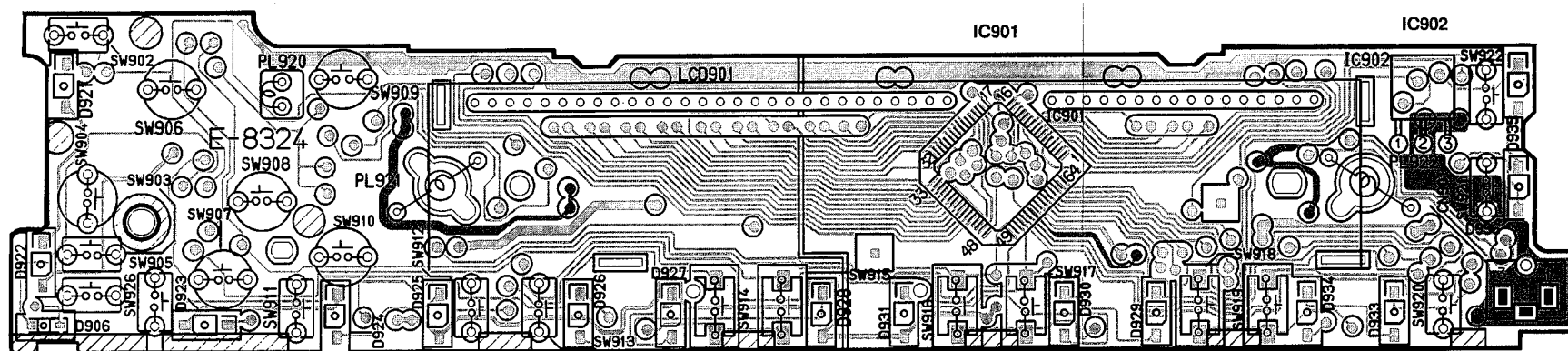


WIRING DIAGRAM (Display Block) MODEL CQ-DP940EUC

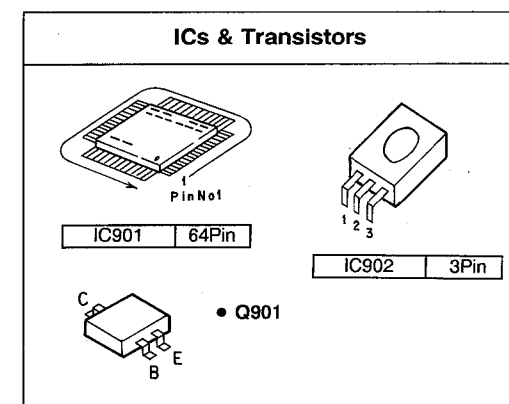
<LCD901>



[E-8324]



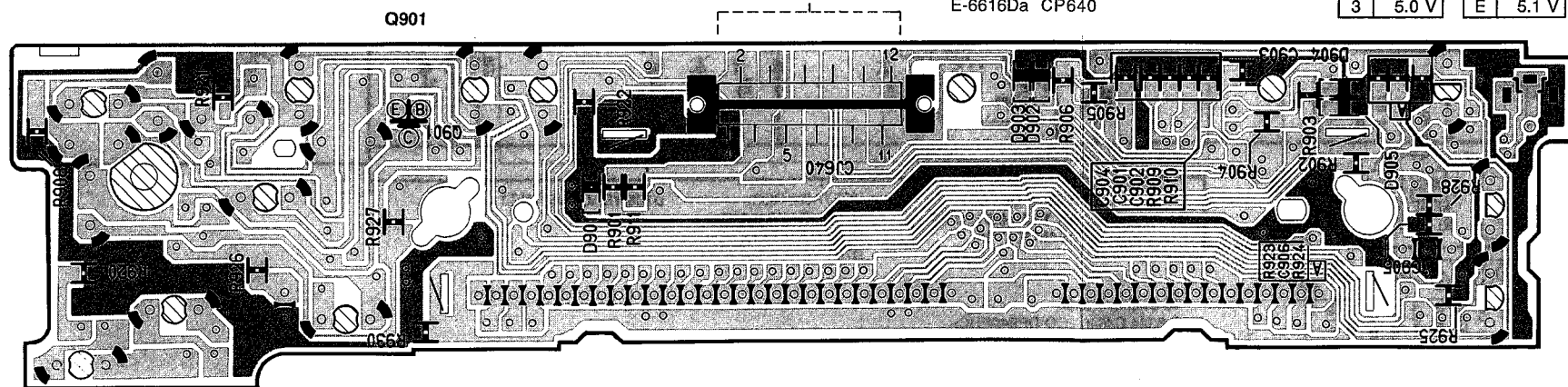
TOP VIEW



IC902		Q901	
1	4.4 V	B	0.4 V
2	0 V	C	5.0 V
3	5.0 V	E	5.1 V

<Switches>

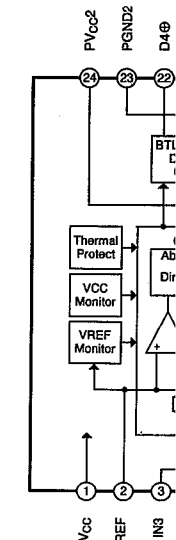
- SW902 : VOL ^ Switch
- SW903 : VOL v Switch
- SW904 : SEL Switch
- SW905 : ATT Switch
- SW906 : MODE Switch
- SW907 : BAND/A.PSET Switch
- SW908 : DISP Switch
- SW909 : HDB Switch
- SW910 : SDM Switch
- SW911 : MONO.LOC/SCAN /D.SCAN Switch
- SW912 : REP/RDM Switch
- SW913 : TUNE/TRACK v Switch
- SW914 : TUNE/TRACK ^ Switch
- SW915 : Preset 1 Switch
- SW916 : Preset 2 Switch
- SW917 : Preset 3 Switch
- SW918 : Preset 4 Switch
- SW919 : Preset 5 Switch
- SW920 : Preset 6 Switch
- SW921 : AUX Switch
- SW922 : EJECT Switch
- SW926 : POWER Switch

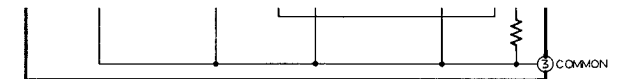
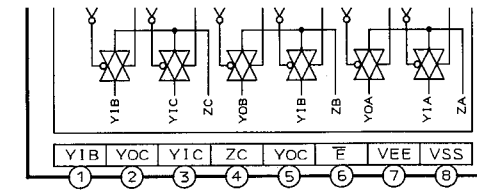
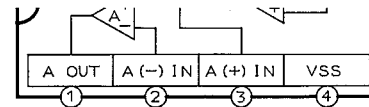


BOTTOM VIEW

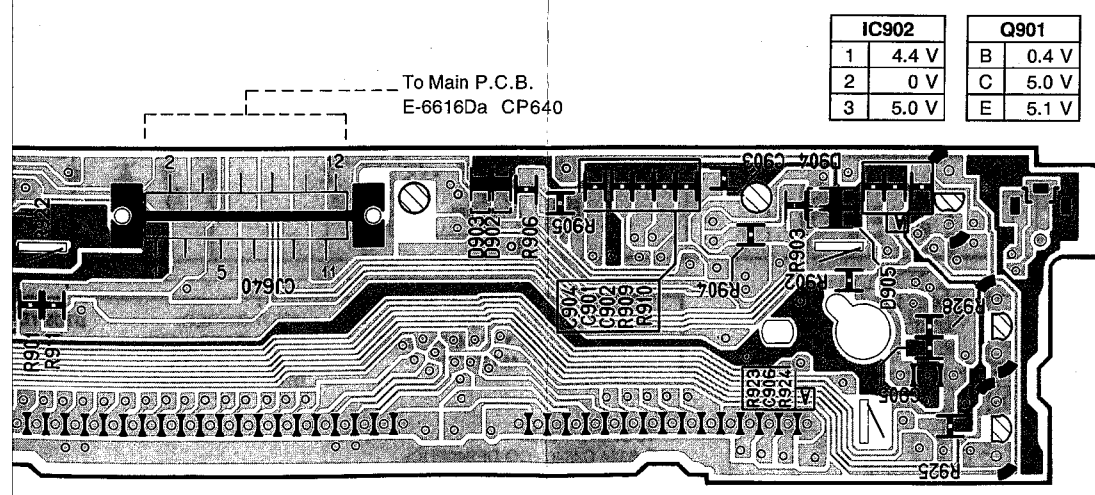
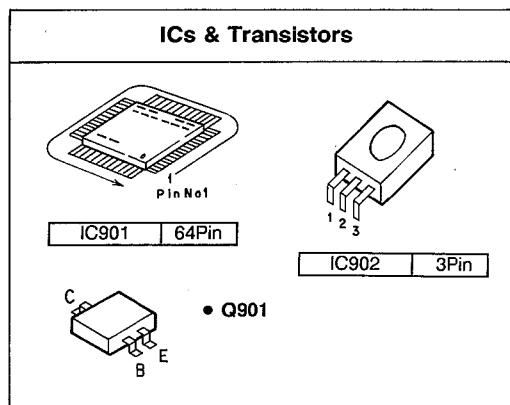
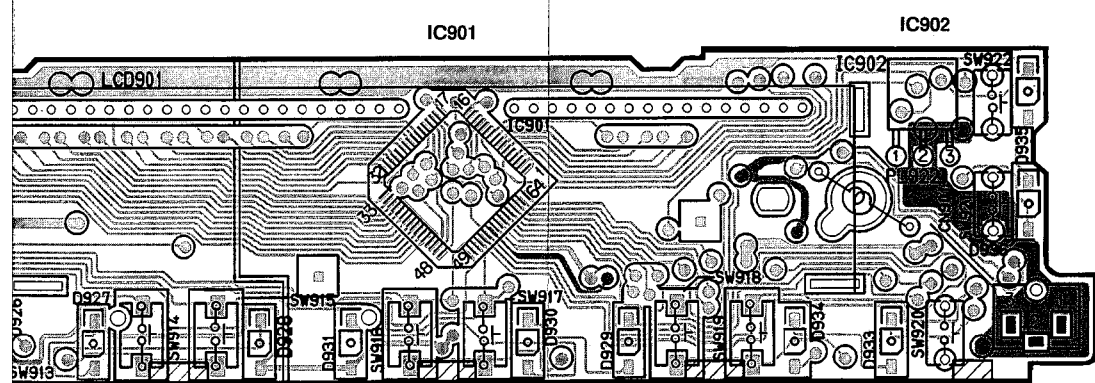
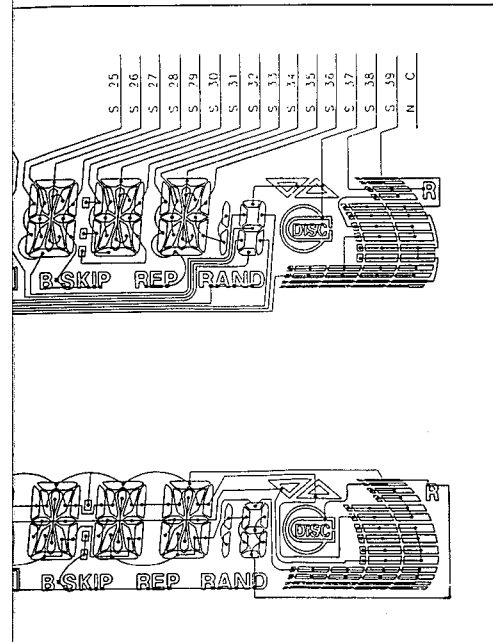
To Main P.C.B.
E-6616Da CP640

• IC3 AN883





Q-DP940EUC

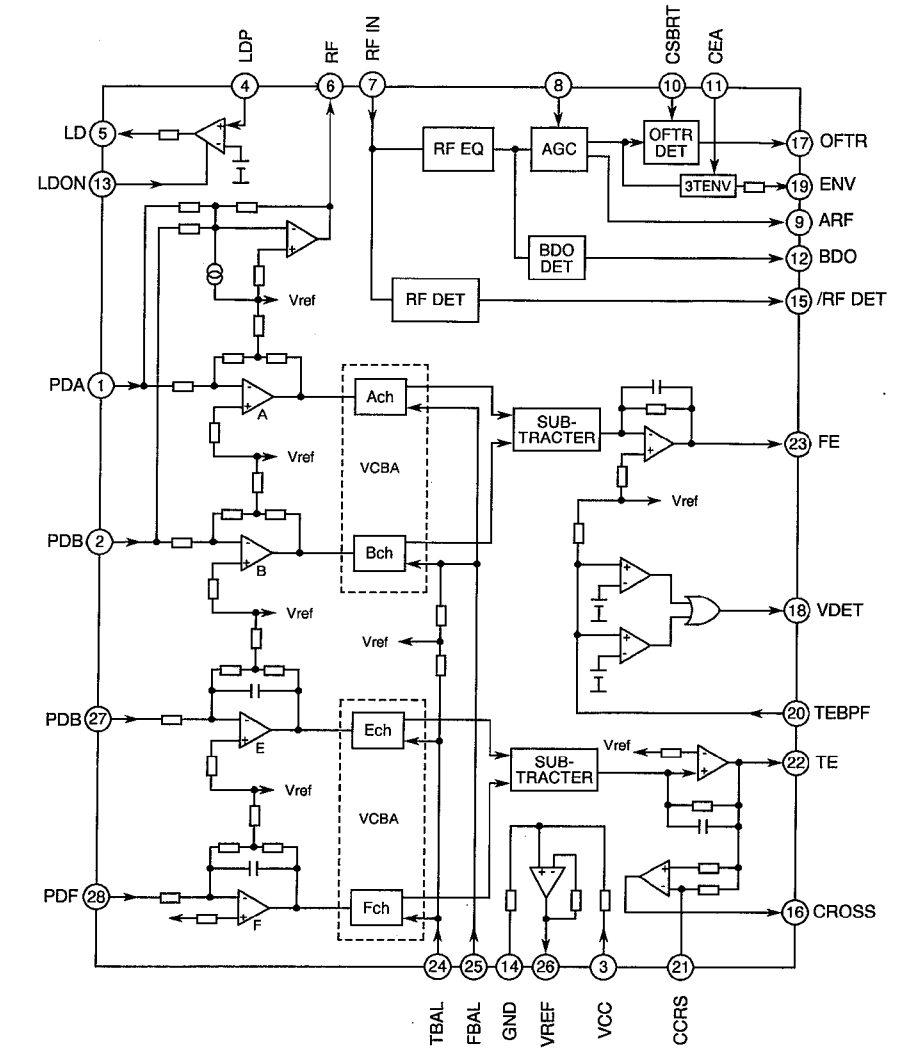


IC902		Q901	
1	4.4 V	B	0.4 V
2	0 V	C	5.0 V
3	5.0 V	E	5.1 V

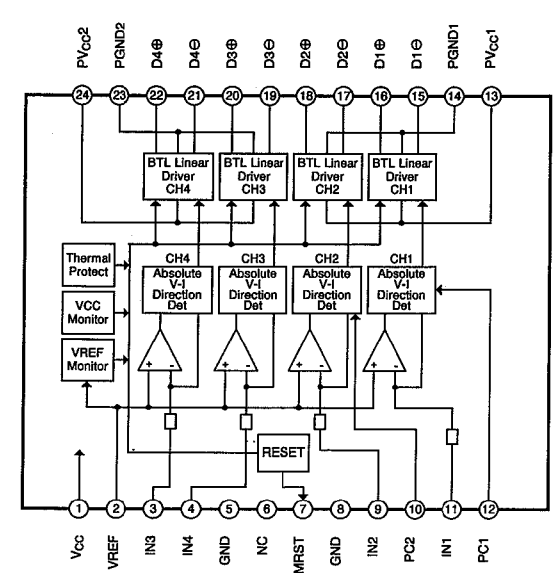
- < Switches >
- SW902 : VOL ^ Switch
 - SW903 : VOL v Switch
 - SW904 : SEL Switch
 - SW905 : ATT Switch
 - SW906 : MODE Switch
 - SW907 : BAND/A.PSET Switch
 - SW908 : DISP Switch
 - SW909 : HDB Switch
 - SW910 : SDM Switch
 - SW911 : MONO.LOC/SCAN /D.SCAN Switch
 - SW912 : REP/RDM Switch
 - SW913 : TUNE/TRACK v Switch
 - SW914 : TUNE/TRACK ^ Switch
 - SW915 : Preset 1 Switch
 - SW916 : Preset 2 Switch
 - SW917 : Preset 3 Switch
 - SW918 : Preset 4 Switch
 - SW919 : Preset 5 Switch
 - SW920 : Preset 6 Switch
 - SW921 : AUX Switch
 - SW922 : EJECT Switch
 - SW926 : POWER Switch

<CD Servo Block>

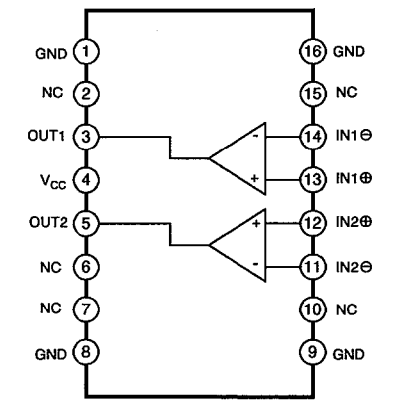
● IC1 AN8835SBE1



● IC3 AN8389SE1

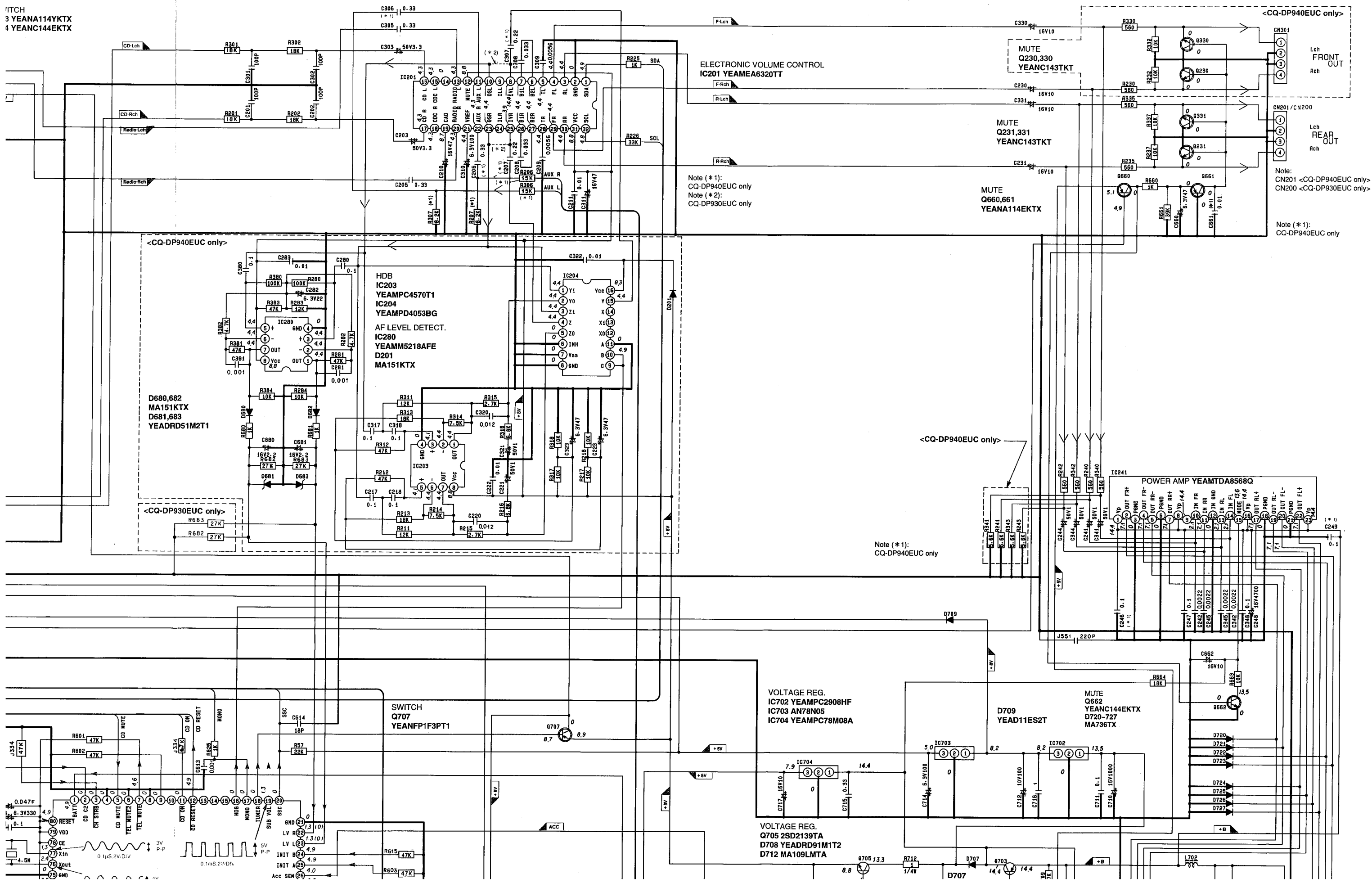


● IC5, 6 TCA0372DM2R



DELS CQ-DP930/940EUC

ITCH
3 YEANA114YKTX
4 YEANC144EKT



ELECTRONIC VOLUME CONTROL
IC201 YEAMEA6320TT

Note (*1):
CQ-DP940EUC only
Note (*2):
CQ-DP930EUC only

MUTE
Q660,661
YEANA114EKT

Note (*1):
CN201 <CQ-DP940EUC only>
CN200 <CQ-DP930EUC only>

<CQ-DP940EUC only>

D680,682
MA151KTX
D681,683
YEARD51M2T1

HDB
IC203
YEAMPC4570T1
IC204
YEAMPD4053BG
AF LEVEL DETECT.
IC280
YEAMM5218AFE
D201
MA151KTX

<CQ-DP940EUC only>

Note (*1):
CQ-DP940EUC only

POWER AMP
IC241
YEAMTDA8568Q

VOLTAGE REG.
IC702 YEAMPC2908HF
IC703 AN78N05
IC704 YEAMPC78M08A

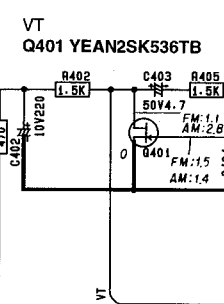
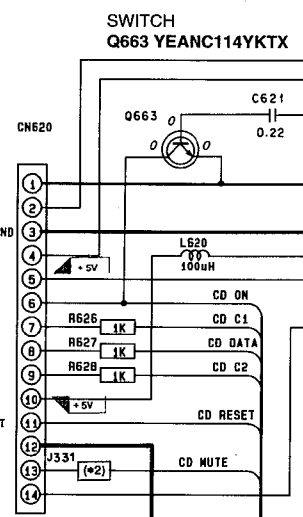
MUTE
Q662
YEANC144EKT
D720-727
MA736TX

VOLTAGE REG.
Q705 2SD2139TA
D708 YEARD91M1T2
D712 MA109LMTA

SWITCH
Q707
YEANFP1F3PT1

D709
YEAD11ES2T

To CD Servo P.C.B.
RUB1639A CN2



<CQ-DP940EUC only>

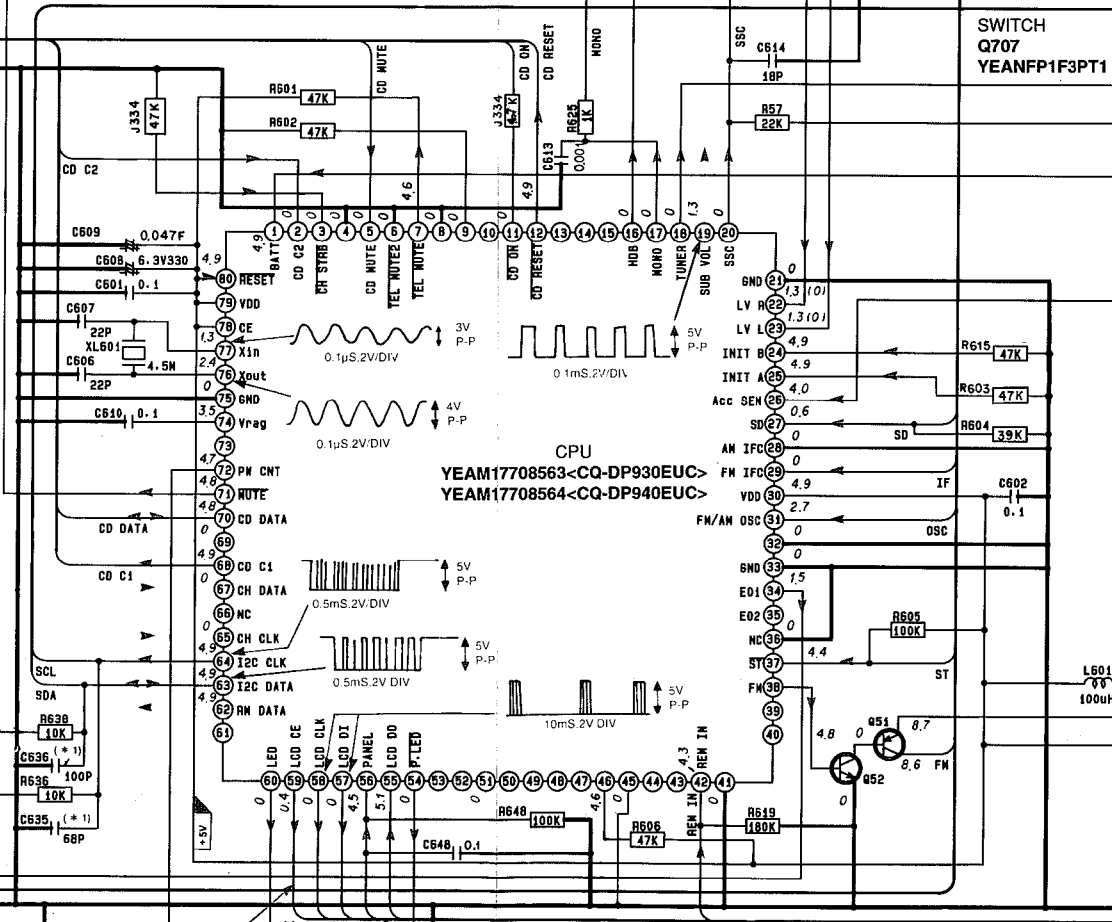
D680,682
MA151KTX
D681,683
YEADRD51M2T1

<CQ-DP930EUC only>

YEAMPD4053BG
AF LEVEL DETECT.
IC280
YEAMM5218AFE
D201
MA151KTX

<CQ-DP940EUC only>

Note (*1):
CQ-DP940EUC only



SWITCH
Q51 YEANA114YKTX
Q52 YEANC114YKTX
D704, 710 MA721TX

Note (*1):
CQ-DP940EUC only

VOLTAGE REG.
IC702 YEAMPC2908HF
IC703 AN78N05
IC704 YEAMPC78M08A

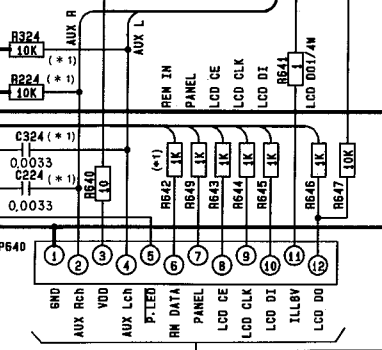
VOLTAGE REG.
Q705 2SD2139TA
D708 YEADRD91M1T2
D712 MA109LMTA

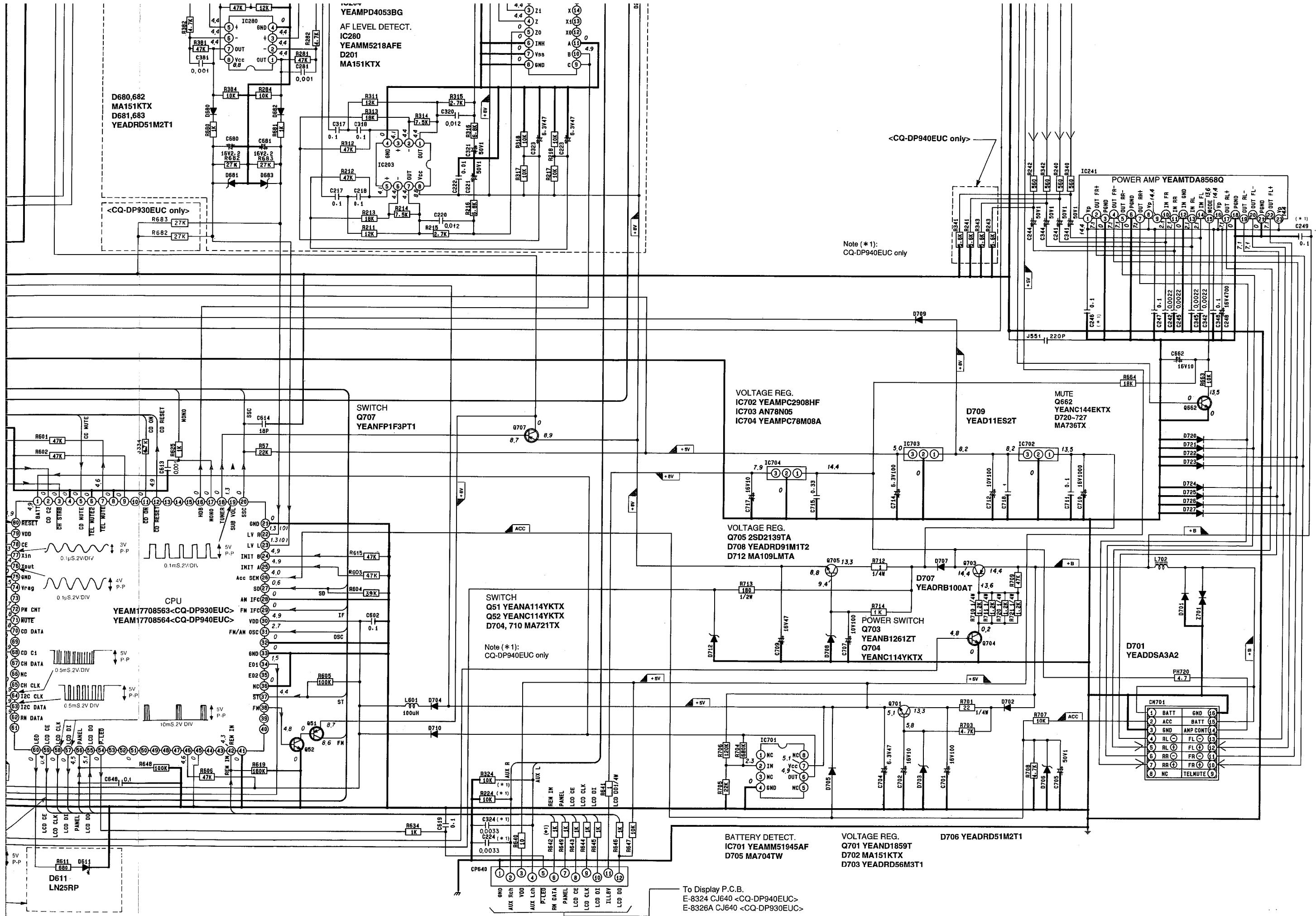
POWER SWITCH
Q703
YEANB1261ZT
Q704
YEANC114YKTX

BATTERY DETECT.
IC701 YEAMM51945AF
D705 MA704TW

VOLTAGE REG.
Q701 YEAND1859T
D702 MA151KTX
D703 YEADRD56M3T1

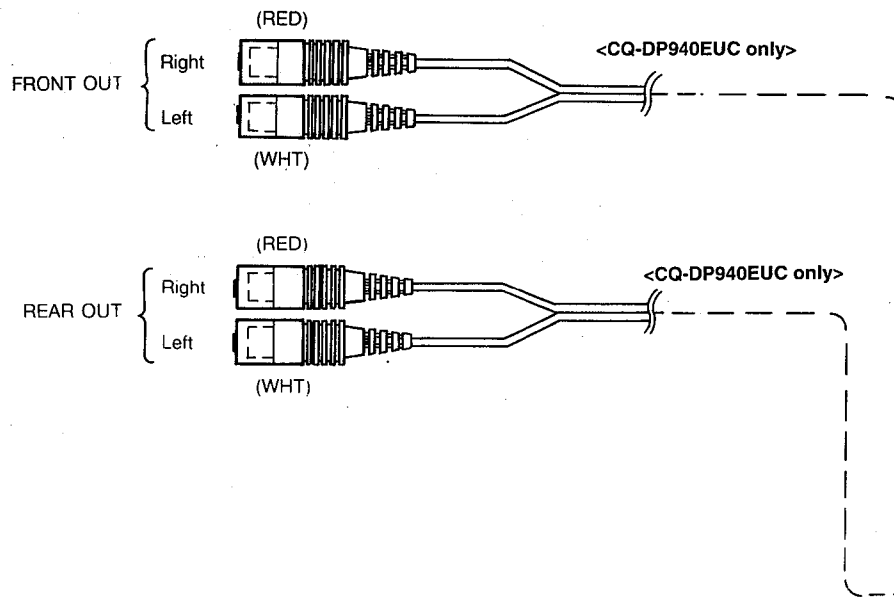
To Display P.C.B.
E-8324 CJ640 <CQ-DP940EUC>
E-8326A CJ640 <CQ-DP930EUC>





Removable Face High-Power CD Player / Receiver

WIRING DIAGRAM (Main Block) MODELS CQ-DP930/940EUC



[E-6616Da]

PA51

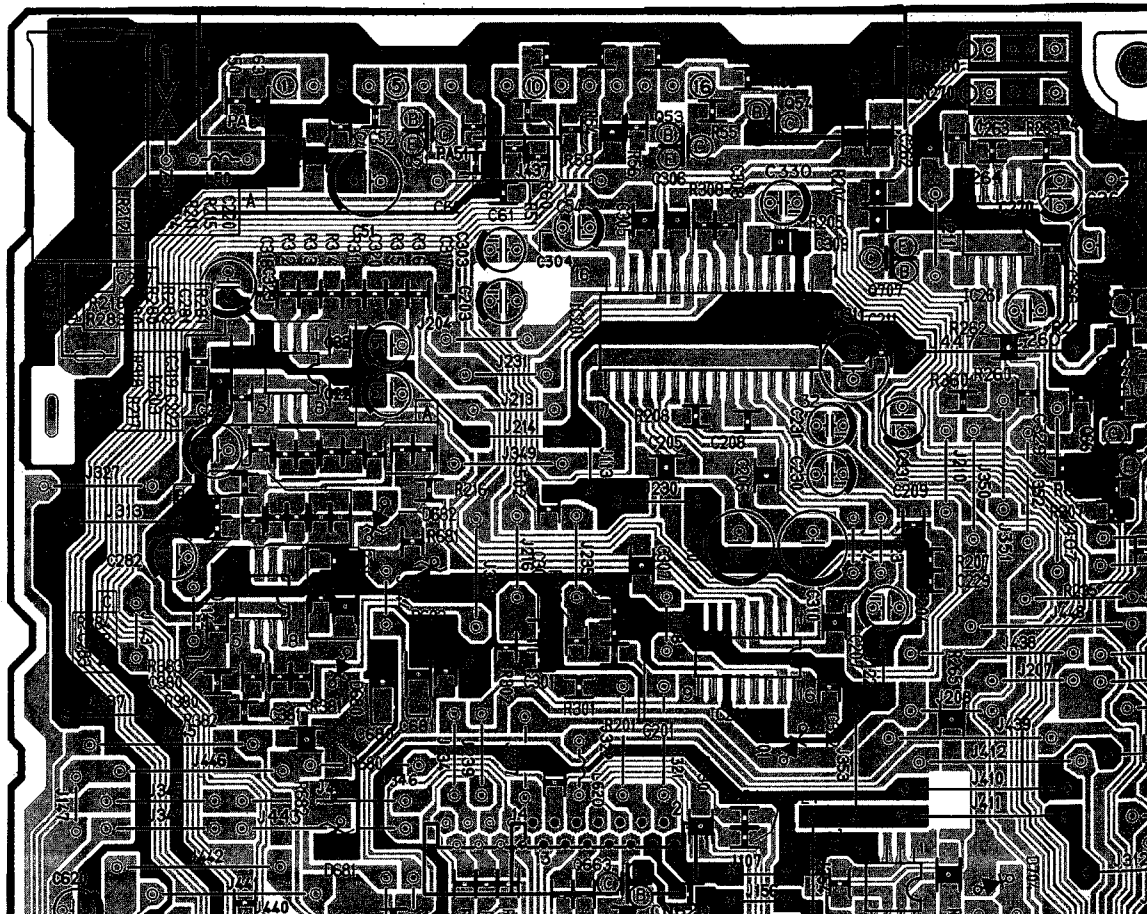
Q51

Q707
IC201
IC203

IC204

Q663

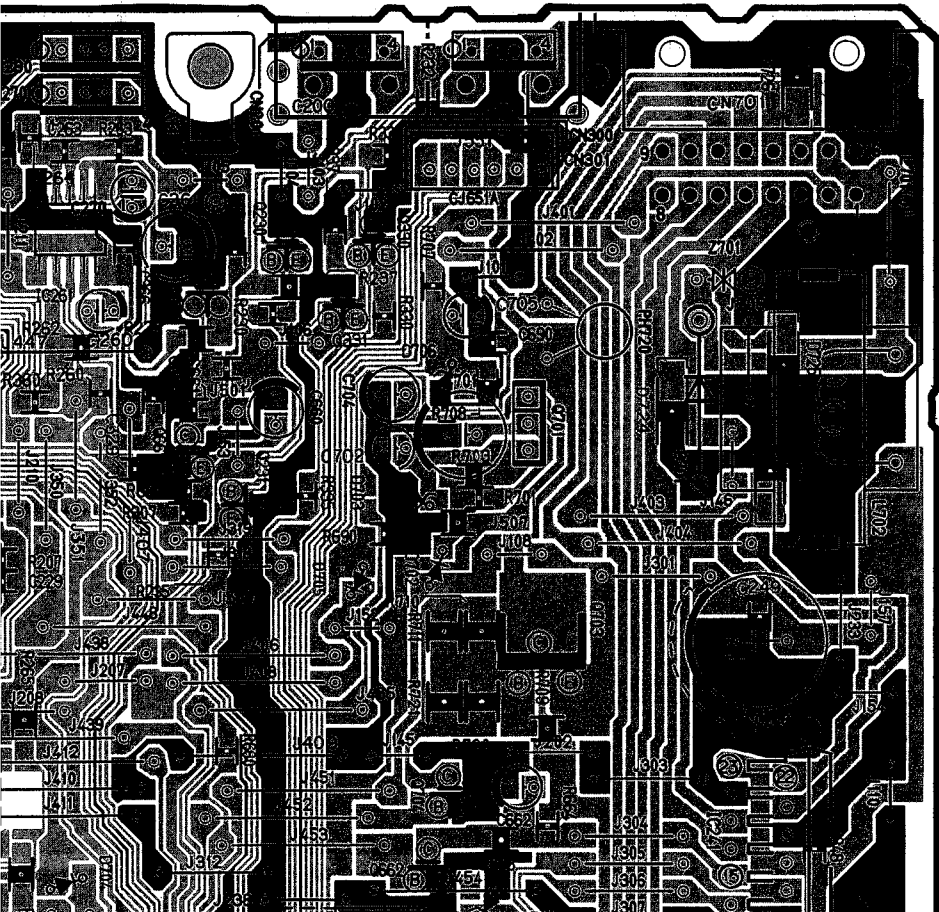
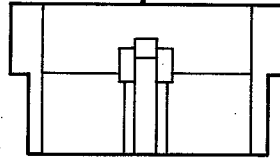
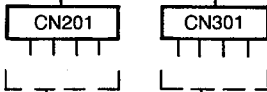
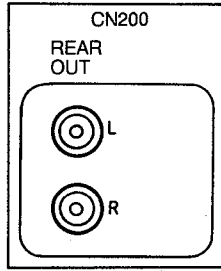
Q401
Q52



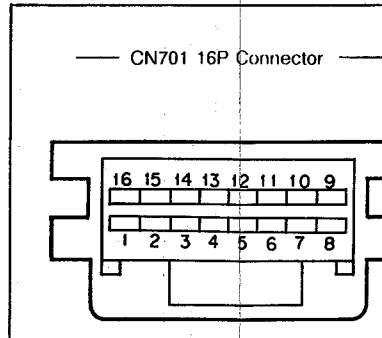
	B	C	E
Q51	0	8.6	8.7
Q52	4.8	0	0
Q53	8.2	1.8	8.7
Q54	1.8	3.5	0
Q230	0	0	0
Q231	0	0	0
Q330	0	0	0
Q331	0	0	0
Q660	4.9	0	5.1
Q661	0	0	0
Q662	0	13.5	0
Q663	0	0	0
Q701	5.8	13.3	5.1
Q703	13.6	14.4	14.4
Q704	4.8	0.2	0
Q705	9.4	13.3	8.8
Q707	8.7	0	8.9

	G	D	S
Q401 FM	1.5	1.1	0
Q401 AM	1.4	2.8	0

<CQ-DP930EUC only>



- Q230
- Q330
- Q331
- Q701
- Q661
- Q231



Q703

ICs & Transistors

Pin Not

IC201	32Pin
IC203	8Pin
IC204	16Pin
IC280	8Pin
IC701	8Pin

- Q704
- IC241
- Q662
- IC701

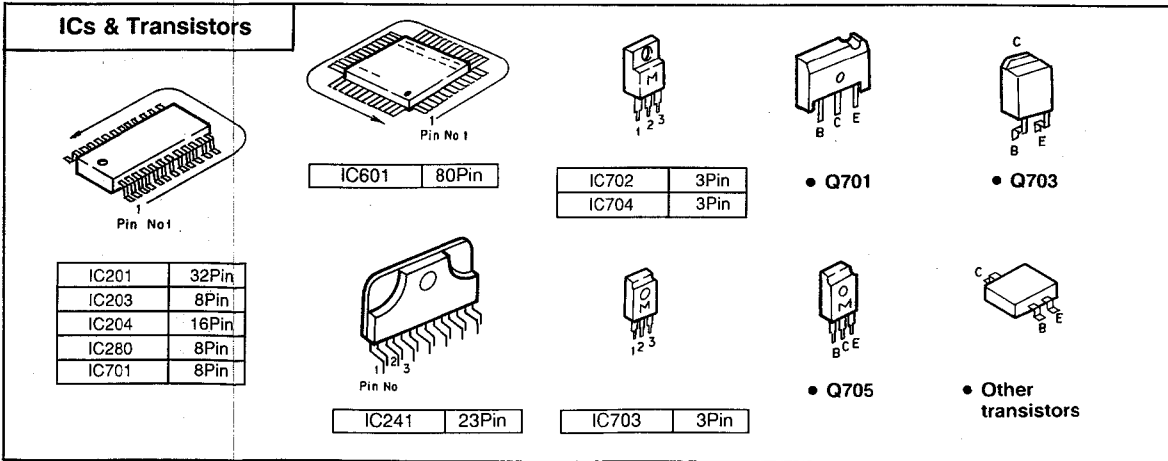
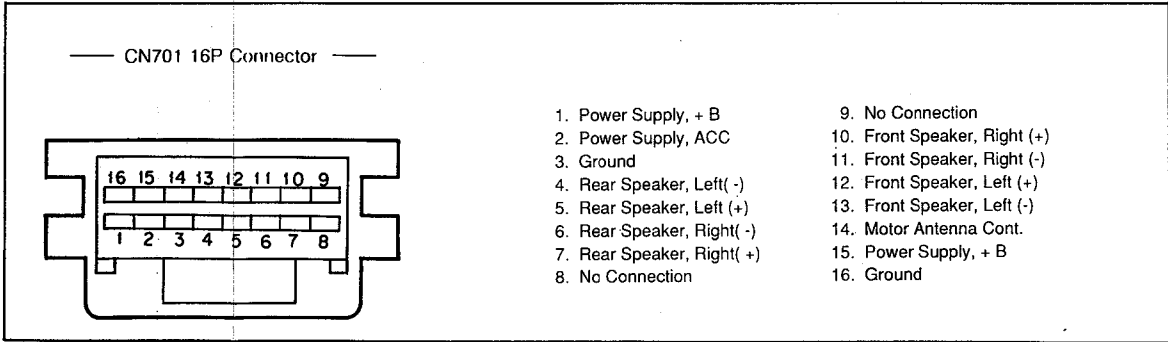
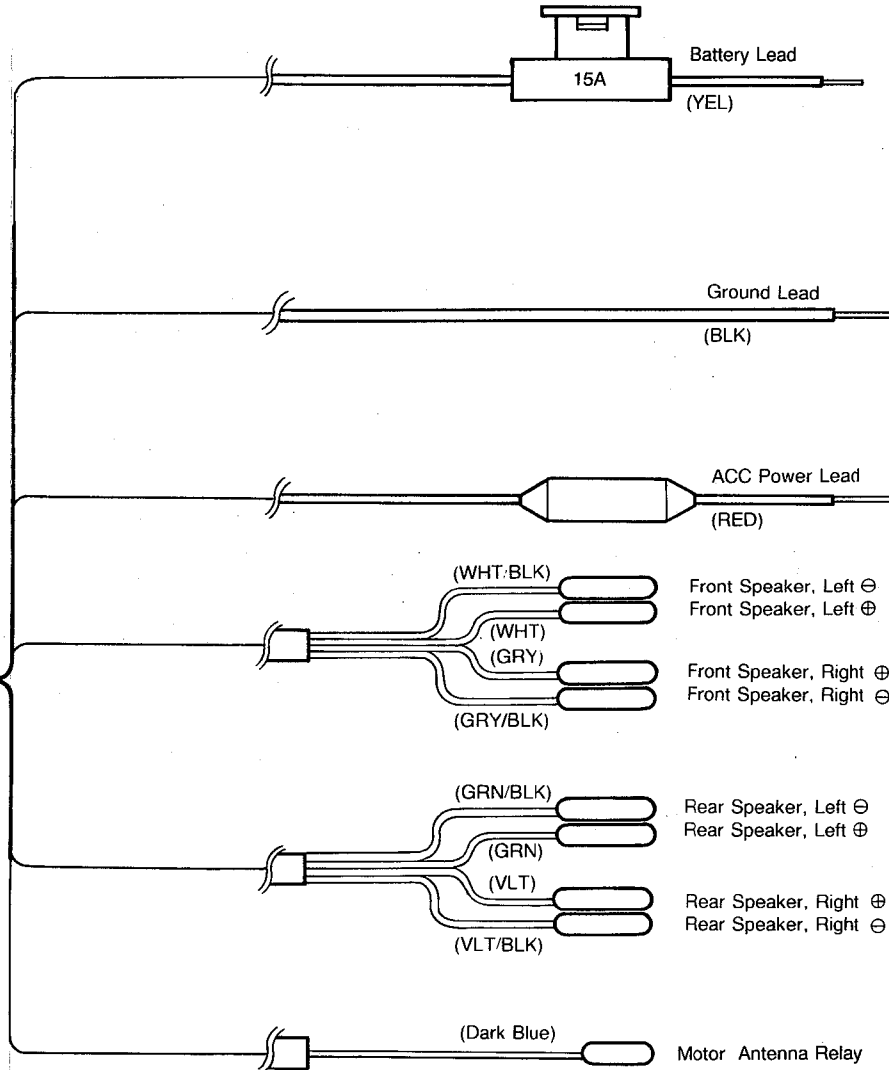
Q705

Q660

Pin	IC203	IC204	IC241	IC280	IC701
1	4.4	4.4	14.4	4.8	

	C	E
	8.6	8.7
	0	0
	1.8	8.7
	3.5	0
	0	0
	0	0
	0	0
	0	5.1
	0	0
	13.5	0
	0	0
	13.3	5.1
	14.4	14.4
	0.2	0
	13.3	8.8
	0	8.9

	D	S
	1.1	0
	2.8	0



Pin	IC203	IC204	IC241	IC280	IC701	IC702	IC703	IC704	PA51
1	4.4	4.4	14.4	4.8	—	13.5	8.2	14.4	0

Pin	IC201		
1	4.9	17	4.3

[E-6616Da]

PA51

Q51

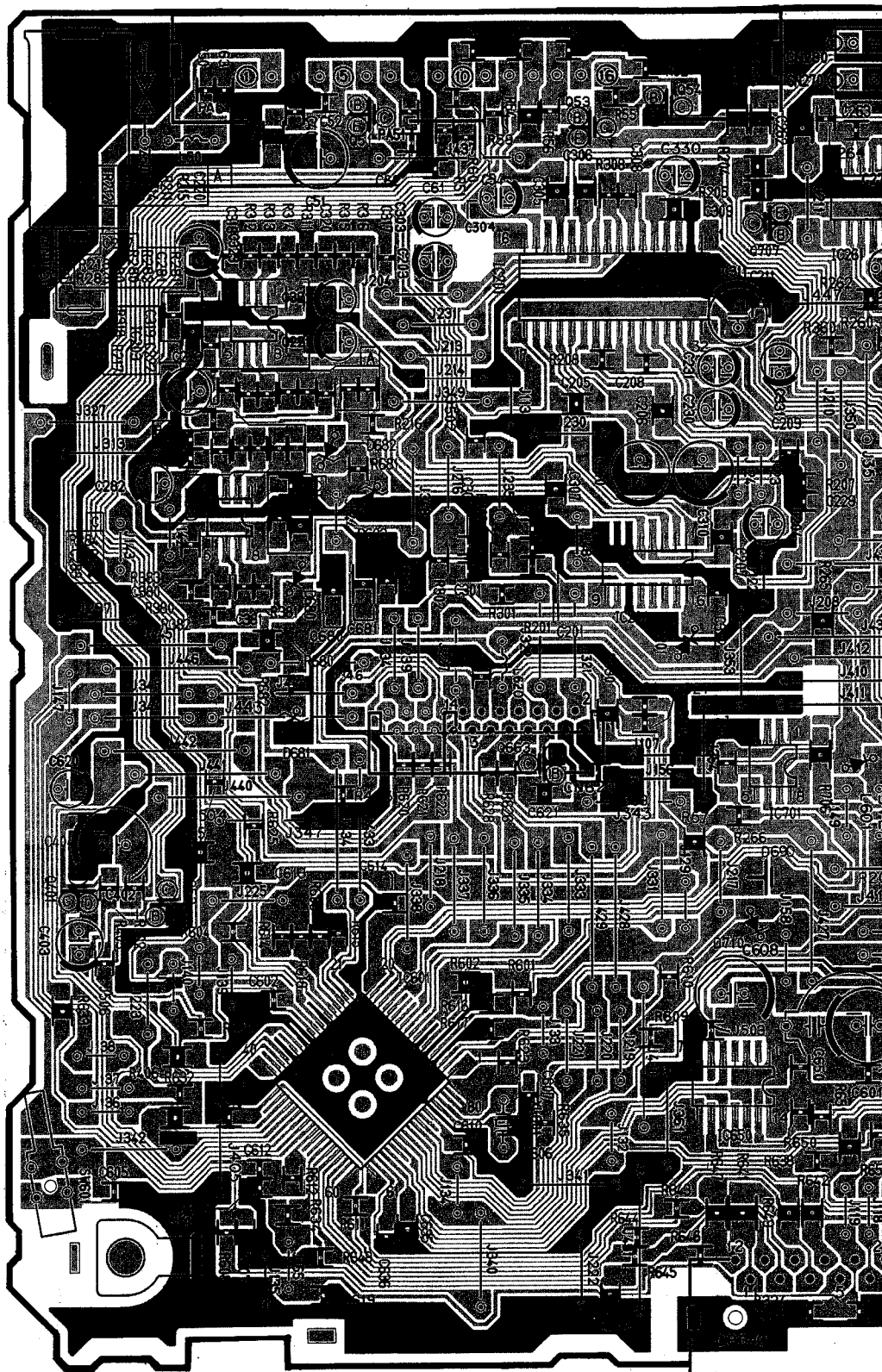
Q707
IC201
IC203

IC204

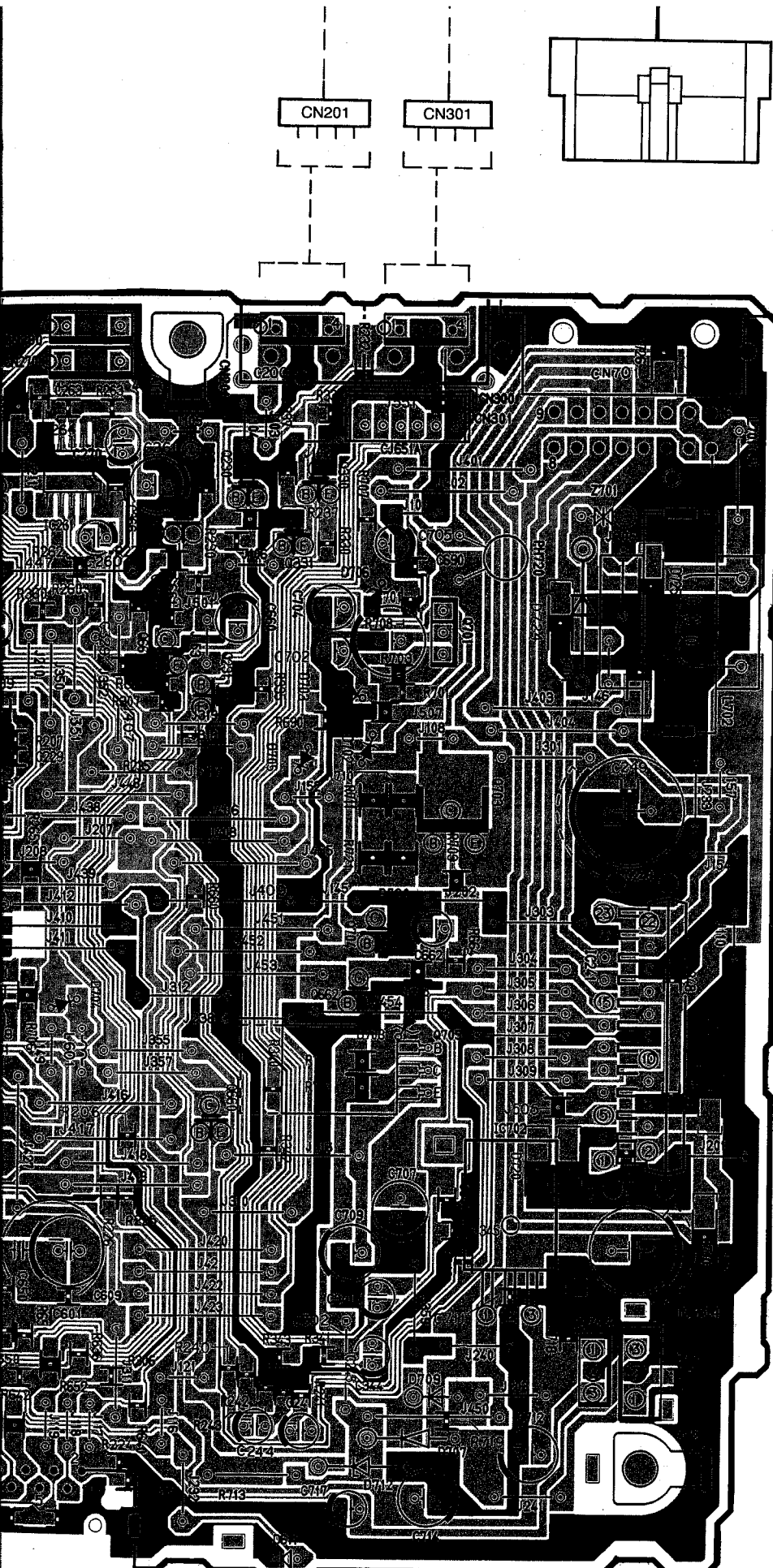
Q663

Q401
Q52

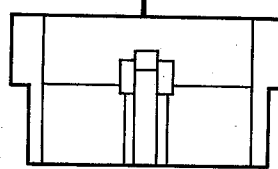
IC601



To CD Servo P.C.B.
RJB1639A CN2



CN201 CN301



Q230
Q330
Q331
Q701
Q661
Q231

Q703

Q704
IC241
Q662
IC701

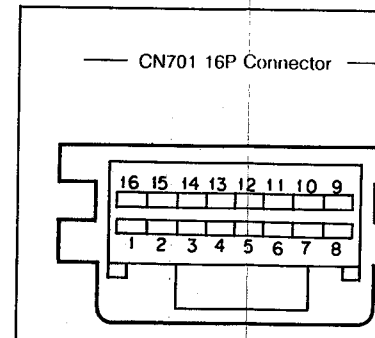
Q705

Q660

IC702

IC650

IC703
IC704

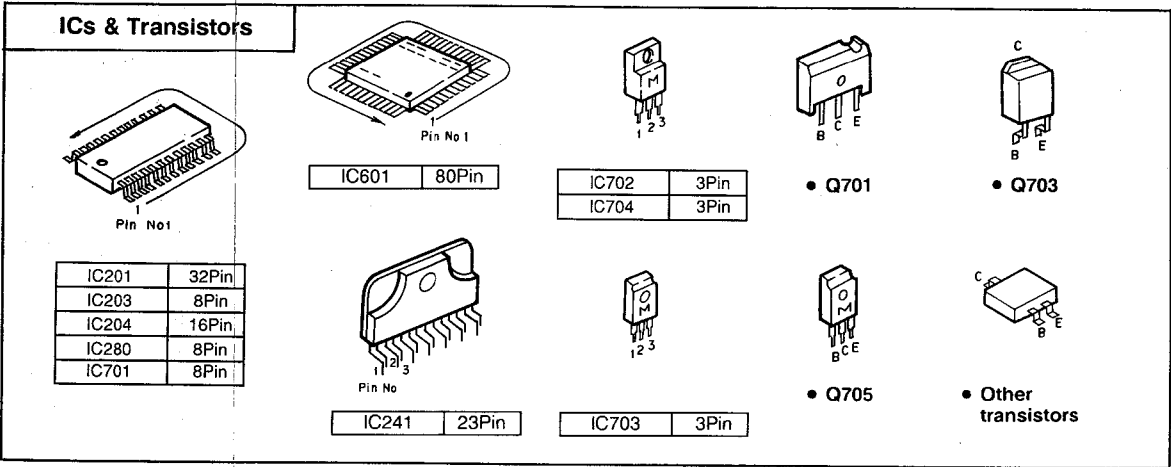
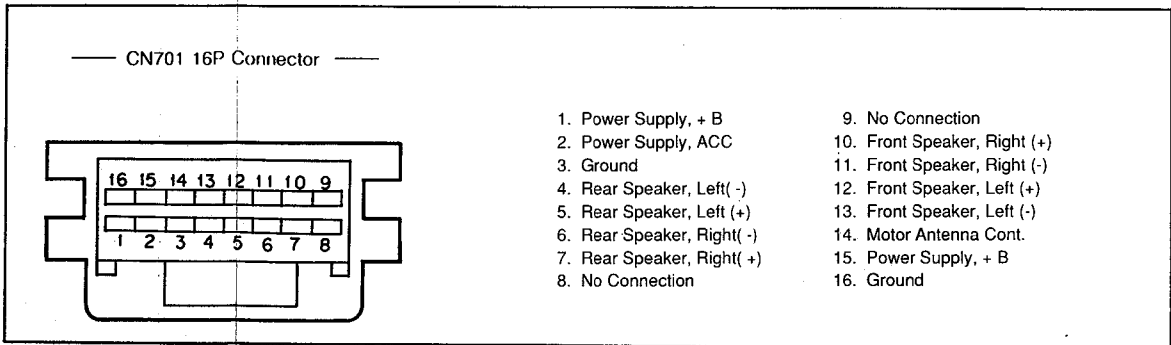
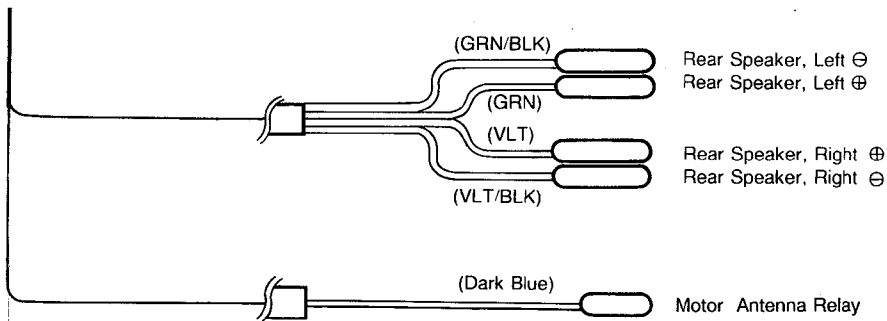


ICs & Transistors

IC201	32Pin
IC203	8Pin
IC204	16Pin
IC280	8Pin
IC701	8Pin

Pin	IC203	IC204	IC241	IC280	IC
1	4.4	4.4	14.4	4.8	
2	4.4	4.4	7.1	4.8	
3	4.1	4.4	0	4.8	
4	0	4.4	7.1	4.8	
5	4.1	0	7.1	0	
6	4.4	0	0	—	
7	4.4	0	7.1	4.2	
8	8.8	0	14.4	1.3	
9		4.9	—	2.0	
10		4.9	2.1	8.8	
11		0	2.1		
12		—	0		
13		—	2.1		
14		—	2.1		
15		4.4	13.6		
16		8.3	14.4		
17			7.1		
18			0		
19			7.1		
20			7.1		
21			0		
22			7.1		
23			14.4		

To Display P.C.B.
E-8326A CJ640 <CQ-DP930EUC>
E-8324 CJ640 <CQ-DP940EUC>



Pin	IC203	IC204	IC241	IC280	IC701	IC702	IC703	IC704	PA51
1	4.4	4.4	14.4	4.8	—	13.5	8.2	14.4	0
2	4.4	4.4	7.1	4.8	2.3	0	0	0	0
3	4.1	4.4	0	4.8	—	8.2	5.0	7.9	0
4	0	4.4	7.1	4.8	0				1.1
5	4.1	0	7.1	0	—				8.6
6	4.4	0	0	—	4.9				8.5
7	4.4	0	7.1	4.2	5.1				2.7
8	8.8	0	14.4	1.3	—				0
9		4.9	—	2.0					0
10		4.9	2.1	8.8					4.4
11		0	2.1						—
12		—	0						0.7
13		—	2.1						3.4
14		—	2.1						3.4
15		4.4	13.6						4.0
16		8.3	14.4						3.5
17			7.1						
18			0						
19			7.1						
20			7.1						
21			0						
22			7.1						
23			14.4						

Pin	IC201		
1	4.9	17	4.3
2	0	18	4.3
3	4.4	19	8.7
4	4.4	20	4.3
5	4.4	21	4.4
6	4.4	22	4.3
7	4.4	23	4.4
8	3.9	24	—
9	—	25	3.9
10	4.4	26	4.4
11	4.3	27	4.4
12	8.3	28	4.4
13	4.3	29	4.4
14	—	30	4.4
15	4.3	31	8.4
16	4.3	32	4.8

TERMINALS DESCRIPTION

< Main Block >

■ IC601 : YEAM17708563 : <CQ-DP930EUC>
YEAM17708564 : <CQ-DP940EUC>

Pin No.	Port	Description	I/O	Vol.(V)
1	BATT	Battery detection	I	4.9
2	CD C2	Communication control	I	0
3	/CH STRB	(Ground pull-down)	I	0
4	—	(Connection to ground)	—	0
5	CD MUTE	CD mute	I	0
6	/TEL MUTE2	(Connection to ground)	—	0
7	/TEL MUTE	(+5V pull-up)	O	4.9
8	—	(Connection to ground)	—	0
9	—	(Ground pull-down)	—	0
10	—	No connection	—	—
11	/CD ON	CD on/off control	O	0
12	/CD RESET	CD reset	O	4.9
13~15	—	No connection	—	—
16	HDB	High Definition Bass (Note 1)	O	0
17	MONO	Mono/ST selecto	O	0
18	TUNER	Radio power control	O	0
19	SUB VOL	Not used	—	—
20	SSC	Serch stop clear	O	0
21	GND	Ground	—	0
22	LV R	Rch level detection	I	(* 1)
23	LV L	Lch level detection	I	(* 1)
24	INIT B	Initial value B	I	0

Pin No.	Port	Description	I/O	Vol.(V)
25	INT A	Initial value A	I	0
26	ACC SEN	ACC detection	I	4.0
27	SD	Field strength	I	0.6
28	AM IFC	(Connecting to ground)	—	0
29	FM IFC	FM IF input	I	0
30	VDD	+5V power supply	I	4.9
31	FM/AM OSC	FM/AM local oscillation	—	2.7
32	—	(Connection to ground)	—	0
33	GND	Ground	—	0
34	EO1	PLL ogase-comp.error	O	1.5
35	EO2	Not used	—	—
36	NC	(Connecting to ground)	—	0
37	/ST	Stereo indicator	I	4.4
38	FM	FM/AM band selection	O	4.8
39,40	—	No connection	—	—
41	—	(Connecting to ground)	—	0
42	REM IN	Remoon data input (Note 1)	I	4.3
43,44	—	No connection	—	—
45	/MS	(Connecting to ground)	—	0
46	BZ IN	(+5V pull-up)	I	4.9
47~50	—	No connection	—	—
51	—	No connection	—	—

Pin No.	Port	Description	I/O	Vol.(V)
52,53	—	No connection	—	—
54	/P.LED	Power LED control	O	0
55	LCD DO	LCD driver data	—	5.1
56	PANEL	Panel detection	I	4.5
57	LCD DI	LCD driver data	O	0
58	LCD CLK	LCD driver clock	O	0
59	LCD CE	LCD driver CE	O	0.4
60	LED	Security LED control	O	0
61	—	No connection	—	—
62	RM DATA	Not used	—	—
63	I2C DATA	Electronic volume cont data	I/O	4.9
64	I2C CLK	Electronic volume cont clock	O	4.9
65	CH CLK	Not used	—	—
66	NC	No connection	—	—
67	CH DATA	Not used	—	—
68	CD C1	Communication control	O	4.9
69	—	—	—	—
70	CD DATA	CD data	I/O	4.8
71	/MUTE	Mute output	O	4.8
72	PW CNT	System power control	O	4.7
73	—	No connection	—	—
74	VREG	Voltage regulator	O	3.5

Pin No.	Port	Description	I/O	Vol.(V)
75	GND	Ground	-	0
76	XOUT	Crystal oscillator	-	2.4
77	XIN	Crystal oscillator	-	1.3
78	CE	(Connecting to VDD)	-	4.9
79	VDD	+5V power supply	-	4.9
80	/RESET	(Connecting to VDD)	-	4.9

Note 1 : CQ-DP940EUC only

Note 2 : Voltage measurements are with respect to ground, with a voltmeter (Internal resistance : 10M ohms).

Note (* 1) :

1.3V : <CQ-DP940EUC>
0V : <CQ-DP930EUC>

< Display Block >

■ IC901 : YEAMLC75853W
<CQ-DP930EUC>

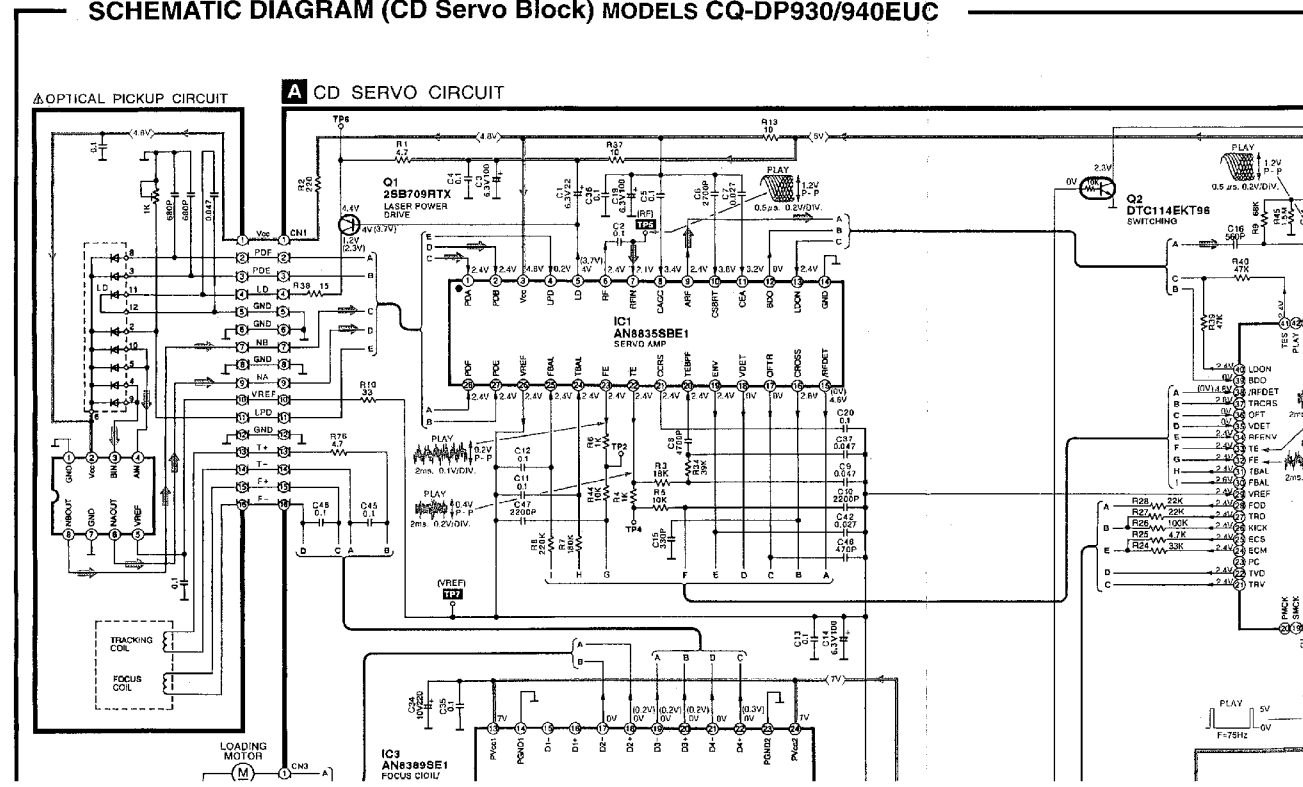
Pin No.	Port	Description	I/O	Vol.(V)
1	—	No connection	-	-
2~28	SEG2~28	LCD segment output	O	2.5
29~40	SEG29~40	No connection	-	-
41~43	COM1~3	LCD common output	O	2.5
44~48	KS1~6	Key scan signal	O	0.9
50~54	KI1~5	Key data input	I	0
55	TEST	(Connecting to ground)	-	0
56	VDD	+5V power supply	-	5.1
57	VDD1	Ground through capacitor	-	3.3
58	VDD2	Ground through capacitor	-	1.7
59	Vss	Ground	-	0
60	OSC	CR oscillator	-	3.9
61	DO	Key data output	O	4.4
62	CE	Chip enable	I	0
63	CLK	LCD clock	I	0
64	DI	LCD data input	I	0

<CD Servo Block>

■ IC4 MB89123-306

Pin No.	Port	Description	I/O	Vol.(V)	Pin No.	Port	Description	I/O	Vol.(V)
1	AVcc	+5V power supply	—	5.0	27	DMUTE	Digital mute	O	5.0

SCHEMATIC DIAGRAM (CD Servo Block) MODELS CQ-DP930/940EUC



< Display Block >

■ IC901 : YEAMLC75854T

<CQ-DP940EUC>

Port	Description	I/O	Vol.(V)
A	Initial value A	I	0
SEN	ACC detection	I	4.0
	Field strength	I	0.6
FC	(Connecting to ground)	—	0
	FM IF input	I	0
M OSC	+5V power supply	—	4.9
	FM/AM local oscillation	I	2.7
	(Connecting to ground)	—	0
	Ground	—	0
	PLL ogase-comp.error	O	1.5
	Not used	—	—
	(Connecting to ground)	—	0
	Stereo indicator	I	4.4
	FM/AM band selection	O	4.8
	No connection	—	—
	(Connecting to ground)	—	0
IN	Remoon data input (Note 1)	I	4.3
	No connection	—	—
	(Connecting to ground)	—	0
	(+5V pull-up)	I	4.9
	No connection	—	—
	No connection	—	—

Pin No.	Port	Description	I/O	Vol.(V)
52,53	—	No connection	—	—
54	/P.LED	Power LED control	O	0
55	LCD DO	LCD driver data	—	5.1
56	PANEL	Panel detection	I	4.5
57	LCD DI	LCD driver data	O	0
58	LCD CLK	LCD driver clock	O	0
59	LCD CE	LCD driver CE	O	0.4
60	LED	Security LED control	O	0
61	—	No connection	—	—
62	FM DATA	Not used	—	—
63	I2C DATA	Electronic volume cont data	I/O	4.9
64	I2C CLK	Electronic volume cont clock	O	4.9
65	CH CLK	Not used	—	—
66	NC	No connection	—	—
67	CH DATA	Not used	—	—
68	CD C1	Communication control	O	4.9
69	—	—	—	—
70	CD DATA	CD data	I/O	4.8
71	/MUTE	Mute output	O	4.8
72	PW CNT	System power control	O	4.7
73	—	No connection	—	—
74	VREG	Voltage regulator	O	3.5

Pin No.	Part	Description	I/O	Vol.(V)
75	GND	Ground	-	0
76	XOUT	Crystal oscillator	-	2.4
77	XIN	Crystal oscillator	-	1.3
78	CE	(Connecting to VDD)	-	4.9
79	VDD	+5V power supply	-	4.9
80	/RESET	(Connecting to VDD)	-	4.9

Note 1 : CQ-DP940EUC only

Note 2 : Voltage measurements are with respect to ground, with a voltmeter (Internal resistance : 10M ohms).

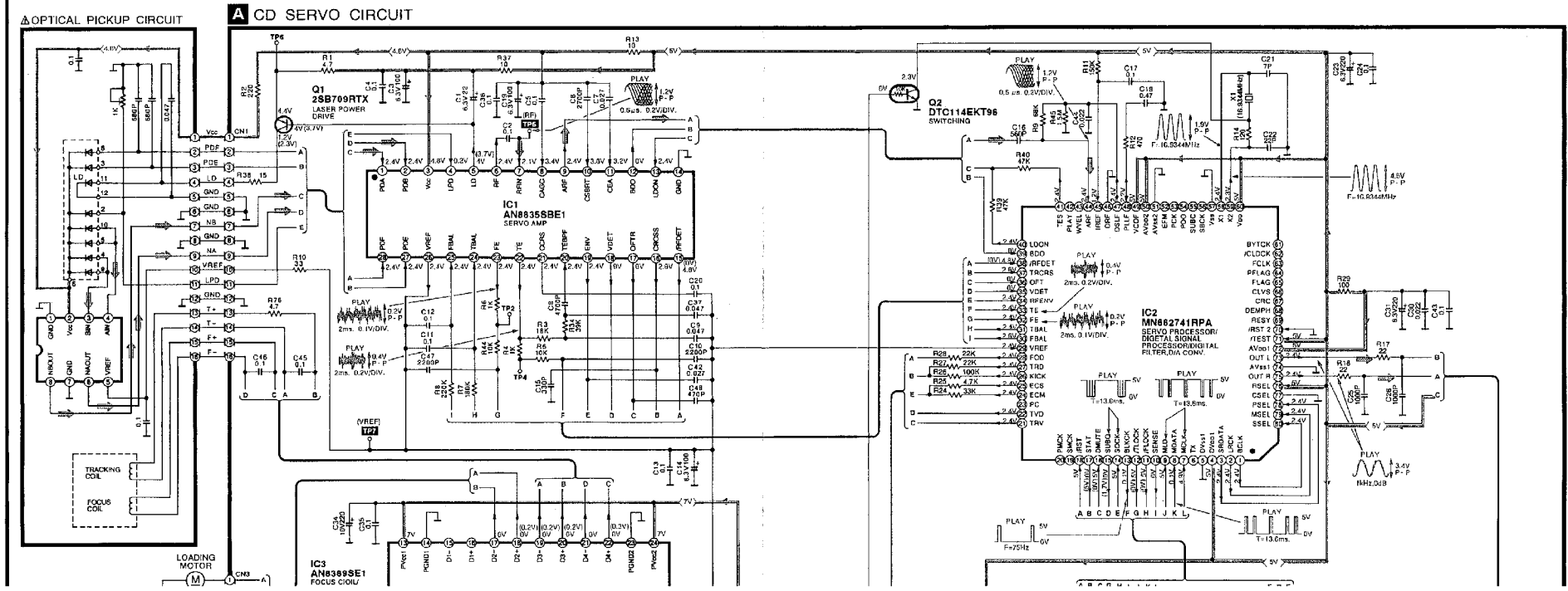
Note (* 1) :

1.3V : <CQ-DP940EUC>

0V : <CQ-DP930EUC>

Pin No.	Port	Description	I/O	Vol.(V)
1	NC	No connection	-	-
2~39	SEG2~39	LCD segment	O	2.5
40~43	COM1~4	LCD common	O	2.5
44~49	KS1~6	Key data output	O	0.9
50~54	KI1~5	Key data input	I	0
55	TEST	(Connecting to ground)	-	0
56	VDD	+5V power supply	-	5.1
57	VDD1	Ground through capacitor	-	3.3
58	VDD2	Ground through capacitor	-	1.7
59	Vss	Ground	-	0
60	OSC	CR oscillator	-	3.9
61	DO	Key data output	O	4.4
62	CE	Chip enable	I	0
63	CLK	LCD clock	I	0
64	DI	LCD data input	I	0

SCHEMATIC DIAGRAM (CD Servo Block) MODELS CQ-DP930/940EUC



Description	I/O	Vol.(V)
mute	O	5.0

22	LV R	Rich level detection	I	(* 1)
23	LV L	Lch level detection	I	(* 1)
24	INIT B	Initial value B	I	0

46	BZ IN	(+5V pull-up)	I	4.9
47~50	—	No connection	—	—
51	—	No connection	—	—

72	PW CNT	System power control	O	4.7
73	—	No connection	—	—
74	VREG	Voltage regulator	O	3.5

< Display Block >

■ IC901 : YEAMLC75853W

<CQ-DP930EUC>

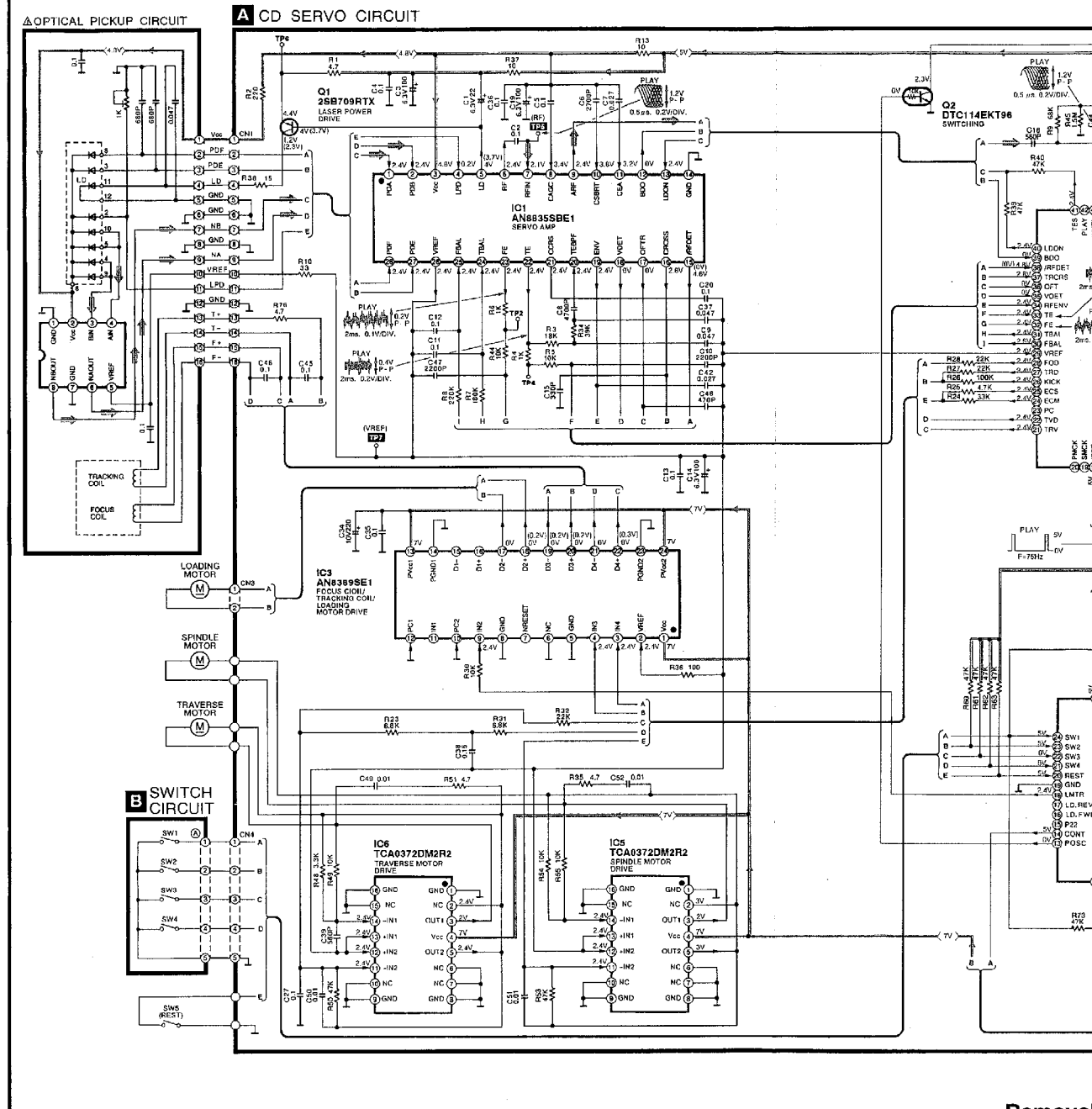
Pin No.	Port	Description	I/O	Vol.(V)
1	—	No connection	—	—
2~28	SEG2~28	LCD segment output	O	2.5
29~40	SEG29~40	No connection	—	—
41~43	COM1~3	LCD common output	O	2.5
44~49	KS1~6	Key scan signal	O	0.9
50~54	KI1~5	Key data input	I	0
55	TEST	(Connecting to ground)	—	0
56	VDD	+5V power supply	—	5.1
57	VDD1	Ground through capacitor	—	3.3
58	VDD2	Ground through capacitor	—	1.7
59	VSS	Ground	—	0
60	OSC	CR oscillator	—	3.9
61	DO	Key data output	O	4.4
62	CE	Chip enable	I	0
63	CLK	LCD clock	I	0
64	DI	LCD data input	I	0

<CD Servo Block>

■ IC4 MB89123-306

Pin No.	Port	Description	I/O	Vol.(V)
1	AV _{CC}	+5V power supply	—	5.0
2	RST	Reset signal	I	5.0
3	MOD0	Connecting to ground	—	0
4	MOD1	Connecting to ground	—	0
5	X0	Crystal oscillator	O	2.5
6	X1	Crystal oscillator	I	2.5
7	V _{CC}	+5V power supply	—	5.0
8	XOA	Connecting to ground	—	0
9~12	—	Not used	—	—
13	POSC	Oscillator control	O	0
14	CONT	Power control	O	5.0
15~17	—	Not used	—	—
18	LMTR	Loading motor drive	O	2.4
19	GND	Ground	—	0
20	REST	Inside track detection	I	5.0
21	SW4	Loading completion	I	0
22	SW3	Disc size detection	I	0
23	SW2	Disc re-inserting detection	I	5.0
24	SW1	Disc insert detection	I	5.0
25	SRST	Servo logic reset	O	5.0
26	STAT	IC2 status signal	I	0
27	DMUTE	Digital mute	O	5.0
28	TLOCK	Tracking lock	I	5.0
29	FLOCK	Focus lock	I	5.0
30	SENSE	Sence signal input	I	0
31	MLD	MPU command load	O	5.0
32	MDATA	MPU command data	O	0.1
33	MCLK	MPU command clock	O	4.9
34	ACC	ACC detection	I	0.2
35	TEST	Test mode set	I	5.0
36	SW1	Disc insert detection	I	5.0
37	C1/ACC	Comm/ACC interrupt	I	0.7
38	BLLK	Block interrupt	I	0.1
39	C1	Communication control	I	5.0
40	SUBQ	Q code data input	I	0
41	DATA	Communication data	I/O	5.0
42	SQCK	Q code clock	O	5.0
43	GND	Ground	—	0
44	V _{DD}	+5V power supply	—	5.0
45	C2	Communication control	O	5.0
46~48	—	Not used	—	—

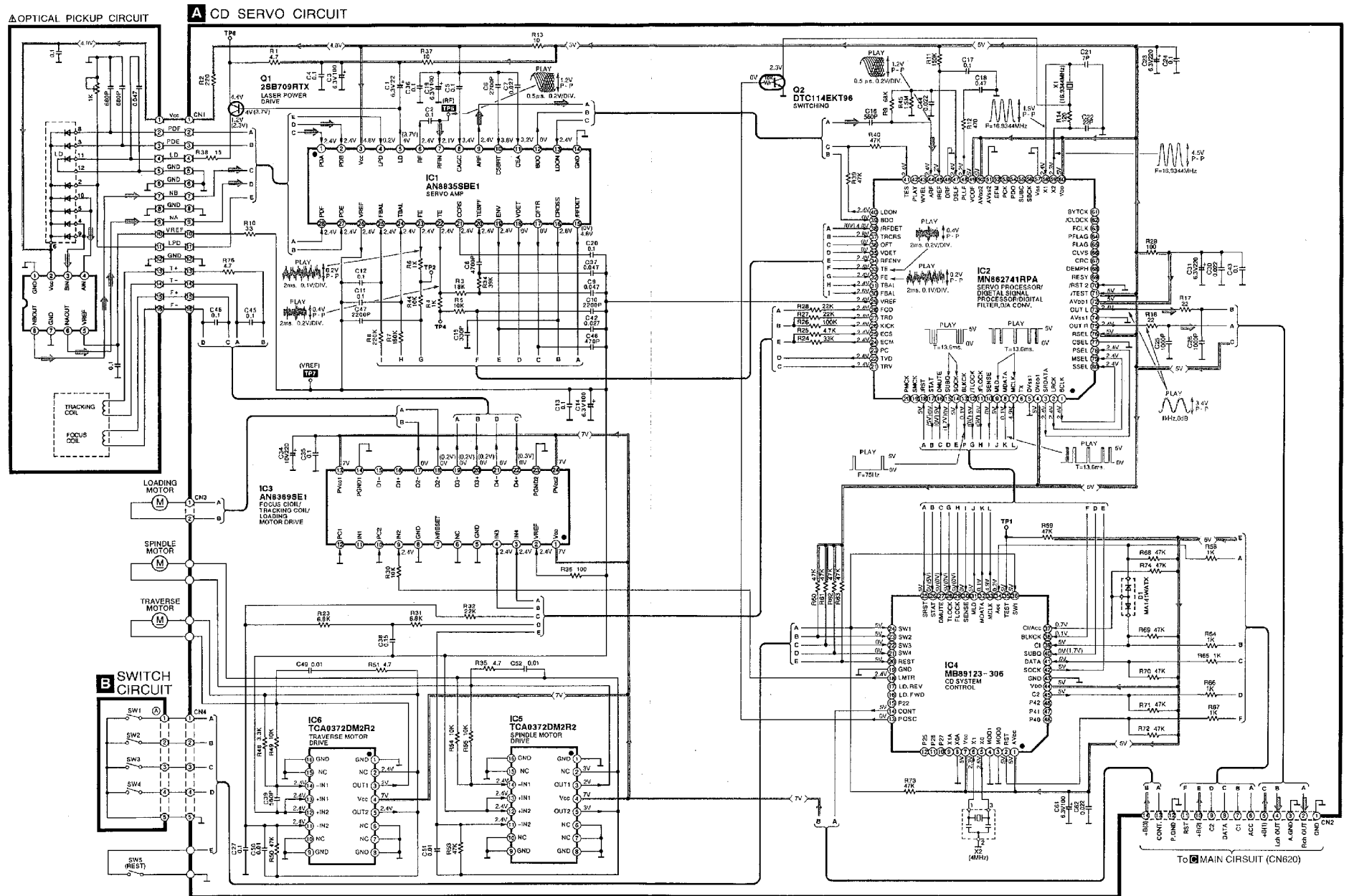
SCHMATIC DIAGRAM (CD Servo Block) MODELS CQ-DP930/940EUC



(+5V pull-up)	I	4.9
No connection	—	—
No connection	—	—

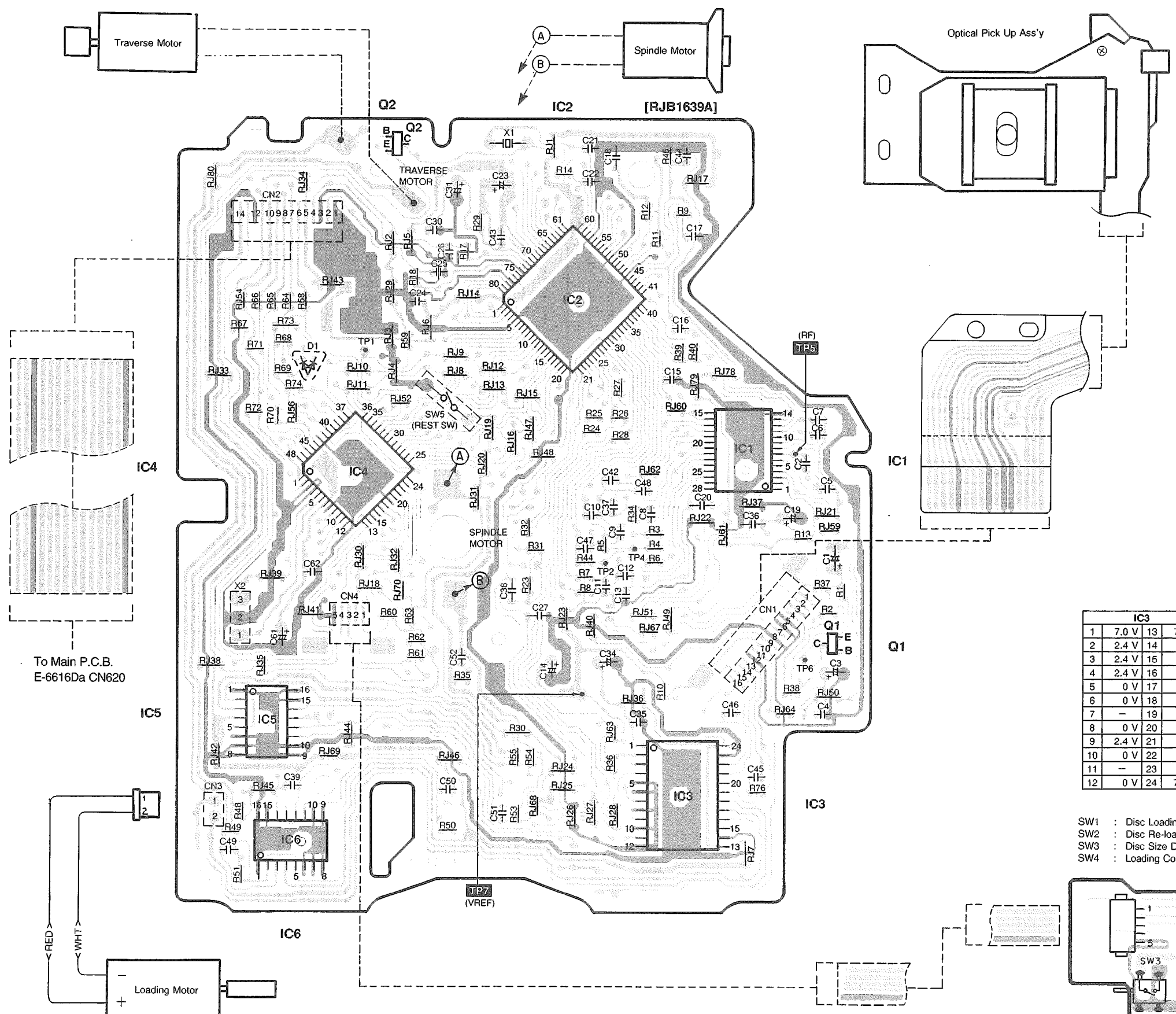
72	PW CNT	System power control	O	4.7
73	—	No connection	—	—
74	VREG	Voltage regulator	O	3.5

SCHEMATIC DIAGRAM (CD Servo Block) MODELS CQ-DP930/940EUC



Description	I/O	Vol.(V)
Power	O	5.0
Power	I	5.0
Power	I	5.0
Power	I	0
Power	O	5.0
Power	O	0.1
Power	O	4.9
Power	I	0.2
Power	I	5.0
Power	I	5.0
Power	I	0.7
Power	I	0.1
Power	I	5.0
Power	I	0
Power	O	5.0
Power	—	0
Power	—	5.0
Power	O	5.0

WIRING DIAGRAM (CD Servo Block) MODELS CQ-DP930/940EUC



ICs & Transistors

IC2	80Pin
IC4	48Pin

IC1	28Pin
IC3	24Pin
IC5	16Pin
IC6	16Pin

Q1		Q2	
B	3.7V	B	0V
C	1.2V	C	2.3V
E	4.4V	E	0V

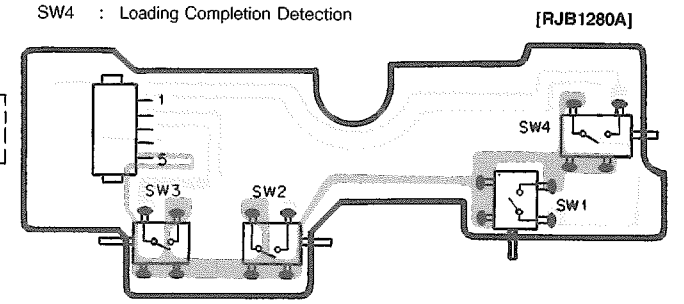
IC1							
1	2.4V	8	3.4V	15	4.8V	22	2.4V
2	2.4V	9	2.4V	16	2.8V	23	2.4V
3	4.8V	10	3.8V	17	0V	24	2.4V
4	0.2V	11	3.2V	18	0V	25	2.4V
5	4.0V	12	0V	19	2.4V	26	2.4V
6	2.4V	13	2.4V	20	2.4V	27	2.4V
7	2.1V	14	0V	21	2.4V	28	2.4V

IC3			
1	7.0V	13	7.0V
2	2.4V	14	0V
3	2.4V	15	-
4	2.4V	16	-
5	0V	17	0V
6	0V	18	0V
7	-	19	0V
8	0V	20	0V
9	2.4V	21	0V
10	0V	22	0V
11	-	23	0V
12	0V	24	7.0V

IC5			
1	0V	9	0V
2	3.0V	10	0V
3	2.0V	11	2.4V
4	7.0V	12	2.4V
5	3.0V	13	2.4V
6	0V	14	2.4V
7	0V	15	0V
8	0V	16	0V

IC6			
1	0V	9	0V
2	2.4V	10	0V
3	2.0V	11	2.4V
4	7.0V	12	2.4V
5	2.4V	13	2.4V
6	0V	14	2.4V
7	0V	15	0V
8	0V	16	0V

- SW1 : Disc Loading Detection
- SW2 : Disc Re-loading Detection
- SW3 : Disc Size Detection
- SW4 : Loading Completion Detection



To Main P.C.B.
E-6616Da CN620

Removable Face High-Power CD Player / Receiver

TERMINALS DESCRIPTION

< CD Servo Block >

■ IC2 MN662741RPA

Pin No.	Port	Description	I/O	Vol. (V)	Pin No.	Port	Description	I/O	Vol. (V)
1	BCLK	Bit clock output	O	2.4	36	OFT	Off track signal	I	0
2	LRCK	L/R select output	O	2.4	37	TRCRS	Track cross signal	I	2.8
3	SRDATA	Serial data output	O	2.4	38	/RFDET	RF detection signal	I	4.8
4	DV _{DD1}	+5V digital power supply	—	5.0	39	BDO	Drop out signal	I	0
5	DV _{SS1}	Digital ground	—	0	40	LDON	Laser on/off control	O	2.4
6	TX	Not used	—	—	41	TES	Tracking error shunt	O	2.4
7	MCLK	MPU command clock	I	4.9	42	PLAY	Not used	—	—
8	MDATA	MPU command data	I	0.1	43	WVEL	Not used	—	—
9	MLD	MPU command load	I	5.0	44	ARE	RF signal	I	2.4
10	SENSE	Sense signal output	O	0	45	IREF	Reference current input	I	1.2
11	/FLOCK	Focus servo lock	O	5.0	46	DRF	Connecting to ground	—	0
12	/TLOCK	Tracking servo lock	O	5.0	47	DSLIF	DSL loop filter	I/O	2.4
13	BLKCK	Sub-code block clock	O	0.1	48	PLLIF	PLL loop filter	I/O	2.2
14	SQCK	Q code external clock	I	5.0	49	VCOF	Connecting to V _{DD}	—	5.0
15	SUBQ	Q code output	O	0	50	AV _{DD2}	+5V analog power supply	—	5.0
16	DMUTE	Mute input	I	5.0	51	AV _{SS2}	Analog ground	—	0
17	STAT	Status output	O	0	52~56		Not used	—	—
18	/RST	Reset input	I	5.0	57	V _{SS}	Ground	—	0
19, 20		Not used	—	—	58	X1	Crystal oscillator	—	2.4
21	TRV	Forced traverse output	O	2.4	59	X2	Crystal oscillator	—	2.3
22	TVD	Traversed drive output	O	2.4	60	V _{DD}	+5V power supply	—	5.0
23	PC	Not used	—	—	61~69		Not used	—	—
24	ECM	Spindle motor drive	O	2.4	70	/RST2	Connecting to ground	—	0
25	ECS	Spindle motor drive	O	2.4	71	/TEST	Connecting to V _{DD}	—	5.0
26	KICK	Kick pulse output	O	2.4	72	AV _{DD1}	+5V analog power supply	—	5.0
27	TRD	Tracking drive	O	2.4	73	OUTL	Audio Lch output	O	2.4
28	FOD	Focus drive	O	2.4	74	AV _{SS1}	Analog ground	—	0
29	VREF	D/A reference voltage	I	2.4	75	OUTR	Audio Rch output	O	2.4
30	FBAL	Focus balance adjust	O	2.6	76	RSEL	Connecting to V _{DD}	I	5.0
31	TBAL	Tracking balance adjust	O	2.4	77	CSEL	Connecting to ground	—	0
32	FE	Focus error signal	I	2.4	78	PSEL	Serial data input	I	2.4
33	TE	Tracking error signal	I	2.4	79	MSEL	L/R select input	I	2.4
34	RFENV	RF envelope signal	I	2.4	80	SSEL	Bit clock input	I	2.4
35	VDET	Vibration detection	I	0					

**Replacement Parts List
Models NO. CQ-DP930/940EUC**

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.
5. "MCC" marks in remarks column are indicated supply parts of Matsushita Communication Industrial Corp. of America(MCC).

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
ICs & TRANSISTORS					
MAIN BLOCK					
[E-6616D]	IC201	YEAMEA6320TT	IC	1	
	IC203	YEAMPC4570T1	IC	1	CQ-DP940EUC
	IC204	YEAMPD4053BG	IC	1	CQ-DP940EUC
	IC241	YEAMTD48568Q	IC	1	
	IC280	YEAMM5218AFE	IC	1	
	IC601	YEAM17708563	IC	1	CQ-DP930EUC
		YEAM17708564		1	CQ-DP940EUC
	IC701	YEAMM51945AF	IC	1	
	IC702	YEAMPC2908HF	IC	1	
	IC703	AN78N05	IC	1	
	IC704	YEAMPC78M08A	IC	1	
	PA51	YEAU03A052	Electronic Tuner	1	
	Q51	YEANA114YKTX	Transistor	1	
	Q52	YEANC114YKTX	Transistor	1	
	Q53	YEANA114YKTX	Transistor	1	
	Q54	YEANC144EKTX	Transistor	1	
	Q230	YEANC143TKT	Transistor	1	CQ-DP940EUC
	Q231	YEANC143TKT	Transistor	1	
	Q330	YEANC143TKT	Transistor	1	CQ-DP940EUC
	Q331	YEANC143TKT	Transistor	1	
	Q401	YEAN2SK536TB	Transistor	1	

Ref.No.	Part No.	Part Code	Part Name & Description	Pcs set	Remarks
Q660, 661	YEANA114EKTX		Transistor	2	
Q662	YEANC144EKTX		Transistor	1	
Q663	YEANC114YKTX		Transistor	1	
Q701	YEAND1859T		Transistor	1	
Q703	YEANB1261ZT		Transistor	1	
Q704	YEANC114YKTX		Transistor	1	
Q705	2SD2139TA		Transistor	1	
Q707	YEANFP1F3PT1		Transistor	1	
DISPLAY BLOCK <CQ-DP930EUC>					
[E-8324]	IC901	YEAMLC75863W	IC	1	
	Q901	YEANA114EKTX	Transistor	1	
DISPLAY BLOCK <CQ-DP940EUC>					
[E-8324]	IC901	YEAMLC758654T	IC	1	
	IC902	YEAMSBX8035F	IC	1	
	Q901	YEANA114EKTX	Transistor	1	
DIODES					
MAIN BLOCK					
[E-6616D]	D201	MA151KTX	Diode	1	CQ-DP940EUC
	D611	LN25RP	LED	1	CQ-DP940EUC
	D680	MA151KTX	Diode	1	CQ-DP940EUC
	D681	YEAPRD51M2T1	Diode	1	CQ-DP940EUC
	D682	MA151KTX	Diode	1	CQ-DP940EUC
	D683	YEAPRD51M2T1	Diode	1	CQ-DP940EUC
	D701	YEAPDSA3A2	Diode	1	

MODELS CQ-DP930/940EUC

Ref.No.	Part No.	Part Code	Part Name & Description	Pcs set	Remarks
D702	MA151KTX		Diode	1	
D703	YEADRD56M3T1		Diode	1	
D704	MA721TX		Diode	1	
D705	MA704TW		Diode	1	
D706	YEADRD51M2T1		Diode	1	
D707	YEADRB100AT		Diode	1	
D708	YEADRD91M1T2		Diode	1	
D709	YEAD11ES2T		Diode	1	
D710	MA721TX		Diode	1	
D712	MA1091LMTA		Diode	1	
D720 to 727	MA736TX		Diode	8	
DISPLAY BLOCK <CQ-DP930EUC>					
[E-8324]					
D902 to 905	MA8056LMHTX		Diode	4	
D906	LN1271RAL		LED	1	
DISPLAY BLOCK <CQ-DP940EUC>					
[E-8324]					
D901 to 905	MA8056LMHTX		Diode	5	
D906	LN1271RAL		LED	1	
D921 to 931	LN1361CTR		LED	11	
D933 to 936	LN1361CTR		LED	4	
CONNECTORS					
MAIN BLOCK					
[E-6616D]					
C51	ECA1CSA470I		Electrolytic, 47MFD 16WV	1	CQ-DP940EUC
C52	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1	CQ-DP940EUC
C54	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1	CQ-DP940EUC
C57, 58	YECUS1E273KX		Ceramic, 0.027MFD 25WV	2	
C60	YECUS1E104ZF		Ceramic, 0.1MFD 25WV	1	
C201, 202	YECUS1H101JM		Ceramic, 100PF 50WV	2	
C203	ECEA1HKS3R3I		Electrolytic, 3.3MFD 50WV	1	
C205	YECUX1C334KX		Ceramic, 0.33MFD 16WV	1	
C206	YECUX1C334KX		Ceramic, 0.33MFD 16WV	1	CQ-DP940EUC
C207	YECUV1C224KX		Ceramic, 0.22MFD 16WV	1	CQ-DP940EUC
C208	YECUS1E333KX		Ceramic, 0.033MFD 25WV	1	
C209	YECUS1H562KX		Ceramic, 0.0056MFD 50WV	1	
C210	ECEA1CKSA470I		Electrolytic, 47MFD 16WV	1	
C211	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1	
C217, 218	YECUS1C104KX		Ceramic, 0.1MFD 16WV	2	CQ-DP940EUC
C220	YECUS1H123KX		Ceramic, 0.012MFD 50WV	1	CQ-DP940EUC
C221	ECA1HSA010I		Electrolytic, 1MFD 50WV	1	CQ-DP940EUC
C222	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1	CQ-DP940EUC
C223	ECA0JSA470I		Electrolytic, 47MFD 6.3WV	1	CQ-DP940EUC
C224	YECUS1H332KX		Ceramic, 0.0033MFD 50WV	1	CQ-DP940EUC
C230, 231	ECEA1CKS100I		Electrolytic, 10MFD 16WV	2	
C241	ECEA1HKS010I		Electrolytic, 1MFD 50WV	1	
C242	YECUS1H222KX		Ceramic, 0.0022MFD 50WV	1	
C244	ECEA1HKS010I		Electrolytic, 1MFD 50WV	1	
C245	YECUS1H222KX		Ceramic, 0.0022MFD 50WV	1	
C246	YECUS1E104ZF		Ceramic, 0.1MFD 25WV	1	CQ-DP940EUC
C247	YECUS1E104ZF		Ceramic, 0.1MFD 25WV	1	
C248	ECA1CDT472Y		Electrolytic, 4700MFD 16WV	1	
C249	YECUS1E104ZF		Ceramic, 0.1MFD 25WV	1	CQ-DP940EUC
C280	YECUS1C104KX		Ceramic, 0.1MFD 16WV	1	CQ-DP940EUC
C281	YECUS1H102KX		Ceramic, 0.001MFD 50WV	1	CQ-DP940EUC
C282	ECA0JSA220I		Electrolytic, 22MFD 6.3WV	1	CQ-DP940EUC
C283	YECUS1H103KX		Ceramic, 0.01MFD 50WV	1	CQ-DP940EUC
C301, 302	YECUS1H101JM		Ceramic, 100PF 50WV	2	
C303	ECA1HSA3R3I		Electrolytic, 3.3MFD 50WV	1	
C305	YECUX1C334KX		Ceramic, 0.33MFD 16WV	1	
C306	YECUX1C334KX		Ceramic, 0.33MFD 16WV	1	CQ-DP940EUC

Ref.No.	Part No.	Part Name & Description	Pcs set	Remarks
C635	YECUV1H680JM	Ceramic, 68PF 50WV	1	CQ-DP940EUC
C636	YECUS1H101JM	Ceramic, 100PF 50WV	1	CQ-DP940EUC
C648	YECUV1H104ZF	Ceramic, 0.1MFD 50WV	1	
C660	ECEA0JKS470I	Electrolytic, 47MFD 6.3WV	1	
C661	YECUS1H103KX	Ceramic, 0.01MFD 50WV	1	CQ-DP940EUC
C662	ECEA1CKS100I	Electrolytic, 10MFD 16WV	1	
C680, 681	EC9H1C1225CF	Tantalum, 2.2MFD 16WV	2	CQ-DP940EUC
C701	ECEA1CKS101I	Electrolytic, 100MFD 16WV	1	
C702	ECEA1CKS100I	Electrolytic, 10MFD 16WV	1	
C704	ECEA0JKS470I	Electrolytic, 47MFD 6.3WV	1	
C705	ECEA1HKS010I	Electrolytic, 1MFD 50WV	1	
C707	ECEA1AKS101I	Electrolytic, 100MFD 10WV	1	
C709	ECEA1CKS470I	Electrolytic, 47MFD 16WV	1	
C710	ECA1CDT102BQ	Electrolytic, 1000MFD 16WV	1	
C711	YECUS1E104ZF	Ceramic, 0.1MFD 25WV	1	
C712	ECEA1AKS101I	Electrolytic, 100MFD 10WV	1	
C714	ECA0JSA101I	Electrolytic, 100MFD 6.3WV	1	
C715	YECUV1E334ZF	Ceramic, 0.33MFD 25WV	1	
C717	ECA1CSA100I	Electrolytic, 10MFD 16WV	1	
C718	YECUS1C105ZF	Ceramic, 1MFD 16WV	1	
J551	YECUS1H221JM	Ceramic, 220PF 50WV	1	
DISPLAY BLOCK <CQ-DP930EUC>				
[E-8324]				
C901, 902	YECUS1E104ZF	Ceramic, 0.1MFD 25WV	2	
C903	YECUS1H681JM	Ceramic, 680PF 50WV	1	
C904, 910	YECUS1E104ZF	Ceramic, 0.1MFD 25WV	2	

Ref.No.	Part No.	Part Name & Description	Pcs set	Remarks
C307	YECUV1C224KX	Ceramic, 0.22MFD 16WV	1	CQ-DP940EUC
C308	YECUS1E333KX	Ceramic, 0.033MFD 25WV	1	
C309	YECUV2A562KX	Ceramic, 0.0056MFD 100WV	1	
C310	ECEA0JKS101I	Electrolytic, 100MFD 6.3WV	1	
C311	ECEA1CKS470I	Electrolytic, 47MFD 16WV	1	
C317, 318	YECUS1C104KX	Ceramic, 0.1MFD 16WV	2	CQ-DP940EUC
C320	YECUS1H123KX	Ceramic, 0.012MFD 50WV	1	CQ-DP940EUC
C321	ECA1HSA010I	Electrolytic, 1MFD 50WV	1	CQ-DP940EUC
C322	YECUS1H103KX	Ceramic, 0.01MFD 50WV	1	CQ-DP940EUC
C323	ECA0JSA470I	Electrolytic, 47MFD 6.3WV	1	CQ-DP940EUC
C324	YECUS1H332KX	Ceramic, 0.0033MFD 50WV	1	CQ-DP940EUC
C330	ECA1CSA100I	Electrolytic, 10MFD 16WV	1	
C331	ECEA1CKS100I	Electrolytic, 10MFD 16WV	1	
C341	ECEA1HKS010I	Electrolytic, 1MFD 50WV	1	
C342	YECUS1H222KX	Ceramic, 0.0022MFD 50WV	1	
C344	ECEA1HKS010I	Electrolytic, 1MFD 50WV	1	
C345	YECUS1H222KX	Ceramic, 0.0022MFD 50WV	1	
C348	YECUS1E104ZF	Ceramic, 0.1MFD 25WV	1	
C380	YECUS1C104KX	Ceramic, 0.1MFD 16WV	1	CQ-DP940EUC
C381	YECUS1H102KX	Ceramic, 0.001MFD 50WV	1	CQ-DP940EUC
C401	YECUS1H103KX	Ceramic, 0.01MFD 50WV	1	
C402	ECEA1AKS221I	Electrolytic, 220MFD 10WV	1	
C403	ECEA1HKS4R7I	Electrolytic, 4.7MFD 50WV	1	
C404	YECUS1H103KX	Ceramic, 0.01MFD 50WV	1	
C405	YECUV2A102KX	Ceramic, 0.001MFD 100WV	1	
C601, 602	YECUS1E104ZF	Ceramic, 0.1MFD 25WV	2	
C606, 607	YECUS1H220JM	Ceramic, 22PF 50WV	2	
C608	ECEA0JKS331I	Electrolytic, 330MFD 6.3WV	1	
C609	EECS5R5H473	Electrolytic, 0.047F 5.5WV	1	
C610	YECUS1E104ZF	Ceramic, 0.1MFD 25WV	1	
C613	YECUV2A102KX	Ceramic, 0.001MFD 100WV	1	
C614	YECUS1H180JM	Ceramic, 18PF 50WV	1	
C619	YECUS1E104ZF	Ceramic, 0.1MFD 25WV	1	
C621	YECUV1C224KX	Ceramic, 0.22MFD 16WV	1	

MODELS CQ-DP930/940EUC

Ref.No.	Part No.	Part Name & Description	Part Code	Part No.	Part Name & Description	Pcs set	Remarks
SW906 to 910	YEAS09287	Switch			Switch	5	
SW911 to 913	EVQFJH05K	Switch			Switch	3	
SW914 to 919	EVQPJX05M	Switch			Switch	6	
SW920 to 922	EVQPJH05K	Switch			Switch	3	
SW926	EVQFJH05K	Switch			Switch	1	
CRYSTALS							
XL601	YGXL49U0450T	Crystal OSC			Crystal OSC	1	
COILS							
L50	YELT02C330KT	Coil			Coil	1	
L601, 620	YELT02C101KT	Coil			Coil	2	
L702	YETQ026F143	Coil			Coil	1	
LCD							
LCD901	YEXDCM1200	LCD			LCD	1	CQ-DP930EUC
	YEXDCM1198	LCD			LCD	1	CQ-DP940EUC
THERMISTORS							
PH720	YERT7AR4R7MT	Thermistor			Thermistor	1	
PRINTINGS							
	YGF282813	Operating Instructions			Operating Instructions	1	

Ref.No.	Part No.	Part Name & Description	Part Code	Pcs	Remarks
R920	ERJ6GEYJ331	Chip, 330 ohms 1/10W		1	
R921 to 923	ERJ6GEYJ181	Chip, 180 ohms 1/10W		3	
R924, 925	ERJ6GEYJ331	Chip, 330 ohms 1/10W		2	
CONNECTORS					
MAIN BLOCK					
[E-8816D]					
CN200	YEA02165	Connector, 2P RCA		1	CQ-DP930EUC
CN201	YEA012504	Connector, RCA Rear-OUT		1	CQ-DP940EUC
CN301	YEA012505	Connector, RCA Front-OUT		1	CQ-DP940EUC
CN620	YEA012763	Connector, 14P		1	
CN701	YEA012194	Connector, 16P		1	
CP1	YEA014B100A	Connector, 14P flexible		1	
CP640	YEA012475	Connector, 12P		1	
DISPLAY BLOCK <CQ-DP930EUC>					
[E-8324]					
CJ640	YEA012476	Connector, 12P		1	
DISPLAY BLOCK <CQ-DP940EUC>					
[E-8324]					
CJ640	YEA012476	Connector, 12P		1	
CN901	YEA02212	Connector, Stereo jack		1	
SWITCHES					
SW902, 903	EVQFJH05K	Switch		2	
SW904	YEAS09287	Switch		1	
SW905	EVQFJH05K	Switch		1	

Ref.No.	Part No.	Part Name & Description	Part Code	Part No.	Part Code	Part Name & Description	Pcs set	Remarks
10 (1-A)(1-B)	YEFE134692	Button,PSET/POWER/ATT				Button,PSET/POWER/ATT	1	
11 (1-B)(2-B)	YEFE134685	Button,RLSE				Button,RLSE	1	
12 (1-A)(2-A)	YEFE134706	Button,VOL				Button,VOL	1	
13 (2-A)	YEFE134698	Button,SEL/CD/APM				Button,SEL/CD/APM	1	CQ-DP930EUC
14 (1-A)	YEFE134694	Button,SEL/MODE/BAND				Button,SEL/MODE/BAND	1	CQ-DP940EUC
15 (2-A)	YEFE134688	Button,DISP/AM/FM				Button,DISP/AM/FM	1	CQ-DP930EUC
16 (1-A)	YEFE134686	Button,DISP/HDB/SDM				Button,DISP/HDB/SDM	1	CQ-DP940EUC
17 (2-A)	YGF00011737	Transparent Plate				Transparent Plate	1	CQ-DP930EUC
18 (1-A)	YGF00011730	Transparent Plate				Transparent Plate	1	CQ-DP940EUC
19 (2-B)	YGF00011738	Transparent Plate				Transparent Plate	1	CQ-DP930EUC
20 (1-B)	YEFJ011323	Ornament Plate				Ornament Plate	1	CQ-DP940EUC
21 (1-A)	YEFN07625	Plate				Plate	1	CQ-DP940EUC
22 (1-B)(2-B)	YEFX0052153	Spring				Spring	1	
23 (2-C)	YGF0134716	Button,CD				Button,CD	1	
24 (2-C)	YEFX0052175	Spring				Spring	1	
25 (2-C)	YGF09991689	Release Hook				Release Hook	1	
26 (2-C)	YEFX0052176	Spring				Spring	1	
27 (2-C)	YEF002302	Felt				Felt	1	
28 (2-C)	YEF0011113	Pad				Pad	1	
29 (3-C)	YEFF01829B	Heat Sink				Heat Sink	1	
30 (3-A)	YEFX0213741	Bracket, Deck				Bracket, Deck	1	
31 (1-C)	YEFX0213649A	Bracket, CN701				Bracket, CN701	1	
32 (1-B)	YEFX0213945B	Bracket, IC241				Bracket, IC241	1	
33 (1-B)	YEFX0214168	Bracket, IC702				Bracket, IC702	1	
34 (3-C)	YEFX0213893	Bracket				Bracket	1	CQ-DP940EUC
35 (1-B)	YEFV011813	Insulator				Insulator	1	
36 (3-C)	YEFX0214167	Bracket, IC704				Bracket, IC704	1	
37 (3-C)	YEFJ05030	Color Rivet				Color Rivet	1	
38 (3-C)	YEFX007146	Cord Clamper				Cord Clamper	1	CQ-DP940EUC
39 (1-C)	YEFM99494	Sheet				Sheet	1	
40 (3-B)	YEFX0213673	Bracket, CN200				Bracket, CN200	1	CQ-DP930EUC
41 (1-A)(2-A)	YEFX0214166	Bracket, LCD				Bracket, LCD	1	CQ-DP940EUC
		YEFX0214173					1	CQ-DP930EUC

Ref.No.	Part No.	Part Name & Description	Part Code	Pcs	Remarks
INSTALLATION PARTS					
	YEFX9991526A	Remote Controller		1	CQ-DP940EUC
	CR2025/1F	Battery		1	CQ-DP940EUC
	YGP9F22714	Screw Kit		1	
	YEFX9991721	Unlock Key		1	
	YEAJ02765	Power Connector		1	
	YEF0131290	Removable Face Plate Case		1	
	YEF004019	Rear Support Strap		1	
	YEFX0214198	Mounting Collar		1	
MISCELLANEOUS					
F1	YEF02015	Fuse,15A		1	
PL920, 921	YEA01225	Pilot Lamp		2	
PL922	YEA01222	Pilot Lamp		1	CQ-DP930EUC
	YEA01225		1	CQ-DP940EUC	
PL923	YEA01222	Pilot Lamp		1	CQ-DP930EUC
ANT51	YGA010082	Antenna Receptacle		1	
Z50	YEA02007T	Neon Lamp		1	
ATT1 to 3	YEA003420	Terminal		3	
1	(4-C) YEFA031359D	Upper Cover		1	
2	(1-B) YEFA05594B	Bottom Cover		1	
3	(2-C) YEFA07395	Front Plate		1	
4	(3-B)(3-C) YEFA08450	Rear Plate		1	CQ-DP940EUC
	YEFA08402BK		1	CQ-DP930EUC	
5	(2-C) YEFA09508	Side Plate		1	
6	(2-C) YGFC025260A	Escutcheon, Unit		1	CQ-DP940EUC
	YGFC025262A		1	CQ-DP930EUC	
7	(1-A)(2-A) YGFC025649	Escutcheon, Detachable		1	CQ-DP940EUC
	YGFC025652A		1	CQ-DP930EUC	
8	(2-B) YEFA131281	Cover, Detachable		1	
9	(1-B) YEFE134703	Button,EJECT		1	

MODELS CQ-DP930/940EUC

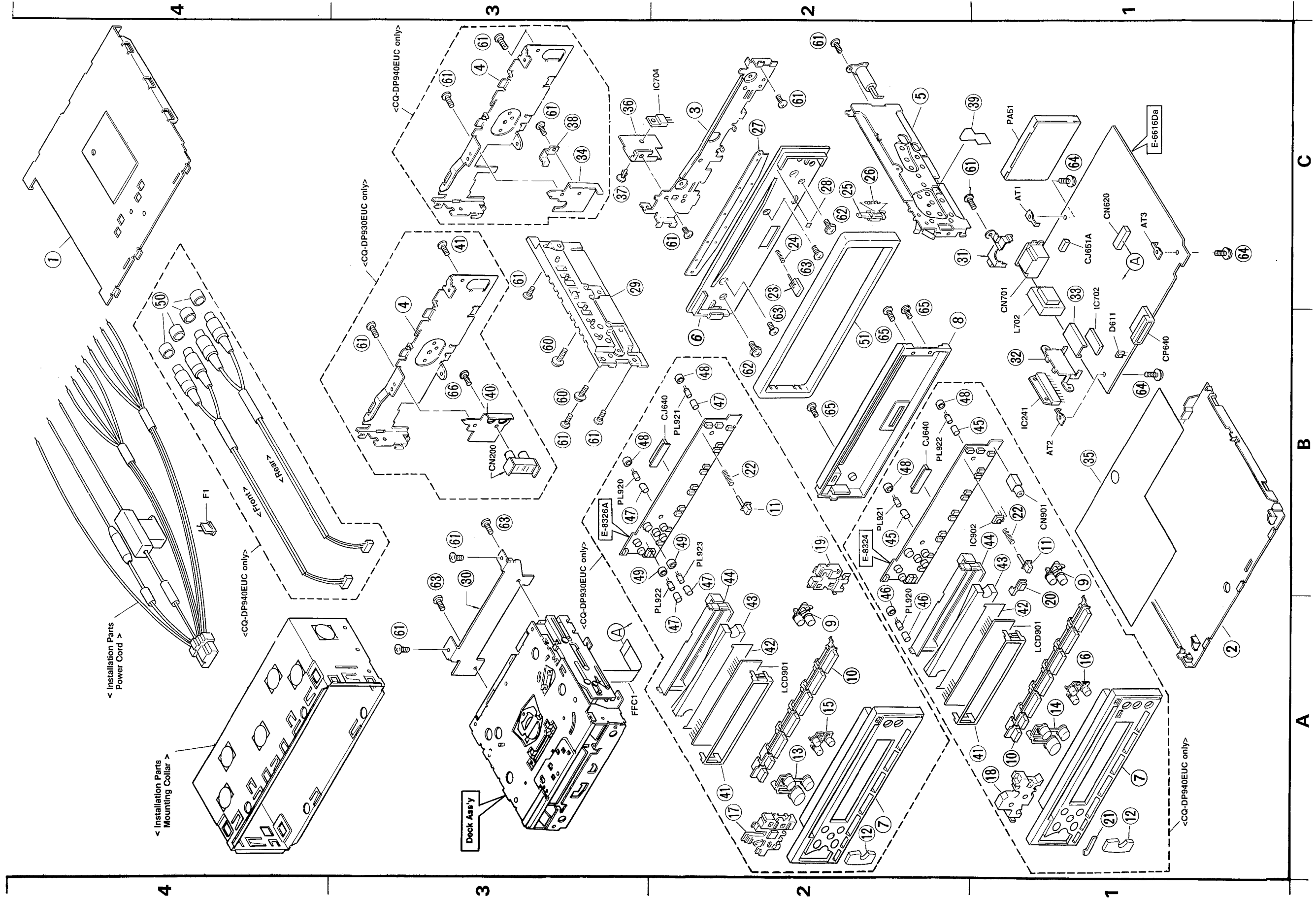
Ref.No.	Part No.	Part Code	Part Name & Description	Pcs set	Remarks
C6	ECUV1H272KBN		Ceramic, 0.0027MFD 50WV	1 A	
C7	ECUV1E273MBN		Ceramic, 0.027MFD 25WV	1 A	
C8	ECUV1H472MBN		Ceramic, 0.0047MFD 50WV	1 A	
C9	ECUV1C473KBN		Ceramic, 0.047MFD 16WV	1 A	
C10	ECUV1H222KBN		Ceramic, 0.0022MFD 50WV	1 A	
C11, 12	ECUV1E104MBN		Ceramic, 0.1MFD 25WV	2 A	
C13	ECUV1E104ZFN		Ceramic, 0.1MFD 25WV	1 A	
C14	ECEA0JKA101I		Electrolytic, 100MFD 6.3WV	1	
C15	ECUV1H931KBN		Ceramic, 330PF 50WV	1	
C16	ECUV1H561KBN		Ceramic, 560PF 50WV	1 A	
C17	ECUV1E104MBN		Ceramic, 0.1MFD 25WV	1 A	
C18	ECUV1C474KBM		Ceramic, 0.47MFD 16WV	1 A	
C19	ECEA0JKA101I		Electrolytic, 100MFD 6.3WV	1	
C20	ECUV1E104MBM		Ceramic, 0.1MFD 25WV	1 A	
C21	ECUV1H070DCN		Ceramic, 7PF 50WV	1 A	
C22	ECUV1H220JCN		Ceramic, 22PF 50WV	1	
C23	ECA0JM221I		Electrolytic, 220MFD 6.3WV	1 A	
C24	ECUV1E104ZFN		Ceramic, 0.1MFD 25WV	1 A	
C25, 26	ECUV1H102KBN		Ceramic, 0.001MFD 50WV	2 A	
C27	ECUV1E104MBM		Ceramic, 0.1MFD 25WV	1 A	
C30	ECUV1E223ZFN		Ceramic, 0.022MFD 25WV	1 A	
C31	ECA0JM221I		Electrolytic, 220MFD 6.3WV	1 A	
C34	ECEA1AKA221I		Electrolytic, 220MFD 10WV	1	
C35	ECUV1E104ZFN		Ceramic, 0.1MFD 25WV	1 A	
C36	ECUV1E104MBM		Ceramic, 0.1MFD 25WV	1 A	
C37	ECUV1E473KBN		Ceramic, 0.047MFD 25WV	1 A	
C38	ECUV1E154MBM		Ceramic, 0.15MFD 25WV	1 A	
C39	ECUV1H561KBN		Ceramic, 560PF 50WV	1 A	
C42	ECUV1E273MBN		Ceramic, 0.027MFD 25WV	1 A	
C43	ECUV1E104ZFN		Ceramic, 0.1MFD 25WV	1 A	
C44	ECUV1E223KBN		Ceramic, 0.022MFD 25WV	1 A	
C45, 46	ECUV1E104MBN		Ceramic, 0.1MFD 25WV	2 A	
C47	ECUV1H222KBN		Ceramic, 0.0022MFD 50WV	1 A	
C48	ECUV1H471KBN		Ceramic, 470PF 50WV	1 A	

Ref.No.	Part No.	Part Code	Part Name & Description	Pcs set	Remarks
R1	ERJ6GEYJ4R7		Chip, 4.7 ohms 0.1W	1	
R2	ERJ6GEYJ221		Chip, 220 ohms 0.1W	1	
R3	ERJ6GEYJ183		Chip, 18k ohms 0.1W	1	
R4	ERJ6GEYJ102		Chip, 1k ohms 0.1W	1	
R5	ERJ6GEYJ103		Chip, 10k ohms 0.1W	1	
R6	ERJ6GEYJ102		Chip, 1k ohms 0.1W	1	
R7	ERJ6GEYJ184		Chip, 180k ohms 0.1W	1	
R8	ERJ6GEYJ224		Chip, 220k ohms 0.1W	1	
R9	ERJ6GEYJ683		Chip, 68k ohms 0.1W	1	
R10	ERJ6GEYJ330		Chip, 33 ohms 0.1W	1	
R11	ERJ6GEYJ154		Chip, 150k ohms 0.1W	1	
R12	ERJ6GEYJ471		Chip, 470 ohms 0.1W	1	
R13	ERJ6GEYJ100		Chip, 10 ohms 0.1W	1	
R14	ERJ6GEYJ121		Chip, 120 ohms 0.1W	1	
R17, 18	ERJ6GEYJ220		Chip, 22 ohms 0.1W	2	
R23	ERJ6GEYJ682		Chip, 6.8k ohms 0.1W	1	
R24	ERJ6GEYJ333		Chip, 33k ohms 0.1W	1	
R25	ERJ6GEYJ472		Chip, 4.7k ohms 0.1W	1	
R26	ERJ6GEYJ104		Chip, 100k ohms 0.1W	1	
R27, 28	ERJ6GEYJ223		Chip, 22k ohms 0.1W	2	
R29	ERJ6GEYJ101		Chip, 100 ohms 0.1W	1	
R30	ERJ8GEYJ103		Chip, 10k ohms 0.13W	1	
R31	ERJ6GEYJ682		Chip, 6.8k ohms 0.1W	1	
R32	ERJ6GEYJ223		Chip, 22k ohms 0.1W	1	
R34	ERJ6GEYJ393		Chip, 39k ohms 0.1W	1	
R35	ERJ6GEYJ4R7		Chip, 4.7 ohms 0.1W	1	
R36	ERJ6GEYJ101		Chip, 100 ohms 0.1W	1	

RESISTORS

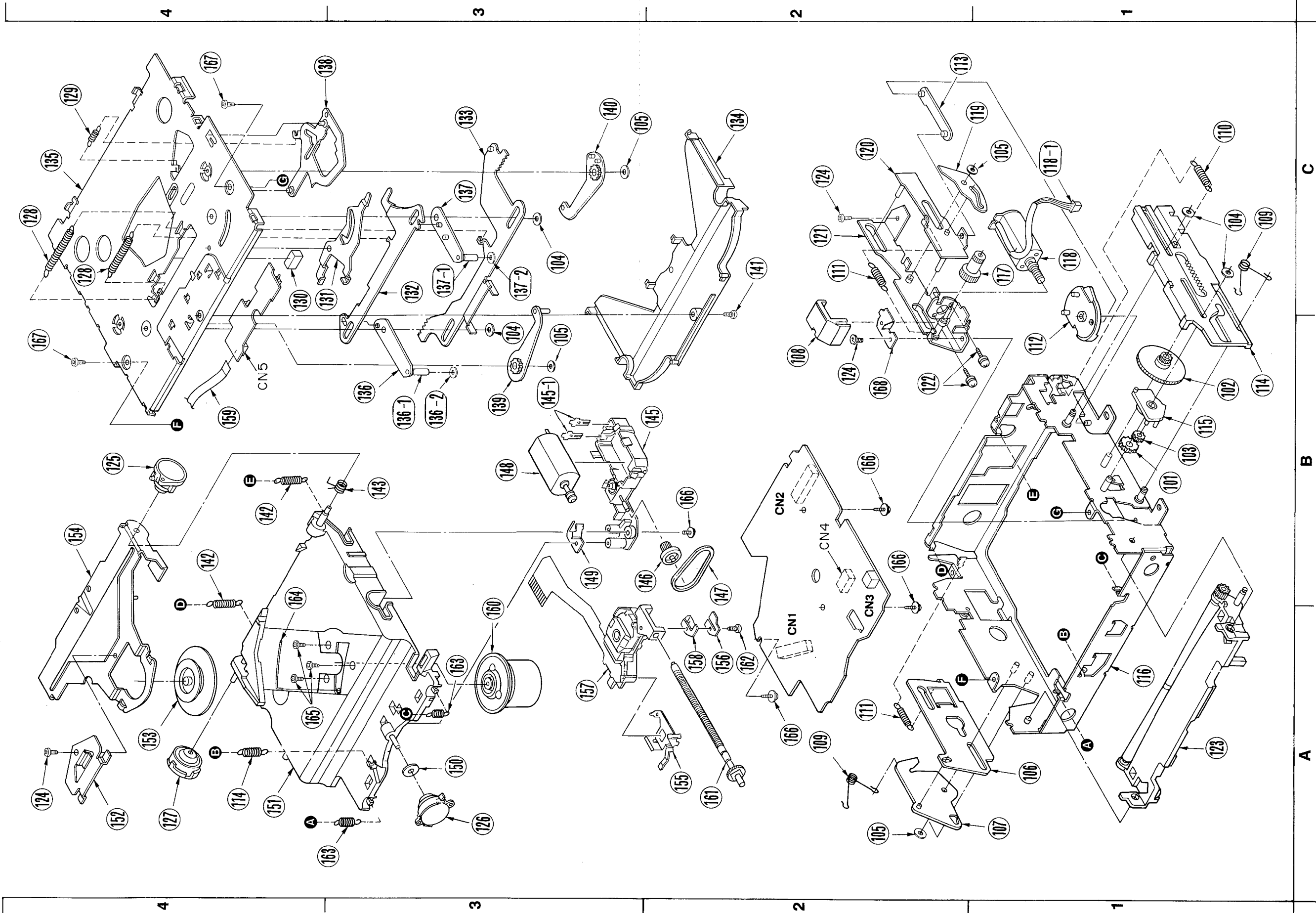
EXPLODED VIEW (UNIT)

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



EXPLODED VIEW (CD DECK)

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



MODELS CQ-DP930/940EUC

Ref.No.	Part No.	Part Code	Part Name & Description	Pcs set	Remarks
SWITCHE					
SW5	RSP1A018-A		Switch	1	A
MISCELLANEOUS					
101	(1-B) RDG0262		Gear	1	A
102	(1-B) RDG0266		Gear	1	A
103	(1-B) RDG0273		Gear	1	A
104	RHW27003		Washer	4	A
105	RHW27004		Washer	4	A
106	(2-A) RMA0755		Slide Plate (A)	1	A
107	(2-A) RMA0756		Lock Arm	1	A
108	(2-B) RMA0790-1		Cover	1	A
109(2-A)	(1-C) RMB0341-1		Spring	2	A
110	(1-C) RMB0343-1		Spring	1	A
111(2-A)	(2-C) RMB0368		Spring	2	A
112	(1-B) RML0324		Arm	1	A
113	(2-C) RMM0114		Rod	1	A
114	(1-C) RMR0724-W		Slide Plate	1	A
115	(1-B) RMR0754-W		Arm	1	A
116	(1-B) RXK0166		Main Chassis Ass' y	1	A
117	(1-C) RDG0261		Gear	1	A
118	(1-C) REM0048		Loading Motor Ass' y	1	A
118-1	(1-C) REE0559		Wire Ass' y	1	A
119	(2-C) RML0332		Lever	1	A
120	(2-C) RXA0142		Slide Plate (B)	1	A
121	(2-C) RXK0168		Loading Chassis Ass' y	1	A
122	(1-B) XYN2+C3		Screw	2	A
123	(1-A) RXL0109-2		Roller Ass' y	1	A
124	RMQ0467		Screw	3	A
125	(4-B) RMQ0349		Insulator (A)	1	A
126	(3-A) RMQ0348		Insulator (B)	1	A

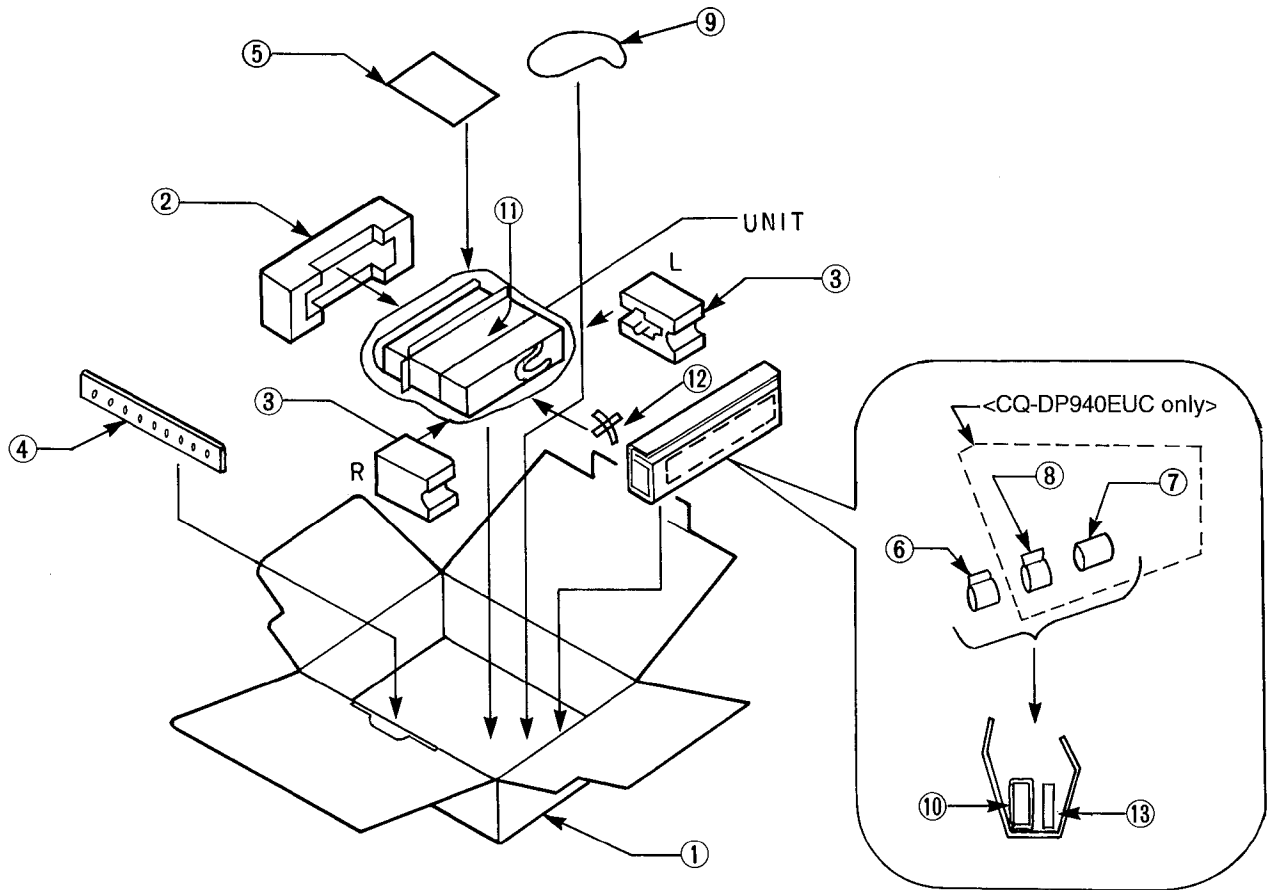
Ref.No.	Part No.	Part Code	Part Name & Description	Pcs set	Remarks
R37	ERJ6GEYJ100		Chip, 10 ohms 0.1W	1	
R38	ERJ6GEYJ150		Chip, 15 ohms 0.1W	1	
R39, 40	ERJ6GEYJ473		Chip, 47k ohms 0.1W	2	
R44	ERJ6GEYJ103		Chip, 10k ohms 0.1W	1	
R45	ERJ6GEYJ155V		Chip, 1.5M ohms 0.1W	1	
R48	ERJ6GEYJ332		Chip, 3.3k ohms 0.1W	1	
R49	ERJ6GEYJ103		Chip, 10k ohms 0.1W	1	
R50	ERJ6GEYJ473		Chip, 47k ohms 0.1W	1	
R51	ERJ6GEYJ4R7		Chip, 4.7 ohms 0.1W	1	
R53	ERJ6GEYJ473		Chip, 47k ohms 0.1W	1	
R54, 55	ERJ6GEYJ103		Chip, 10k ohms 0.1W	2	
R58	ERJ6GEYJ102		Chip, 1k ohms 0.1W	1	
R59 to 63	ERJ6GEYJ473		Chip, 47k ohms 0.1W	5	
R64 to 67	ERJ6GEYJ102		Chip, 1k ohms 0.1W	4	
R68 to 72	ERJ6GEYJ473		Chip, 47k ohms 0.1W	5	
R73	ERJ8GEYJ473		Chip, 47k ohms 0.13W	1	
R74	ERJ6GEYJ473		Chip, 47k ohms 0.1W	1	
R76	ERJ6GEYJ4R7		Chip, 4.7 ohms 0.1W	1	
OSCILLATORS					
X1	RSXC16M9S01T		Oscillator	1	A
X2	RVCST4R00MT		Oscillator	1	A
CONNECTORS					
CN1	RJS2A1816T		Connector, 16P	1	A
CN2	RJS1A7114T		Connector, 14P	1	A
CN3	RJP2G28ZA		Connector, 2P	1	A
CN4	RJS1A7105T		Connector, 5P	1	A

MODELS CQ-DP930/940EUC

Ref.No.	Part No.	Part Code	Part Name & Description	Pcs set	Remarks
127 (4-A)	RMC0350		Insulator (C)	1 A	
128 (4-C)	RMB0342-2		Spring	2 A	
129 (4-C)	RMB0344		Spring	1 A	
130 (4-C)	RMG0348-K		Rubber	1 A	
131 (3-C)	RML0326-1		Lever	1 A	
132 (3-C)	RMM0115-1		Arm (A)	1 A	
133 (3-C)	RMM0116		Arm (B)	1 A	
134 (2-C)	RMR0726-W2		Disc Guide	1 A	
135 (4-C)	RXK0171-1		Chassis Ass'y	1 A	
136 (3-B)	RXL0113		Detector Lever (A)	1 A	
136-1 (3-B)	RDP0074		Roller	1 A	
136-2 (3-B)	RHW12016		Washer	1 A	
137 (3-C)	RXL0114		Detector Lever (B)	1 A	
137-1 (3-C)	RDP0074		Roller	1 A	
137-2 (3-C)	RHW12016		Washer	1 A	
138 (4-C)	RXL0115		Control Arm Ass'y	1 A	
139 (3-B)	RXL0116		Trigger Lever (A)	1 A	
140 (3-C)	RXL0117		Trigger Lever (B)	1 A	
141 (2-C)	RMQ0558		Screw	1 A	
142 (4-B)	RMB0338		Spring	2 A	
143 (3-B)	RMB0340-2		Spring	1 A	
144 (4-A)	RMB0348		Spring	1 A	
145 (3-B)	RXA0154		Motor Angle Ass'y	1 A	
145-1 (3-B)	RMA0934		Terminal	2 A	
146 (2-B)	RDP0086-1		Pulley	1 A	
147 (2-B)	RDV0045		Belt	1 A	
148 (3-B)	REM0059		Motor Ass'y	1 A	
149 (3-B)	RMQ0295		Spring	1 A	
150 (3-A)	RMQ0484		Sheet	1 A	
151 (3-A)	RXK0193		Chassis Ass'y	1 A	
152 (4-A)	RMA0757		Fixer	1 A	
153 (4-A)	RMR0725-W		Disc Holder	1 A	
154 (4-A)	RXL0112-1		Clamper Arm Ass'y	1 A	
155 (2-A)	RMQ0294		Spring Plate	1 A	

Ref.No.	Part No.	Part Code	Part Name & Description	Pcs set	Remarks
156 (2-A)	RMC0300-1		Spring Plate	1 A	
157 (3-A)	RAF0140A		Optical Pick Up Ass'y	1 A	
158 (2-A)	RMR0849-W		Nut Plate	1 A	
159 (4-B)	REE0562		FFC	1 A	
160 (3-A)	RFKPMC16PBZ		Motor Ass'y	1 A	
161 (2-A)	RXJ0016		Worm Gear	1 A	
162 (2-A)	XQN17-BG45		Screw	1 A	
163 (3-A)	RMB0339		Spring	2 A	
164 (4-A)	RMB0345-2		Spring	1 A	
165 (4-A)	RMQ0461		Screw	3 A	
166(2-A)(2-B)	XTW2+6S		Screw	4	
167(4-B)(4-C)	XTN2+4F		Screw	2 A	
168 (2-B)	RMQ0265		Spring	1 A	

PACKING PARTS LIST



● Item numbers listed below should not order regular spare parts. (not available)

Item No.	Part No.	Part Name & Description	Q'ty	Remarks
①	—	Inner Carton	1	Not available
②	—	Packing pad Front	1	Not available
③	—	Packing pad R and L	1	Not available
④	YEFG04019	Rear Support Strap	1	
⑤	YEP9PR3227	Instruction Book Kit	1	Not available
	YEFM282813	Instruction Book	(1)	
		Warranty Card for USA	(1)	Not available
		Servicenter List	(1)	Not available
⑥	YEP9FZ2714	Screw Kit	1	
⑦	CR2025/1F	Battery <CQ-DP940EUC>	1	
⑧	YEFX9991526A	Remote Control Unit <CQ-DP940EUC>	1	
⑨	YEAJ02765	Power Connector	1	
⑩	YEFA131290	Removal Face Plate Case	1	
⑪	YEFX0214198	Mounting Collar	1	
⑫	YEFX9991721	Unlock Key	1	
⑬	YEF05554	Trim Plate	1	