

Panasonic®**ORDER NO. VM1410011CE****B27**

Service Manual

4K Video Camera

Model No. **HC-X1000PP**
HC-X1000E
HC-X1000EE
HC-X1000GC

Colour

(K).....Black Type



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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1 Safety Precautions

1.1 General Guidelines

1. IMPORTANT SAFETY NOTICE

- There are special components used in this equipment which are important for safety. These parts are marked by  in the Schematic Diagrams, Circuit Board Layout, Exploded Views and Replacement Parts List. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent X-RADIATION, shock, fire, or other hazards. Do not modify the original design without permission of manufacturer.
2. An Isolation Transformer should always be used during the servicing of AC Adaptor whose chassis is not isolated from the AC power line. Use a transformer of adequate power rating as this protects the technician from accidents resulting in personal injury from electrical shocks. It will also protect AC Adaptor from being damaged by accidental shorting that may occur during servicing.
 3. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
 4. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
 5. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

1.2 Leakage Current Cold Check

1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
2. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. When the exposed metallic part has a return path to the chassis, the reading should be between 1 M Ω and 5.2 M Ω . When the exposed metal does not have a return path to the chassis, the reading must be infinity.

1.3 Leakage Current Hot Check (See Figure. 1)

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a 1.5 k Ω , 10 W resistor, in parallel with a 0.15 μ F capacitor, between each exposed metallic part on the set and a good earth ground, as shown in Figure. 1.
3. Use an AC voltmeter, with 1 k Ω /V or more sensitivity, to measure the potential across the resistor.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reverse the AC plug in the AC outlet and repeat each of the above measurements.
6. The potential at any point should not exceed 0.75 V RMS. A leakage current tester (Simpson Model 229 or equivalent) may be used to make the hot checks, leakage current must not exceed 1/2 mA. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

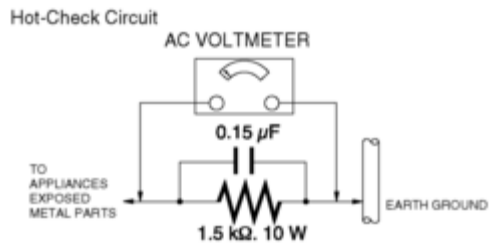


Figure. 1

2 Warning

2.1 Prevention of Electrostatic Discharge (ESD) to Electrostatically Sensitive (ES) Devices

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by electrostatic discharge (ESD).

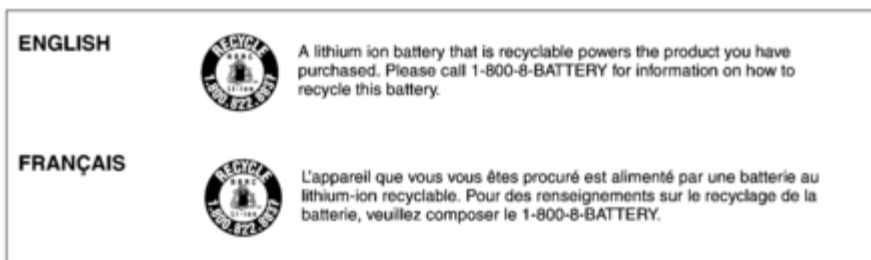
1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any ESD on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging ESD wrist strap, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
4. Use only an antistatic solder removal device. Some solder removal devices not classified as "antistatic (ESD protected)" can generate electrical charge sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive material).
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

CAUTION :

Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.

8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise harmless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity (ESD) sufficient to damage an ES device).

2.2 How to Recycle the Lithium Ion Battery (U.S. Only)



2.3 Caution for AC Cord (For E/GC)

2.3.1 Information for Your Safety

IMPORTANT

Your attention is drawn to the fact that recording of pre-recorded tapes or discs or other published or broadcast material may infringe copyright laws.

WARNING

To reduce the risk of fire or shock hazard, do not expose this equipment to rain or moisture.

CAUTION

To reduce the risk of fire or shock hazard and annoying interference, use the recommended accessories only.

FOR YOUR SAFETY

DO NOT REMOVE THE OUTER COVER

To prevent electric shock, do not remove the cover. No user serviceable parts inside. Refer servicing to qualified service personnel.

2.3.2 Caution for AC Mains Lead

For your safety, please read the following text carefully.

This appliance is supplied with a moulded three-pin mains plug for your safety and convenience.

A 5-ampere fuse is fitted in this plug.

Should the fuse need to be replaced please ensure that the replacement fuse has a rating of 5 amperes and it is approved by ASTA or BSI to BS1362

Check for the ASTA mark or the BSI mark on the body of the fuse.



If the plug contains a removable fuse cover you must ensure that it is refitted when the fuse is replaced.

If you lose the fuse cover, the plug must not be used until a replacement cover is obtained.

A replacement fuse cover can be purchased from your local Panasonic Dealer.

If the fitted moulded plug is unsuitable for the socket outlet in your home then the fuse should be removed and the plug cut off and disposed of safely.

There is a danger of severe electrical shock if the cut off plug is inserted into any 13-ampere socket.

If a new plug is to be fitted please observe the wiring code as shown below.

If in any doubt, please consult a qualified electrician.

2.3.2.1 Important

The wires in this mains lead are coloured in accordance with the following code:

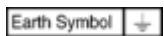
Blue	Neutral
Brown	Live

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured BLUE must be connected to the terminal in the plug which is marked with the letter N or coloured BLACK.

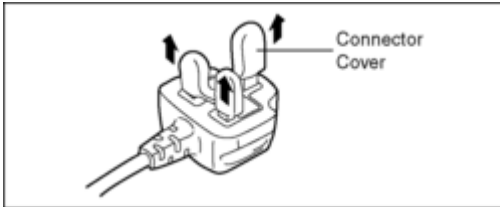
The wire which is coloured BROWN must be connected to the terminal in the plug which is marked with the letter L or coloured RED.

Under no circumstances should either of these wires be connected to the earth terminal of the three pin plug, marked with the letter E or the Earth Symbol.



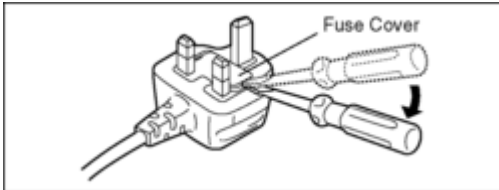
2.3.2.2 Before Use

Remove the Connector Cover as follows.

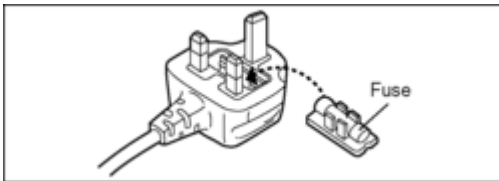


2.3.2.3 How to Replace the Fuse

1. Remove the Fuse Cover with a screwdriver.



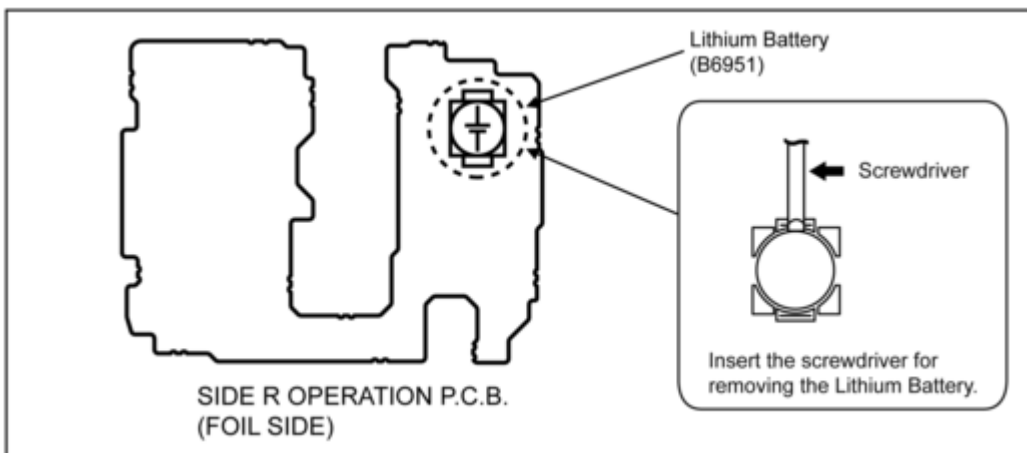
2. Replace the fuse and attach the Fuse cover.



2.4 How to Replace the Lithium Battery

2.4.1 Replacement Procedure

1. Remove the SIDE R OPERATION P.C.B.. (Refer to Disassembly Procedures.)
2. Remove the Lithium battery (Ref. No. "B6951" at foil side of SIDE R OPERATION P.C.B.) and then replace it into new one.



NOTE:

This Lithium battery is a critical component.

It must never be subjected to excessive heat or discharge.

It must therefore only be fitted in requirement designed specifically for its use.

Replacement batteries must be of same type and manufacture.

They must be fitted in the same manner and location as the original battery, with the correct polarity contacts observed.

Do not attempt to re-charge the old battery or re-use it for any other purpose.

It should be disposed of in waste products destined for burial rather than incineration.

(For English)

CAUTION

Danger of explosion if battery is incorrectly replaced.
Replace only with the same or equivalent type recommended by the manufacturer.
Dispose of used batteries according to the manufacturer's instructions.

(For German)

ACHTUNG

Explosionsgefahr bei falschem Anbringen der Batterie. Ersetzen Sie nur mit einem äquivalentem vom Hersteller empfohlenem Typ.
Behandeln Sie gebrauchte Batterien nach den Anweisungen des Herstellers.

(For French)

MISE EN GARDE

Une batterie de remplacement inappropriée peut exploser. Ne remplacez qu'avec une batterie identique ou d'un type recommandé par le fabricant. L'élimination des batteries usées doit être faite conformément aux instructions du fabricant.

NOTE:

Above caution is applicable for a battery pack which is for HC-X1000 series, as well.

2 Warning

2.1 Prevention of Electrostatic Discharge (ESD) to Electrostatically Sensitive (ES) Devices

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by electrostatic discharge (ESD).

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any ESD on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging ESD wrist strap, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
4. Use only an antistatic solder removal device. Some solder removal devices not classified as "antistatic (ESD protected)" can generate electrical charge sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive material).
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

CAUTION :

Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.

8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise harmless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity (ESD) sufficient to damage an ES device).

2.2 How to Recycle the Lithium Ion Battery (U.S. Only)

ENGLISH		A lithium ion battery that is recyclable powers the product you have purchased. Please call 1-800-8-BATTERY for information on how to recycle this battery.
FRANÇAIS		L'appareil que vous vous êtes procuré est alimenté par une batterie au lithium-ion recyclable. Pour des renseignements sur le recyclage de la batterie, veuillez composer le 1-800-8-BATTERY.

2.3 Caution for AC Cord (For E/GC)

2.3.1 Information for Your Safety

IMPORTANT

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WARNING

To reduce the risk of fire or shock hazard, do not expose this equipment to rain or moisture.

CAUTION

To reduce the risk of fire or shock hazard and annoying interference, use the recommended accessories only.

FOR YOUR SAFETY

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This appliance is supplied with a moulded three-pin mains plug for your safety and convenience.

A 5-ampere fuse is fitted in this plug.

Should the fuse need to be replaced please ensure that the replacement fuse has a rating of 5 amperes and it is approved by ASTA or BSI to BS1362

Check for the ASTA mark or the BSI mark on the body of the fuse.



If the plug contains a removable fuse cover you must ensure that it is refitted when the fuse is replaced.

If you lose the fuse cover, the plug must not be used until a replacement cover is obtained.

A replacement fuse cover can be purchased from your local Panasonic Dealer.

If the fitted moulded plug is unsuitable for the socket outlet in your home then the fuse should be removed and the plug cut off and disposed of safely.

There is a danger of severe electrical shock if the cut off plug is inserted into any 13-ampere socket.

If a new plug is to be fitted please observe the wiring code as shown below.

If in any doubt, please consult a qualified electrician.

2.3.2.1 Important

The wires in this mains lead are coloured in accordance with the following code:

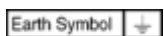
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Brown	Live

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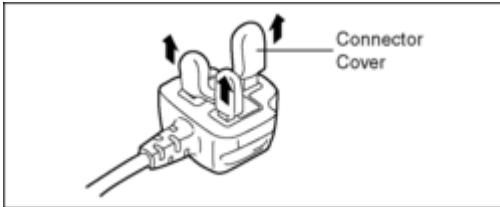
The wire which is coloured BROWN must be connected to the terminal in the plug which is marked with the letter L or coloured RED.

Under no circumstances should either of these wires be connected to the earth terminal of the three pin plug, marked with the letter E or the Earth Symbol.



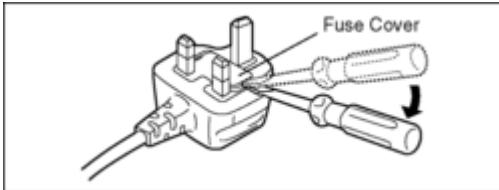
2.3.2.2 Before Use

Remove the Connector Cover as follows.

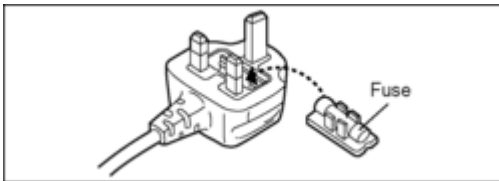


2.3.2.3 How to Replace the Fuse

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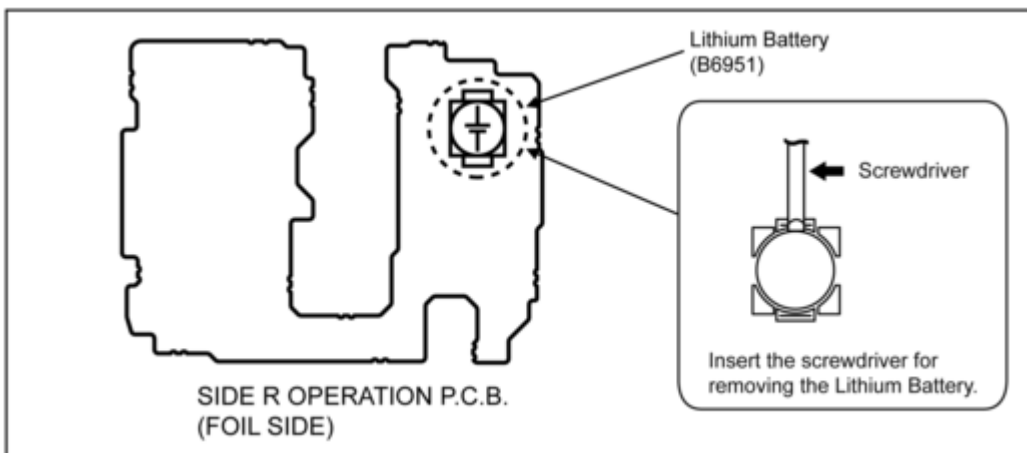
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2.4.1 Replacement Procedure

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2. Remove the Lithium battery (Ref. No. "B6951" at foil side of SIDE R OPERATION P.C.B.) and then replace it into new one.



NOTE:

This Lithium battery is a critical component.

It must never be subjected to excessive heat or discharge.

It must therefore only be fitted in requirement designed specifically for its use.

Replacement batteries must be of same type and manufacture.

They must be fitted in the same manner and location as the original battery, with the correct polarity contacts observed.

Do not attempt to re-charge the old battery or re-use it for any other purpose.

It should be disposed of in waste products destined for burial rather than incineration.

(For English)

CAUTION

Danger of explosion if battery is incorrectly replaced.
Replace only with the same or equivalent type recommended by the manufacturer.
Dispose of used batteries according to the manufacturer's instructions.

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MISE EN GARDE

Une batterie de remplacement inappropriée peut exploser. Ne remplacez qu'avec une batterie identique ou d'un type recommandé par le fabricant. L'élimination des batteries usées doit être faite conformément aux instructions du fabricant.

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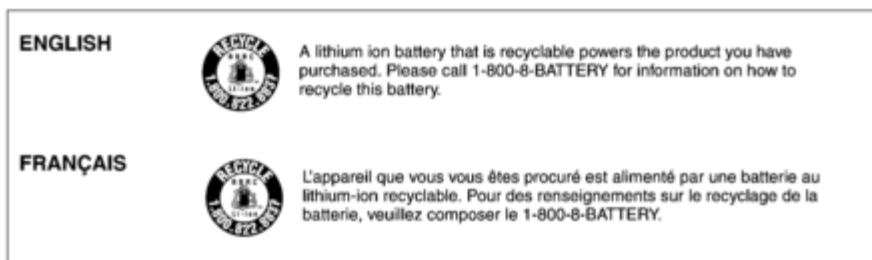
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2.2 How to Recycle the Lithium Ion Battery (U.S. Only)



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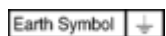
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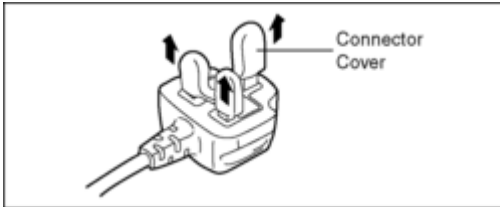
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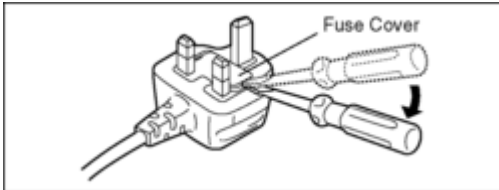
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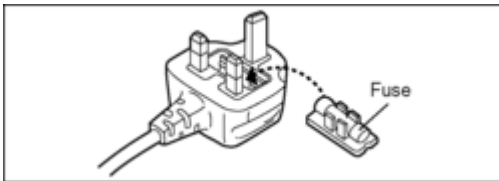


2.3.2.3 How to Replace the Fuse

1. Remove the Fuse Cover with a screwdriver.



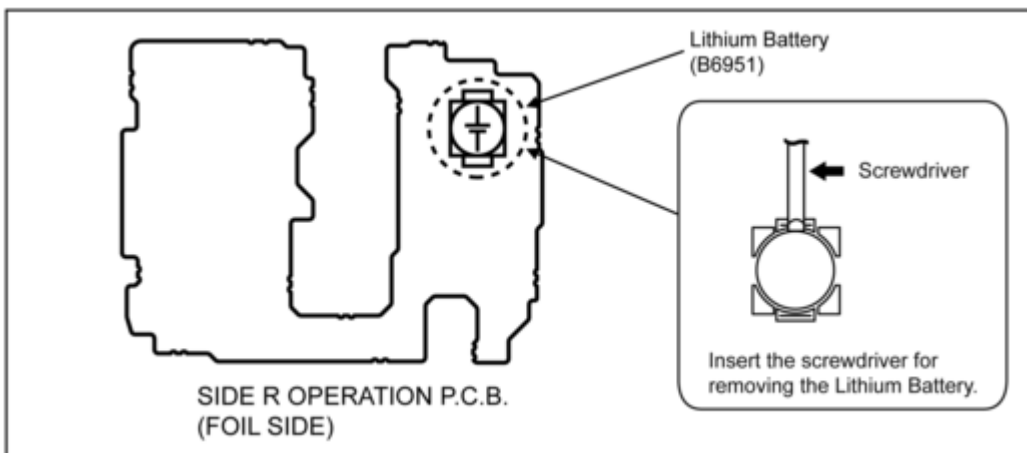
2. Replace the fuse and attach the Fuse cover.



2.4 How to Replace the Lithium Battery

2.4.1 Replacement Procedure

1. Remove the SIDE R OPERATION P.C.B.. (Refer to Disassembly Procedures.)
2. Remove the Lithium battery (Ref. No. "B6951" at foil side of SIDE R OPERATION P.C.B.) and then replace it into new one.



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(For English)

CAUTION

Danger of explosion if battery is incorrectly replaced.
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(For French)

MISE EN GARDE

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NOTE:

Above caution is applicable for a battery pack which is for HC-X1000 series, as well.

3 Service Navigation

3.1 Introduction

This service manual contains technical information, which allow service personnel's to understand and service this model. Please place orders using the parts list and not the drawing reference numbers.

If the circuit is changed or modified, the information will be followed by service manual to be controlled with original service manual.

3.2 General Description About Lead Free Solder (PbF)

The lead free solder has been used in the mounting process of all electrical components on the printed circuit boards used for this equipment in considering the globally environmental conservation.

The normal solder is the alloy of tin (Sn) and lead (Pb). On the other hand, the lead free solder is the alloy mainly consists of tin (Sn), silver (Ag) and Copper (Cu), and the melting point of the lead free solder is higher approx.30°C (86°F) more than that of the normal solder.

Distinction of P.C.B. Lead Free Solder being used

The letter of "PbF" is printed either foil side or components side on the P.C.B. using the lead free solder.(See right figure)	PbF
--	-----

Service caution for repair work using Lead Free Solder (PbF)

- The lead free solder has to be used when repairing the equipment for which the lead free solder is used. (Definition: The letter of "PbF" is printed on the P.C.B. using the lead free solder.)
- To put lead free solder, it should be well molten and mixed with the original lead free solder.
- Remove the remaining lead free solder on the P.C.B. cleanly for soldering of the new IC.
- Since the melting point of the lead free solder is higher than that of the normal lead solder, it takes the longer time to melt the lead free solder.
- Use the soldering iron (more than 70W) equipped with the temperature control after setting the temperature at 350±30°C (662±86°F).

Recommended Lead Free Solder (Service Parts Route.)

- The following 3 types of lead free solder are available through the service parts route.
SVKZ000001----- (0.3mm 100g Reel)
SVKZ000002----- (0.6mm 100g Reel)
SVKZ000003----- (1.0mm 100g Reel)

Note

* Ingredient: Tin (Sn) 96.5%, Silver (Ag) 3.0%, Copper (Cu) 0.5%. (Flux cored)

3.3 How to Define the Model Suffix (NTSC or PAL model)

There are four kinds of HC-X1000.

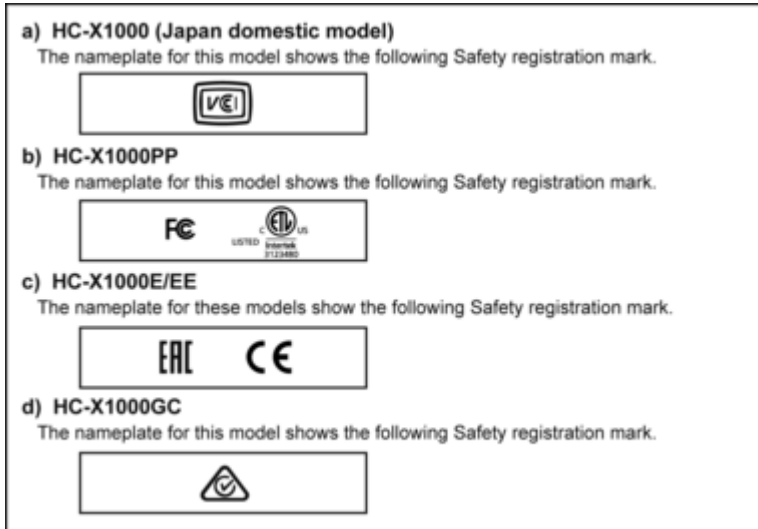
- a) HC-X1000 (Japan domestic model)

- b) HC-X1000PP
- c) HC-X1000E/EE
- d) HC-X1000GC

What is the difference is that the "INITIAL SETTING" data which is stored in Flash ROM mounted on Main P.C.B..

3.3.1 Defining methods:

To define the model suffix to be serviced, refer to the rating label and caution label which are putted on the Unit.



NOTE:

After replacing the MAIN P.C.B., be sure to achieve adjustment.

3.4 Baking of replacement IC and defective P.C.B.

When replacing the CSP/BGA/QFN type IC mounted on the P.C.B., the problem of IC crack or foil pattern breaking in the P.C.B.

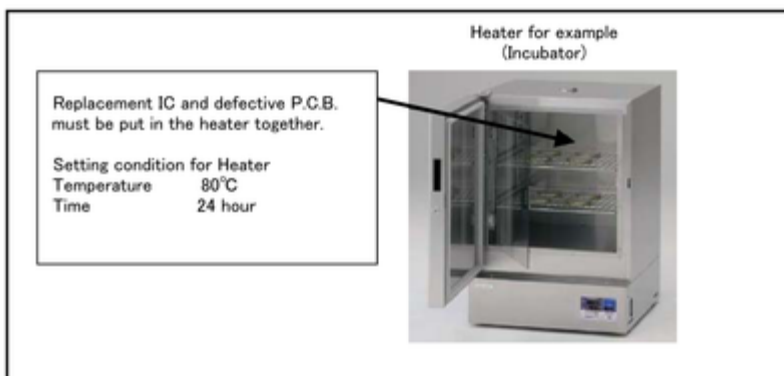
might sometimes occur by rapid heating.

In order to improve the success rate of IC replacement for repair, it would be required to work out baking of replacement IC and defective P.C.B. before replacing IC.

Please refer the way of baking as follows.

Replacement IC and defective P.C.B. must be put in the heater together.

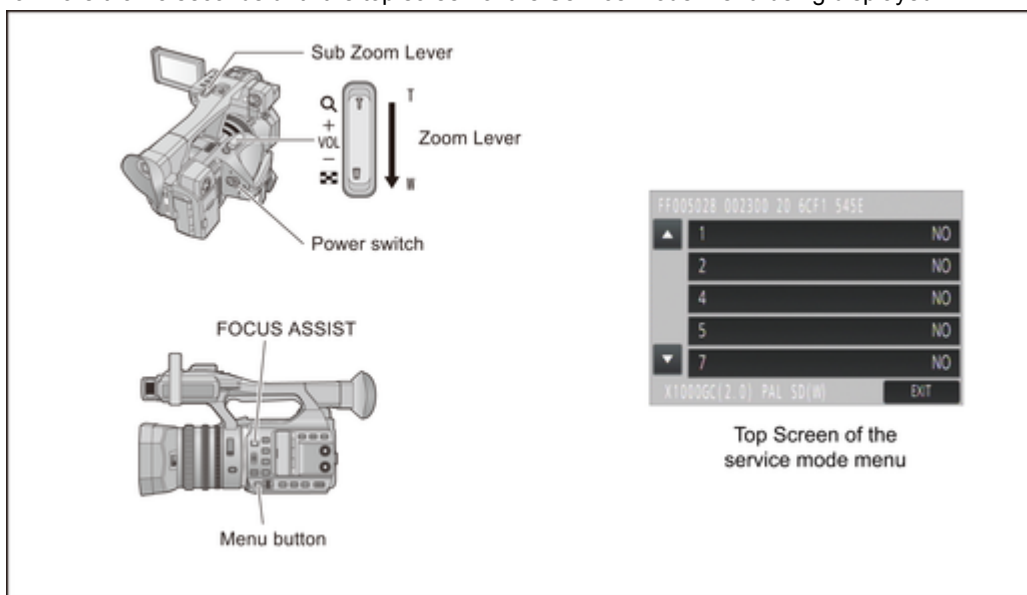
- Baking temperature and time (Hour)
80°C / 24 hour



6 Service Mode

Indication method of the service menu

1. Set the power switch to ON, and turn to ON.
2. While pressing the “MENU”button to “FOCUS ASSIST”button and “Zoom Lever” (or “Sub zoom lever”) to W side for more than 3 seconds until the top screen of the Service Mode Menu being displayed.



Service mode menu

Screen display	Contents	Function
1	Factory settings	Function to throw a product up in a factory shipment state.
2	Model/Destination settings	Change the Model/Destination. (Selectable models and destinations are displayed.)
4	Lock search history indication	Display the camera system and fan system error code for three histories saved in EEPROM.
5	Power ON self check result display	Power ON self check (function to diagnose correct function of the device and interface between devices) result display.
14	Adjutment function for the service	The service adjustment do setup and adjustment of the following items required in the field service.
15	Restore the backed up adjustment data	Restore the adjustment data to new or repaired Main P.C.B. from SD card that the data backed up from original Main P.C.B. before repairs or replacement.
16	Touch panel calibration	Calibrate the touch positions of the touch panel.
17	NFC initialization	Performs the Initialization of the NFC chip and erase the settings like as Wi-Fi connection etc..

NOTE:

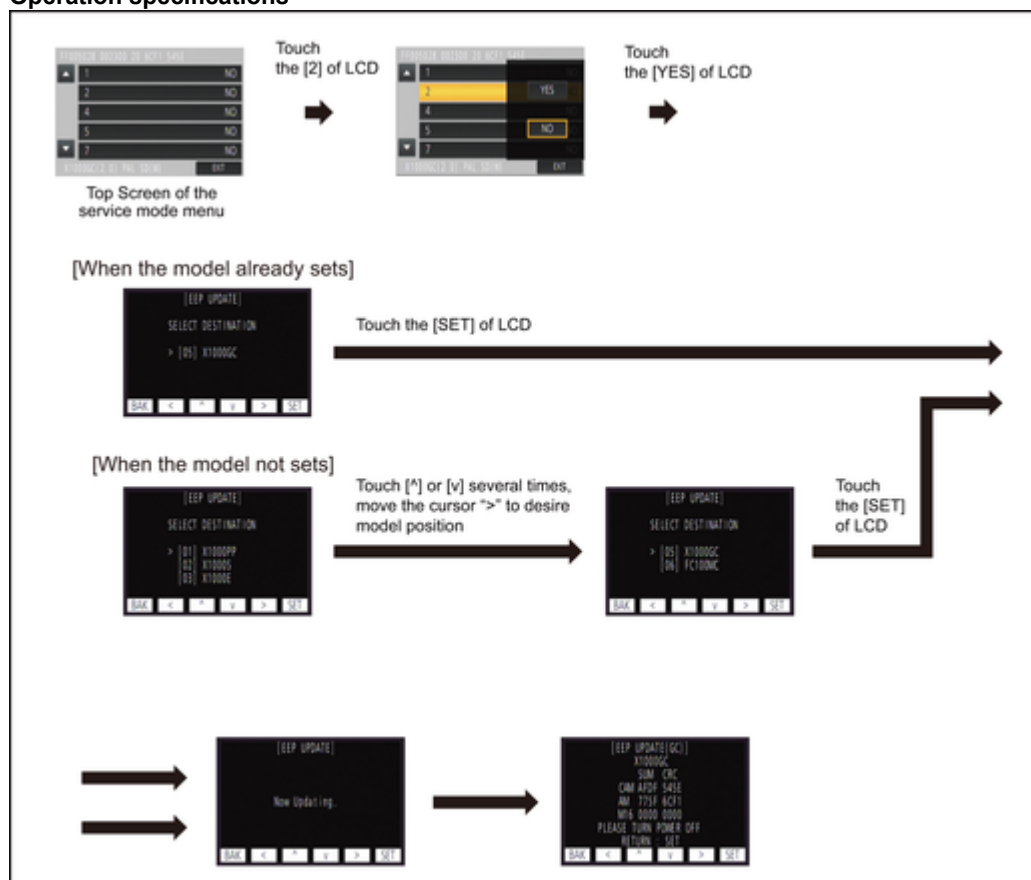
Do not using service mode except above table of Service mode menu.

3. End method of the top screen of the service mode menu
Touch the [EXIT] of LCD to end the service mode, and then POWER OFF.

6.1 Model/Destination Settings

Touch the [2] of LCD, select model/destination settings.

Operation specifications



Function description

- Change the Model/Destination
Display the lists of model/destination which the unit can be changed, if a shipment setup is finished. Therefore in some cases, the model/destination that is currently set is only displayed.

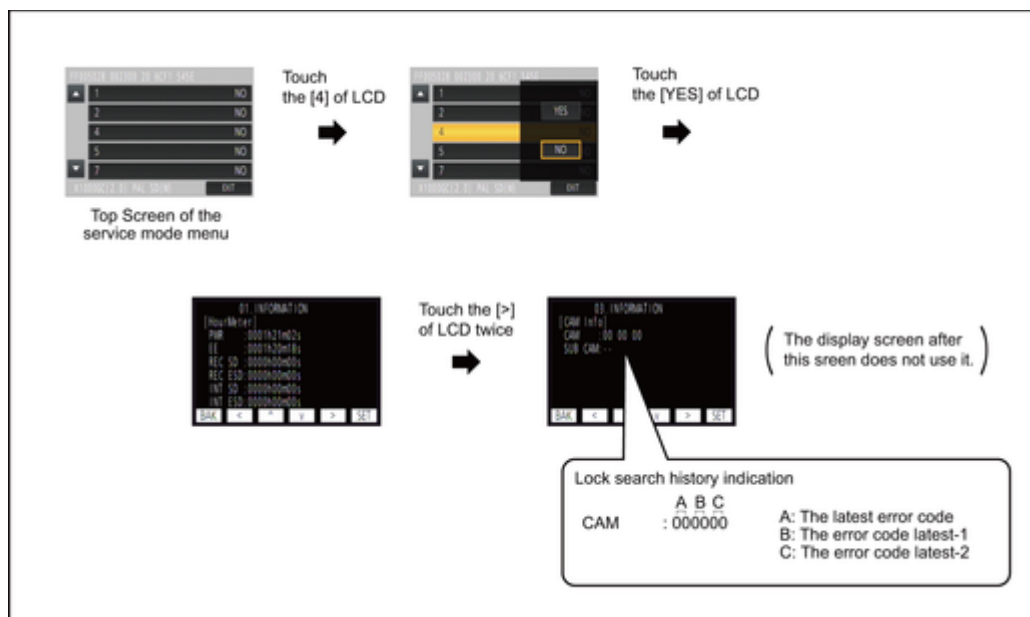
End method of operation

- Touch the [SET] of LCD to exit the mode/destination settings, and then POWER OFF.

6.2 Lock Search and Error History Indication

Touch the [4] of LCD, select Lock search and error history indication.

Operation specifications



Indication contents

- Lock search history indication of camera
Display the camera system and fan system error code for three histories saved in EEPROM.
- The error code contents which are displayed

Error code	Description	Problematic Parts
51	Focus control is abnormal	LENS UNIT
52	Zoom control is abnormal	2ND STEPPING MOTOR / LENS UNIT
53	OIS lens control is abnormal	LENS UNIT
54	Zoom control is abnormal (2)	3RD STEPPING MOTOR / LENS UNIT
55	Zoom control is abnormal (3)	4TH STEPPING MOTOR / LENS UNIT
72	Fan is abnormal	DC FAN MOTOR UNIT

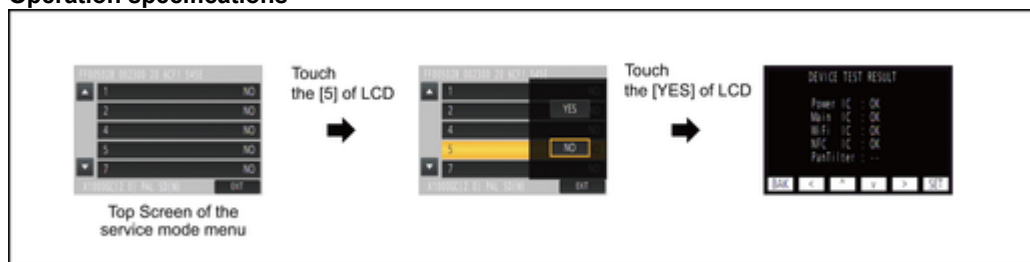
End method of operation

- Touch the [BAK] of LCD to exit the lock search and error history indication, and then POWER OFF.

6.3 Power ON Self Check Result Display

Touch the [5] of LCD, select Power ON self check result display.

Operation specifications



Indication contents

- Power ON self check result display
Function to diagnose correct function of the device and interface between devices result display.
Display the following communication test result.

- Power IC : Communication test between IC3401 and IC2303
- Main IC : DDR. Communication test inside IC3401
- WiFi IC : Communication test between IC3401 and Wi-Fi Module
- NFC IC : Communication test between IC3401 and NFC P.C.B. Unit

Display other than “OK” are abnormalities of each lines.

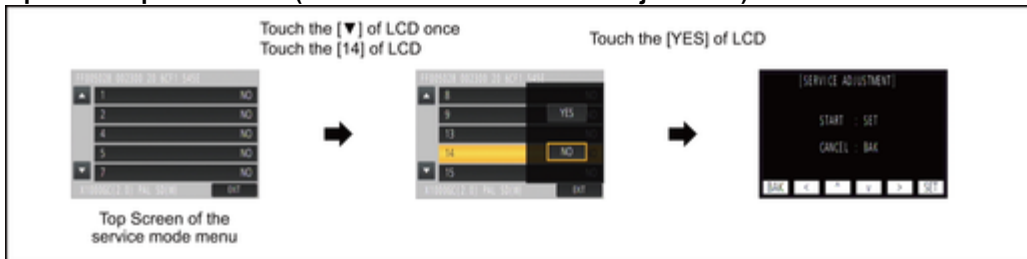
End method of operation

- Touch the [BAK] of LCD to exit the power on self check result display, and the POWER OFF.

6.4 Adjustment function for the Service

Touch the [14] of LCD, select the adjustment function for the service.

Operation Specifications (until before the start of the adjustment)



Function description

The service adjustment do setup and adjustment of the following items required in the field service.

For a detailed content, such as the adjustment procedure, refer to “9 Measurements and Adjustments”.

- Model setting
- Setting of the file name for adjustment data backup to SD card
- Execution of adjustment data backup to SD card
- Checking of Switches
- Zoom Lever adjustment
- Camera adjustment (Iris, Gyro, OIS and White Missing pixels)
- Zoom/Tracking adjustment (with Zoom hysteresis adjustment), ND Focus adjustment
- ND WB GAIN adjustment
- Indoor White Balance Adjustment (SHADING, CH-GAIN, PWM, WB)
- Outdoor White Balance Adjustment (PWM, WB)
- Level shot adjustment

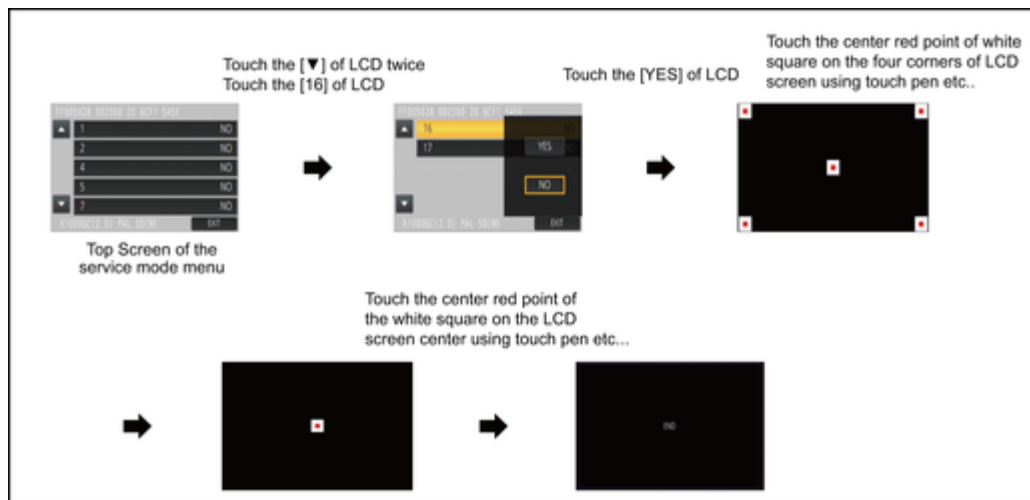
End method of operation

- Set the power switch to OFF to turn the unit off.

6.5 Restore the backed up adjustment data

Touch the [15] of LCD, select restoring the backed up adjustment data from SD card to the unit.

Operation Specifications



Function description

Calibrate the touch positions of the touch panel.

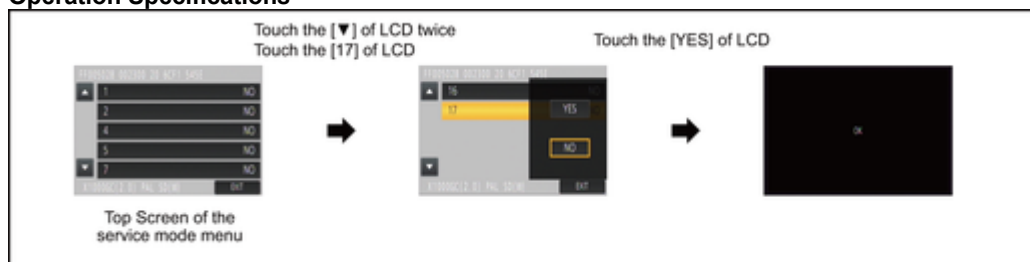
End method of operation

- Set the power switch to OFF to turn the unit off.

6.7 NFC Initialization

Touch the [17] of LCD, select initialization of NFC (Near Field Communication) function.

Operation Specifications



Function description

This function performs the Initialization of the NFC chip and erase the settings like as Wi-Fi connection etc..

End method of operation

- Set the power switch to OFF to turn the unit off.

7 Service Fixture & Tools

7.1 Convenient Jig

Parts Name	Parts No.	Remarks
Coating Clip	VJF1535	It is used after removing a rubber cover.



This Jig is used in order to remove a Release Lever from XLR connector, and it raises the workability at the time of Disassembly and Assembly of the Side Case L Unit.

[Operation Method]

It draws out or equips with a Release Lever after inserting a Jig(VJF1535).
(Refer to the following figure)



7.2 Extension Cable Connection

No extension cable needs for servicing.

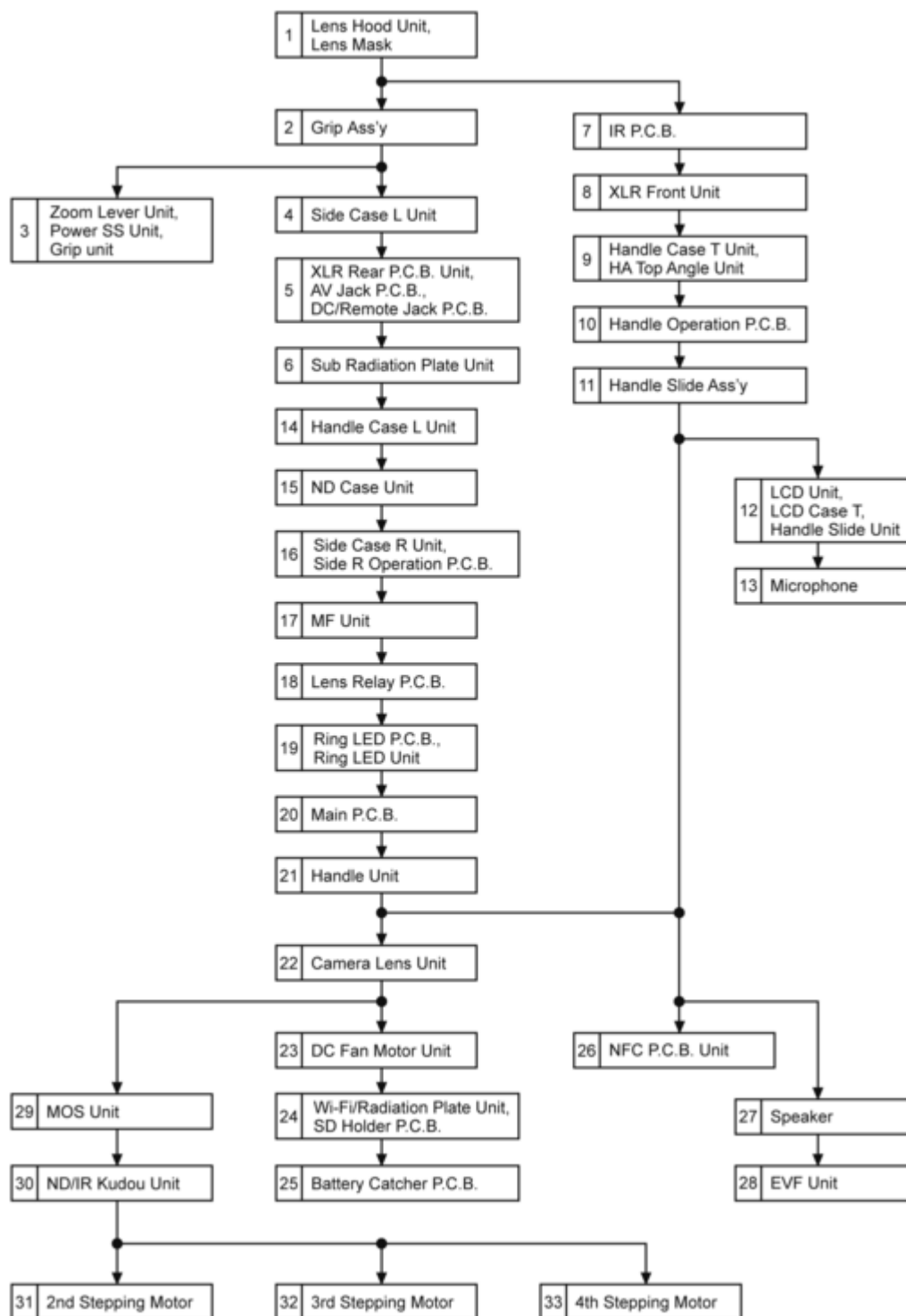
Servicing can be performed only with original cables.

8 Disassembly and Assembly Instructions

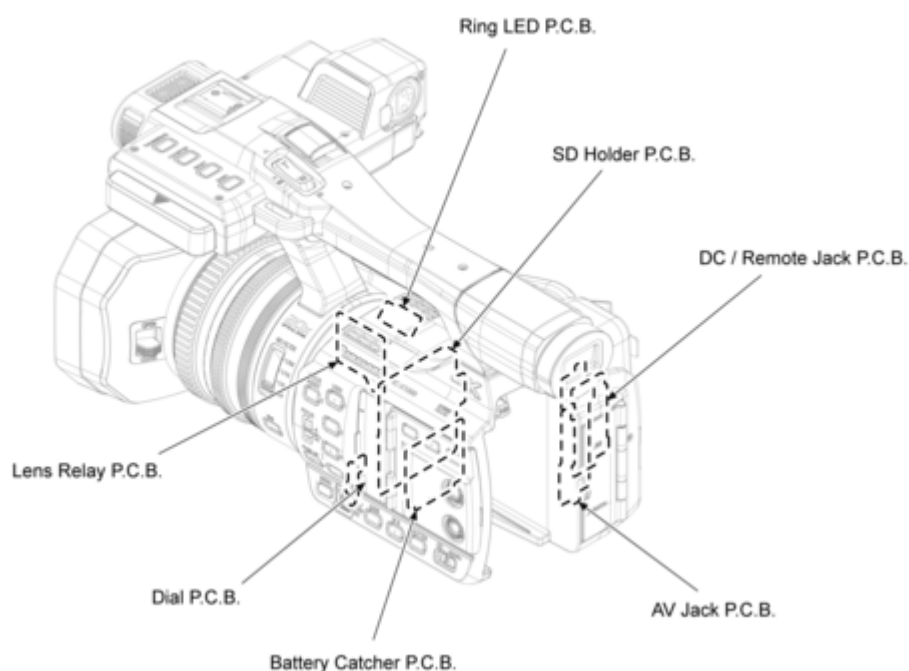
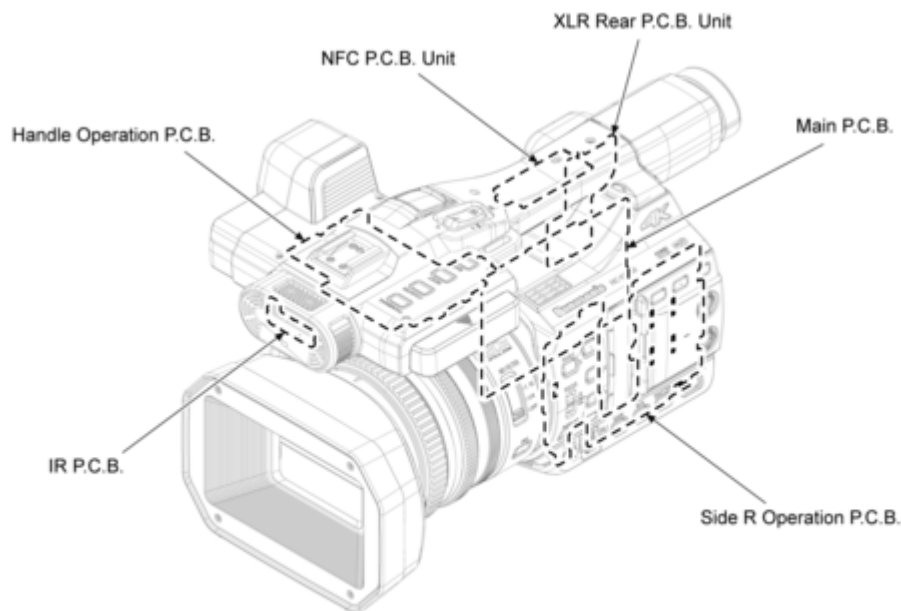
8.1 Disassembly Flow Chart for the Unit

This is a disassembling chart.

When assembling, perform this chart conversely.



8.2 PCB Location



8.3 Disassembly Procedure for the Unit

No.	Item	Fig.	Removal
1	Lens Hood Unit, Lens Mask	(Fig. D1)	Lens Hood Unit
		(Fig. D2)	Screw (A) × 4
			Lens Mask
2	Grip Ass'y	(Fig. D3)	Screw (B) × 7
			Screw (C) × 1
		(Fig. D4)	Locking tab × 2
			Flex
3	Zoom Lever Unit,	(Fig. D5)	Screw (D) × 2

	Power SS Unit, Grip Unit	(Fig. D6)	Screw (E) × 2
			Flex
			Convex × 2
			Convex × 2
			Power SS Earth Plate
			Screw (F) × 2
			Grip Zoom FFC
			Grip Unit
			Power SS Unit
			Screw (G) × 2
			Photo Shot Button
			Photo Earth Plate
			Zoom Lever Unit
			Zoom Base
4	Side Case L Unit	(Fig. D7)	Screw (H) × 6
			Screw (I) × 2
			Screw (J) × 2
			Screw (K) × 1
		(Fig. D8)	Screw (L) × 1
			Screw (M) × 5
			Screw (N) × 1
			Screw (O) × 1
			Locking tab × 1
			Side Case L Unit
5	XLR Rear P.C.B. Unit, AV Jack P.C.B., DC/Remote Jack P.C.B.	(Fig. D9)	Screw (P) × 4
			XLR Angle R
			FP6022 (Flex)
			P6502 (Connector)
			Flex
			Screw (Q) × 2
			XLR Rear P.C.B. Unit
		(Fig. D10)	Jack FFC
			M6 Nut × 1
			Screw (R) × 4
			Convex × 2
			Jack Frame
		(Fig. D11)	Screw (S) × 2
			Locking tab × 2
			Jack Piece Unit
			AV Jack P.C.B.
			DC/Remote Jack P.C.B.
6	Sub Radiation Plate Unit	(Fig. D12)	Power SS FFC
			FP6010 (Flex)
			FP301 (Flex)
			Screw (T) × 2
			Screw (U) × 1
			Sub Radiation Plate Unit
7	IR P.C.B.	(Fig. D13)	Locking tab × 2
			Screw (V) × 1
			Sensor Window Unit
			Screw (W) × 2
			Mic Case A
			Screw (X) × 2
			FP6501 (Flex)
			IR P.C.B.

8	XLR Front Unit	(Fig. D14)	Screw (Y) × 2
			Screw (Z) × 2
			Cable Clamper
			FP6712 (Flex)
			XLR Front Unit
9	Handle Case T Unit, HA Top Angle Unit	(Fig. D15)	FP6716 (Flex)
			Screw (a) × 6
			Screw (b) × 1
			Accessory Shoe Spring
			Screw (c) × 4
			Shoe Hold Plate
			Screw (d) × 2
		(Fig. D16)	Handle Case T Unit
			REC Button
			HA Top Angle Unit
10	Handle Operation P.C.B.	(Fig. D17)	Screw (e) × 3
			FP6709 (Flex)
			FP6710 (Flex)
			FP6711 (Flex)
			FP6713 (Flex)
			FP6708 (Flex)
			P6710 (Connector)
			Hooking part × 1
		(Fig. D18)	PS6719 (Connector)
11	Handle Slide Ass'y	(Fig. D19)	FP6714 (Flex)
			Handle Operation P.C.B.
12	LCD unit, LCD Case T	(Fig. D20)	Screw (f) × 3
			Locking tab × 1
		(Fig. D21)	Screw (g) × 2
			Screw (h) × 2
			Locking tab × 6
			LCD Case T
			Flex A
			Flex B
13	Microphone	(Fig. D22)	Handle Slide Unit
			LCD Unit
			Locking tab × 2
			Mic Case B
			Mic Cushion A
			Mic Cushion B
14	Handle Case L Unit	(Fig. D23)	Mic Cushion C
			Microphone
			Screw (i) × 1
			Screw (j) × 1
			Screw (k) × 1
			Locking tab × 3
15	ND Case Unit	(Fig. D24)	Handle Case L Unit
			Screw (l) × 2
			Locking tab × 2
			Flex
16	Side Case R Unit, Side R Operation P.C.B.	(Fig. D25)	ND Case Unit
			Screw (m) × 4
			Screw (n) × 1
			Screw (o) × 2
			Screw (p) × 2

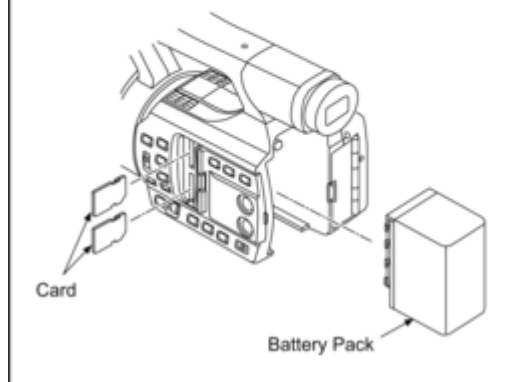
			FP6951 (Flex)
		(Fig. D26)	FP6952 (Flex)
			Screw (q) × 2
			FP6937 (Flex)
			Screw (r) × 1
			Dial P.C.B.
			Kurupon Unit
		(Fig. D27)	Screw (s) × 11
			Side R Operation P.C.B.
			Side Case R Unit
17	MF Unit	(Fig. D28)	P6001 (Connector)
			Screw (t) × 4
			MF Unit
18	Lens Relay P.C.B.	(Fig. D29)	FP6402 (Flex)
			Screw (u) × 2
			Convex × 2
			Hooking part × 1
			Lens Relay P.C.B.
19	Ring LED P.C.B., Ring LED Unit	(Fig. D30)	Screw (v) × 1
			FP6551 (Flex)
		(Fig. D31)	Convex × 2
			LED Earth Plate
			Ring LED P.C.B.
			Ring LED Unit
20	Main P.C.B.	(Fig. D32)	FP6009 (Flex)
			FP6008 (Flex)
			FP6011 (Flex)
			PS6003 (Connector)
			PS6004 (Connector)
			P6024 (Connector)
			Screw (w) × 2
			Screw (x) × 1
			Convex × 2
		(Fig. D33)	P6022 (Connector)
			FP6001 (Flex)
			FP6002 (Flex)
			Main P.C.B.
21	Handle Unit	(Fig. D34)	Screw (y) × 2
		(Fig. D35)	Screw (z) × 4
			Screw (A') × 1
			Handle Unit
22	Camera Lens Unit	(Fig. D36)	Locking tab × 3
		(Fig. D37)	Convex × 2
			Lens Frame L Unit
			Camera Lens Unit
23	DC Fan Motor Unit	(Fig. D38)	DC Fan Motor Unit
24	Wi-Fi/Radiation Plate Unit, SD Holder P.C.B.	(Fig. D39)	Screw (B') × 2
			Screw (C') × 3
			Wi-Fi/Radiation Plate Unit
			SD Holder P.C.B.
25	Battery Catcher P.C.B.	(Fig. D40)	Screw (D') × 4
			Locking tab × 2
			Rear Case Unit
			Locking tab × 2

			Battery Catcher P.C.B.
26	NFC P.C.B. Unit	(Fig. D41)	Screw (E') × 1
			Convex × 1
			NFC P.C.B. Unit
27	Speaker	(Fig. D42)	Screw (F') × 1
		(Fig. D43)	Screw (G') × 1
			Convex × 1
			Speaker Angle
			Speaker
28	EVF Unit	(Fig. D44)	Locking tab × 2
			Handle Case R
			Locking tab × 4
			EVF Wire Guide
		(Fig. D45)	Screw (H') × 1
			EVF Unit
29	MOS Unit	(Fig. D46)	Dust Protector Ring
			Screw (I') × 3
			MOS Unit
30	ND/IR Kudou Unit	(Fig. D47)	Solder (5 points)
			Screw (J') × 2
			Convex × 2
			ND/IR Kudou Unit
31	2nd Stepping Motor	(Fig. D48)	Solder (4 points)
			Screw (K') × 2
			2nd Stepping Motor
32	3rd Stepping Motor	(Fig. D49)	Solder (4 points)
			Screw (L') × 3
			Convex × 1
			3rd Stepping Motor
33	4th Stepping Motor	(Fig. D50)	Solder (4 points)
			Screw (M') × 2
			Convex × 2
			4th Stepping Motor

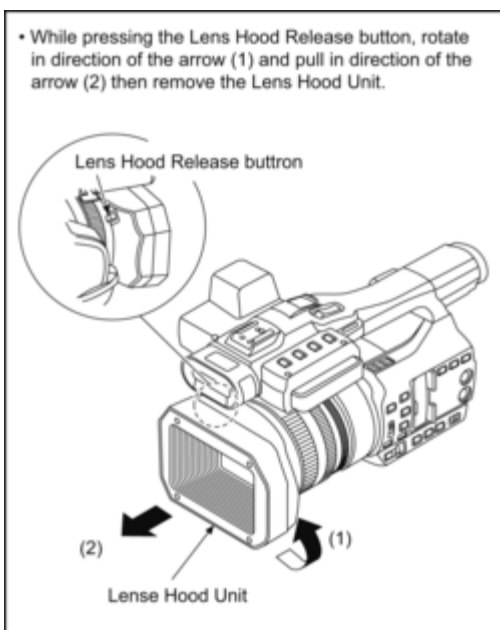
NOTE:

- When servicing and reassembling, remove the card and battery from the unit.

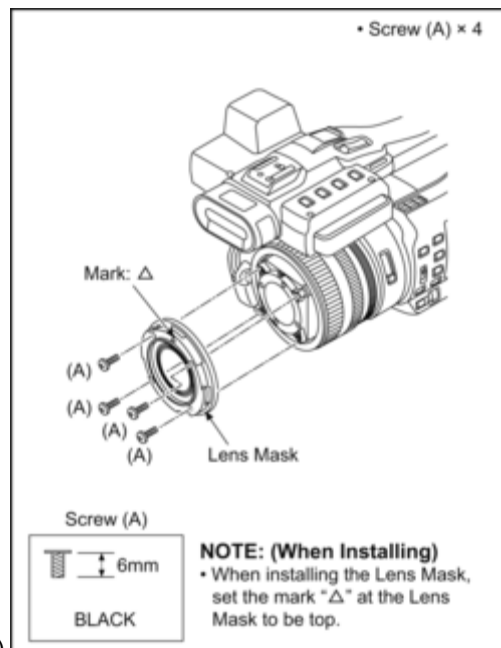
- Card
- Battery Pack



8.3.1 Removal of the Lens Hood Unit, Lens Mask

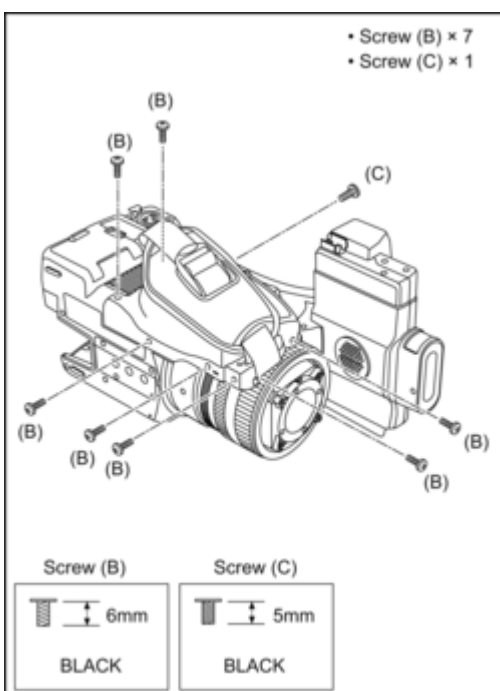


(Fig. D1)

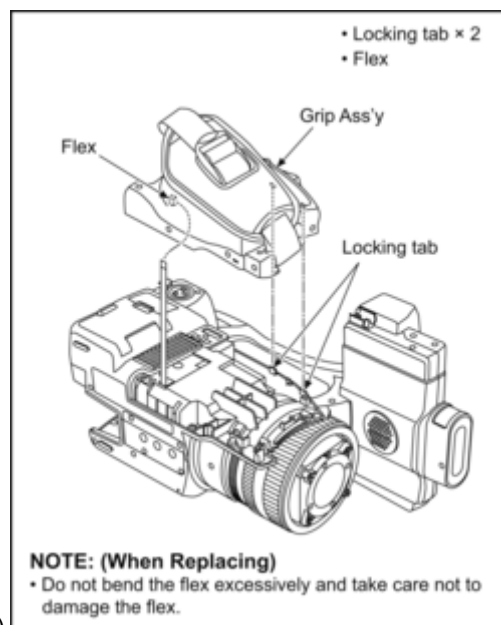


(Fig. D2)

8.3.2 Removal of the Grip Ass'y

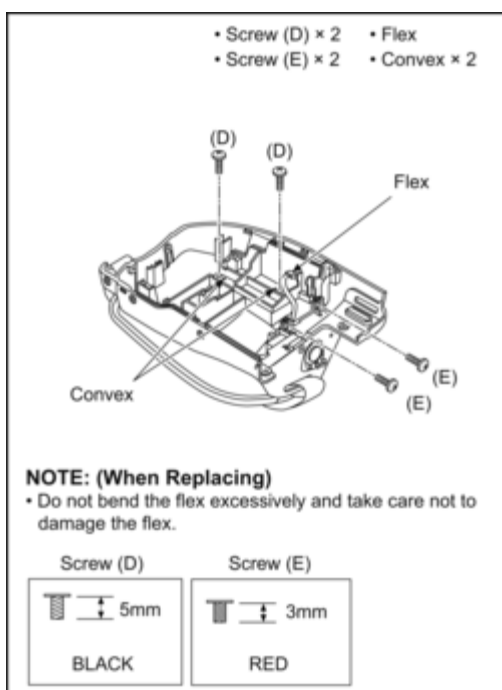


(Fig. D3)

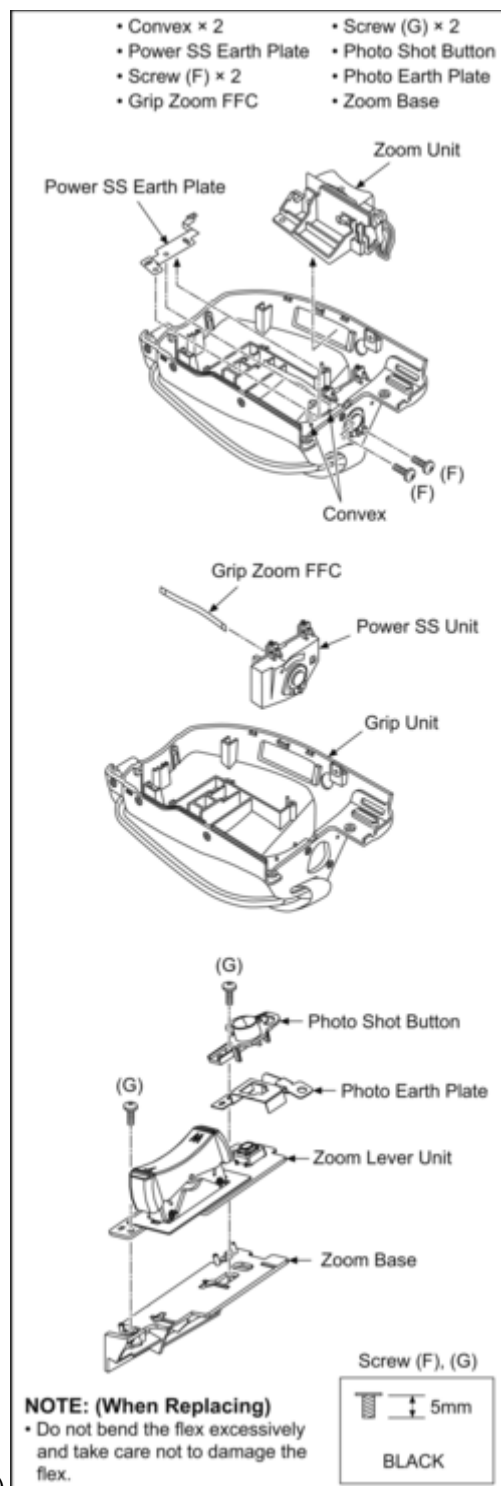


(Fig. D4)

8.3.3 Removal of the Zoom Lever Unit, Power SS Unit, Grip Unit

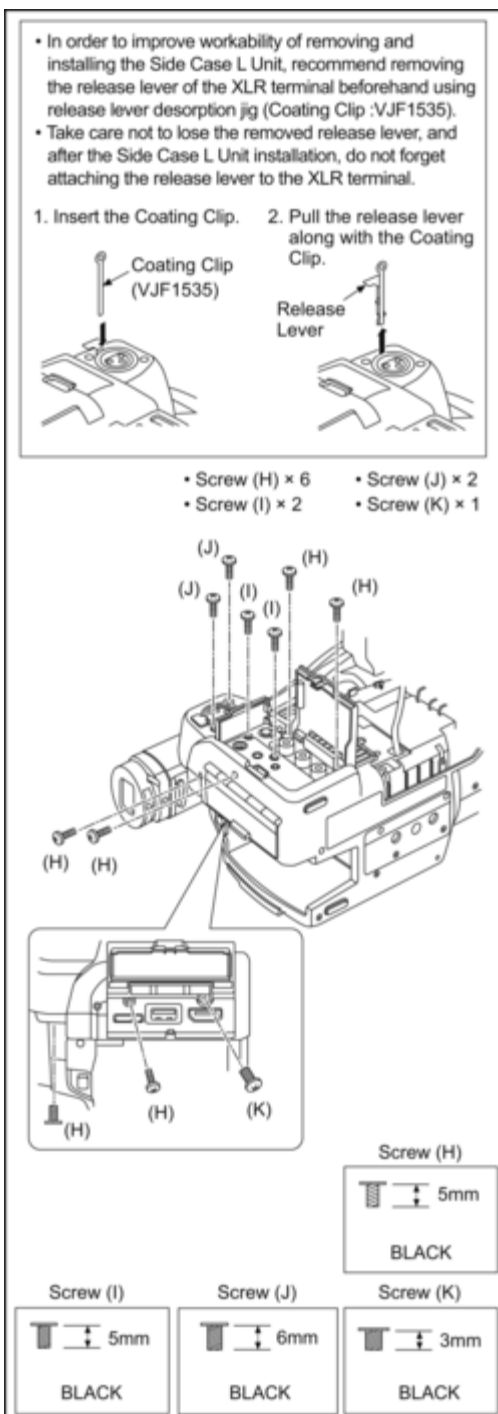


(Fig. D5)

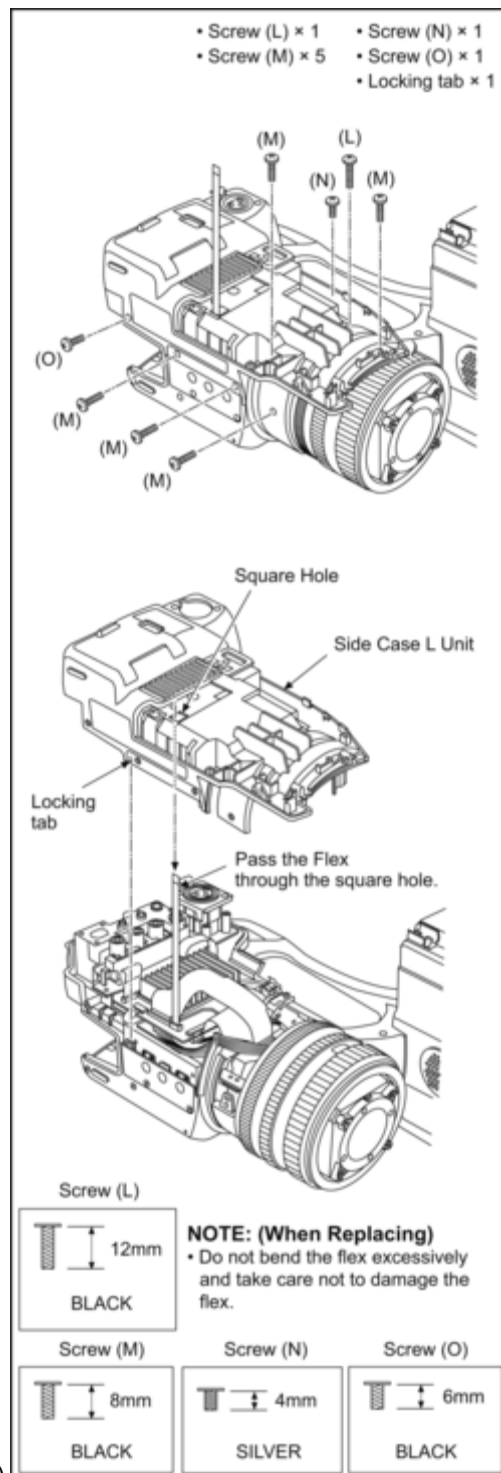


(Fig. D6)

8.3.4 Removal of the Side Case L Unit

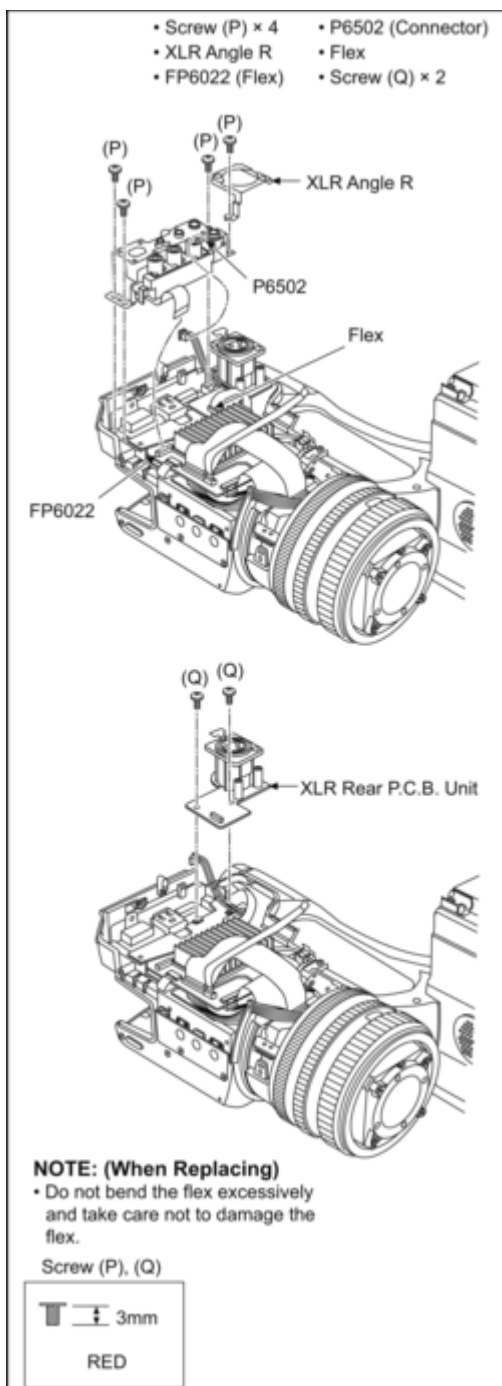


(Fig. D7)

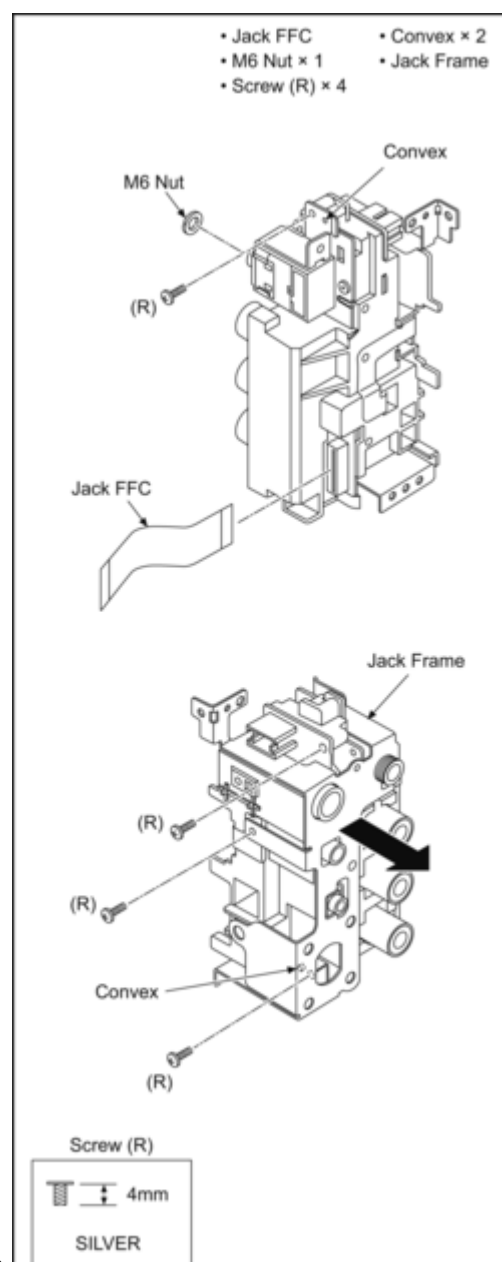


(Fig. D8)

8.3.5 Removal of the XLR Rear P.C.B. Unit, AV Jack P.C.B., DC/Remote Jack P.C.B.

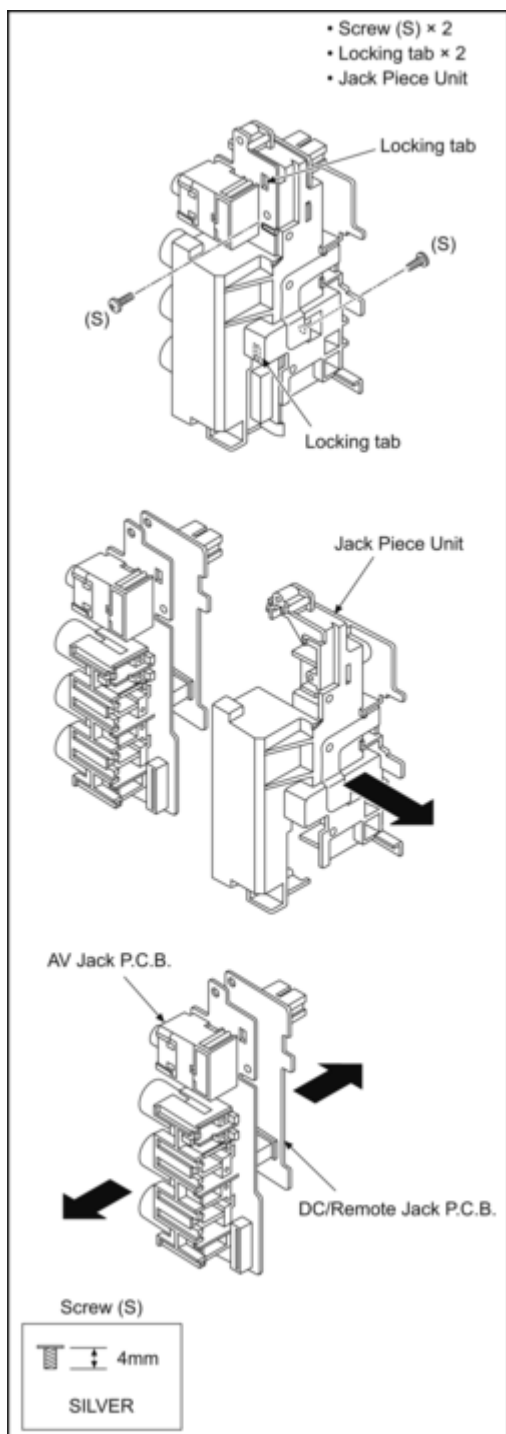


(Fig. D9)



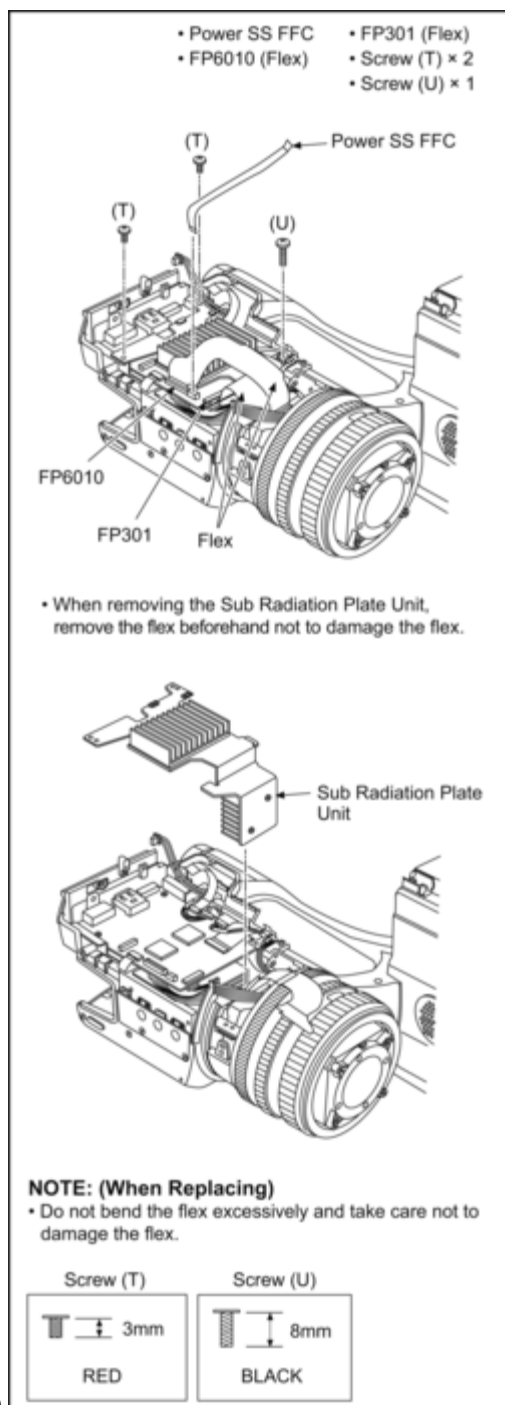
(Fig. D10)

(Fig.)



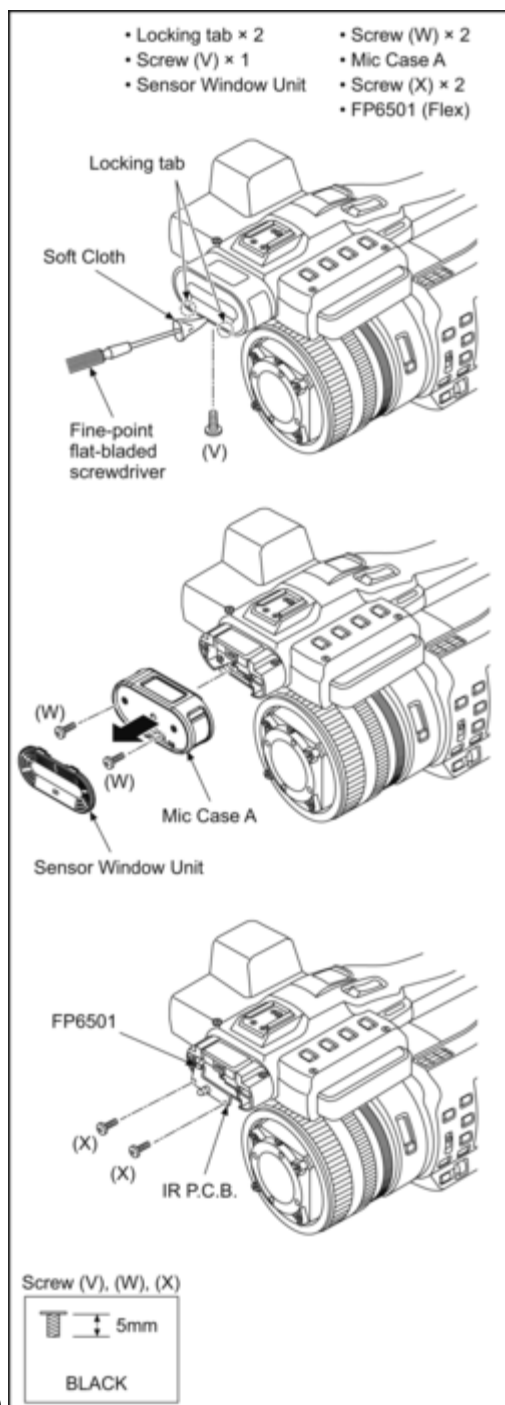
D11)

8.3.6 Removal of the Sub Radiation Plate Unit



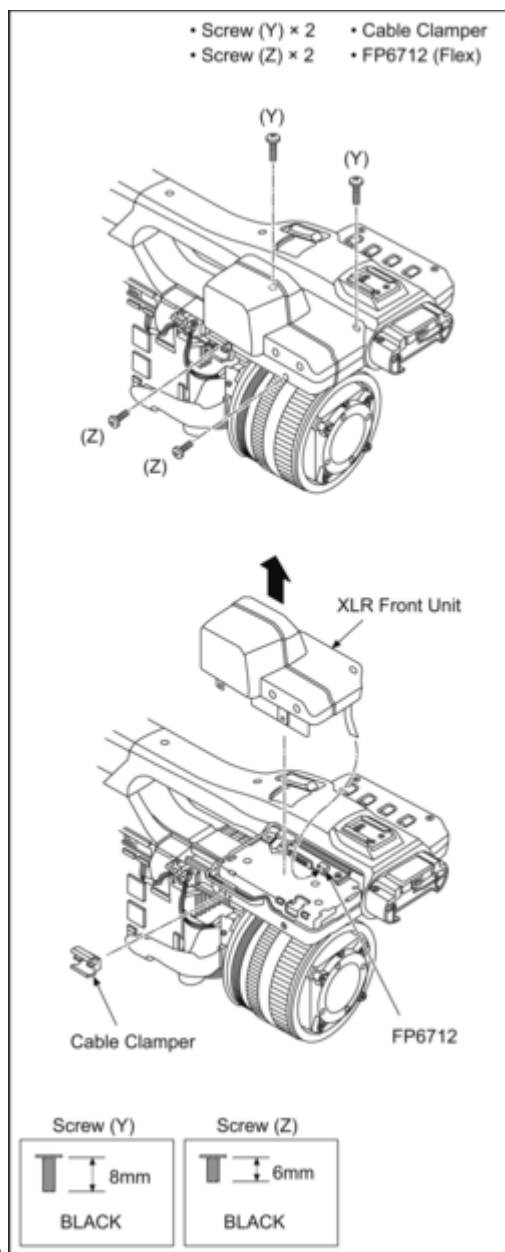
(Fig. D12)

8.3.7 Removal of the IR P.C.B.



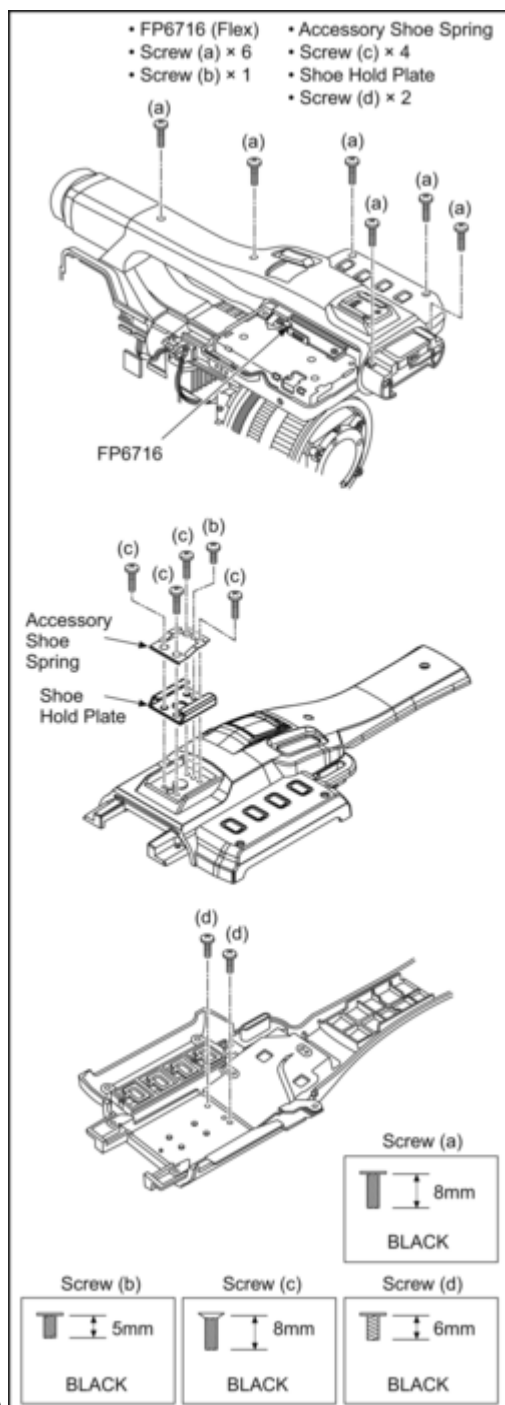
(Fig. D13)

8.3.8 Removal of the XLR Front Unit

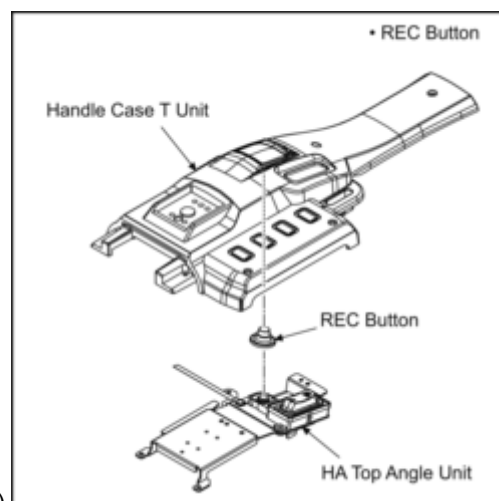


(Fig. D14)

8.3.9 Removal of the Handle Case T Unit, HA Top Angle Unit

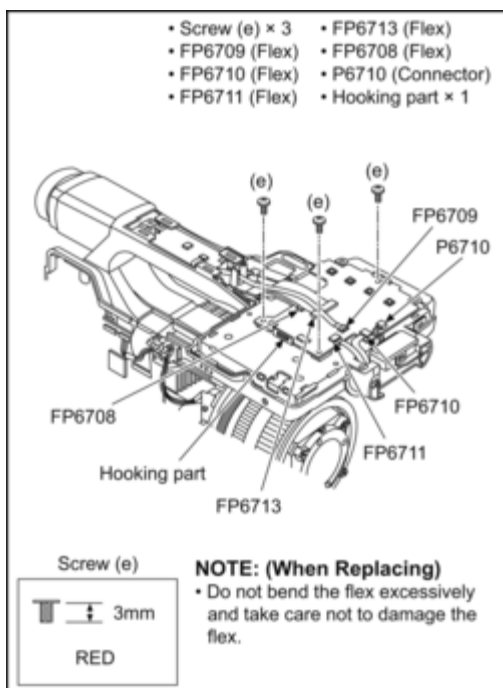


(Fig. D15)

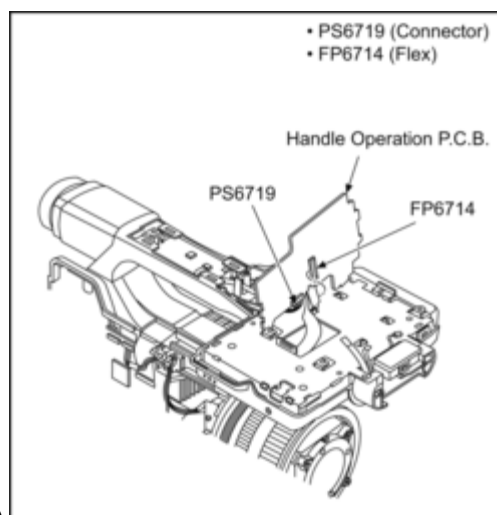


(Fig. D16)

8.3.10 Removal of the Handle Operation P.C.B.

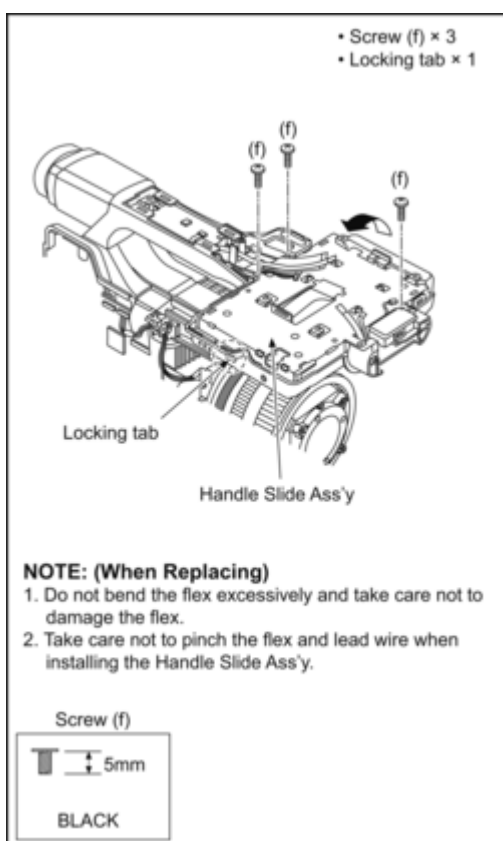


(Fig. D17)



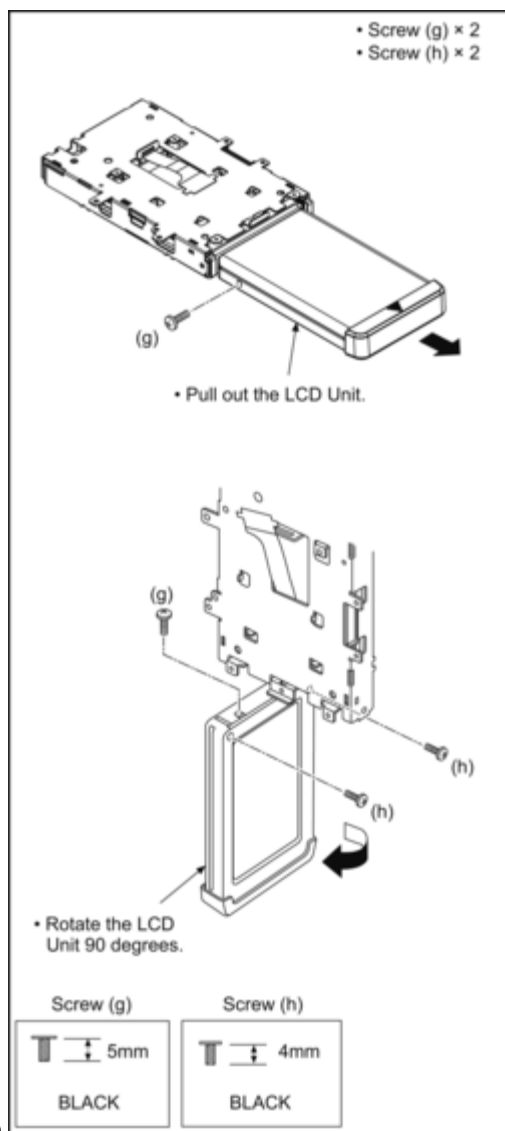
(Fig. D18)

8.3.11 Removal of the Handle Slide Ass'y

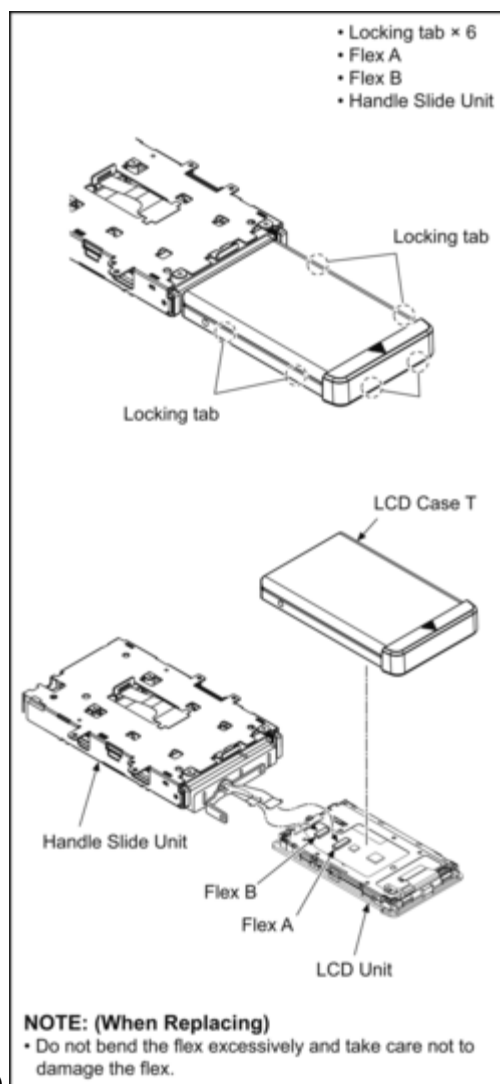


(Fig. D19)

8.3.12 Removal of the LCD unit, LCD Case T

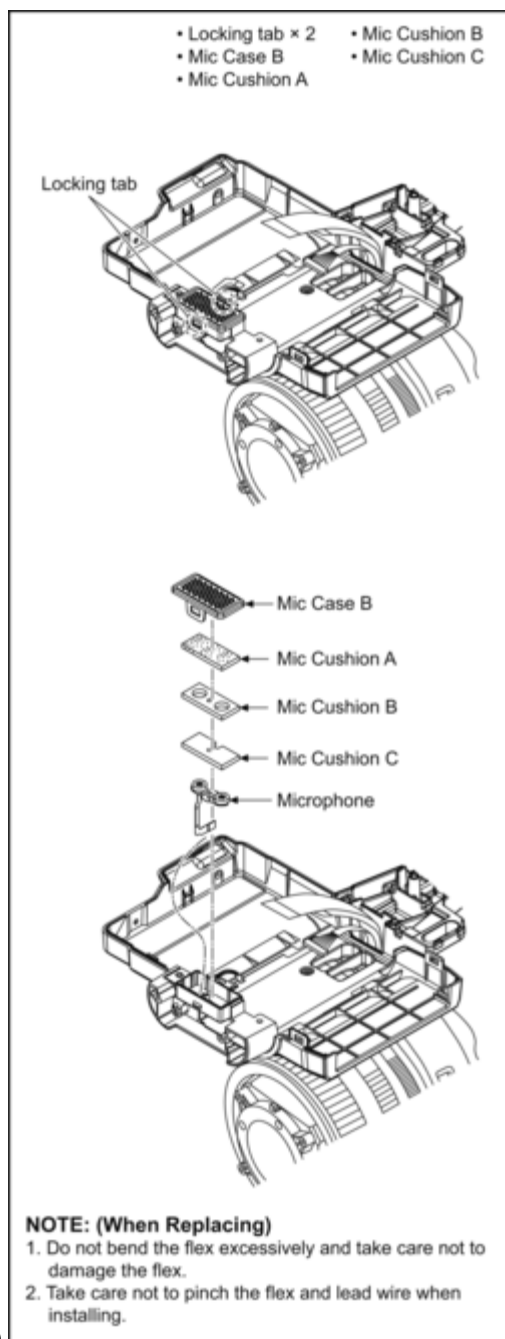


(Fig. D20)



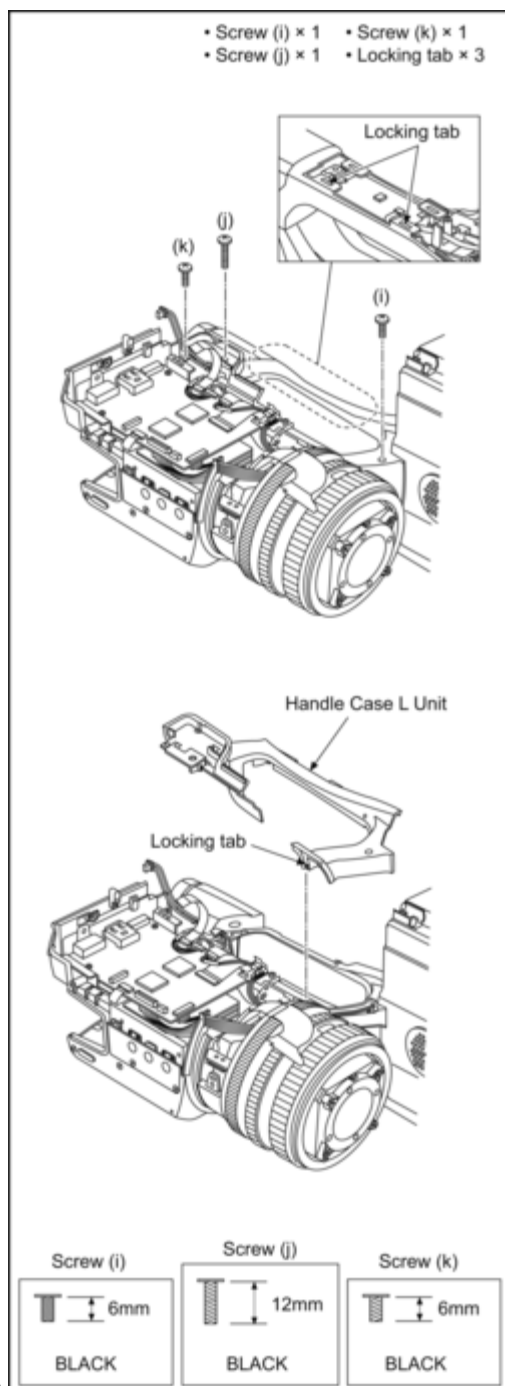
(Fig. D21)

8.3.13 Removal of the Microphone



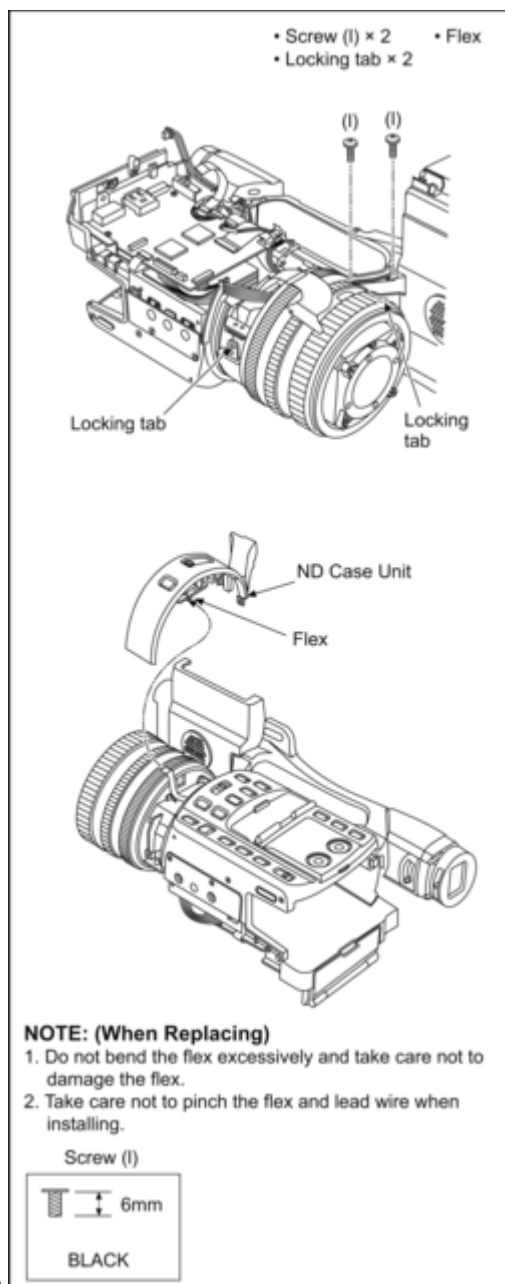
(Fig. D22)

8.3.14 Removal of the Handle Case L Unit



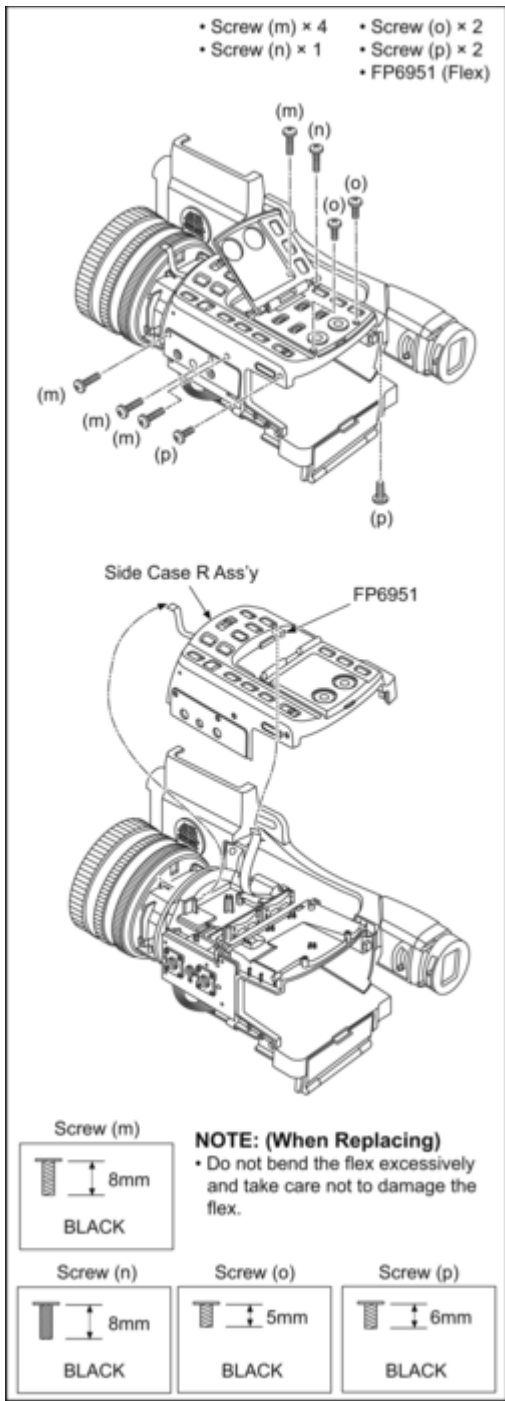
(Fig. D23)

8.3.15 Removal of the ND Case Unit

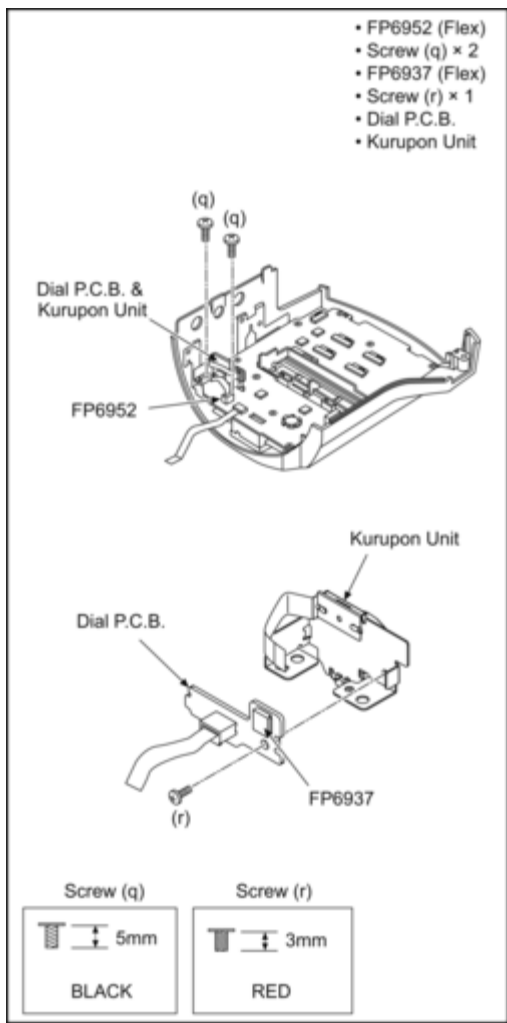


(Fig. D24)

8.3.16 Removal of the Side Case R Unit, Side R Operation P.C.B.

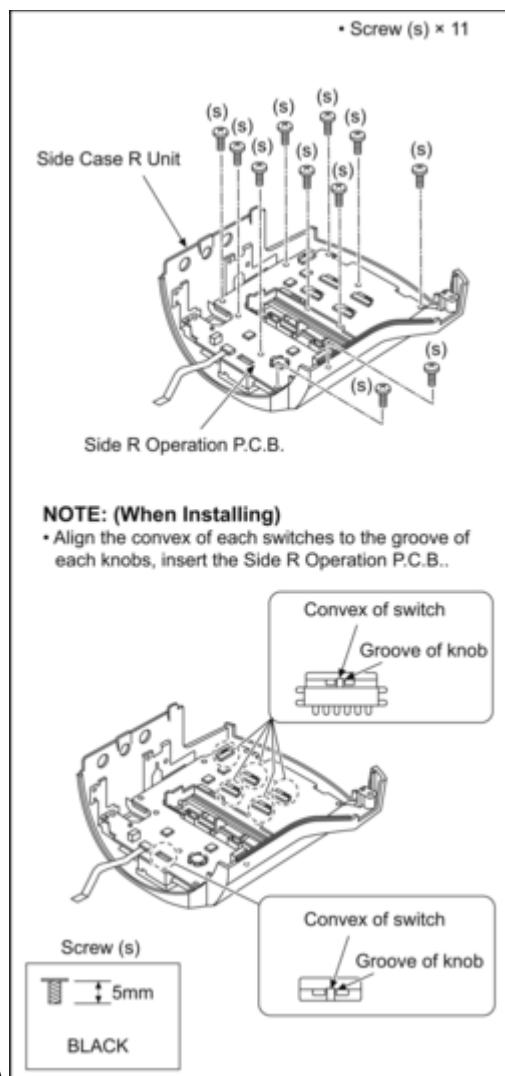


(Fig. D25)



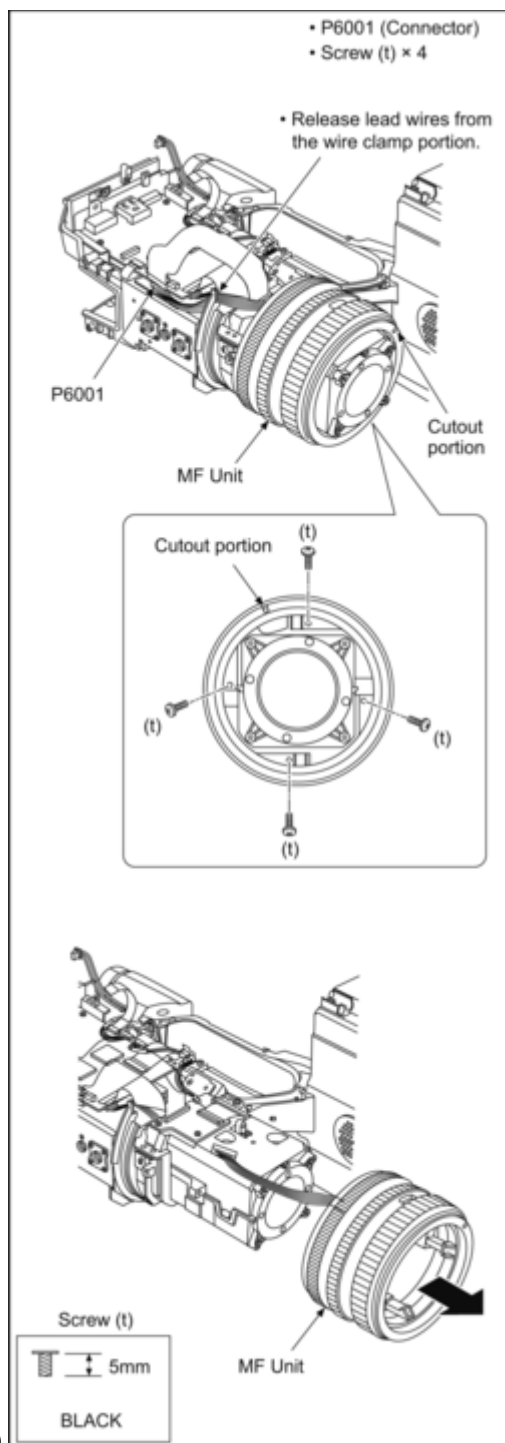
(Fig. D26)

(Fig.



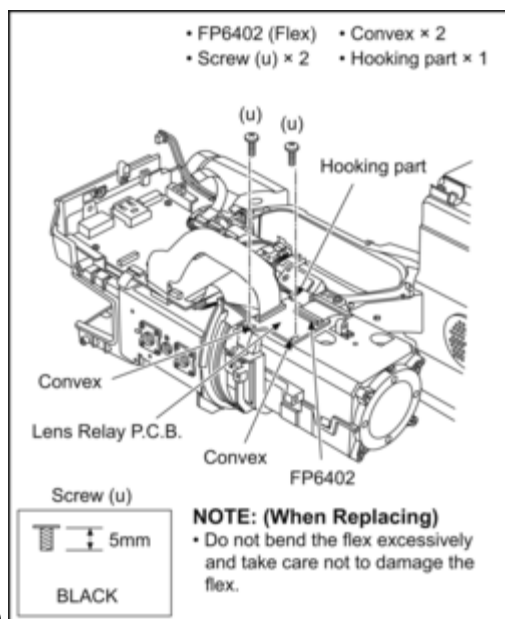
D27)

8.3.17 Removal of the MF Unit



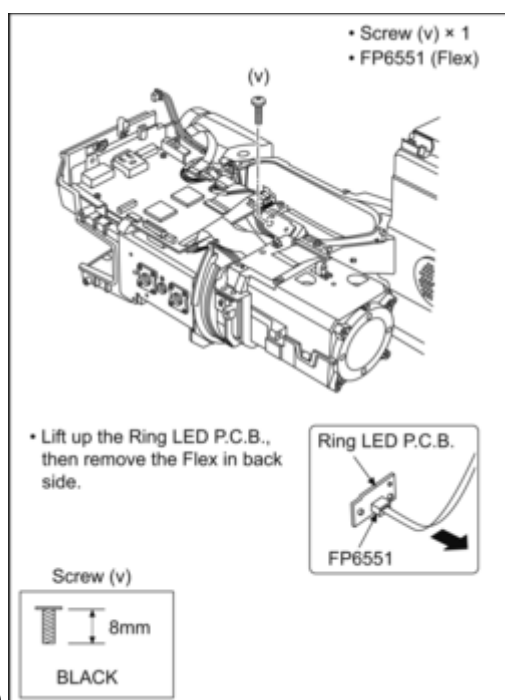
(Fig. D28)

8.3.18 Removal of the Lens Relay P.C.B.

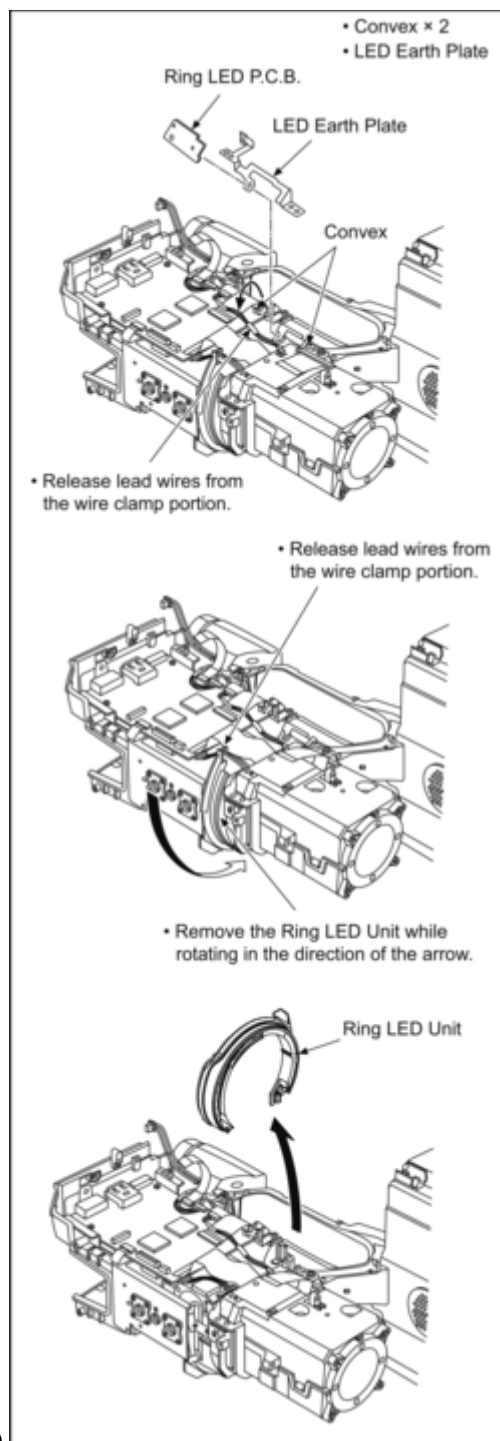


(Fig. D29)

8.3.19 Removal of the Ring LED P.C.B., Ring LED Unit

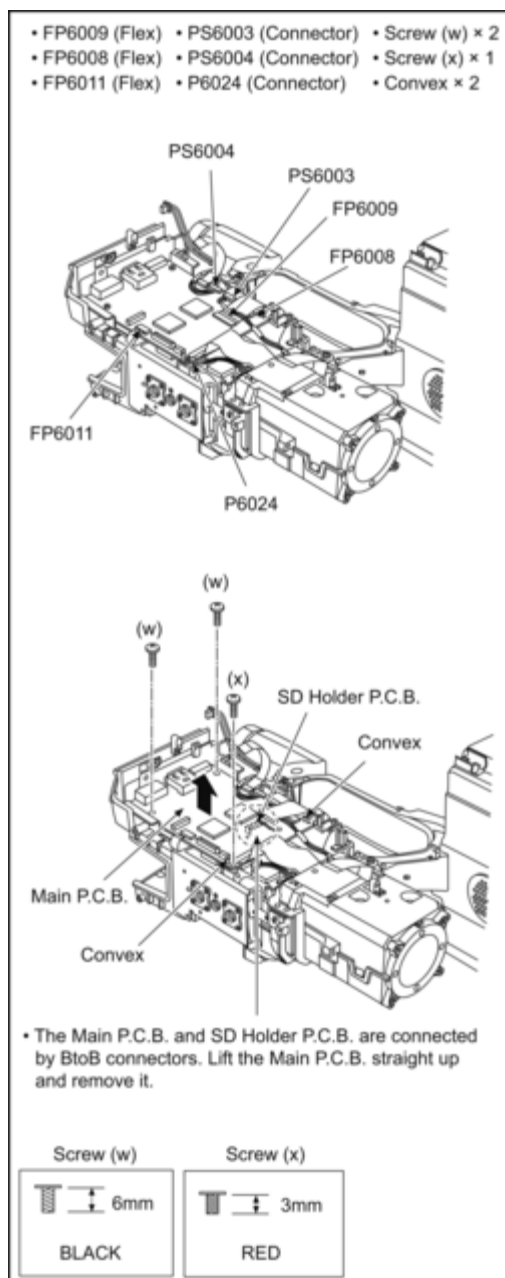


(Fig. D30)

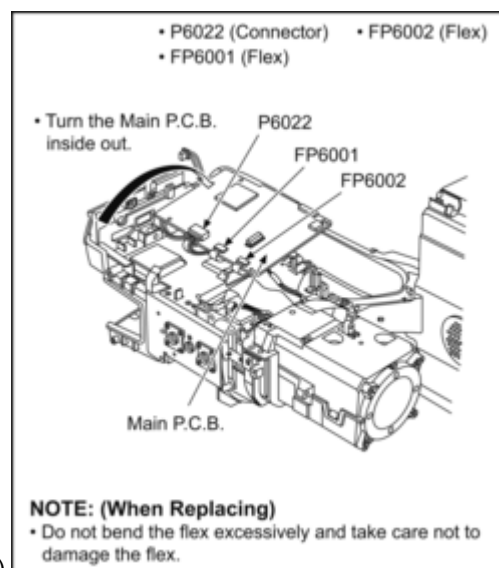


(Fig. D31)

8.3.20 Removal of the Main P.C.B.

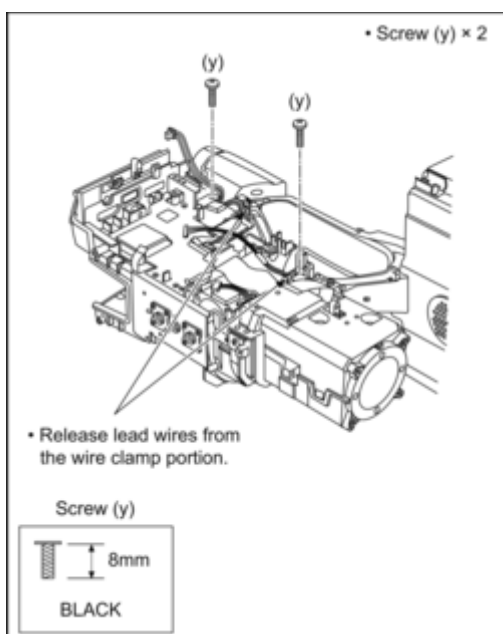


(Fig. D32)

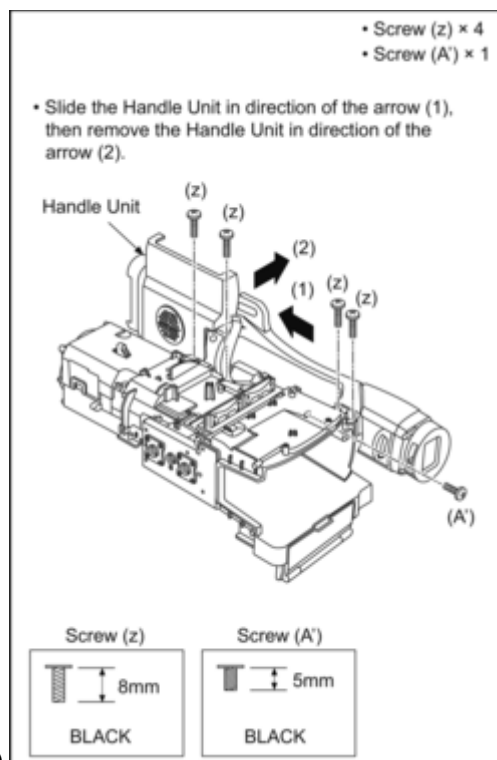


(Fig. D33)

8.3.21 Removal of the Handle Unit

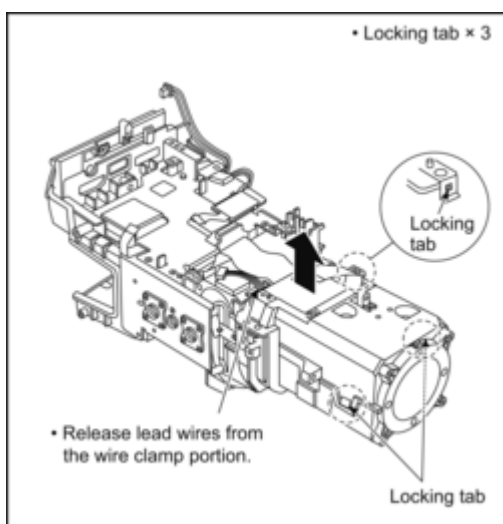


(Fig. D34)

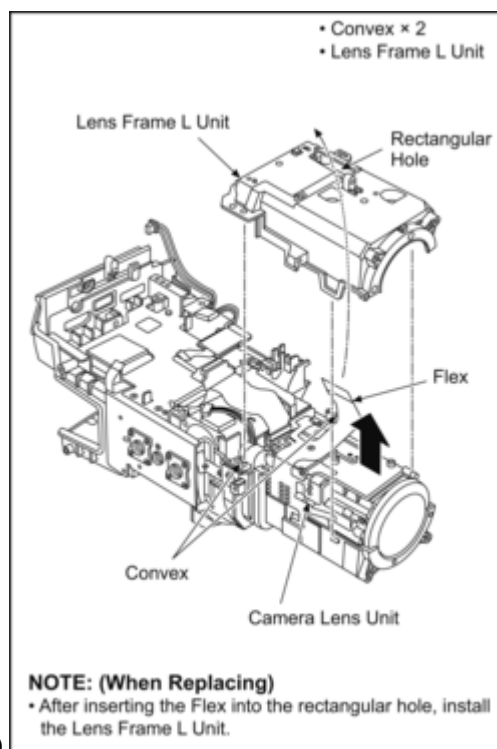


(Fig. D35)

8.3.22 Removal of the Camera Lens Unit

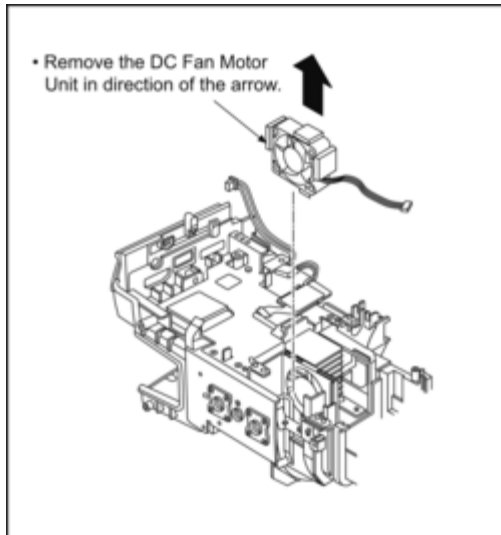


(Fig. D36)



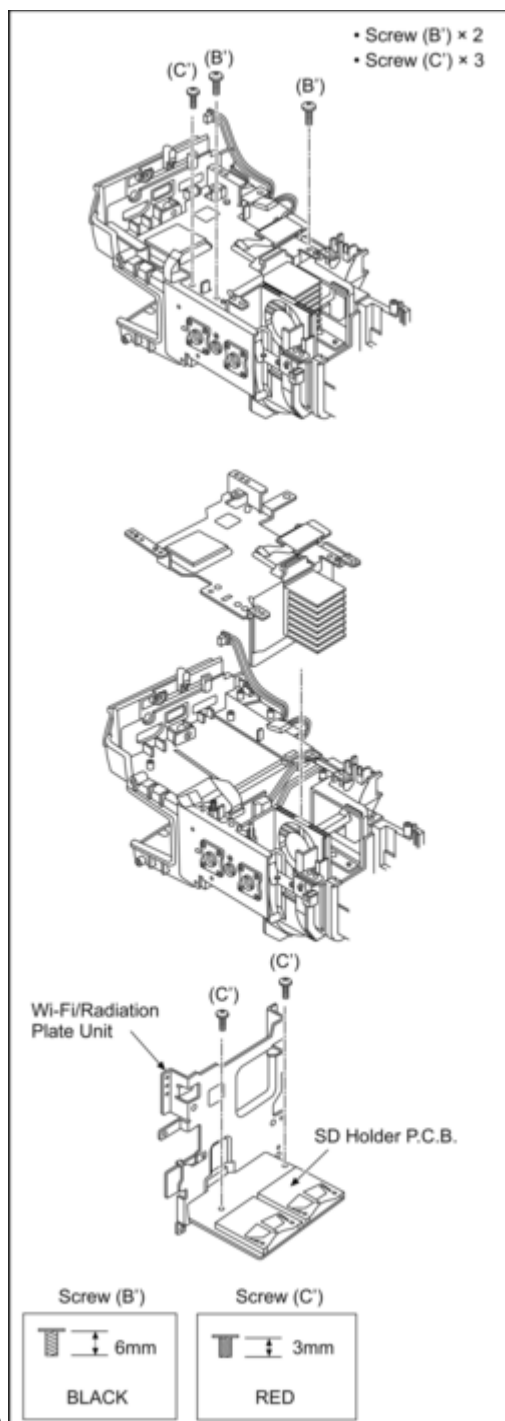
(Fig. D37)

8.3.23 Removal of the DC Fan Motor Unit



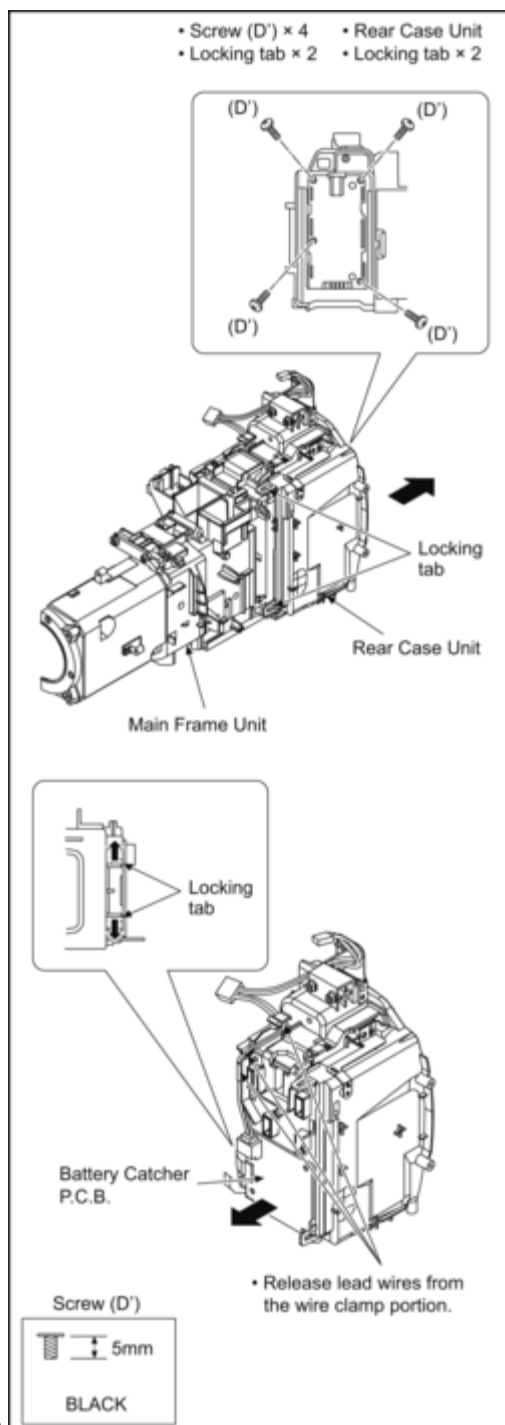
(Fig. D38)

8.3.24 Removal of the Wi-Fi/Radiation Plate Unit, SD Holder P.C.B.



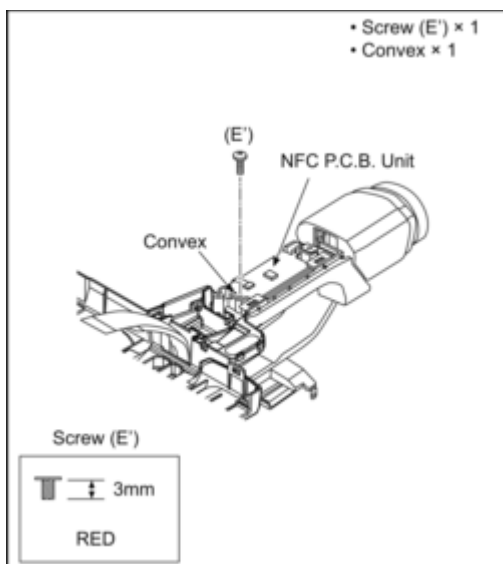
(Fig. D39)

8.3.25 Removal of the Battery Catcher P.C.B.



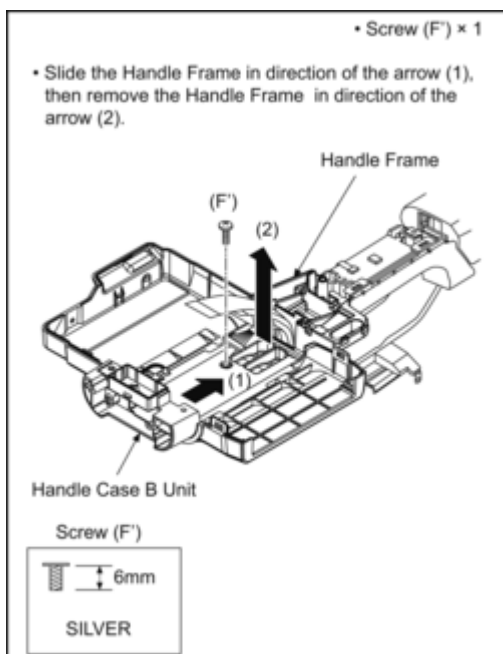
(Fig. D40)

8.3.26 Removal of the NFC P.C.B. Unit

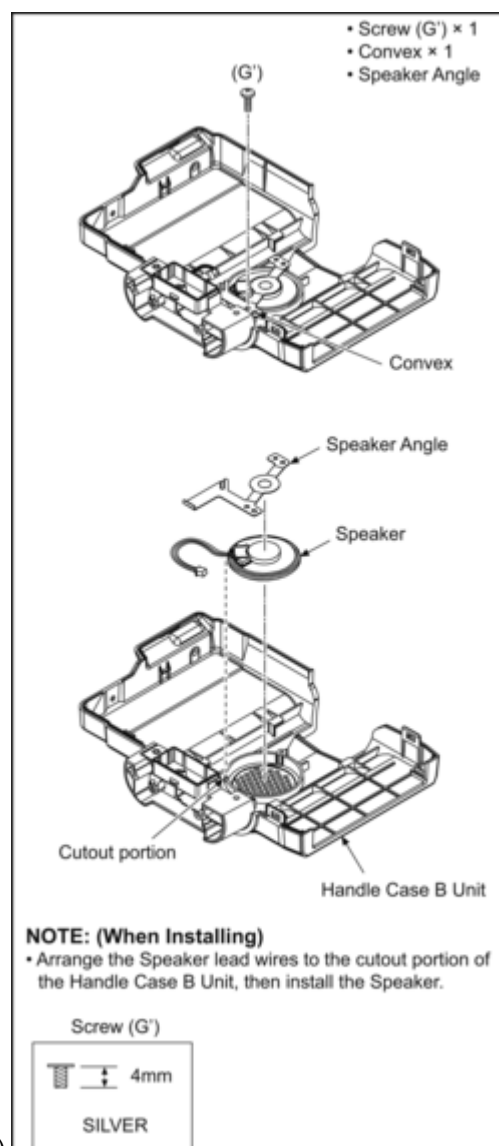


(Fig. D41)

8.3.27 Removal of the Speaker

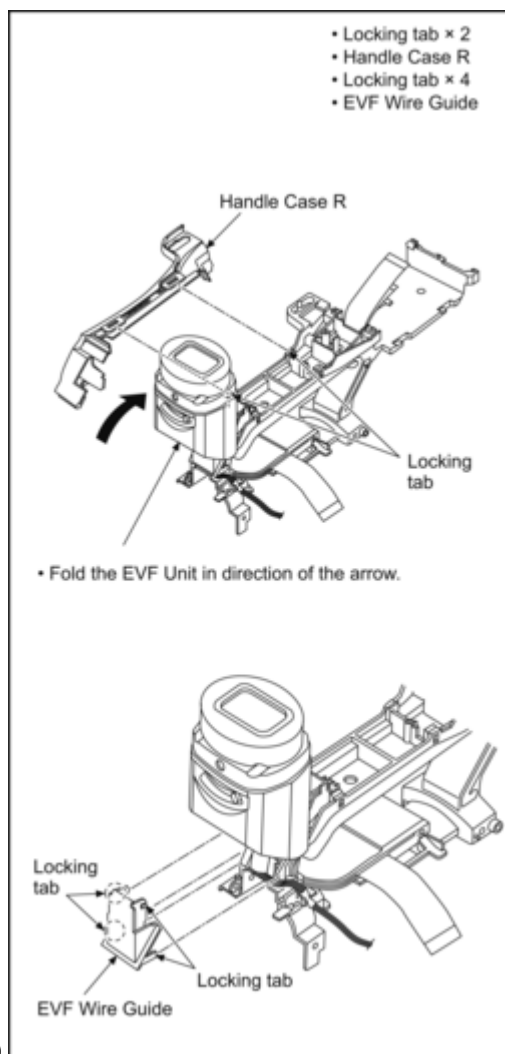


(Fig. D42)

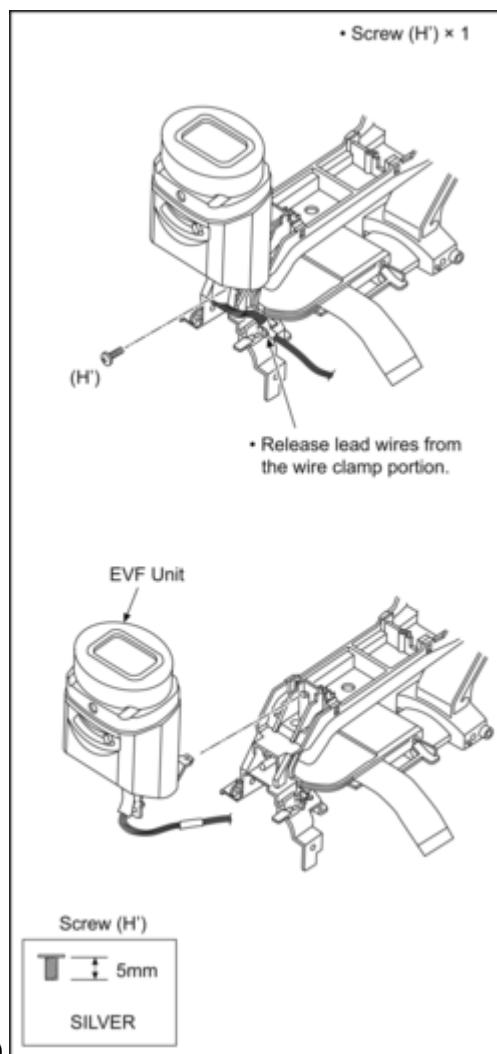


(Fig. D43)

8.3.28 Removal of the EVF Unit

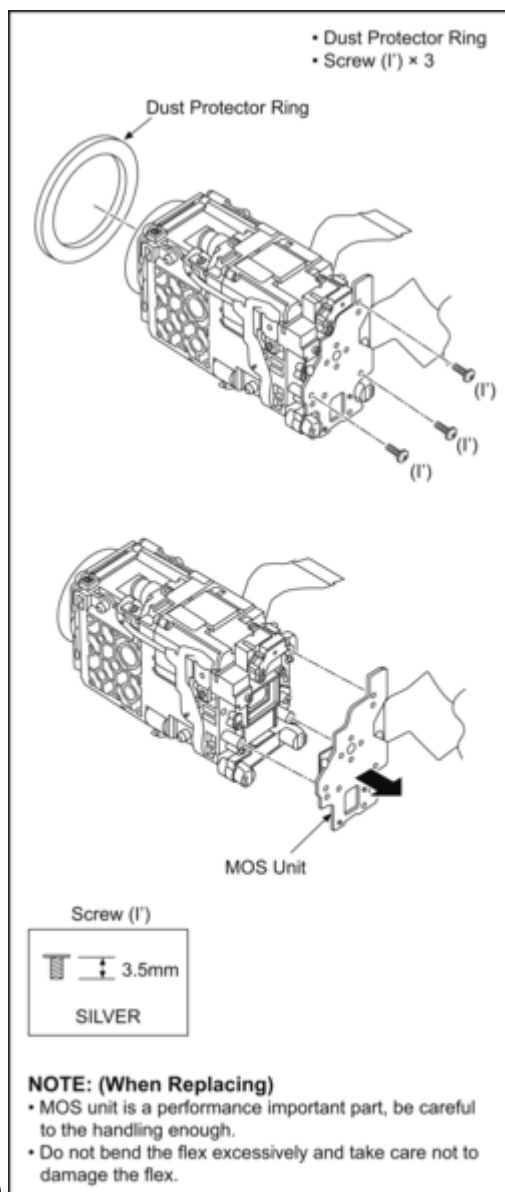


(Fig. D44)



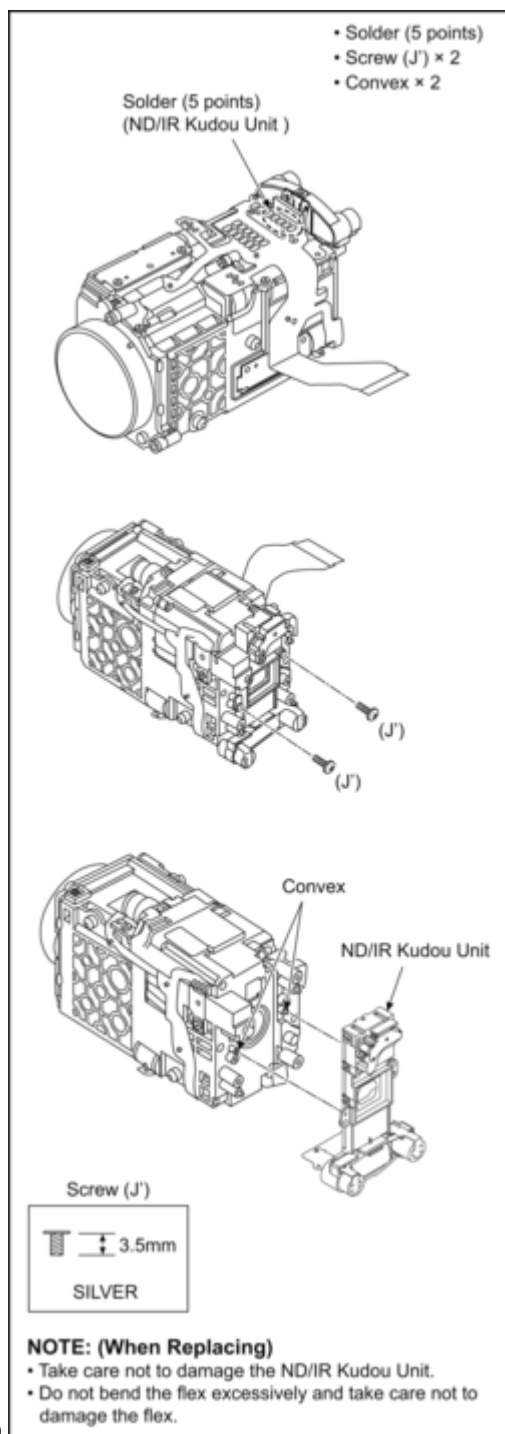
(Fig. D45)

8.3.29 Removal of the MOS Unit



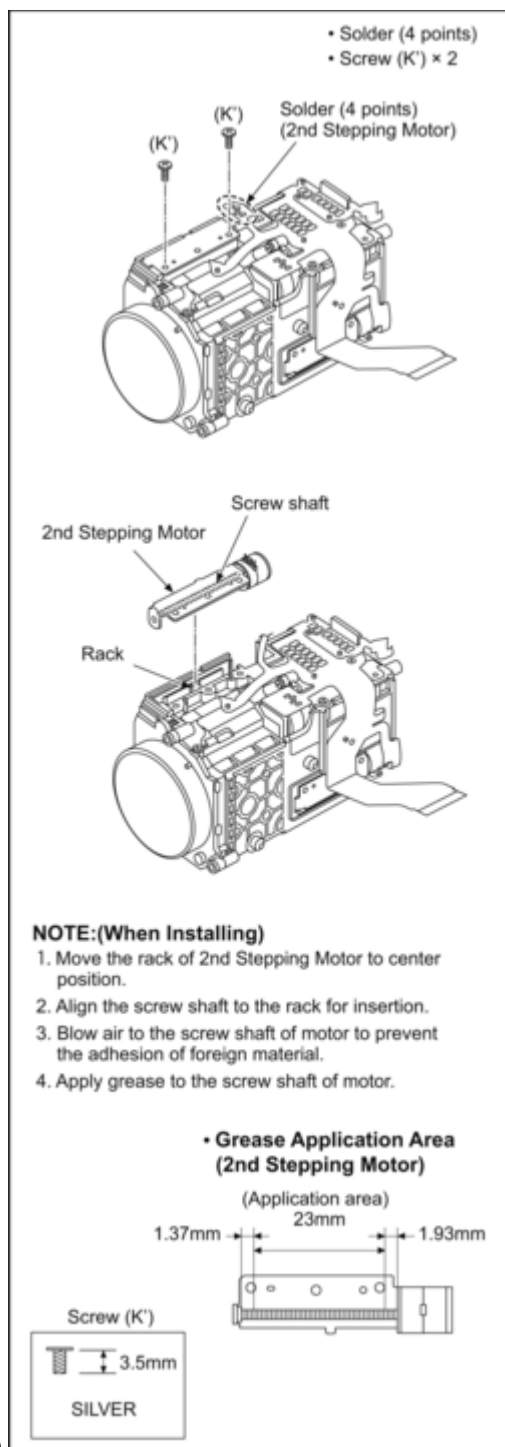
(Fig. D46)

8.3.30 Removal of the ND/IR Kudou Unit



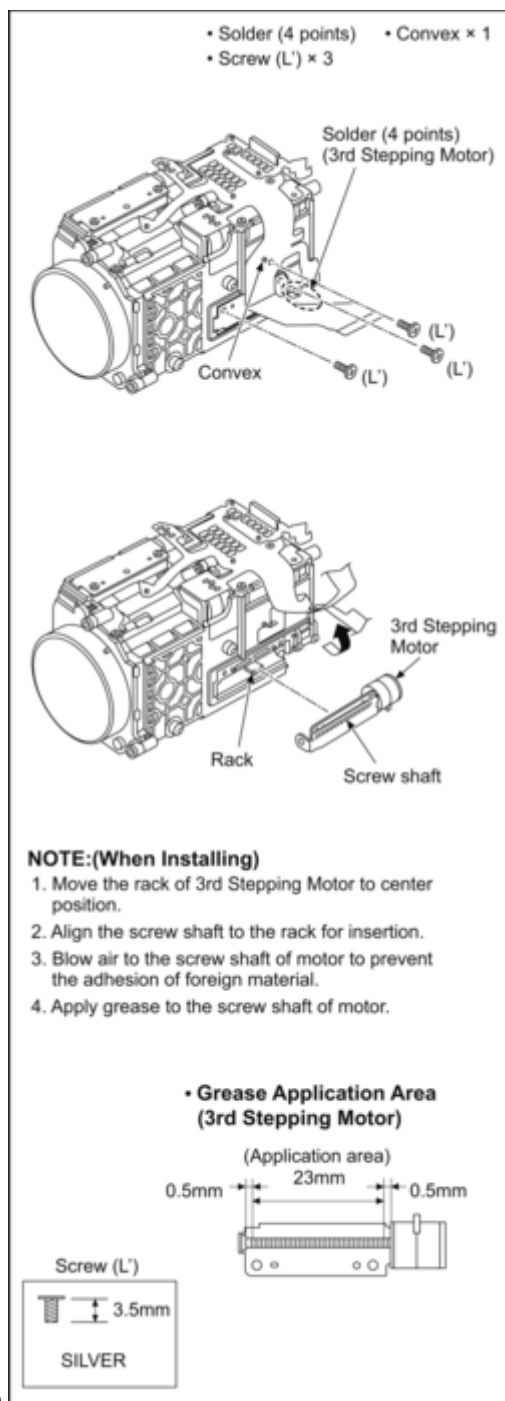
(Fig. D47)

8.3.31 Removal of the 2nd Stepping Motor



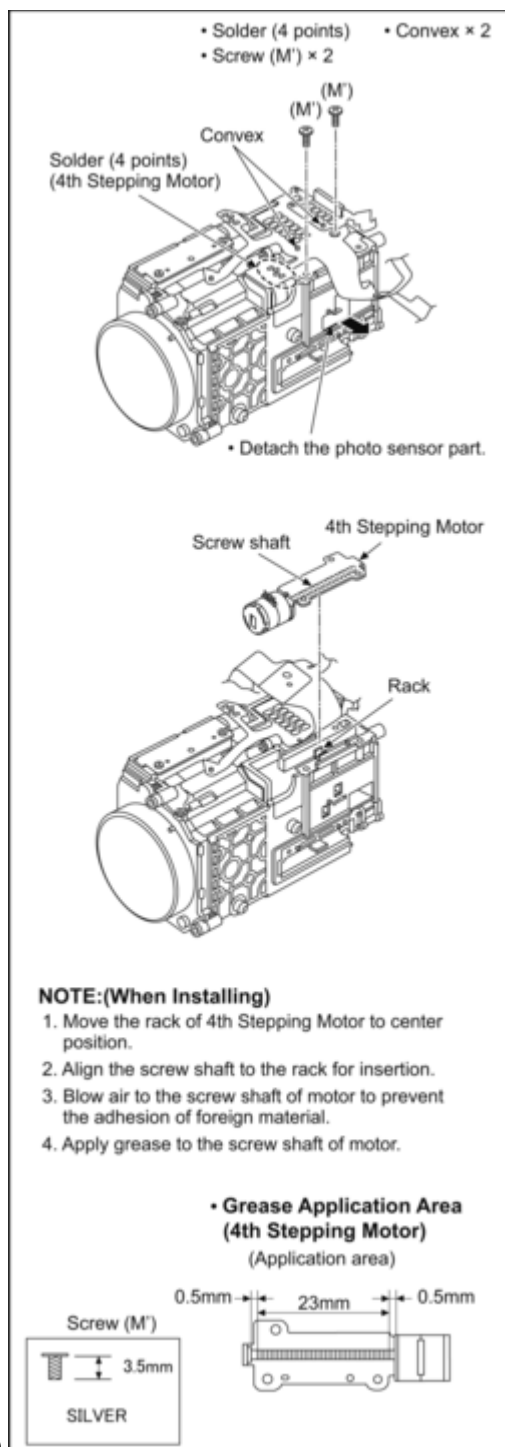
(Fig. D48)

8.3.32 Removal of the 3rd Stepping Motor



(Fig. D49)

8.3.33 Removal of the 4th Stepping Motor



(Fig. D50)

9 Measurements and Adjustments

9.1 Electric Adjustment

- An exclusive jig are necessary for electric adjustment.
- Connection and location method of the main unit and an exclusive adjustment jig as follows.

Figure of connection

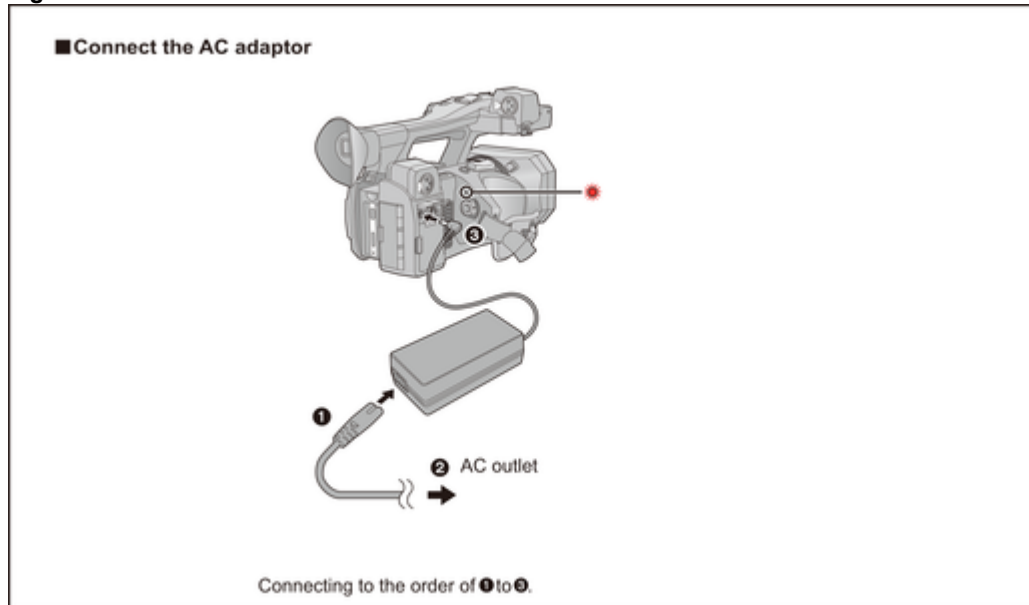
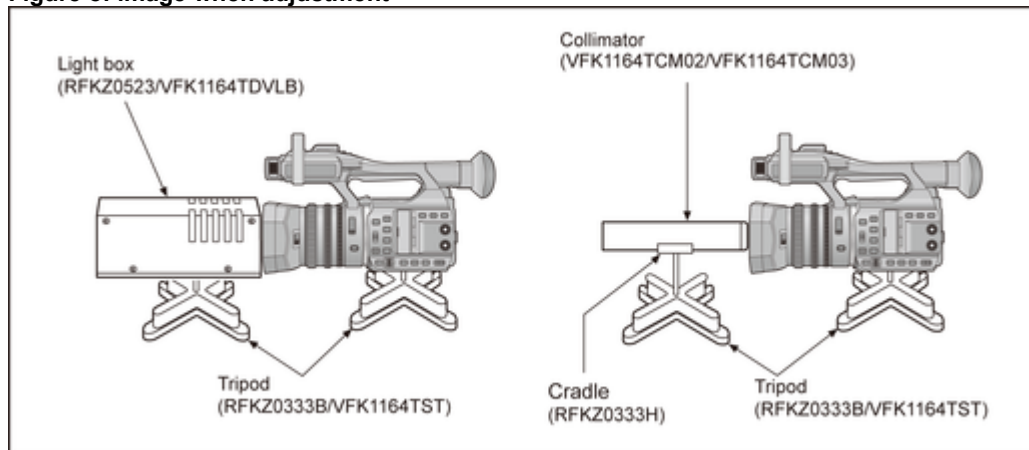


Figure of image when adjustment



Part Number of jig

1. Basic Jig

Item	Contents
AC adaptor	Banded with camcorder
AC Cable	Banded with camcorder

2. Optical Jig for Camera Adjustment

Item		Part number	Remarks
Light box		VFK1164TDVLB/RFKZ0523*	Need external power supply: 12V $\pm$ 0.1V /1.8A or over
Collimator with focus chart		VFK1164TCM02/VFK1164TCM03	Same as DSC
CC filter	3100K/5100K	VFK1164CC10G	Need 2 set. For indoor/outdoor white balance adjustment
C2 Filter	5100K	VFK1164LBB2	For outdoor white balance adjustment
C8 Filter	5100K	VFK1164LBB8	For outdoor white balance adjustment
ND Filter 0.1	3100K	VFK1164ND01	For indoor white balance adjustment
ND Filter 0.6	3100K	VFK1164ND06	For indoor white balance adjustment
Adjustment chart for Level Shot		Banded with this Manual	For Level shot adjustment

* RFKZ0523 (same as DSC) is recommended.

[Level Shot Adjustment Chart]

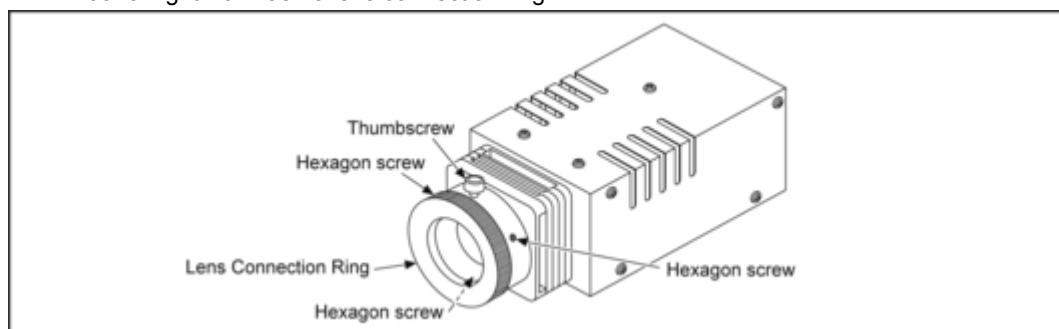


9.1.1 About Light Box

When using VFK1164TDVLB Light Box

If using VFK1164TDVLB Light Box, remove the lens connection ring by loosening thumbscrew and three hexagon screws.

* RFKZ0523 Light Box has no lens connection ring.

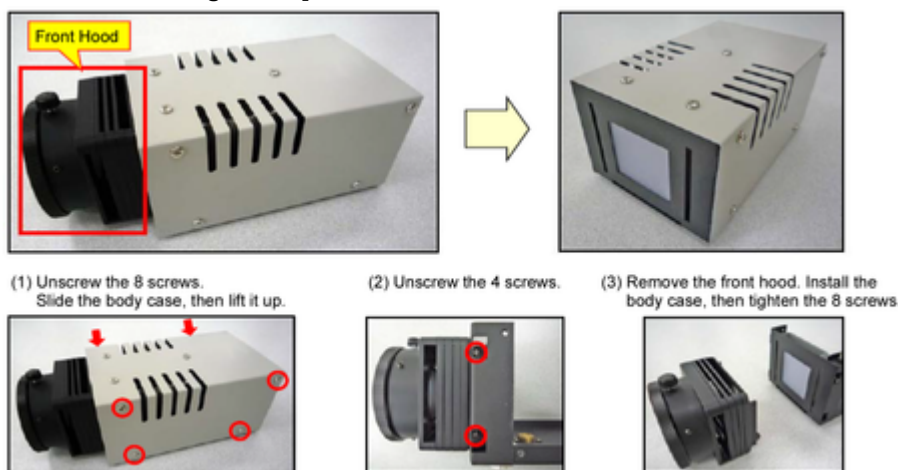


How to remove the Front Hood

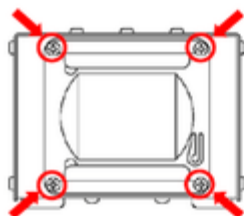
In order to utilize maximum of the diffusing surface of light box, some adjustment items need the distance between diffusing surface of light box and camera body becomes several centimeters.

Before the adjustments, remove the front hood of light box following steps below.

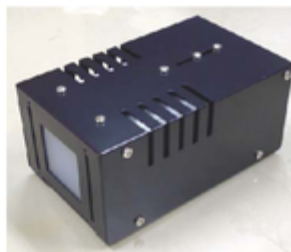
[For VFK1164TDVLB Light Box]



[For RFKZ0523 Light Box]



Unscrew the 4 screws, then remove the front hood.



9.1.2 Adjustment Items

Adjustment item as follows.

Replacement part			Adjustment item	Adjustments							Settings		
				Zoom Lever adjustment	Camera adjustment ^{*1}	Zoom/tracking adjustment/ ND Focus adjustment	ND WB GAIN adjustment	Indoor white balance adjustment	Outdoor white balance adjustment	Level shot adjustment ^{*2}	Touch panel calibration	Model setting	Factory settings
MAIN P.C.B.	IC701	LENS DRIVE IC	-	○	○	-	-	-	○	-	-	-	-
	IC751	ROLL GYRO	-	○	-	-	-	-	○	-	-	-	-
	IC1231	DC/DC_IC (REG1.8V_I/O)	-	○	○	○	○	○	○	-	-	-	-
	IC1421	REG3V_I/O	○	○	○	○	○	○	○	-	-	-	-
	IC3401	VENUS ENGINE	○	-	-	-	-	-	○	-	-	-	-
	IC3501	VENUS ENGINE	○	-	-	-	-	-	○	-	-	-	-
	IC3404	FLASH ROM	○	○	○	○	○	○	○	-	○	○	○
BATTERY CATCHER P.C.B.	IC6301	PIT/YAW GYRO	-	○	-	-	-	-	○	-	-	-	-
	IC6302	ACCELEROMETER	-	-	-	-	-	-	○	-	-	-	-
Wi-Fi/RADIATION PLATE UNIT		Wi-Fi MODULE	-	-	-	-	-	-	○	-	-	○	○
NFC P.C.B. UNIT			-	-	-	-	-	-	○	-	-	○	○
LENS UNIT			-	○	○	○	○	○	○	-	-	-	-
MOS UNIT			-	○	○	○	○	○	○	-	-	-	-
ND/IR KUDOU UNIT			-	○	○	○	○	○	○	-	-	-	-
LCD UNIT			-	-	-	-	-	-	○	○	-	-	-

*1...IRIS adjustment, OIS hall amp adjustment, Missing pixels compensation, OIS gyro adjustment, AGS adjustment

*2...When parts are exchanged, this adjustment is indispensable.

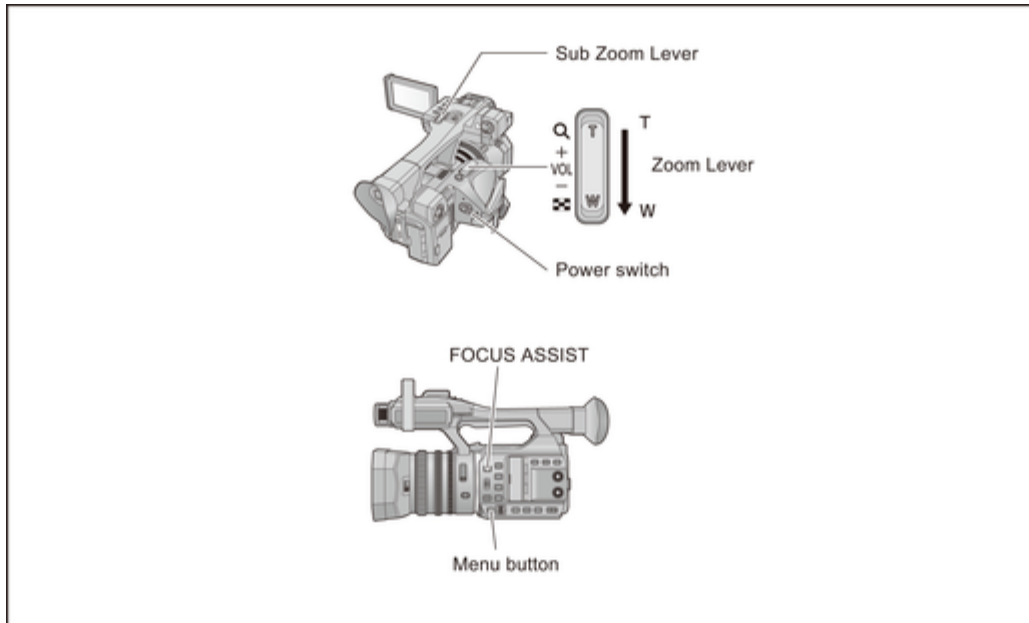
9.1.3 Adjustment Procedure

All adjustments except “Touch Panel Calibration”, “Factory Setting” and “NFC Initialization” performs using “14 Adjustment function for the service” in service mode menu.

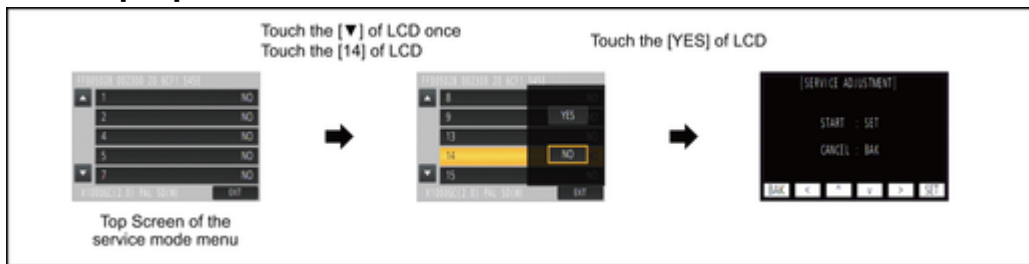
“Touch Panel Calibration” is performed using 16 of service mode menu and “Factory Setting” is performed using 1, “NFC Initialization” is performed using 17 of service mode menu. Refer to “6 Service mode” and “10 Factory Setting”.

[Execute adjustment function for service]

1. Set the power switch to ON, and turn to ON.
2. While pressing the “MENU” button to “FOCUS ASSIST” button and “Zoom Lever” (or “Sub zoom lever”) to W side for more than 3 seconds until the top screen of the Service Mode Menu being displayed.



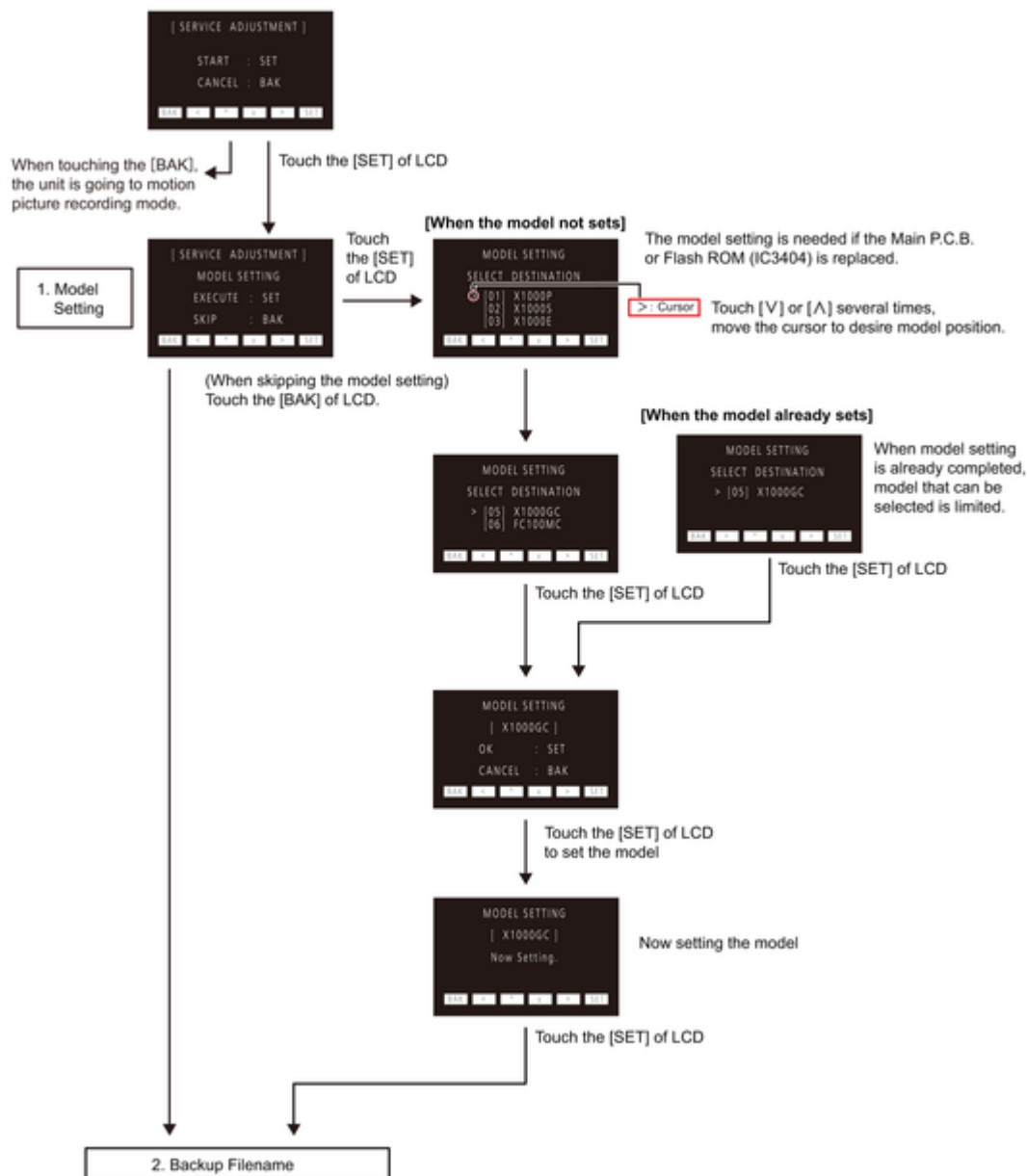
3. Touch the ▼ twice then touch the [14] of LCD.
4. Touch the [YES] of LCD.

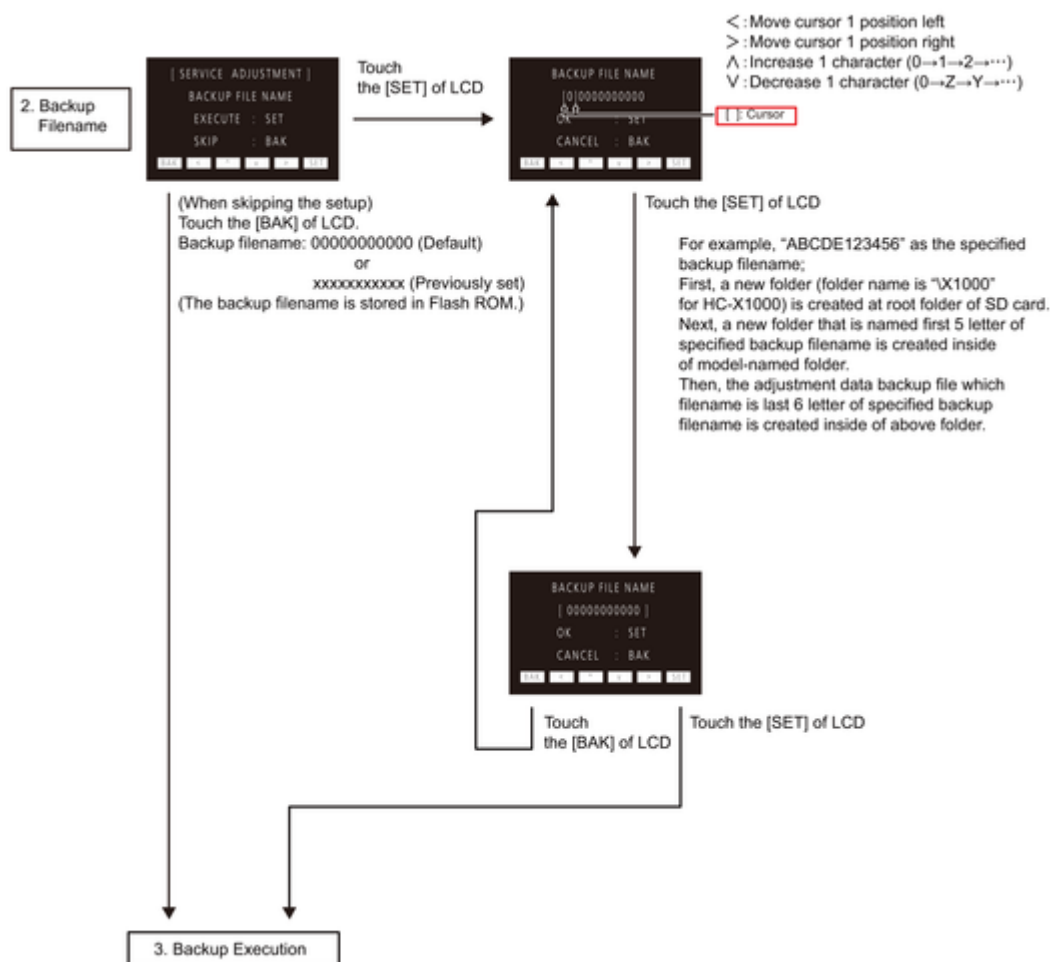


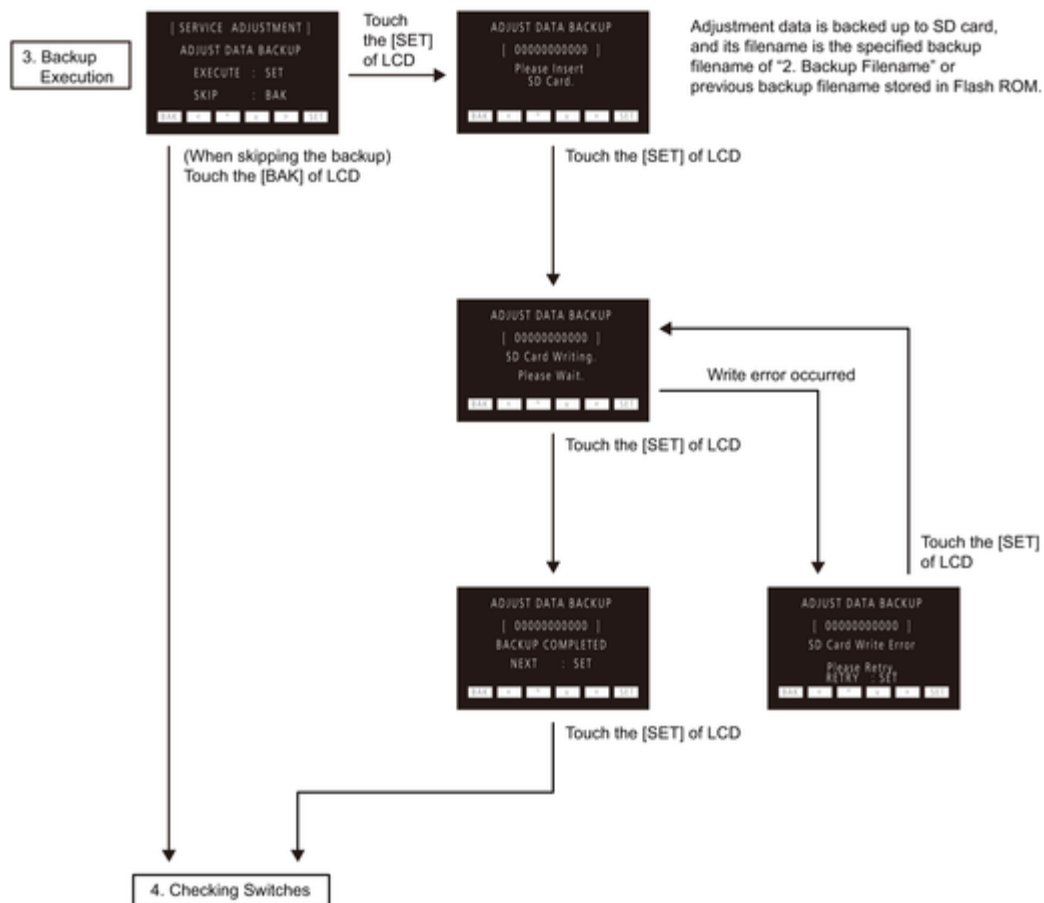
[Adjustment Procedure]

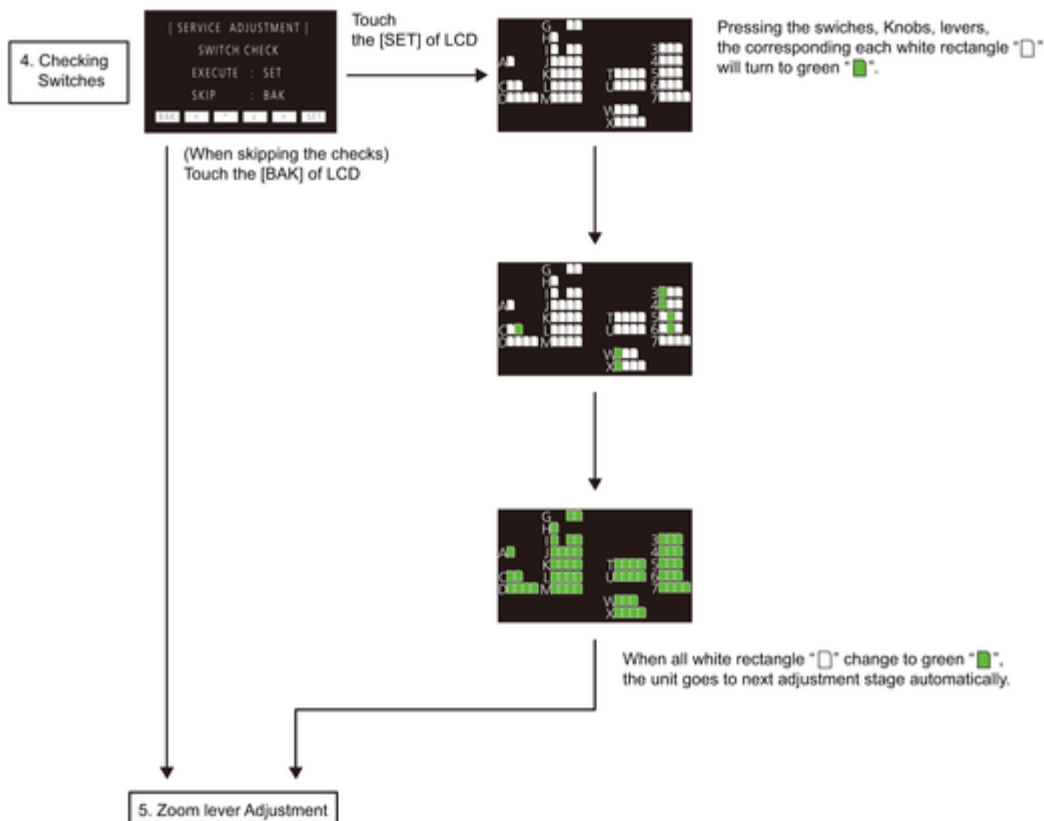
Adjustments and settings are performed following order:

1. Model setting
2. Filename setting for backup to SD card
3. Backing up adjustment data to SD card
4. Checking switches
5. Zoom Lever adjustment
6. Camera adjustment (Iris, Gyro, OIS, Missing pixels)
7. Zoom/tracking adjustment (with Zoom hysteresis adjustment), ND Focus adjustment
8. ND WB GAIN adjustment
9. Indoor white balance adjustment (SHADING, CH GAIN, PWM, WB)
10. Outdoor white balance adjustment (PWM, WB)
11. Level shot adjustment

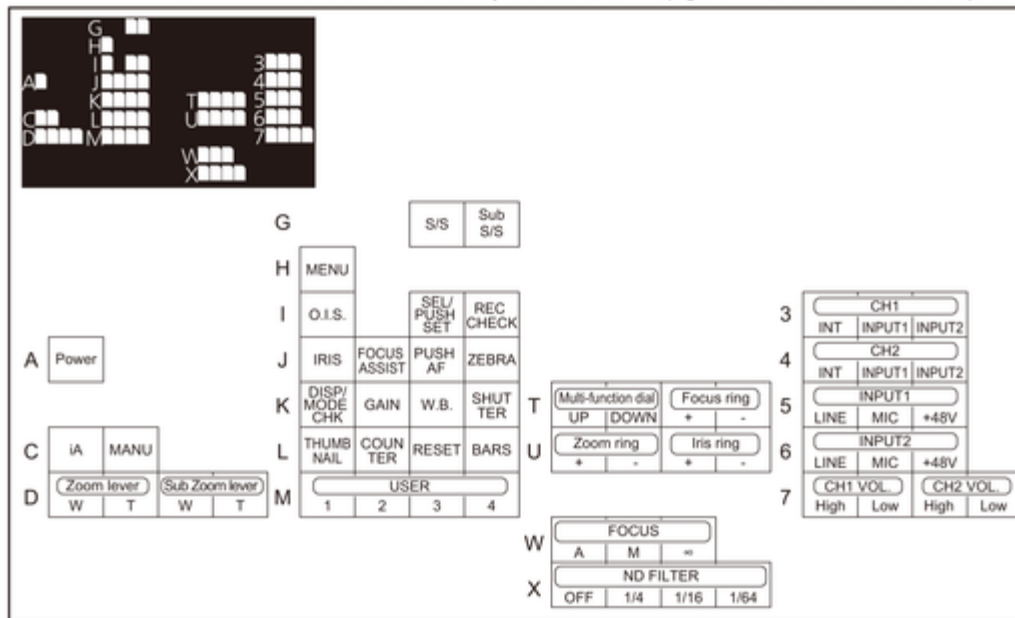


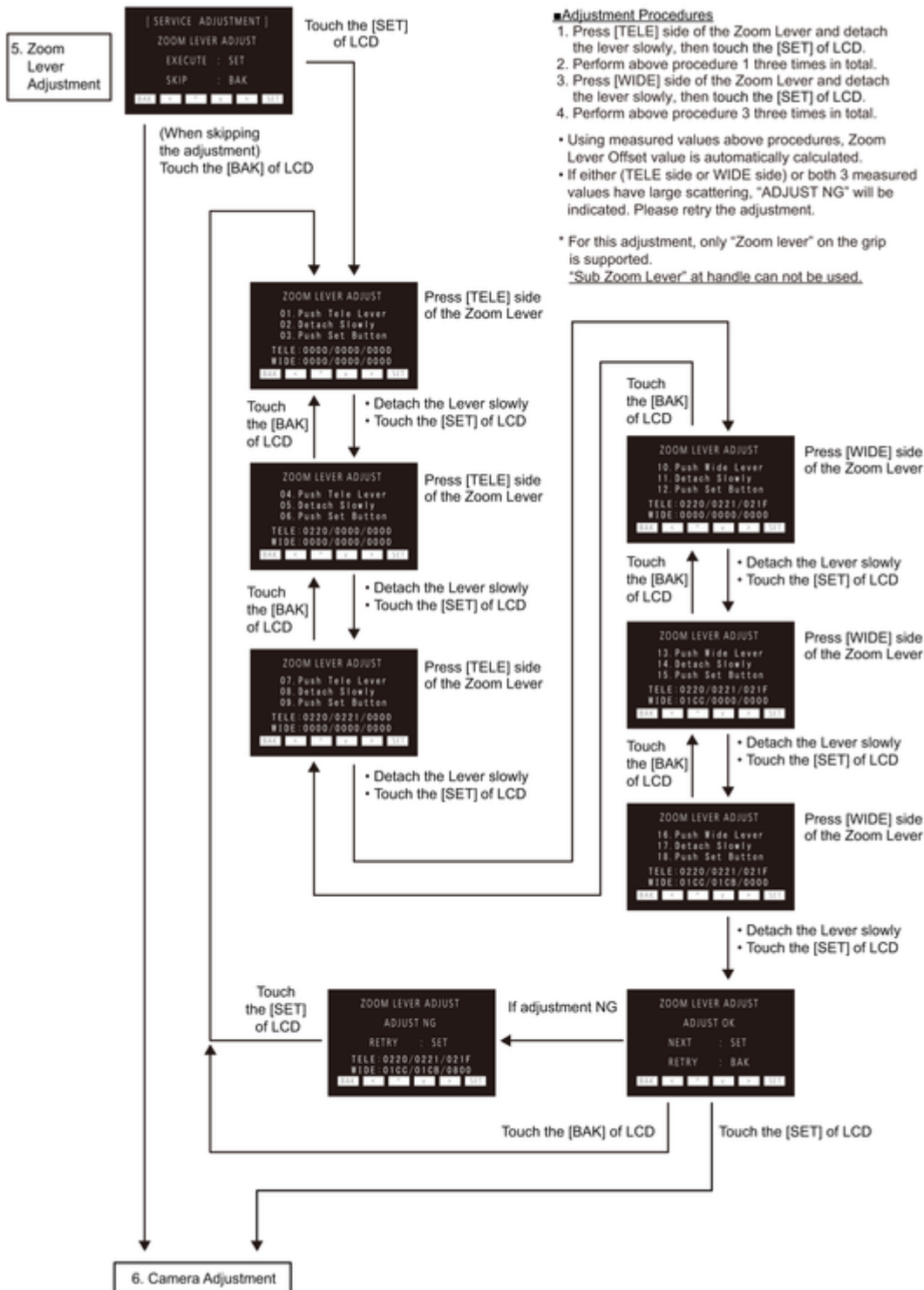


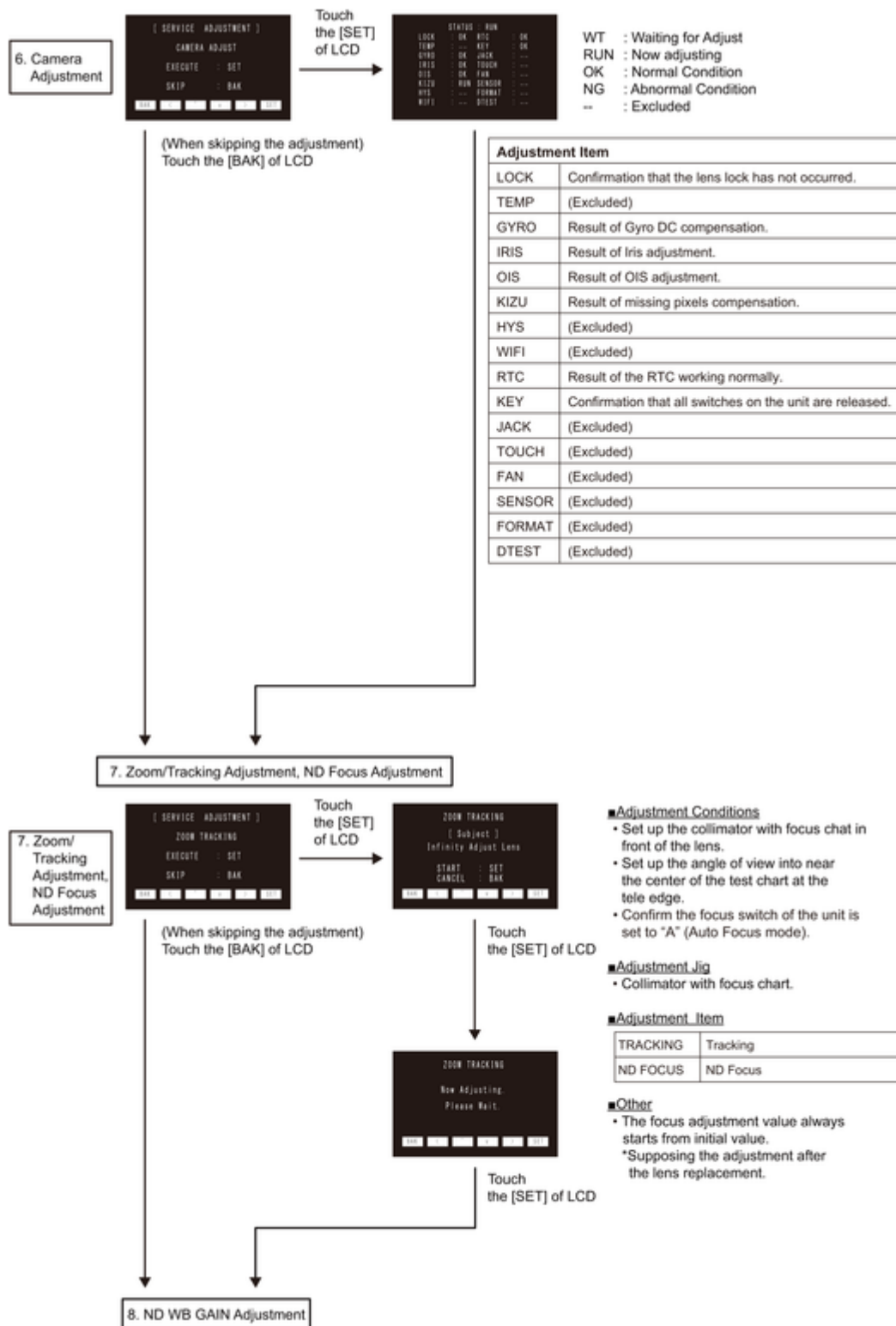


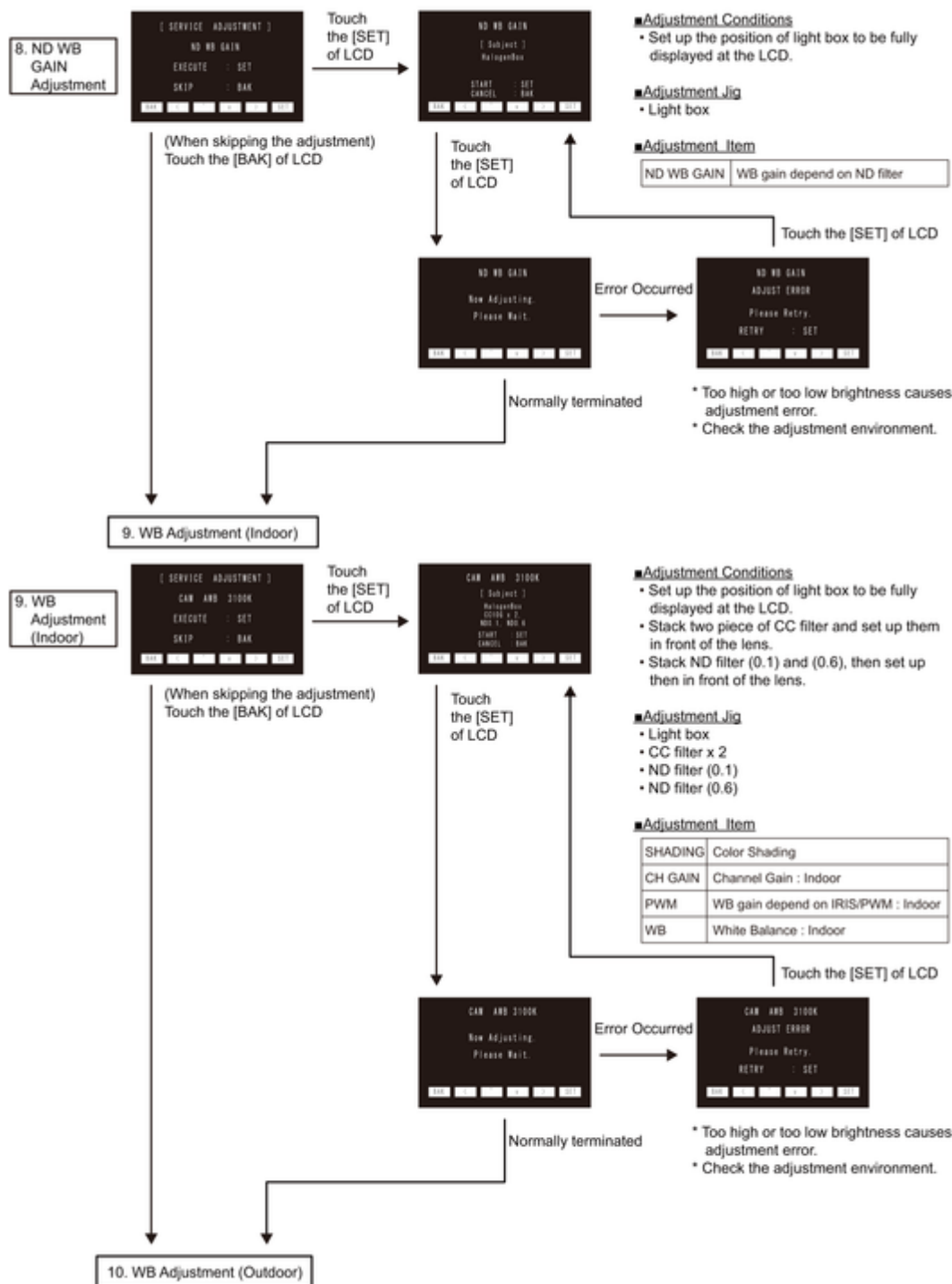


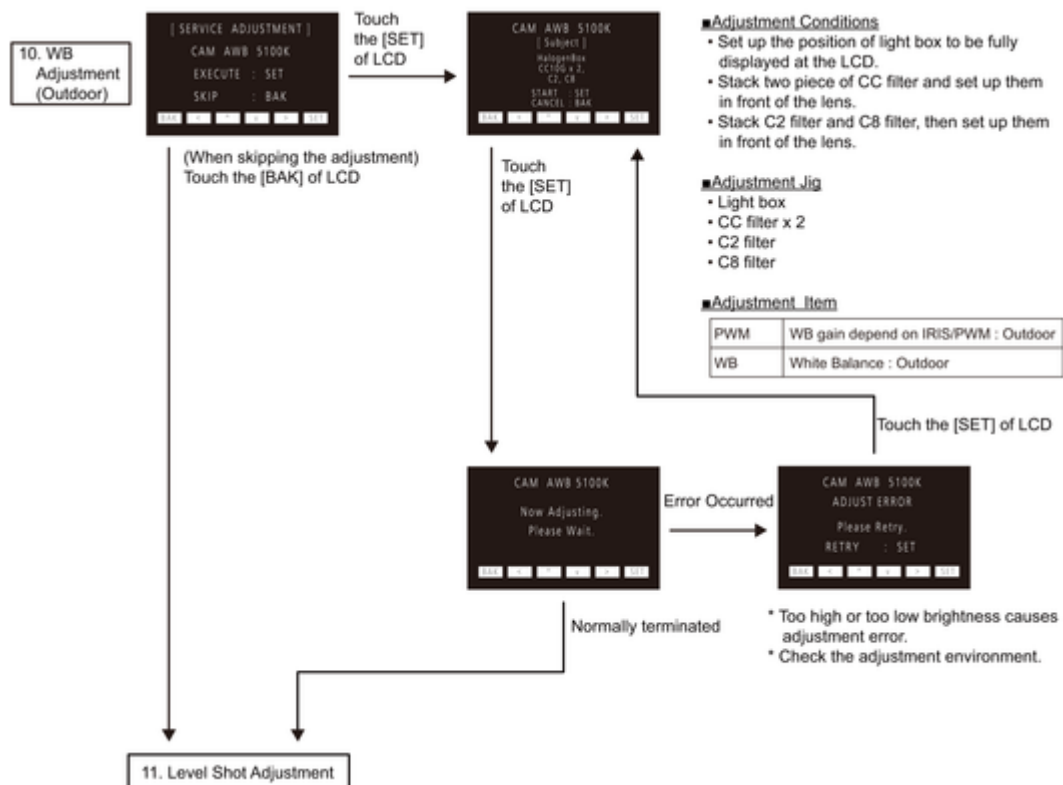
< Switches arrangement > * For location of switches, keys and etc., consult the pages of "Location of Controls and Components".

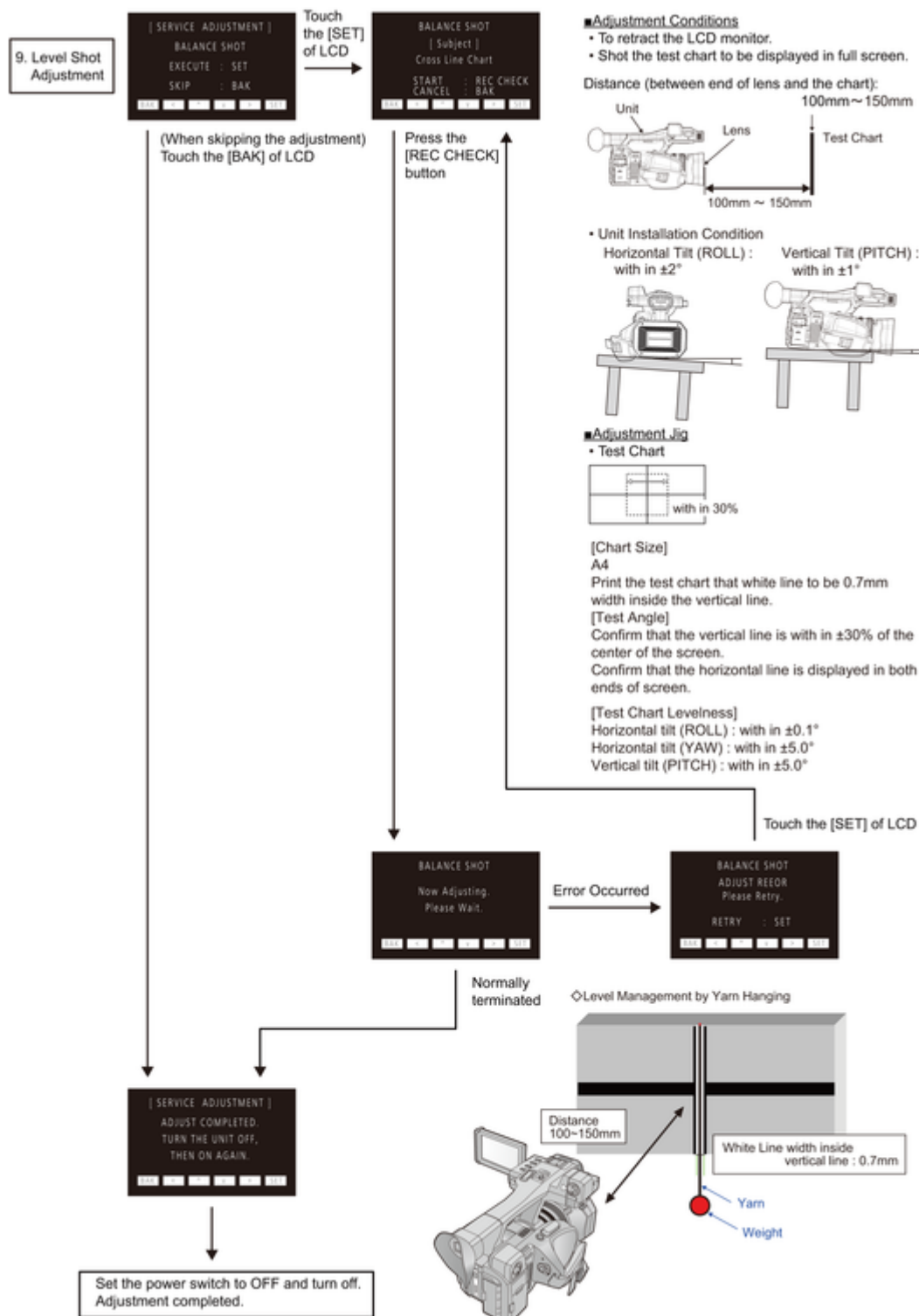








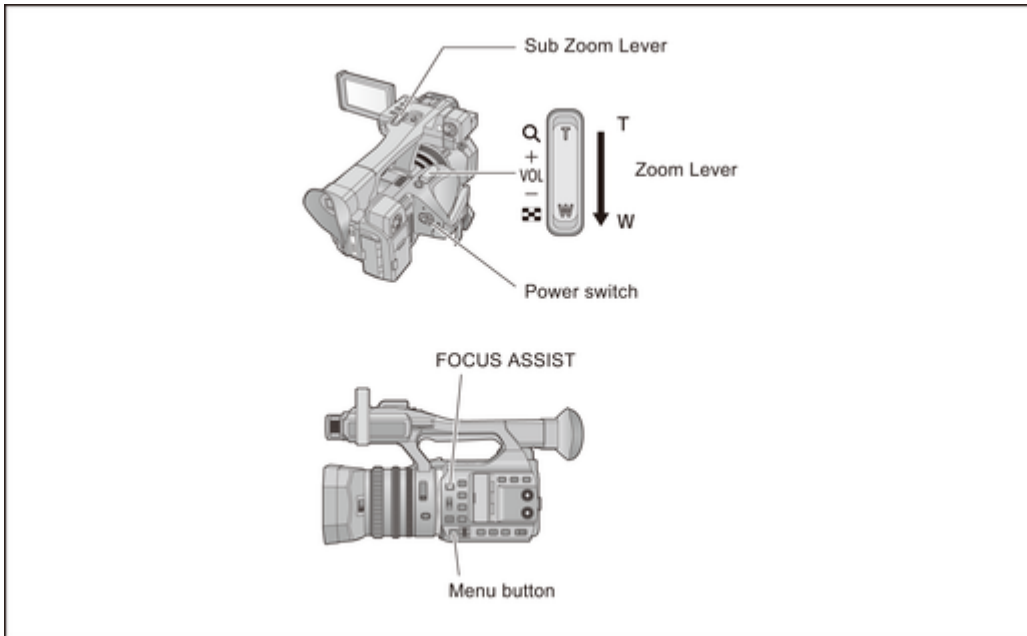




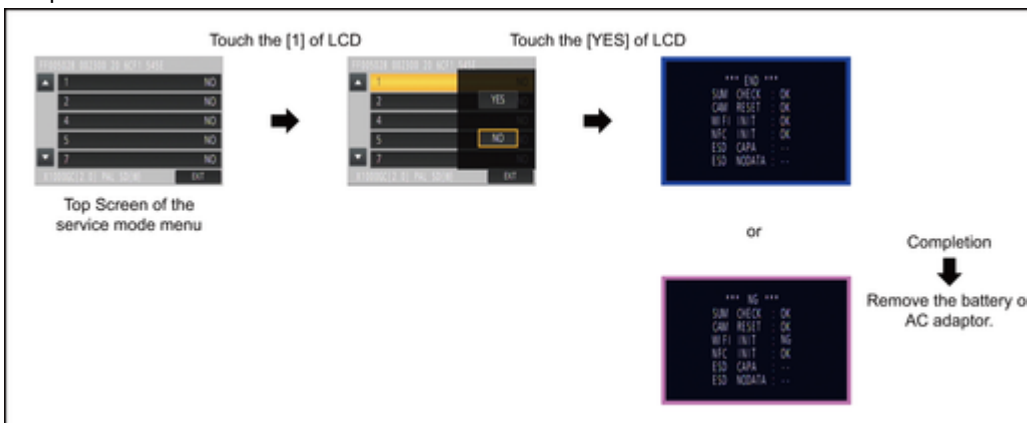
10 Factory Setting

10.1 How To Turn On The Factory Settings?

1. Set the power switch to ON, and turn to ON.
2. While pressing the “MENU”button to “FOCUS ASSIST”button and “Zoom Lever” (or “Sub zoom lever”) to W side for more than 3 seconds until the top screen of the Service Mode Menu being displayed.



3. Touch the [1] of LCD.
4. Touch the [YES] of LCD.
5. After few seconds “END” is displayed on LCD monitor. Cutting of battery connection or AC power supply connection as a completion of the “FACTORY SETTINGS”.



10.2 What Is The Factory Settings?

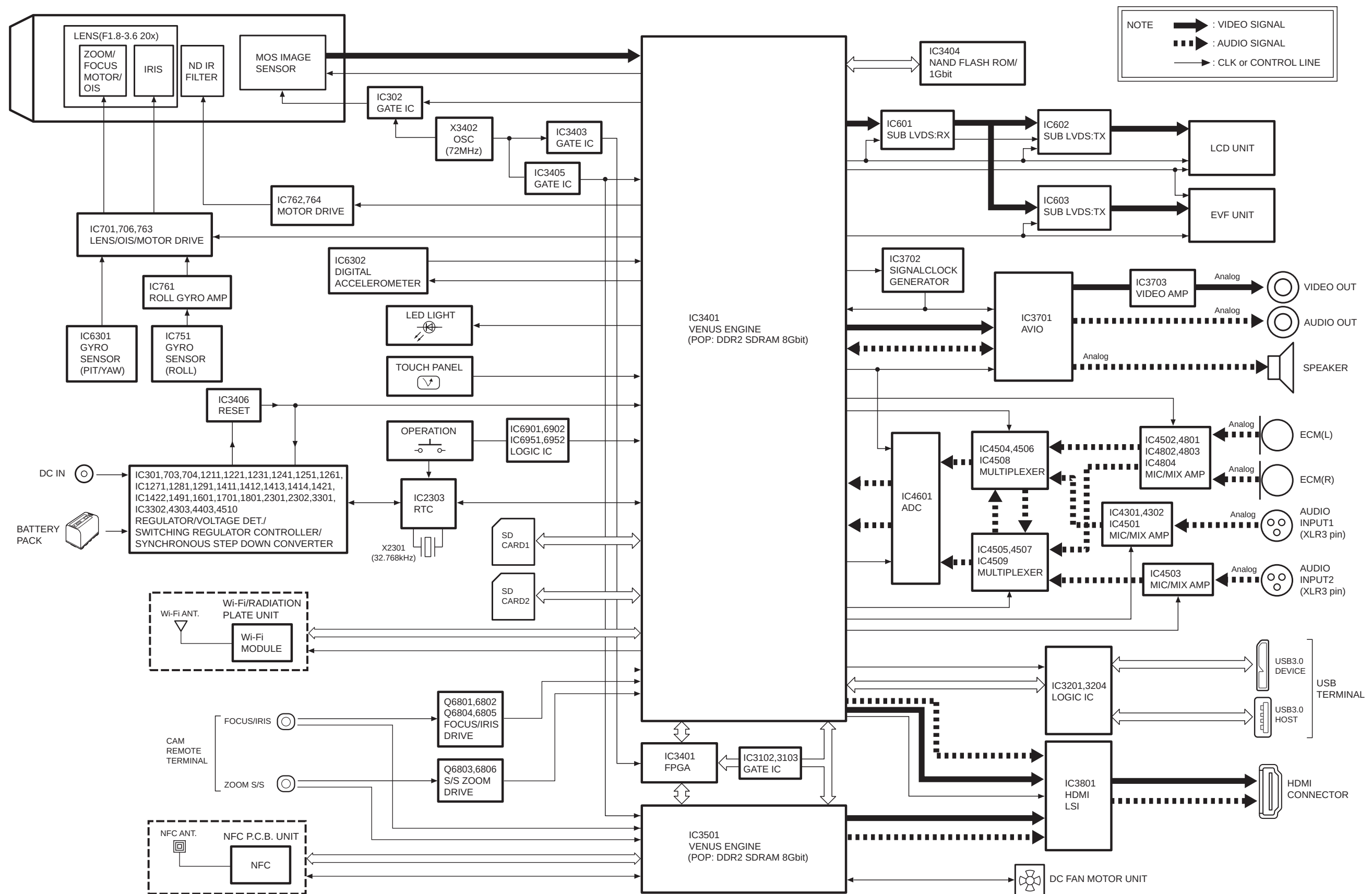
The factory settings clean up and/or refresh the following settings.

1. Setting Values of menu.
2. Clear the time and date setting.
3. Initialize the Wi-Fi data settings.
4. Initialize the NFC data settings.

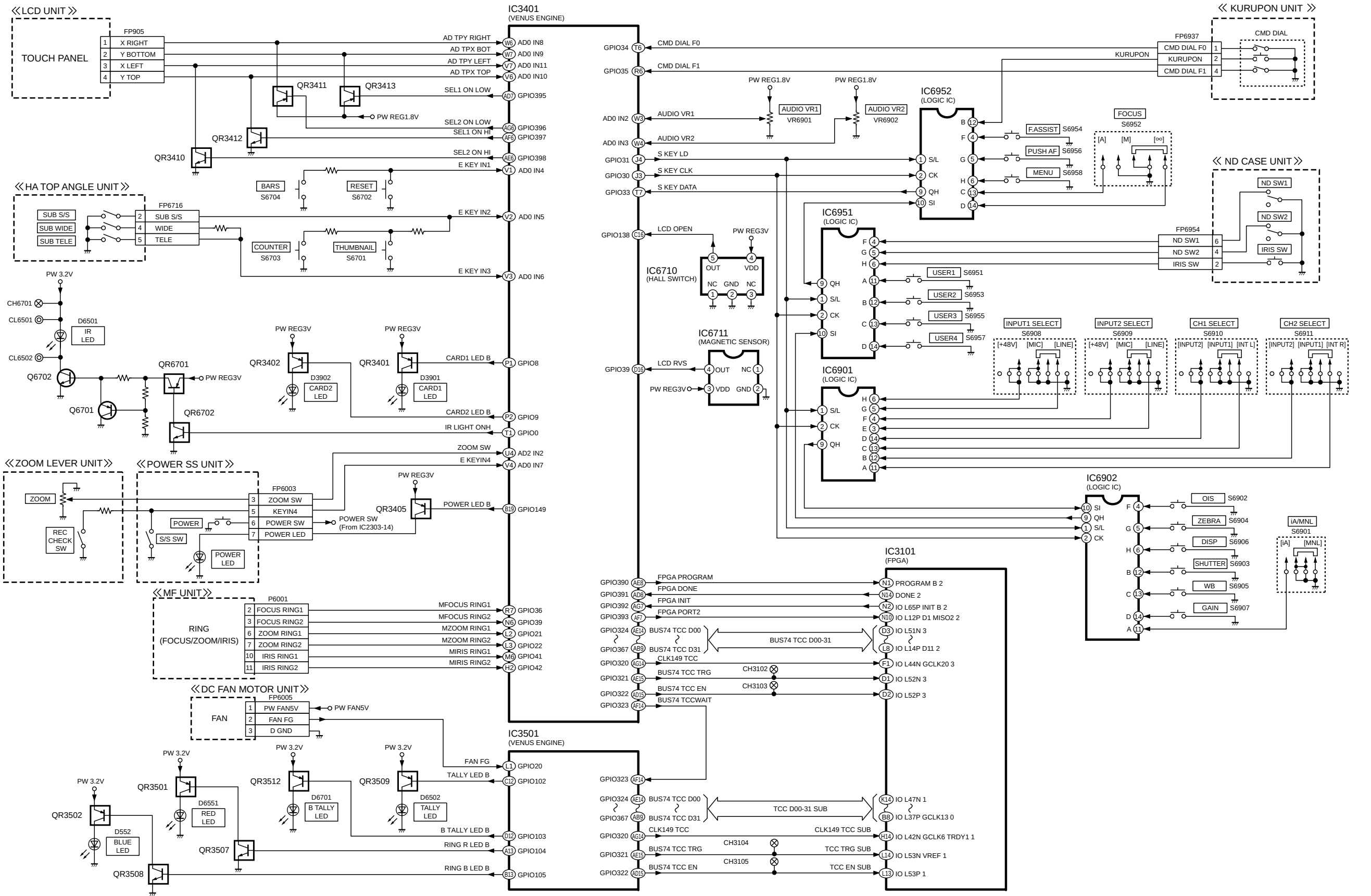
The shipment setting position of switches and lever:

(After the factory settings, set the switches and lever as following table.)

Name	Setting position
Lens Cover	Close
ND FILTER	[OFF] position
Focus	[A] position
INPUT1	[MIC] position
INPUT2	[MIC] position
CH1	[INT (L)] position
VOL	Center position
CH2	[INT (R)] position
VOL	Center position
SD Card slot cover	Open
Audio Controls cover	Close
iA/MANU switch	[iA] position
Power switch	[Off] position
Eyepiece corrector lever	[Shortsighted End] position

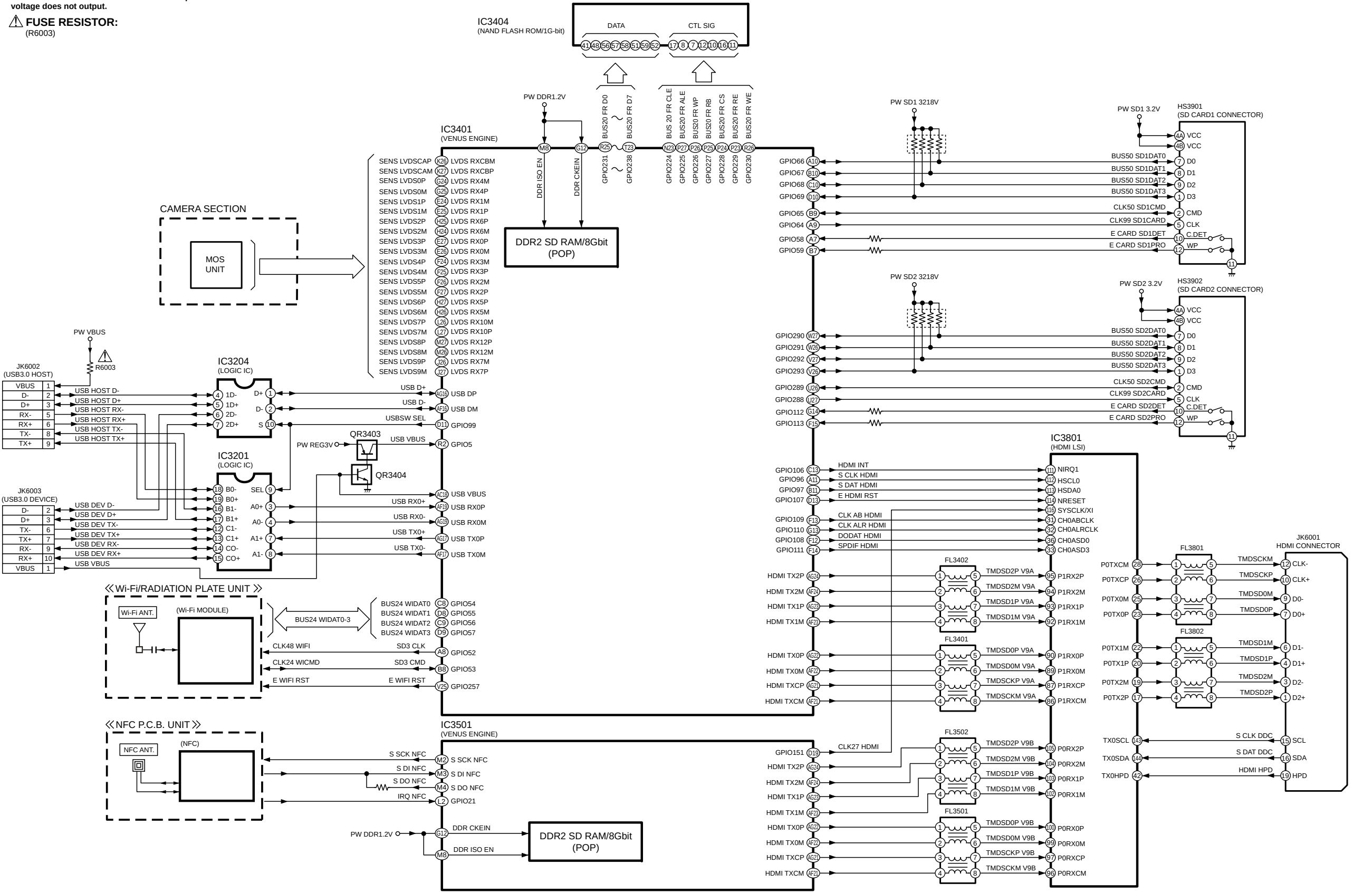


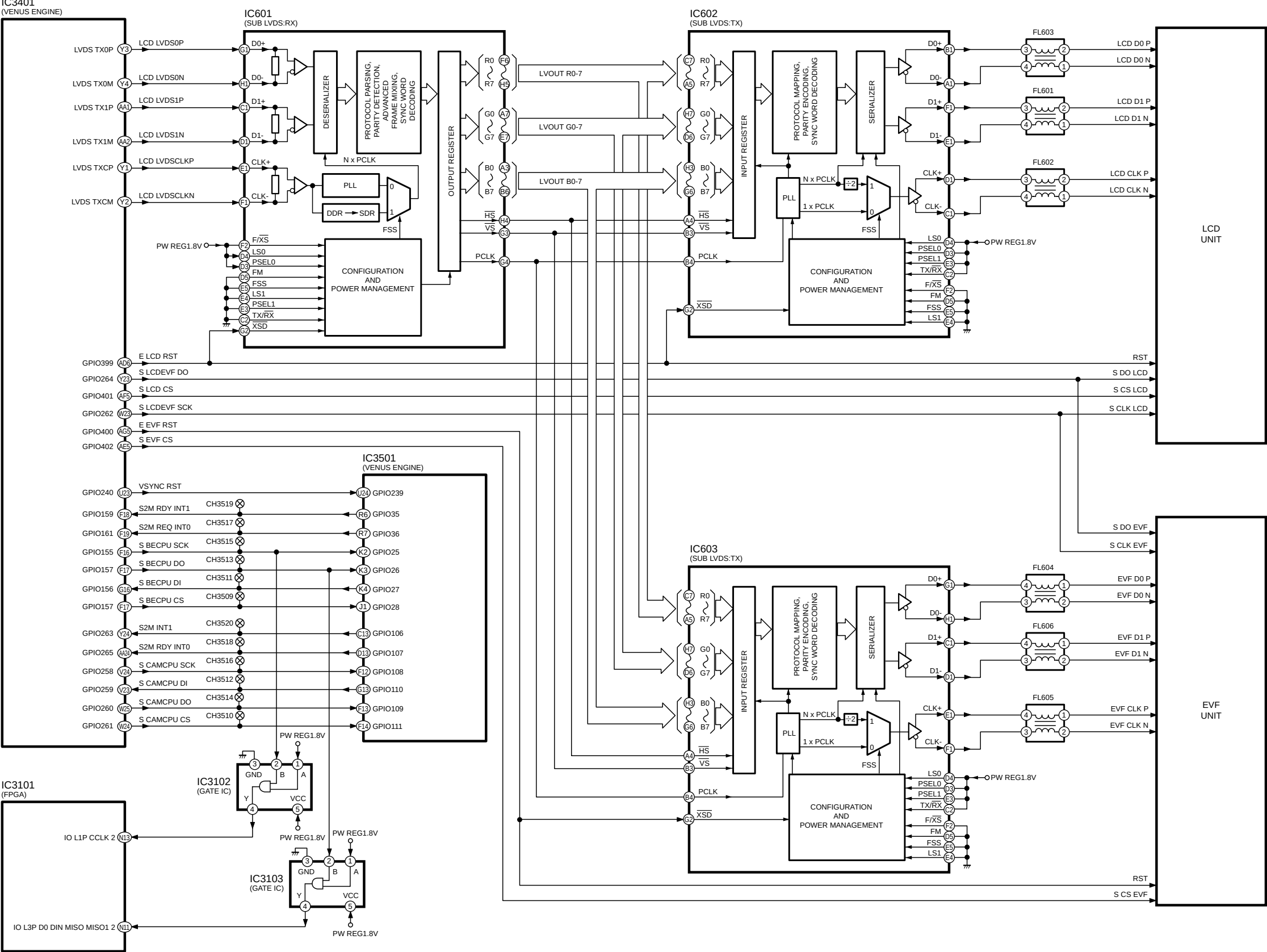




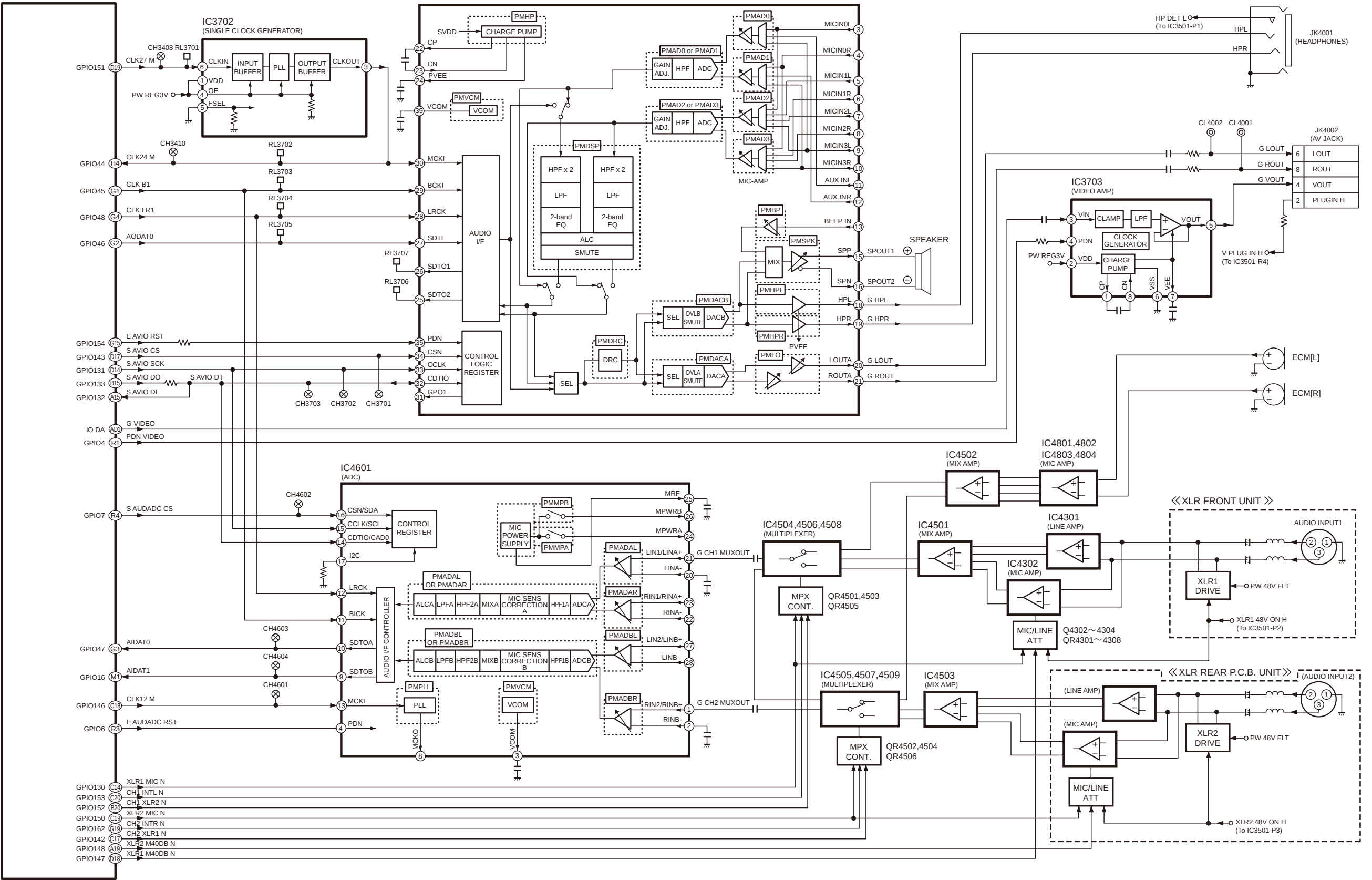
Please check the Fuse Resistor when an output voltage does not output.

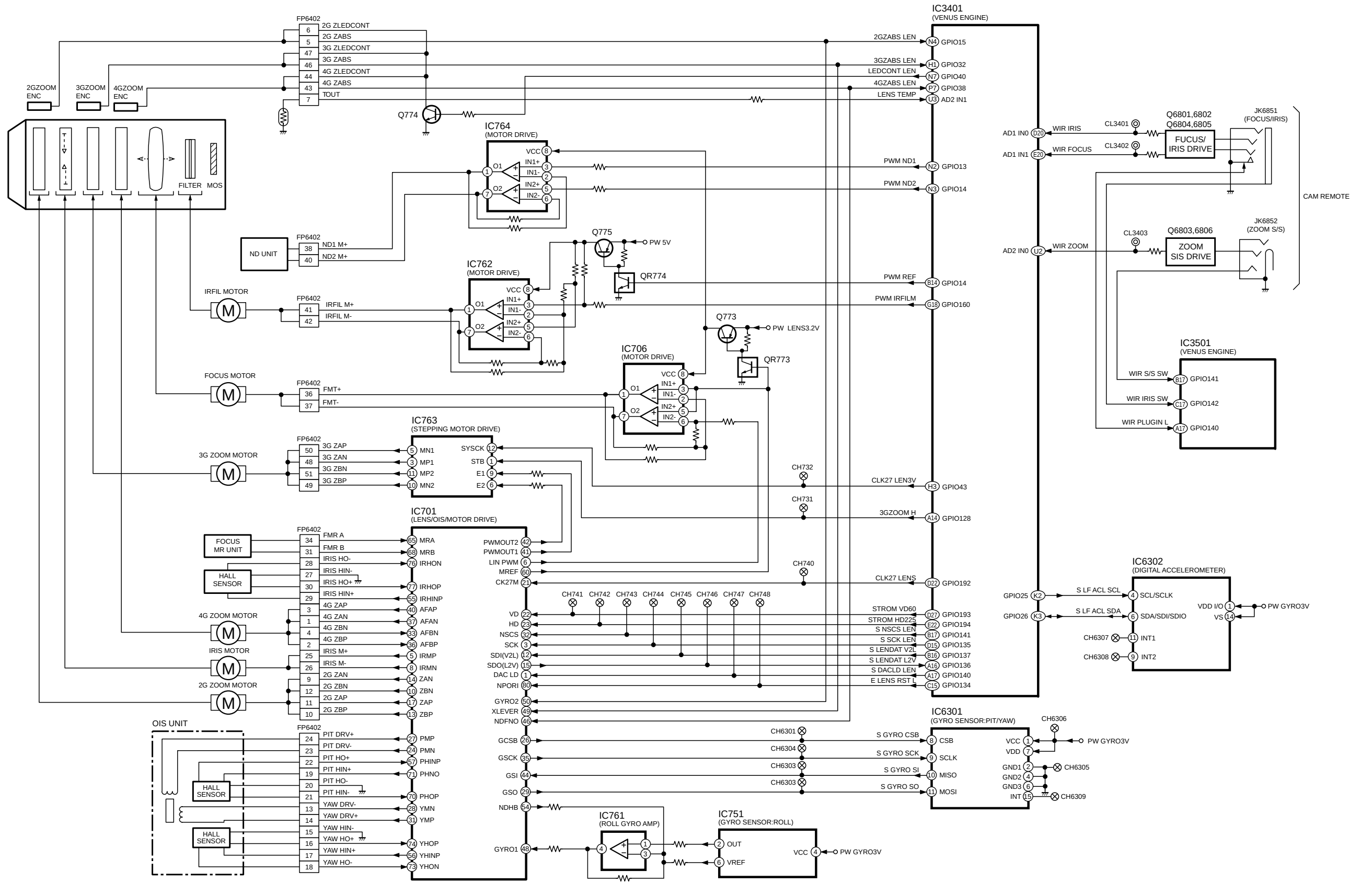
FUSE RESISTOR:
(R6003)





IC3401
(VENUS ENGINE)



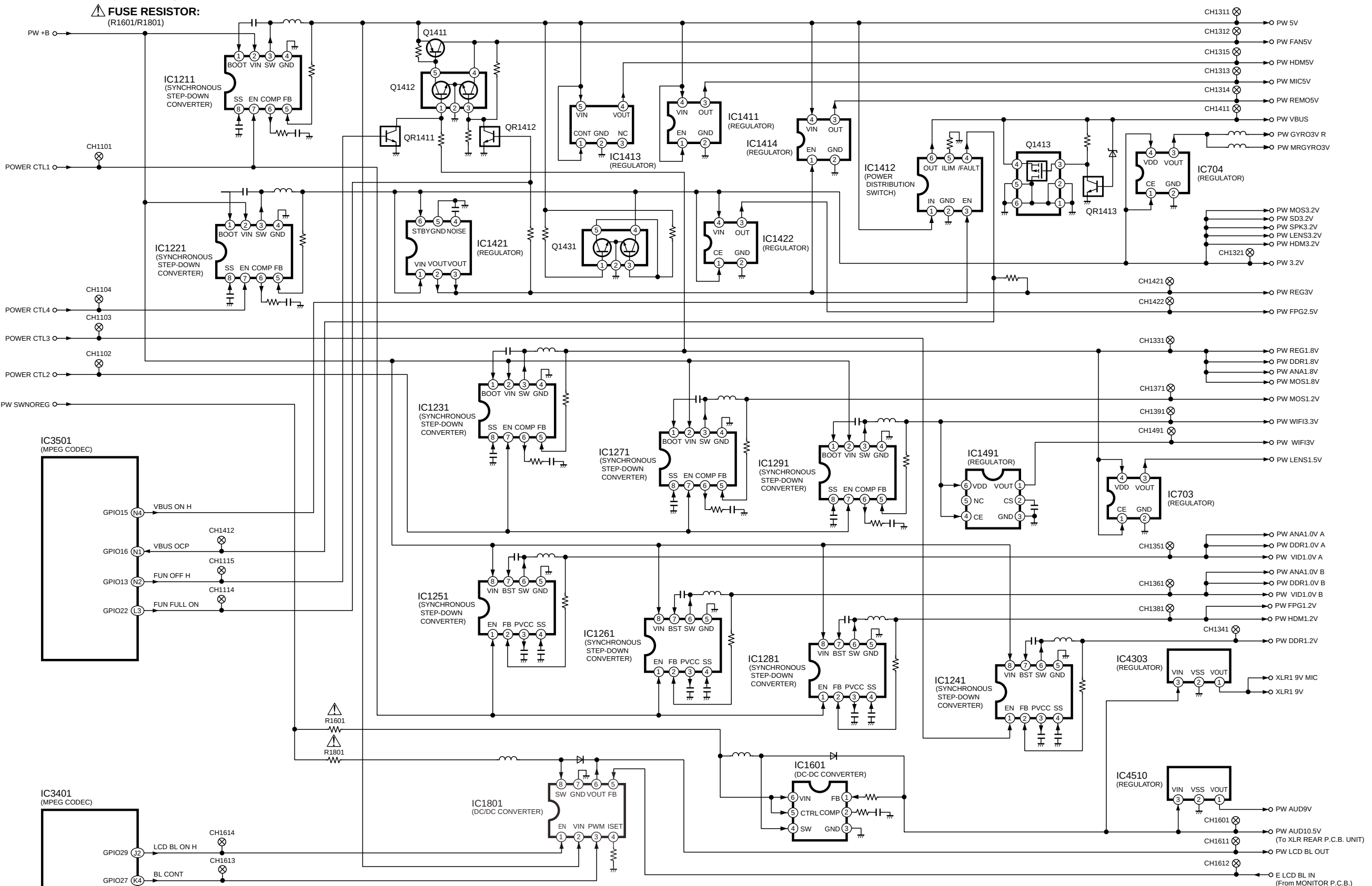


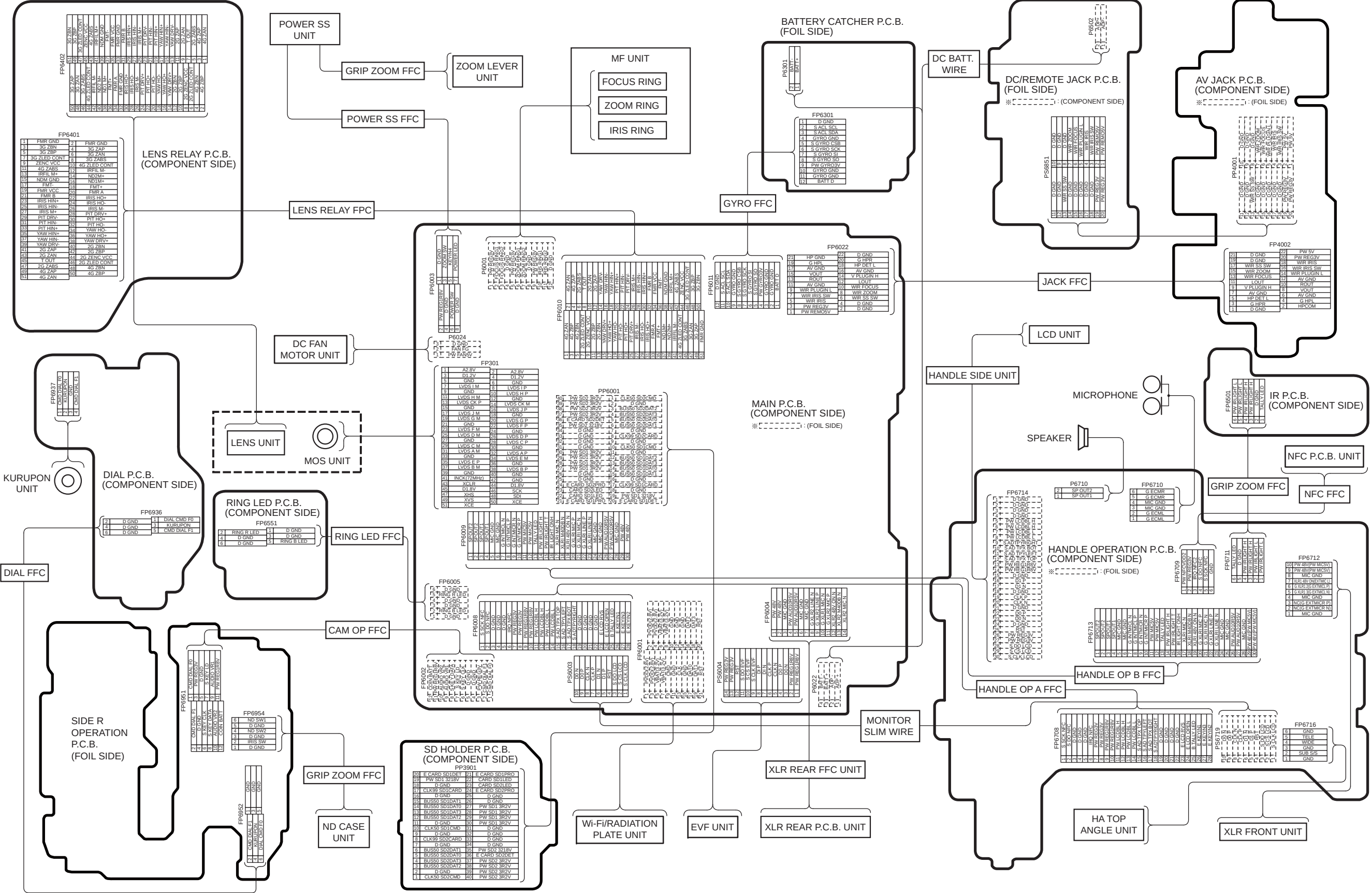
FUSE RESISTOR: (R1001/R1704) **IC PROTECTOR:** (IP6301/IP6851)

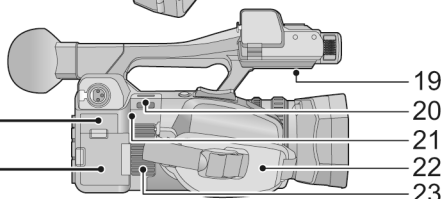
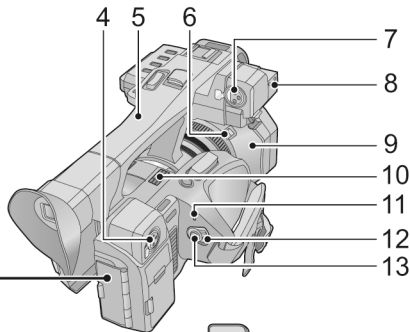
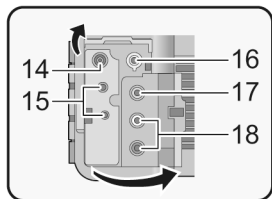
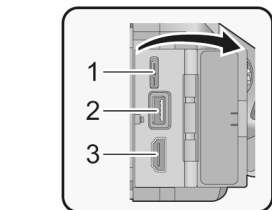


Please check the Fuse Resistor when an output voltage does not output.

FUSE RESISTOR:
(R1601/R1801)







- 1 USB terminal [USB 3.0 DEVICE]
 - 2 USB terminal [USB 3.0 HOST]
 - 3 HDMI connector [HDMI] (→ 38)
 - 4 Audio input terminals 2 (XLR 3 pin) [AUDIO INPUT2] (→ 19)
 - 5 Handle
 - 6 Lens hood release button
 - 7 Audio input terminals 1 (XLR 3 pin) [AUDIO INPUT1] (→ 19)
 - 8 Microphone holder attachment part (→ 18)
 - 9 Lens hood
 - 10 Exhaust opening (cooling fan)
 - 11 Status indicator (→ 25)
 - 12 Power switch (→ 25)
 - 13 Recording start/stop button (→ 31)
 - 14 DC input terminal [DC IN] (→ 22)
- Do not use any other AC adaptors except the supplied one.
- 15 Camera remote jack [CAM REMOTE] (3.5 mm (0.14 ") mini jack)
- It is possible to adjust the focus or iris by connecting a remote control (commercially-available).

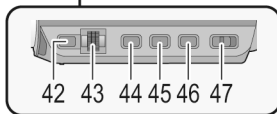
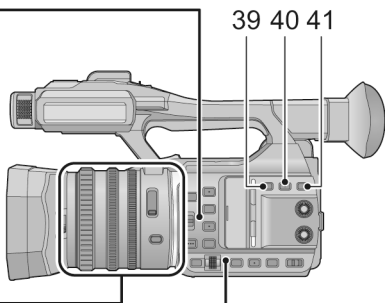
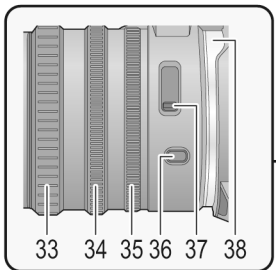
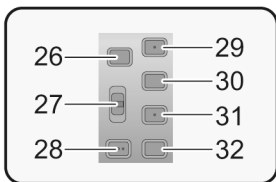
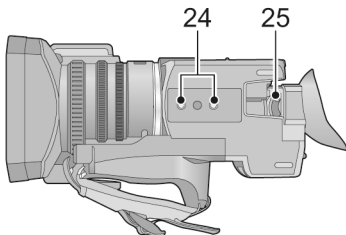
- It is not possible to use the remote control (commercially-available) in the Intelligent Auto Mode.

[ZOOM S/S] (2.5 mm (0.1 ") super mini jack)

It is possible to operate zoom operation or recording start/stop connecting with the remote control (commercially-available).

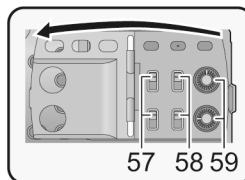
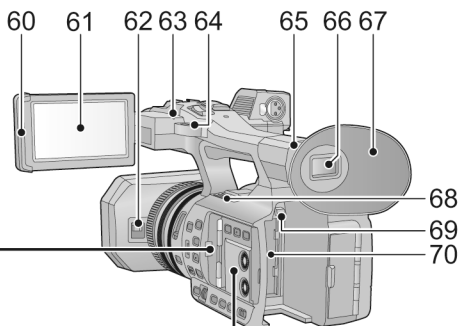
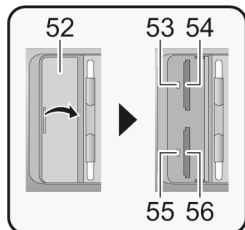
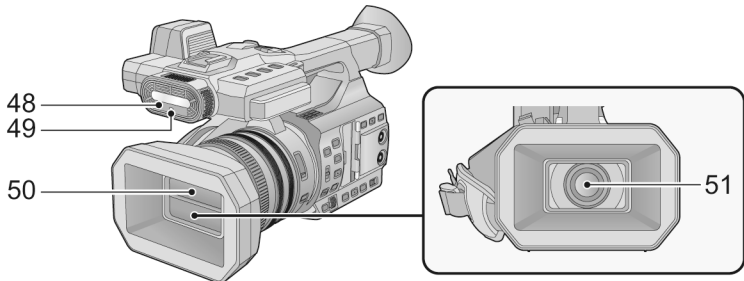
- Do not connect any equipment except the remote control (commercially-available) to the camera remote jack. Brightness of the image may change or it may not focus when an equipment other than the remote control (commercially-available) is connected.

- 16 Headphone terminal [Ω]
- 17 Video output connector [VIDEO OUT] (→ 38)
- 18 Audio output connector [AUDIO OUT] (→ 38)
- 19 Speaker
- 20 Shoulder strap fixture (→ 18)
- 21 Wi-Fi Transmitter
- 22 Grip belt (→ 17)
- 23 Inlet (cooling fan)



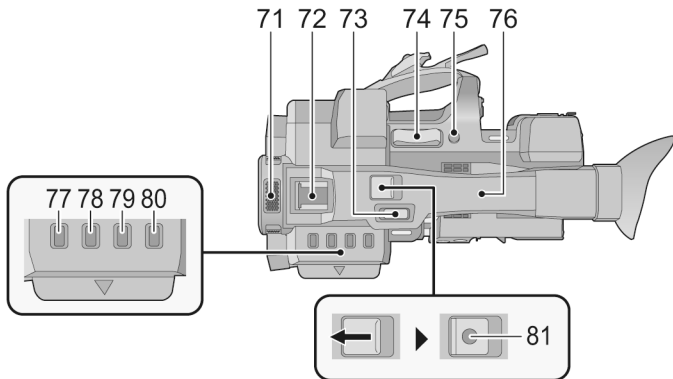
- 24 Tripod receptacle (→ 19)
- 25 Eyepiece corrector lever (→ 27)
- 26 User 5 buttons [USER5]/[FOCUS ASSIST] (→ 35)
- 27 Focus auto/Manual/∞ switch [FOCUS A/M/∞] (→ 33)
- 28 Push AF buttons [PUSH AF]
- 29 User 1 buttons [USER1] (→ 35)
- 30 User 2 buttons [USER2] (→ 35)
- 31 User 3 buttons [USER3] (→ 35)
- 32 User 4 buttons [USER4] (→ 35)
- 33 Focus ring (→ 33)
- 34 Zoom ring (→ 32)
- 35 Iris ring (→ 34)
- 36 Iris button [IRIS] (→ 34)
- 37 ND filter switch [ND FILTER]
- 38 Ring LED
- 39 Optical Image Stabilizer button [O.I.S.]
- 40 Zebra button [ZEBRA]
- 41 Display/Mode check button [DISP/ MODE CHK]
- 42 Menu button [MENU] (→ 29)

- 43 Multi-function dial [SEL/PUSH SET] (→ 33, 34)
- 44 Gain button [GAIN] (→ 34)
- 45 White Balance button [W.B.] (→ 33)
- 46 Shutter speed button [SHUTTER] (→ 34)
- 47 Intelligent auto/Manual switch [iA/MANU] (→ 32)



- 48 Infrared light
- 49 Recording lamp (Front)
- 50 Lens cover (→ 17)
- 51 Lens (LEICA DICOMAR) (→ 17)
- 52 SD Card slot cover (→ 24)
- 53 Access lamp (card 1) (→ 24)
- 54 Card slot 1 (→ 24)
- 55 Access lamp (card 2) (→ 24)
- 56 Card slot 2 (→ 24)
- 57 INPUT 1, 2 switches [INPUT1, INPUT2]
- 58 CH1, CH2 switches [CH1, CH2]
- 59 Audio control knobs [CH1, CH2]
- 60 LCD monitor extract part (→ 26)
- 61 LCD monitor (Touch screen) (→ 27)
- 62 Lens cover open/close lever (→ 17)
- 63 Recording lamp (Rear)
- 64 Shoulder strap fixture (→ 18)
- 65 Eye cup attachment part (→ 17)

- 66 Viewfinder (→ 27)
- 67 Eye cup (→ 17)
- 68 Exhaust opening (cooling fan)
- 69 Battery release button [PUSH] (→ 21)
- 70 Battery holder (→ 21)



71 Internal microphones

72 Accessory shoe

73 Sub zoom lever (→ 32)

- This lever functions in the same manner as the zoom lever.

74 Zoom lever [T/W] (In Recording Mode) (→ 32)

Volume lever [+VOL-]/Thumbnail display switch [Q / 

75 User 6 buttons [REC CHECK] (→ 35)

76 NFC touch area [

77 Thumbnail button [THUMBNAIL]

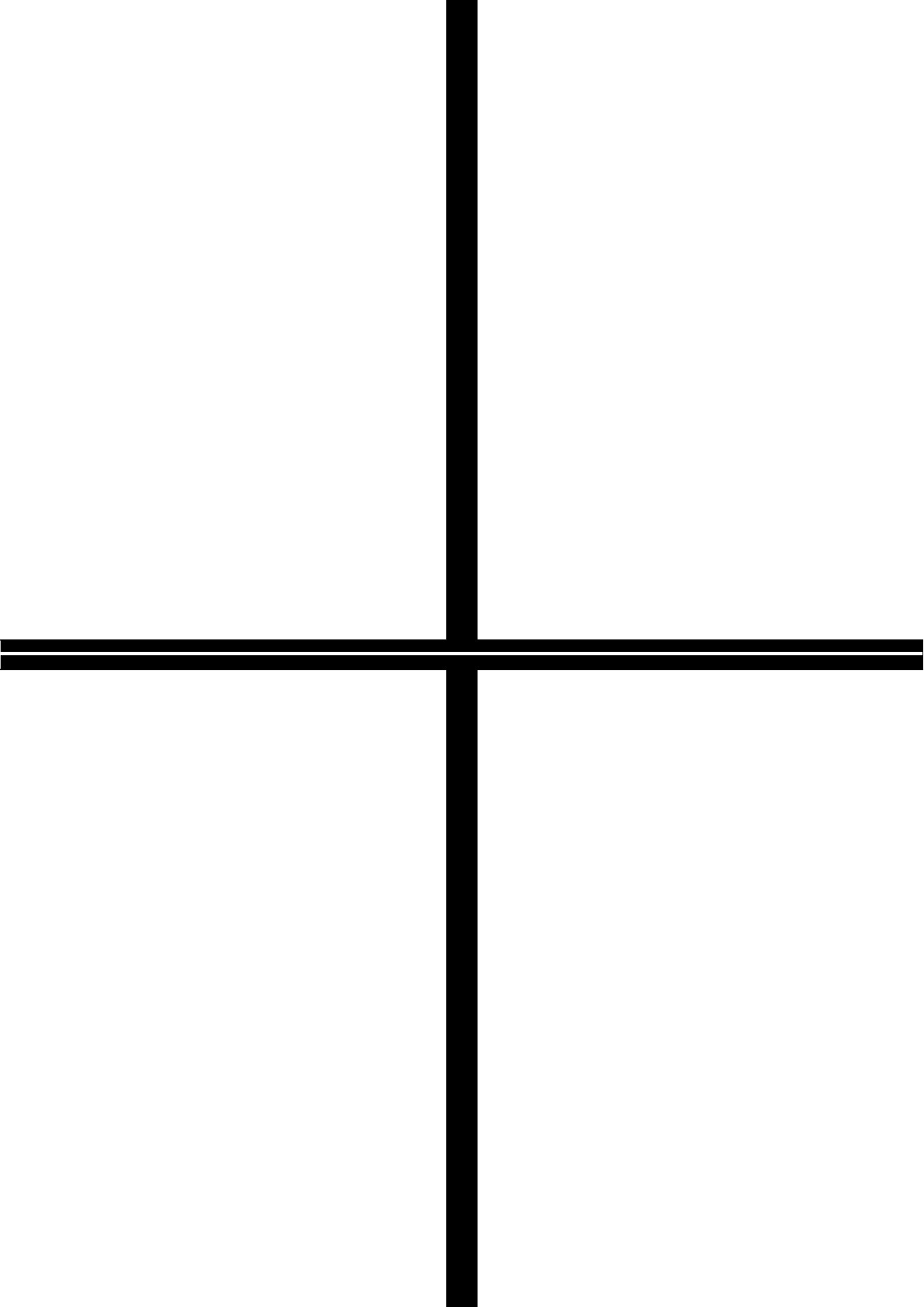
78 Counter button [COUNTER]

79 Counter reset button [RESET]

80 Color Bar Screen button [BARS]

81 Sub recording start/stop button

- This button functions in the same manner as the recording start/stop button.

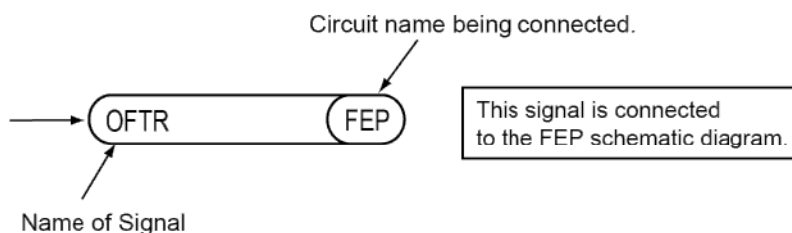


Model No. : HC-X1000PP/E/EE/GC Schematic Diagram Note

IMPORTANT SAFETY NOTICE:

COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY. WHEN REPLACING ANY OF THESE COMPONENTS USE ONLY THE SAME TYPE.

1. Although reference number of the parts is indicated on the P.C.B. drawing and/or schematic diagrams, it is NOT mounted on the P.C.B. when it is displayed with "\$" mark.
2. It is only the "Test Round" and no terminal (Pin) is available on the P.C.B. when the TP (Test Point) indicated as "●" mark.
3. Use the parts number indicated on the Replacement Parts List .
4. Indication on Schematic diagrams:



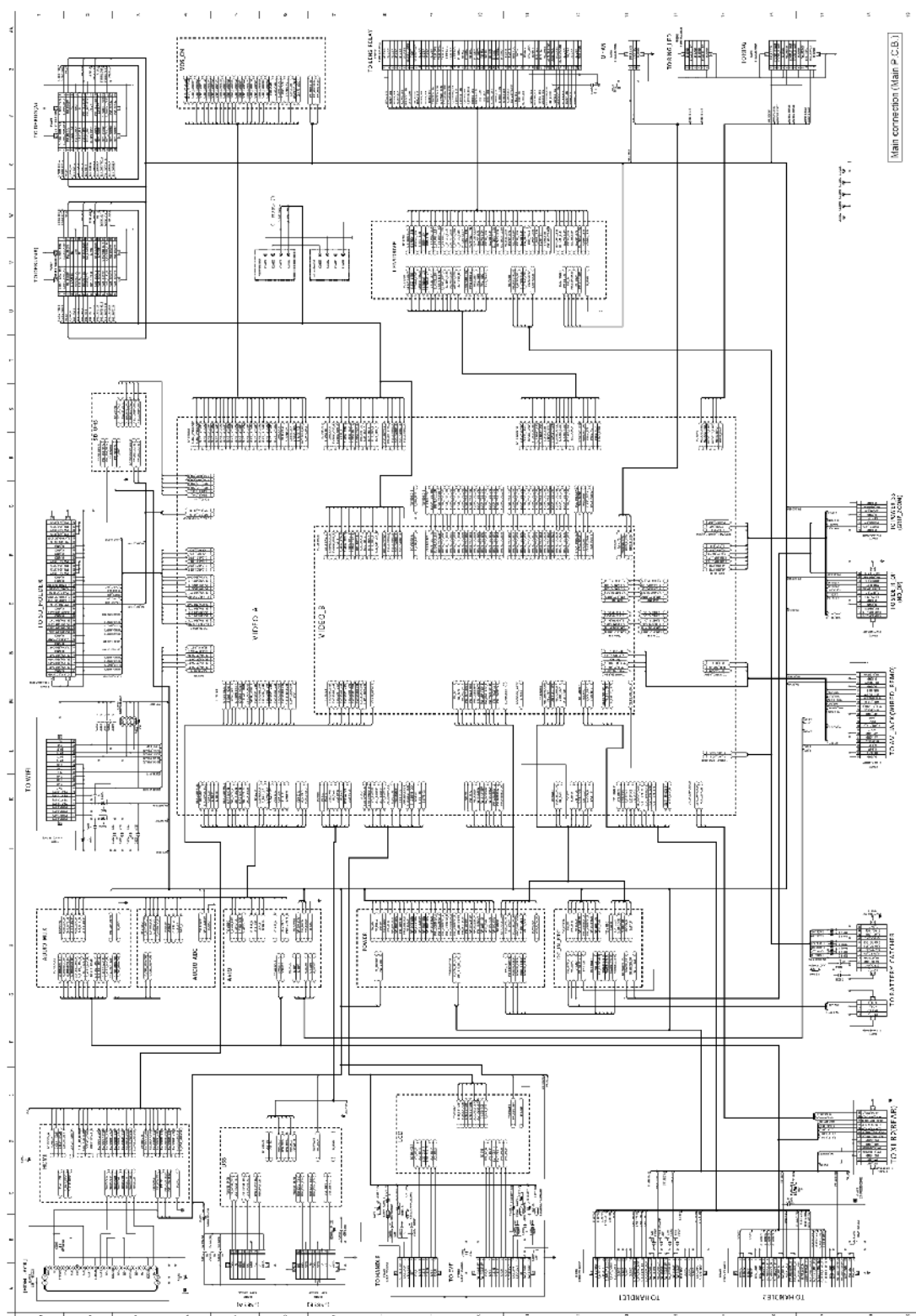
5. It might be taking time for display and/or access of the Schematic Diagrams & P. C. B having the heavy data volume.

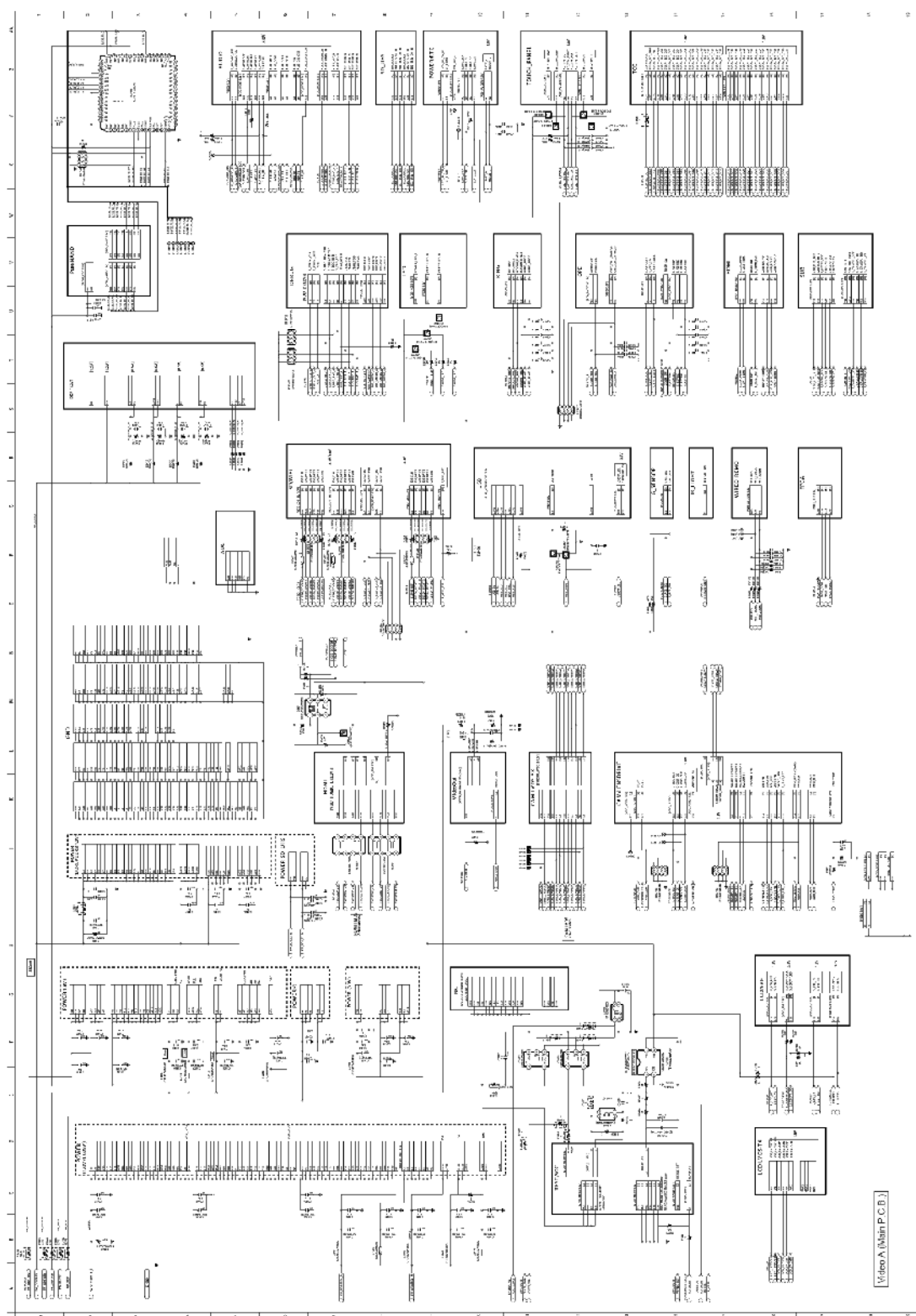
Model No. : HC-X1000PP/E/EE/GC Parts List Note

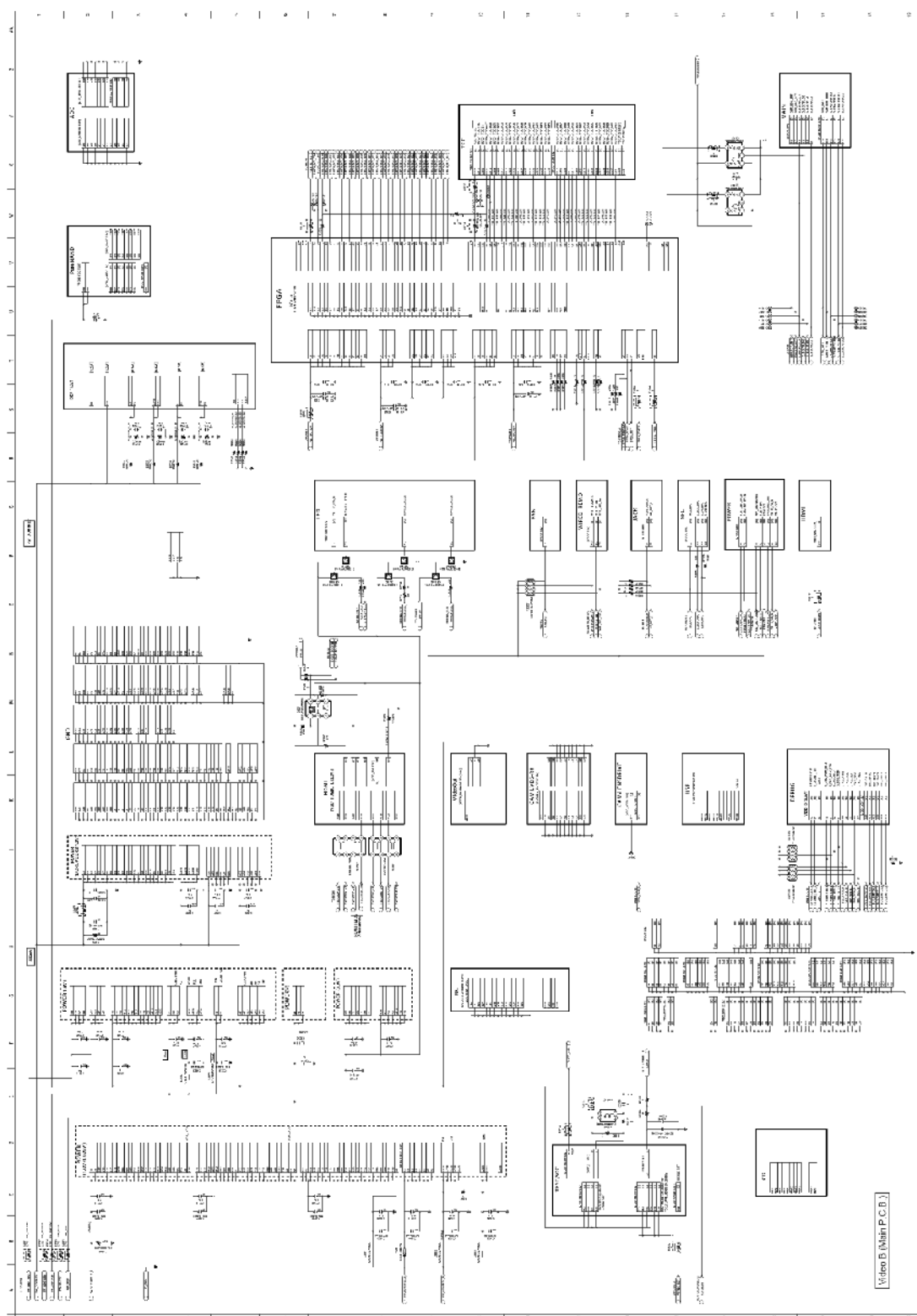
- Note:
- 1.* Be sure to make your orders of replacement parts according to this list.
 2. IMPORTANT SAFETY NOTICE
Components identified with the mark  have the special characteristics for safety.
When replacing any of these components, use only the same type.
 3. Unless otherwise specified,
All resistors are in OHMS, K=1,000 OHMS. All capacitors are in MICRO-FARADS (uf), P=uuF.
 4. The marking (RTL) indicates the retention time is limited for this item. After the discontinuation of this assembly in production, it will no longer be available.

E.S.D. standards for Electrostatically Sensitive Devices, refer to “PREVENTION OF ELECTROSTATIC DISCHARGE (ESD) TO ELECTROSTATICALLY SENSITIVE (ES) DEVICES” section.

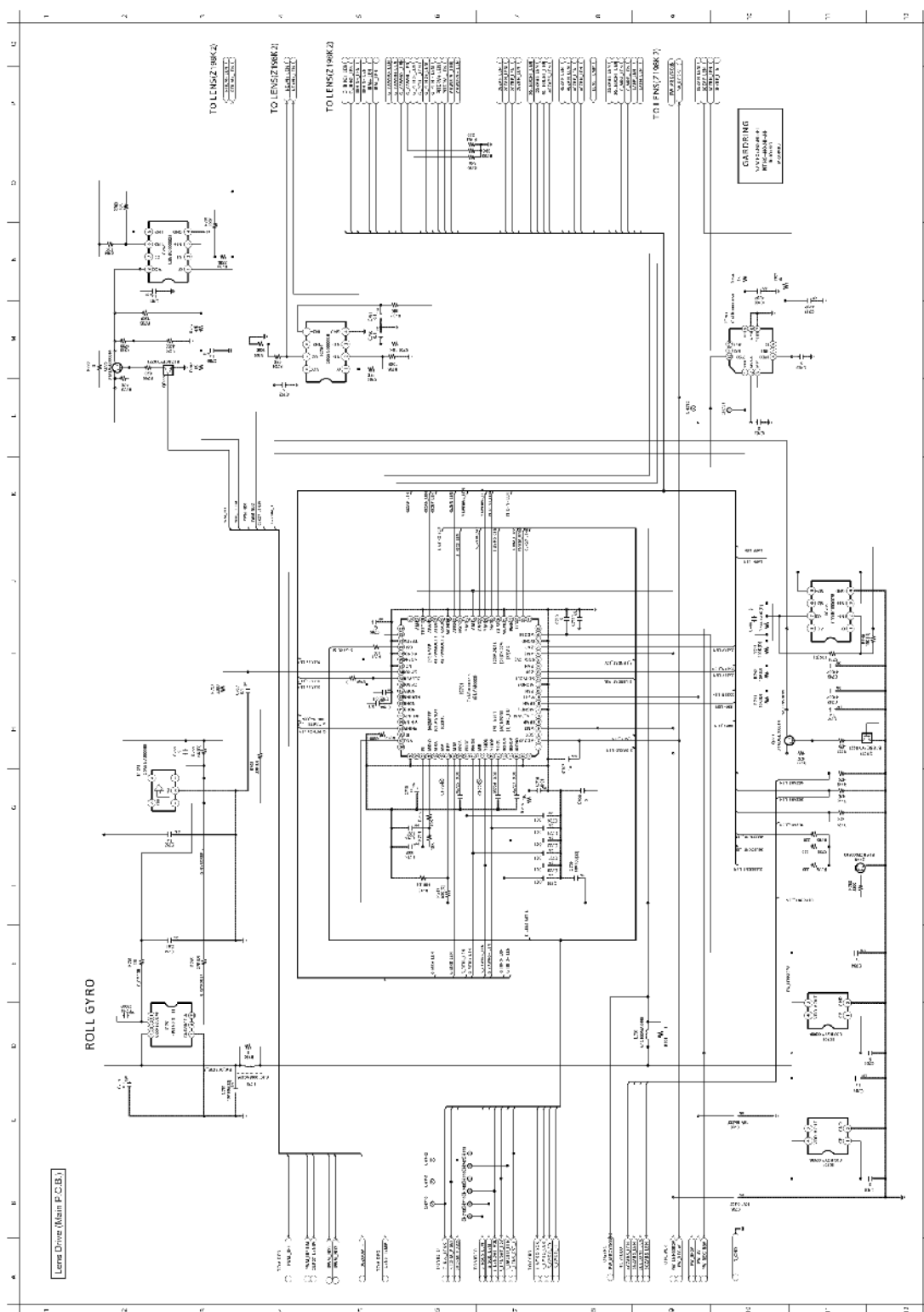
Model No. : HC-X1000PP/E/EE/GC Main connection (Main P.C.B.)



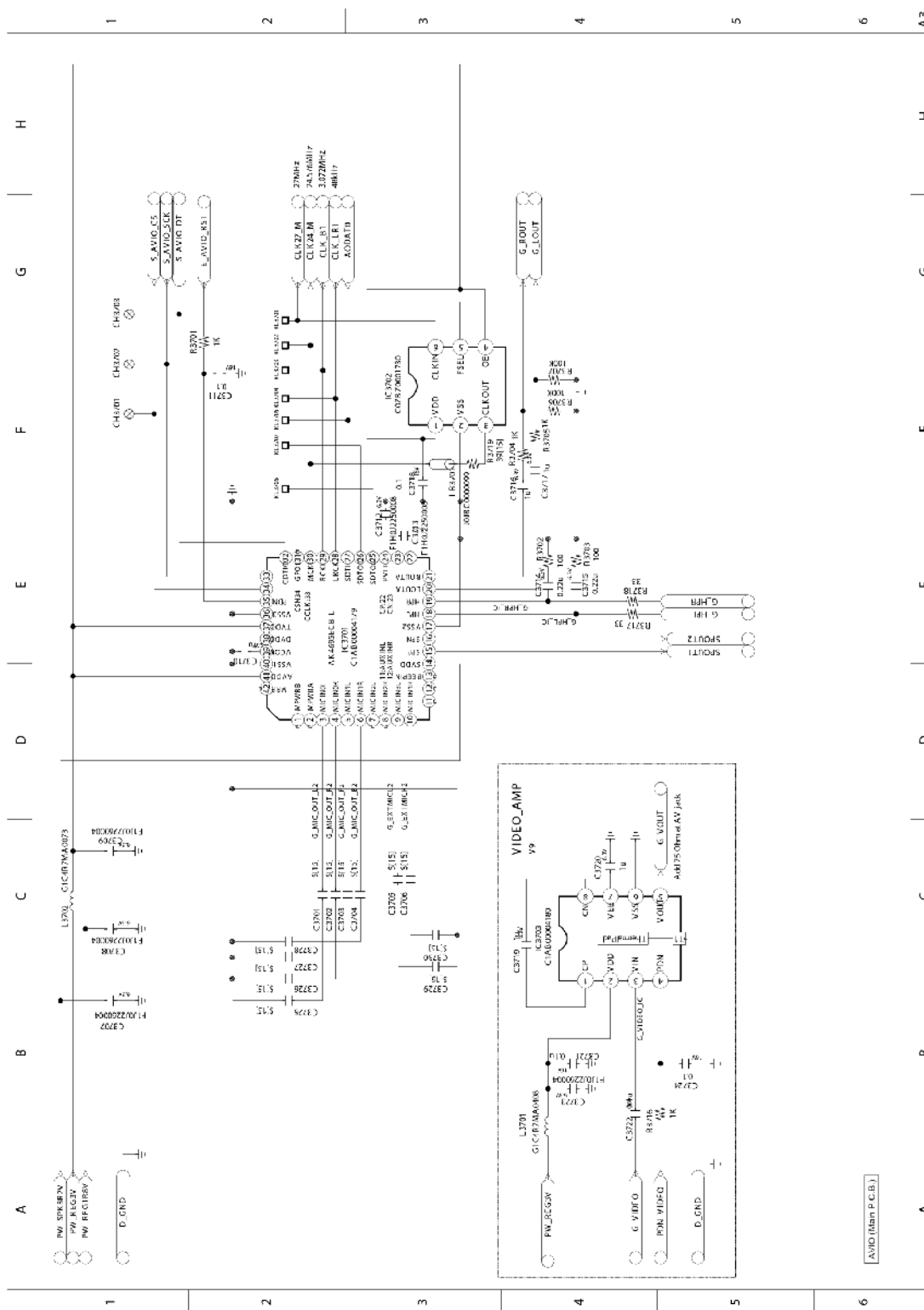
Model No. : HC-X1000PP/E/EE/GC Video A (Main P.C.B.)

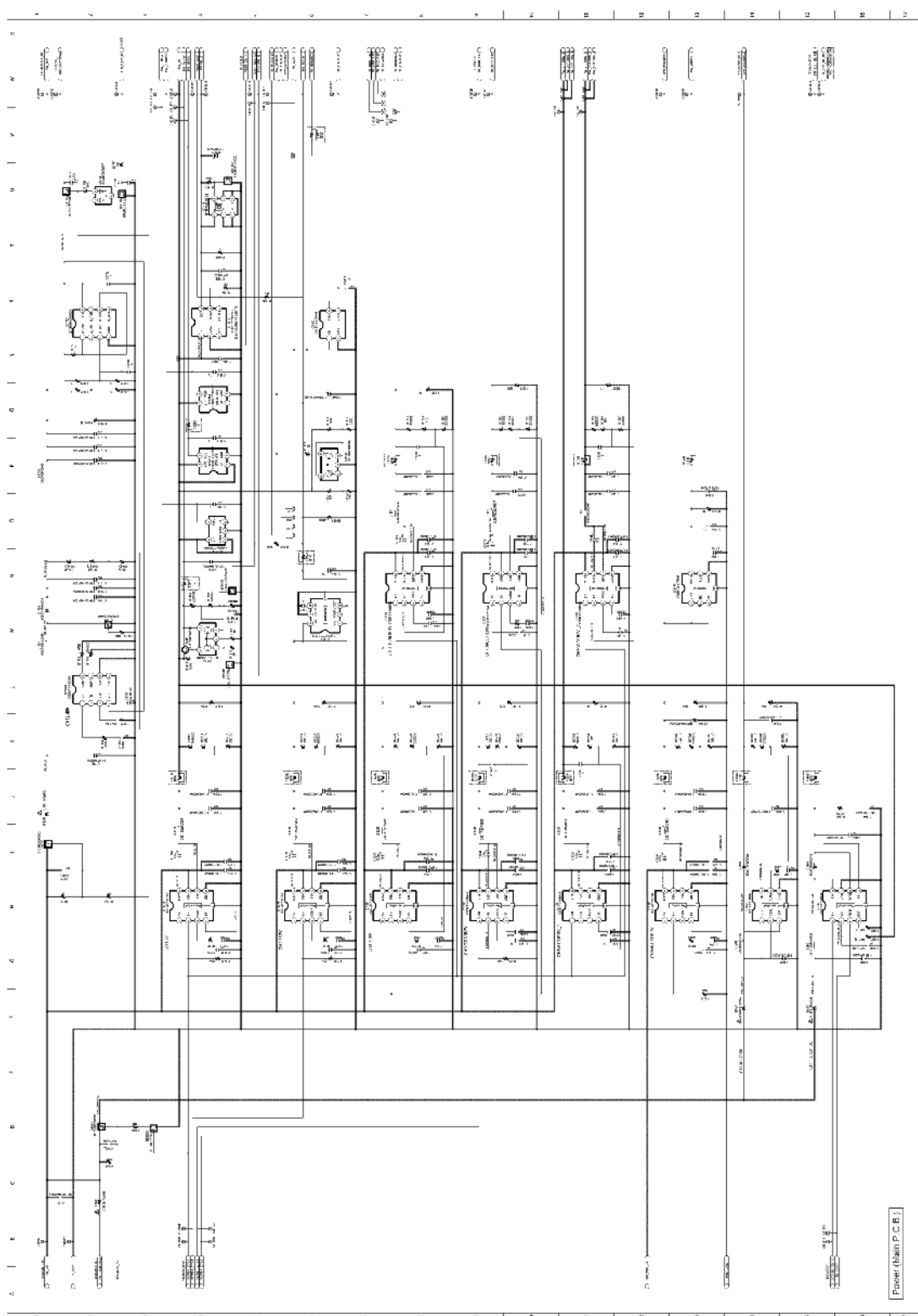
Model No. : HC-X1000PP/E/EE/GC Video B (Main P.C.B.)

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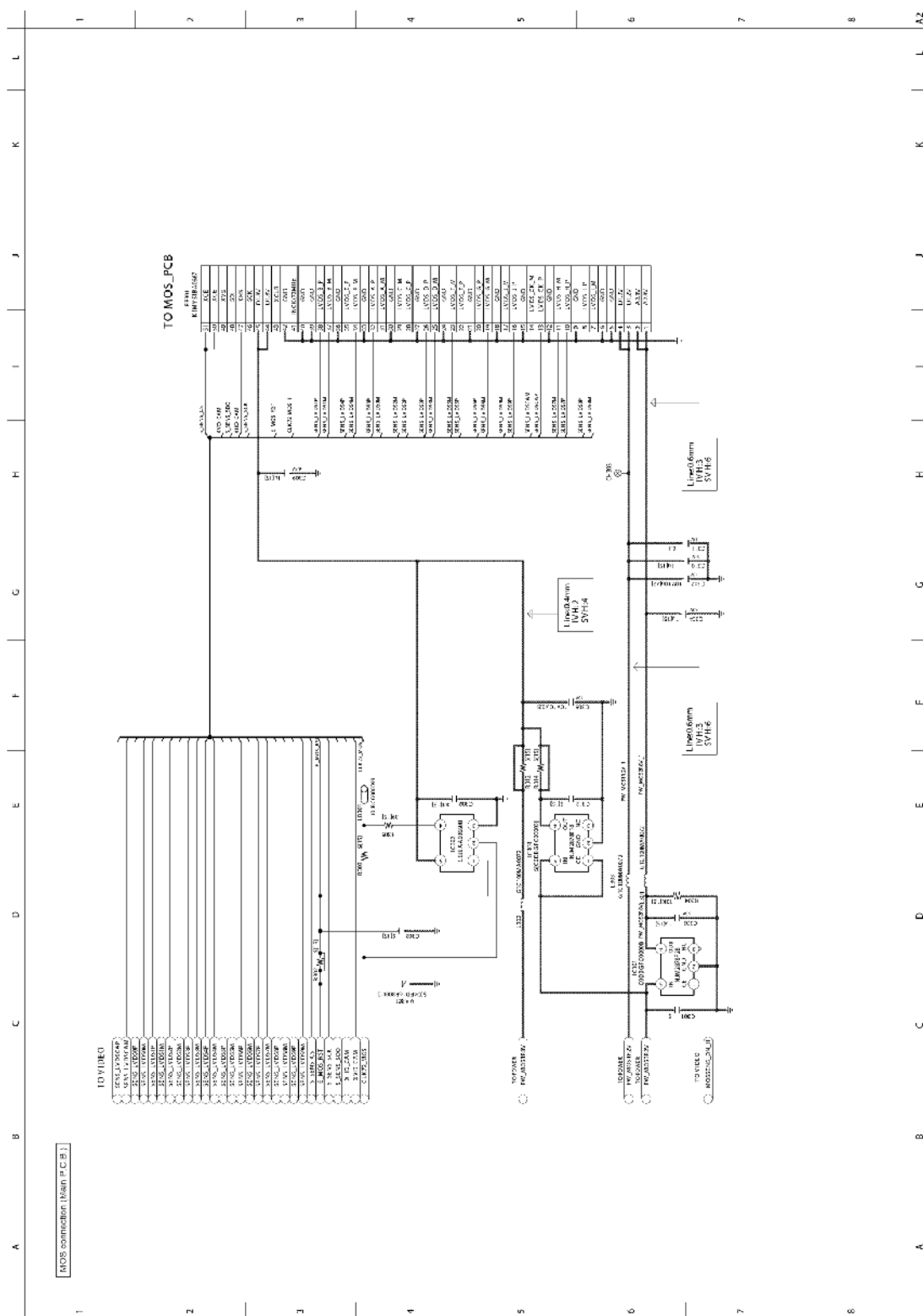


Model No. : HC-X1000PP/E/EE/GC AVIO (Main P.C.B.)

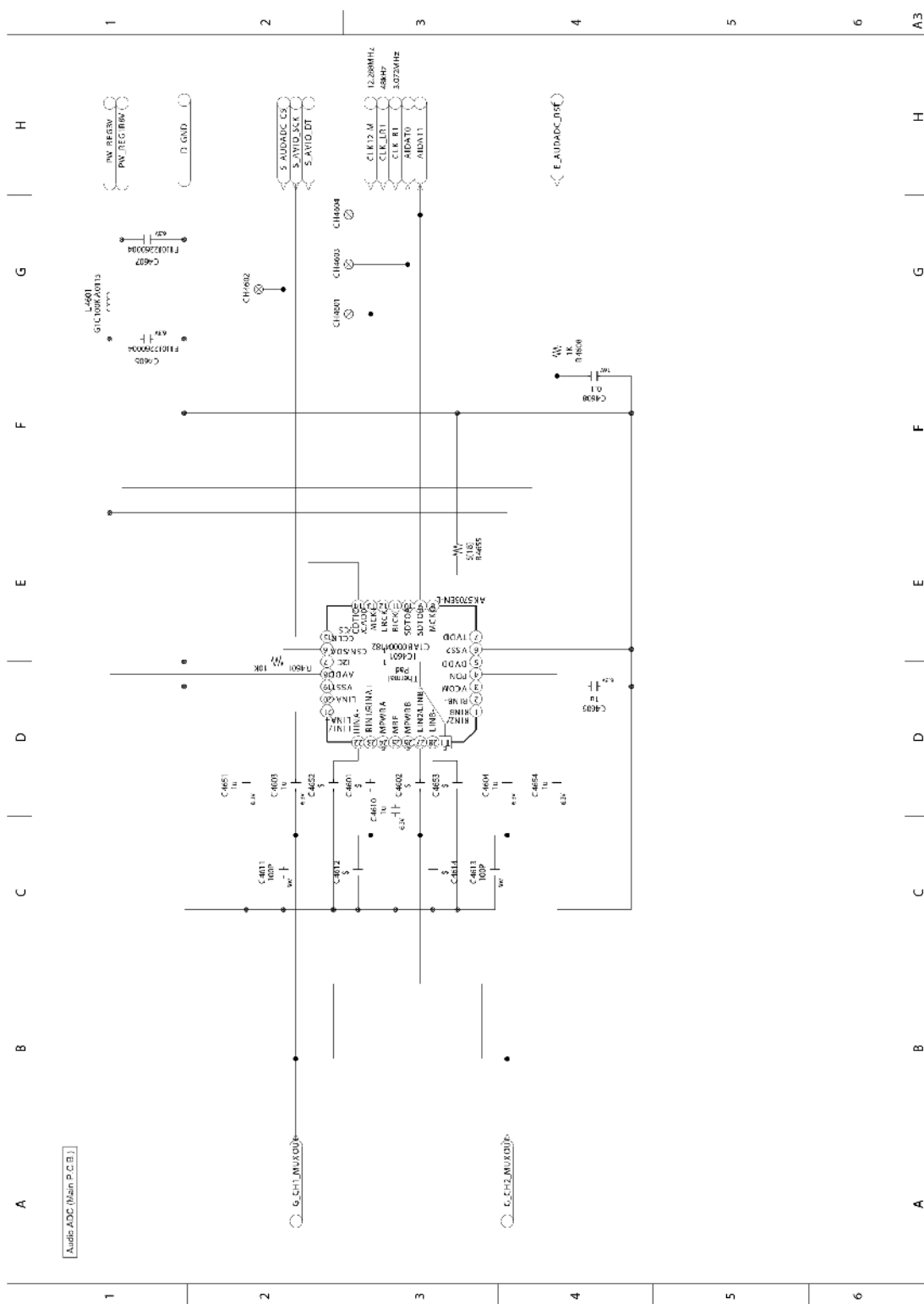


Model No. : HC-X1000PP/E/EE/GC Power (Main P.C.B.)

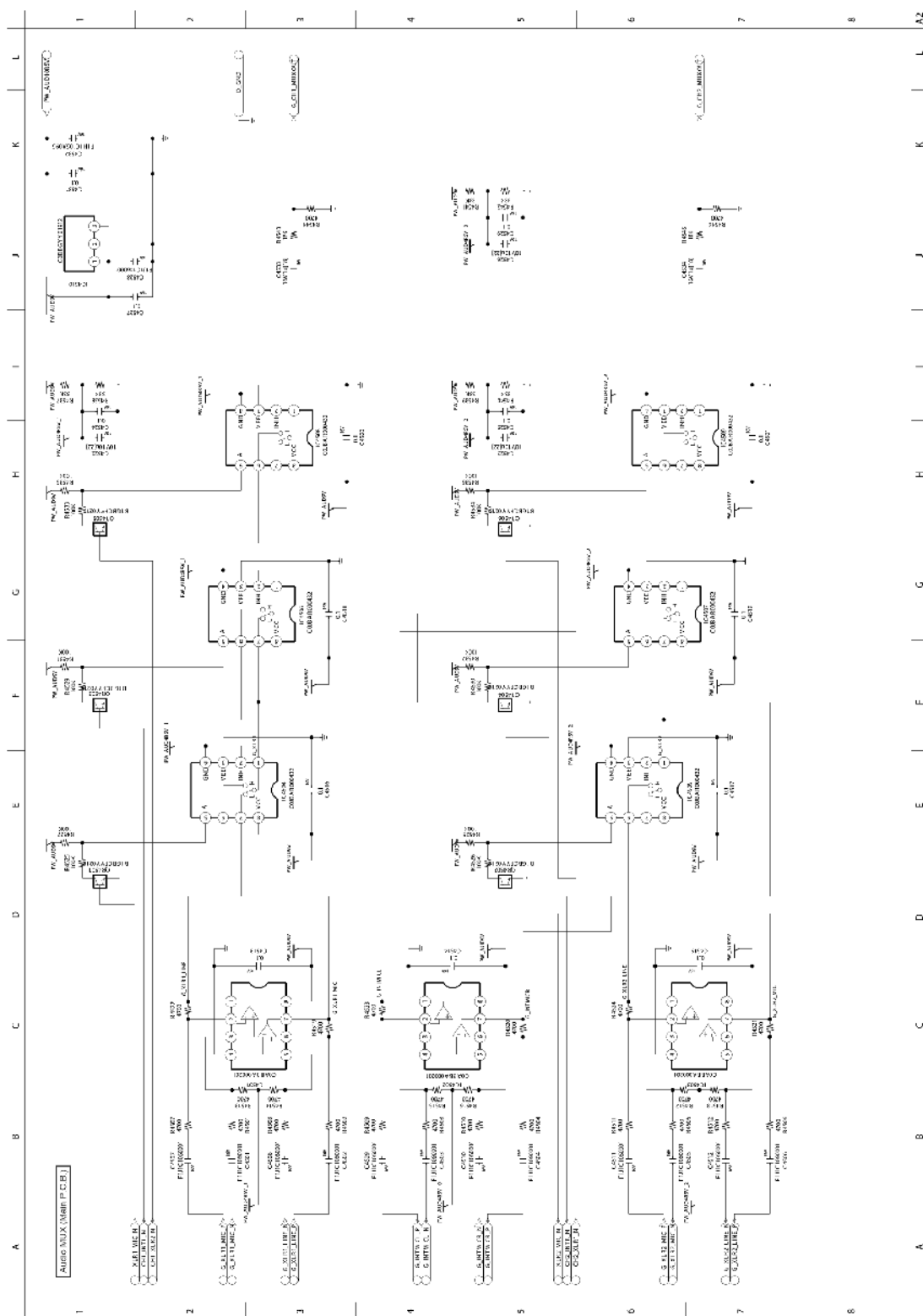
MOS connection (Main P.C.B.)



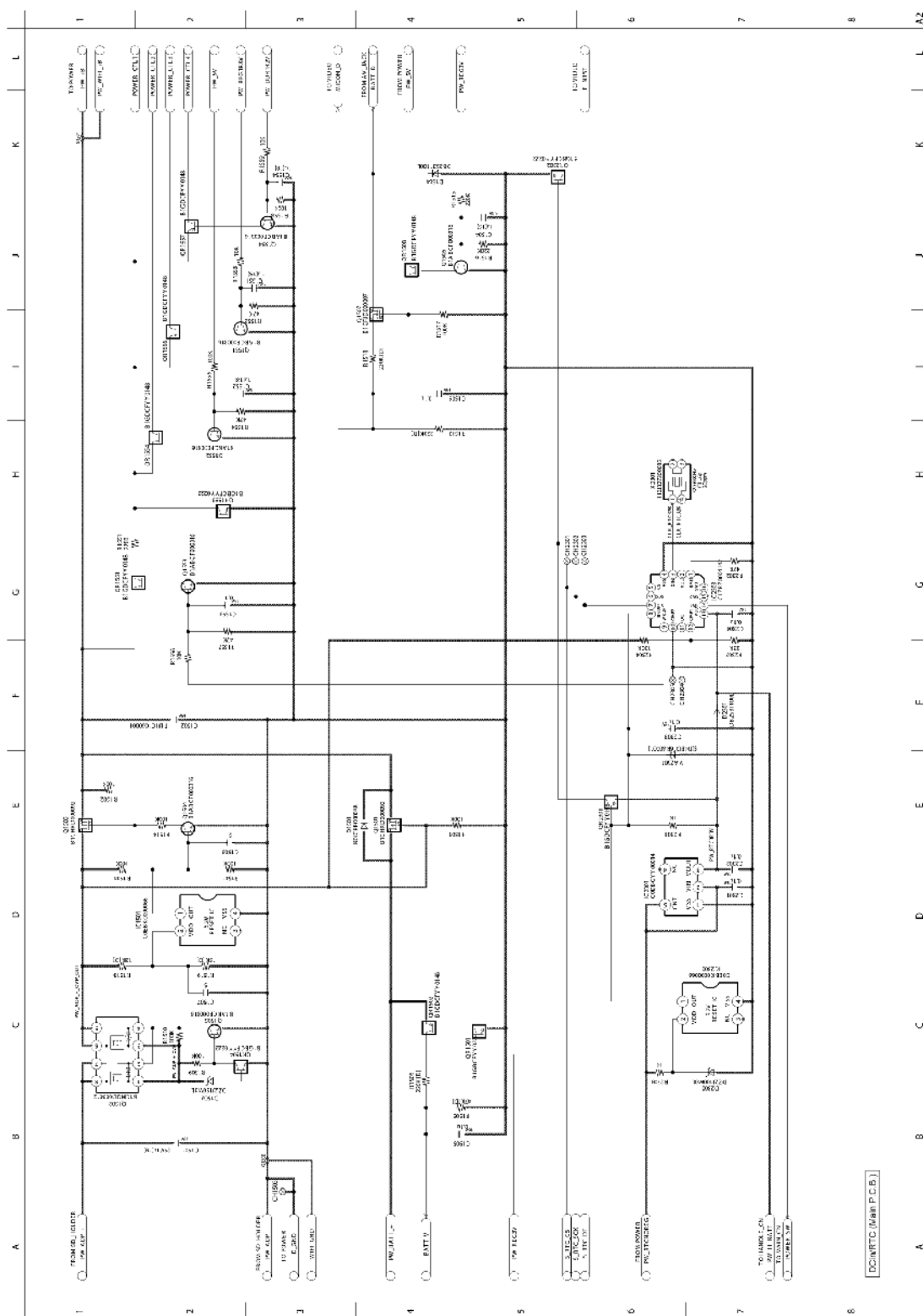
Model No. : HC-X1000PP/E/EE/GC Audio ADC (Main P.C.B.)



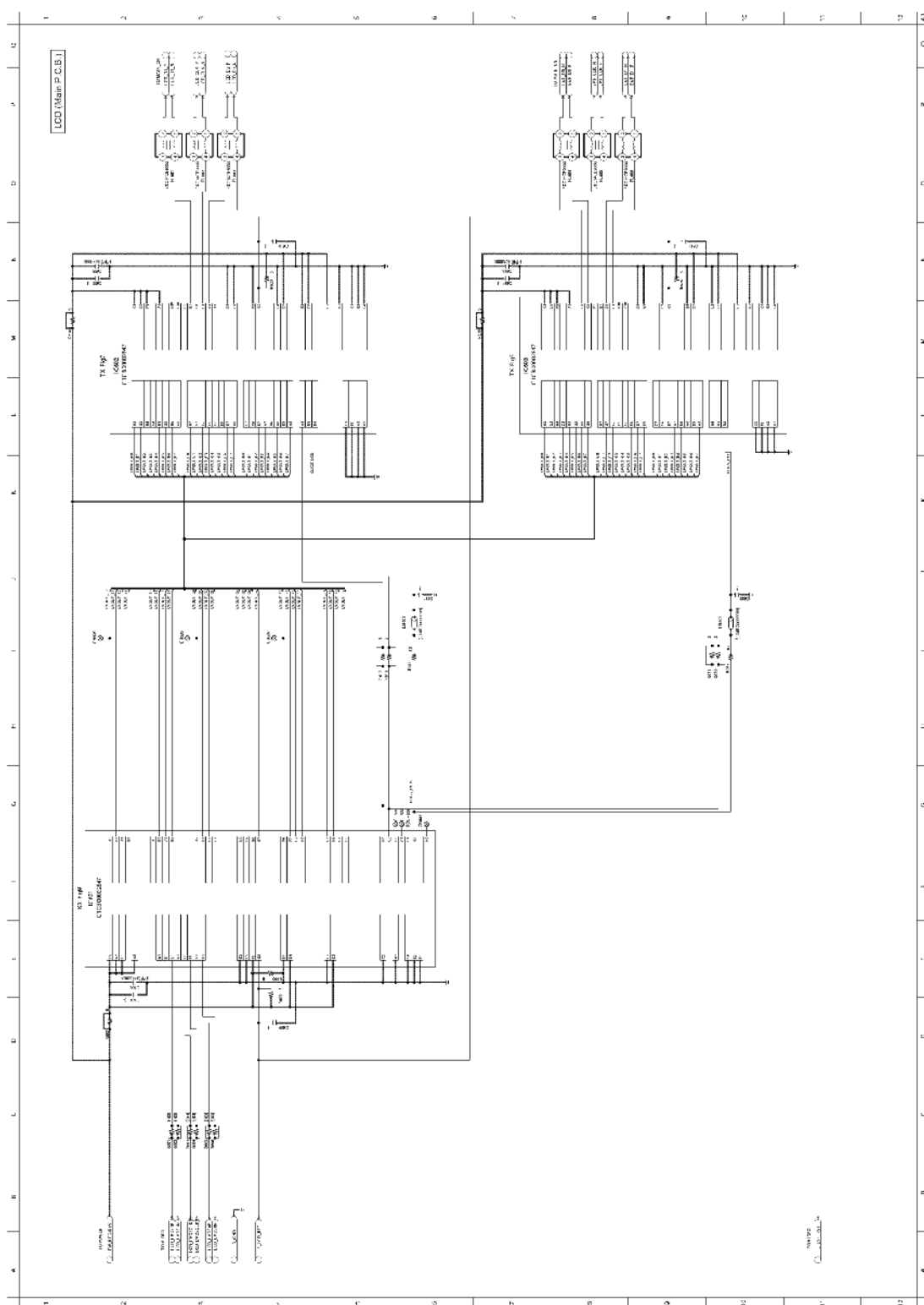
Model No. : HC-X1000PP/E/EE/GC Audio MUX (Main P.C.B.)

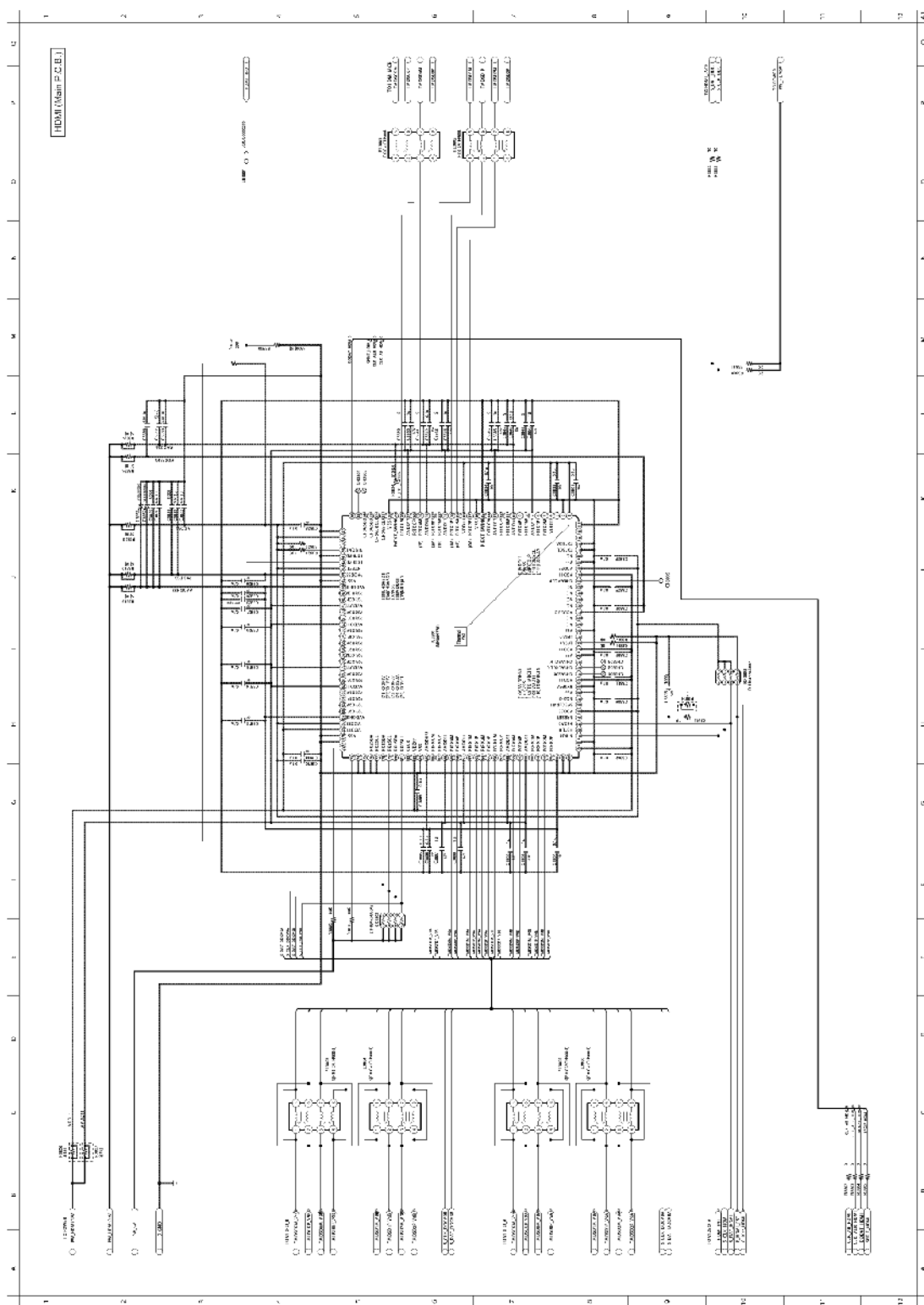


Model No. : HC-X1000PP/E/EE/GC DCin/RTC (Main P.C.B.)

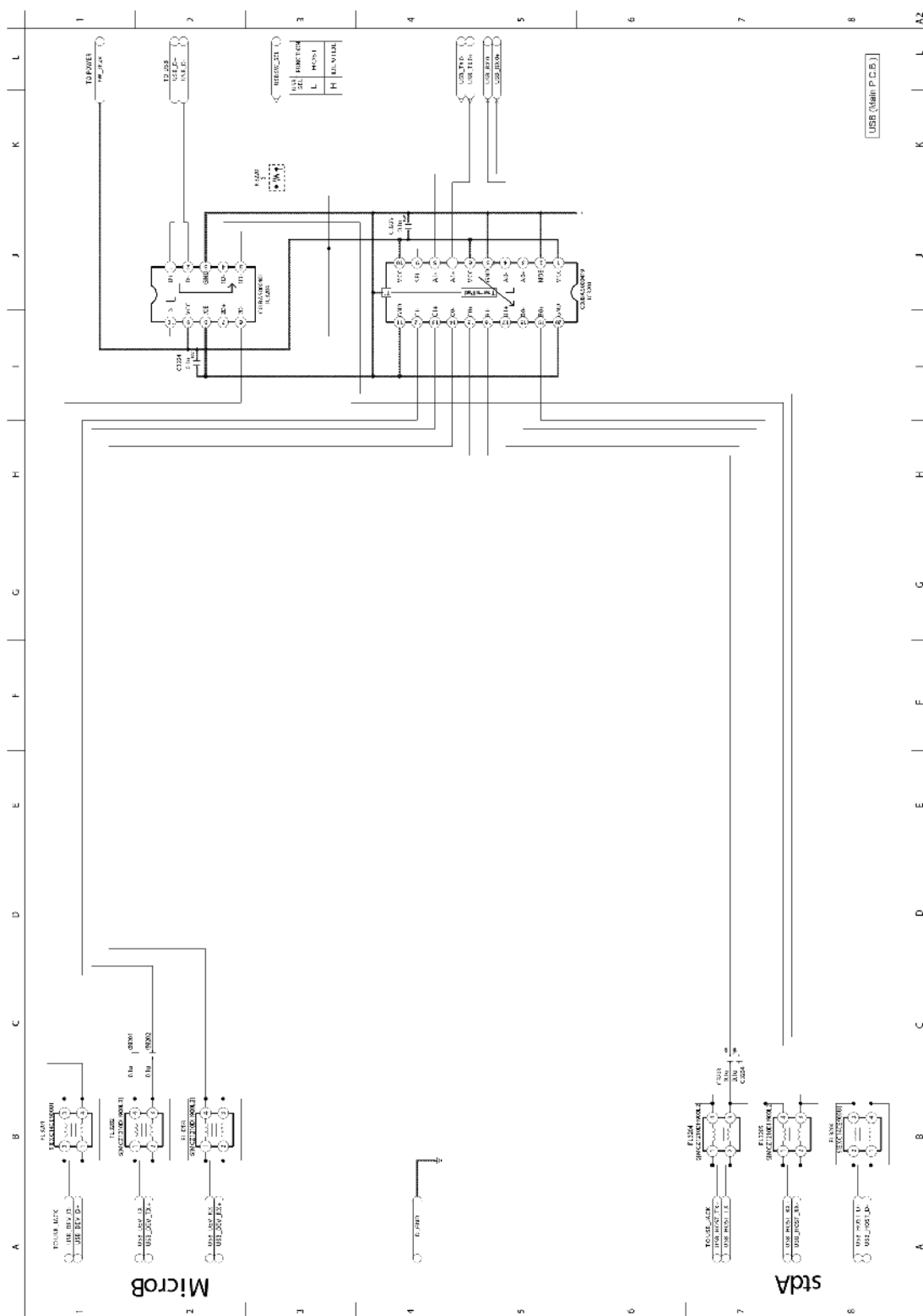


Model No. : HC-X1000PP/E/EE/GC LCD (Main P.C.B.)

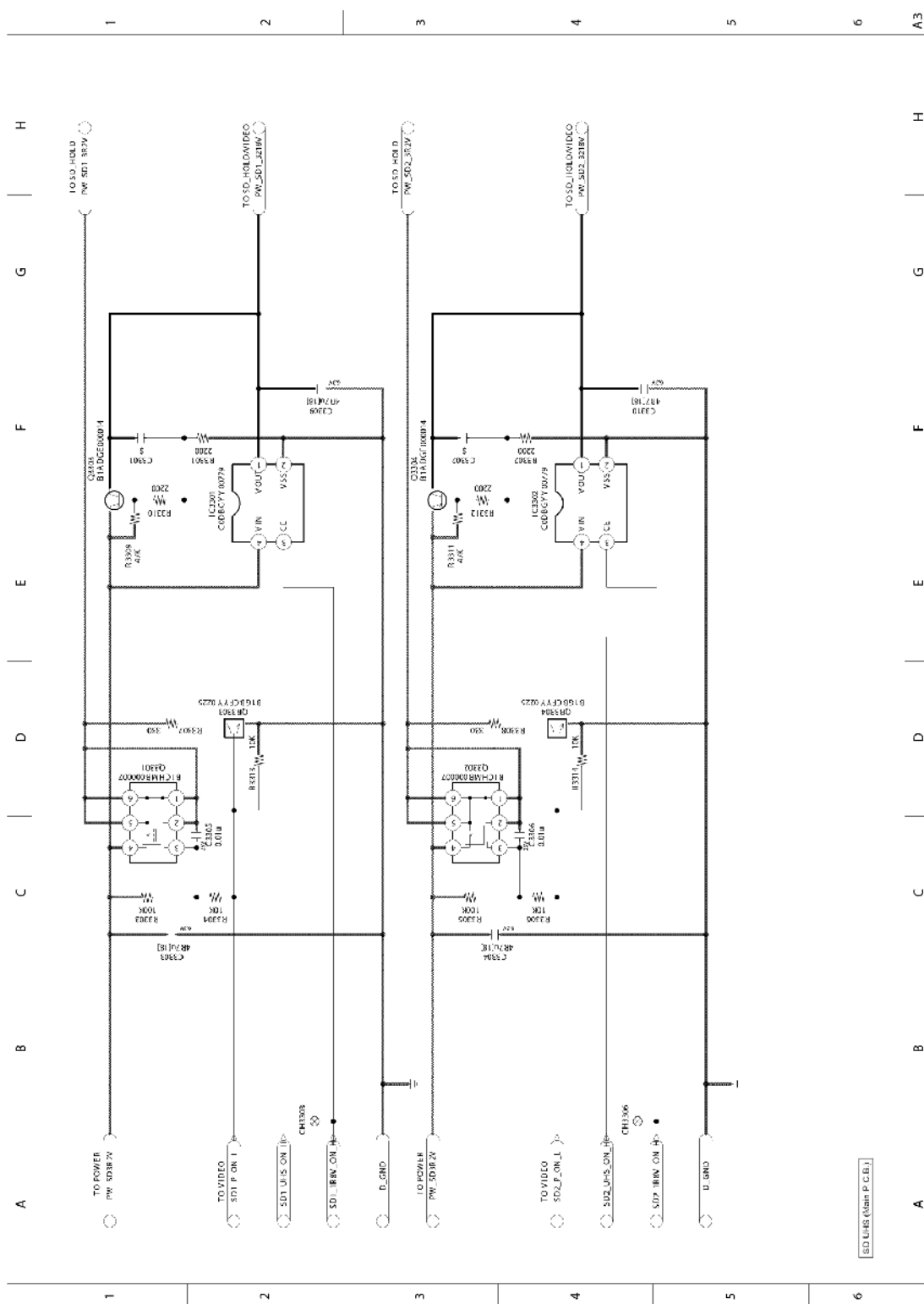


Model No. : HC-X1000PP/E/EE/GC HDMI (Main P.C.B.)

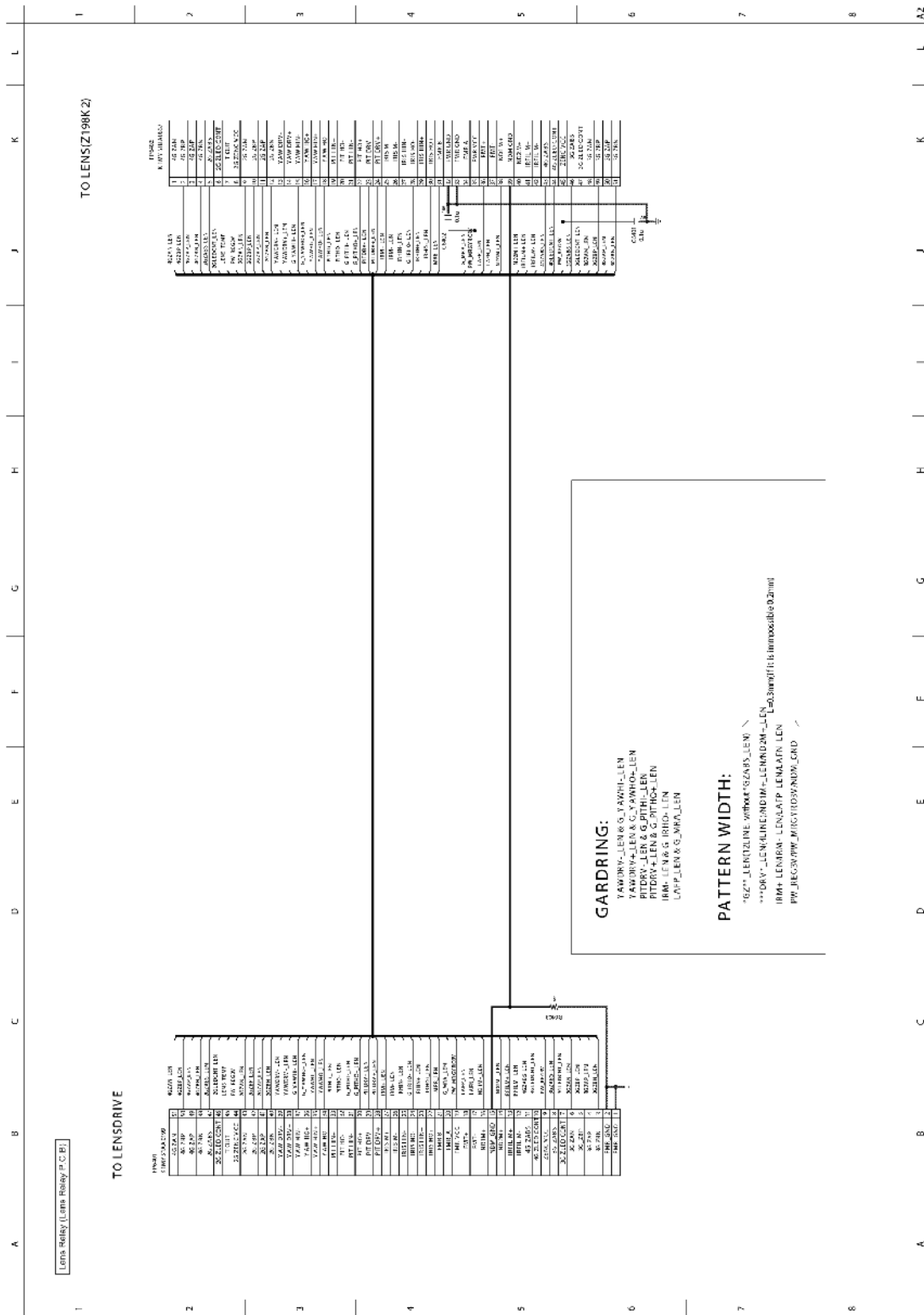
Model No. : HC-X1000PP/E/EE/GC USB (Main P.C.B.)



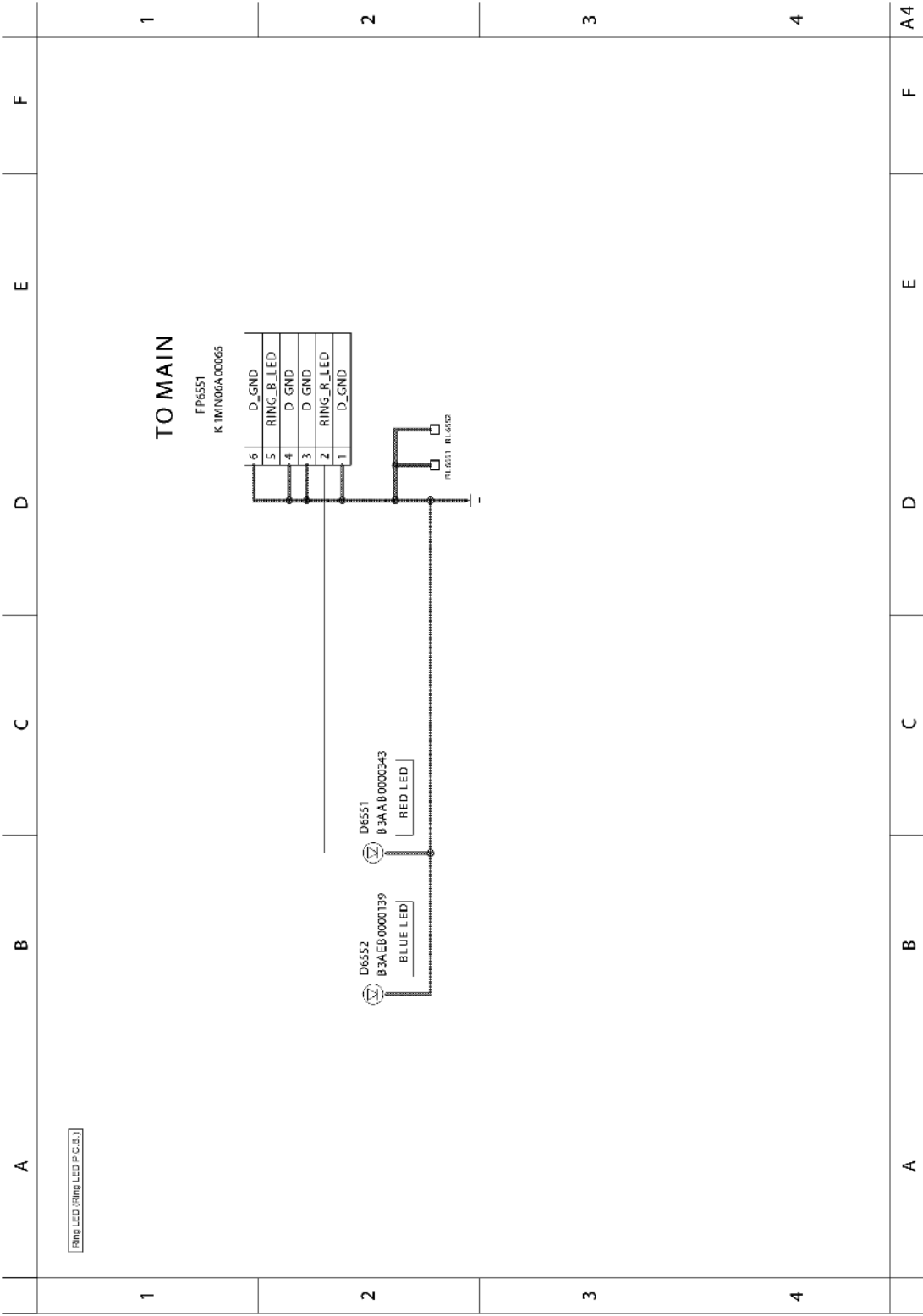
Model No. : HC-X1000PP/E/EE/GC SD UHS (Main P.C.B.)



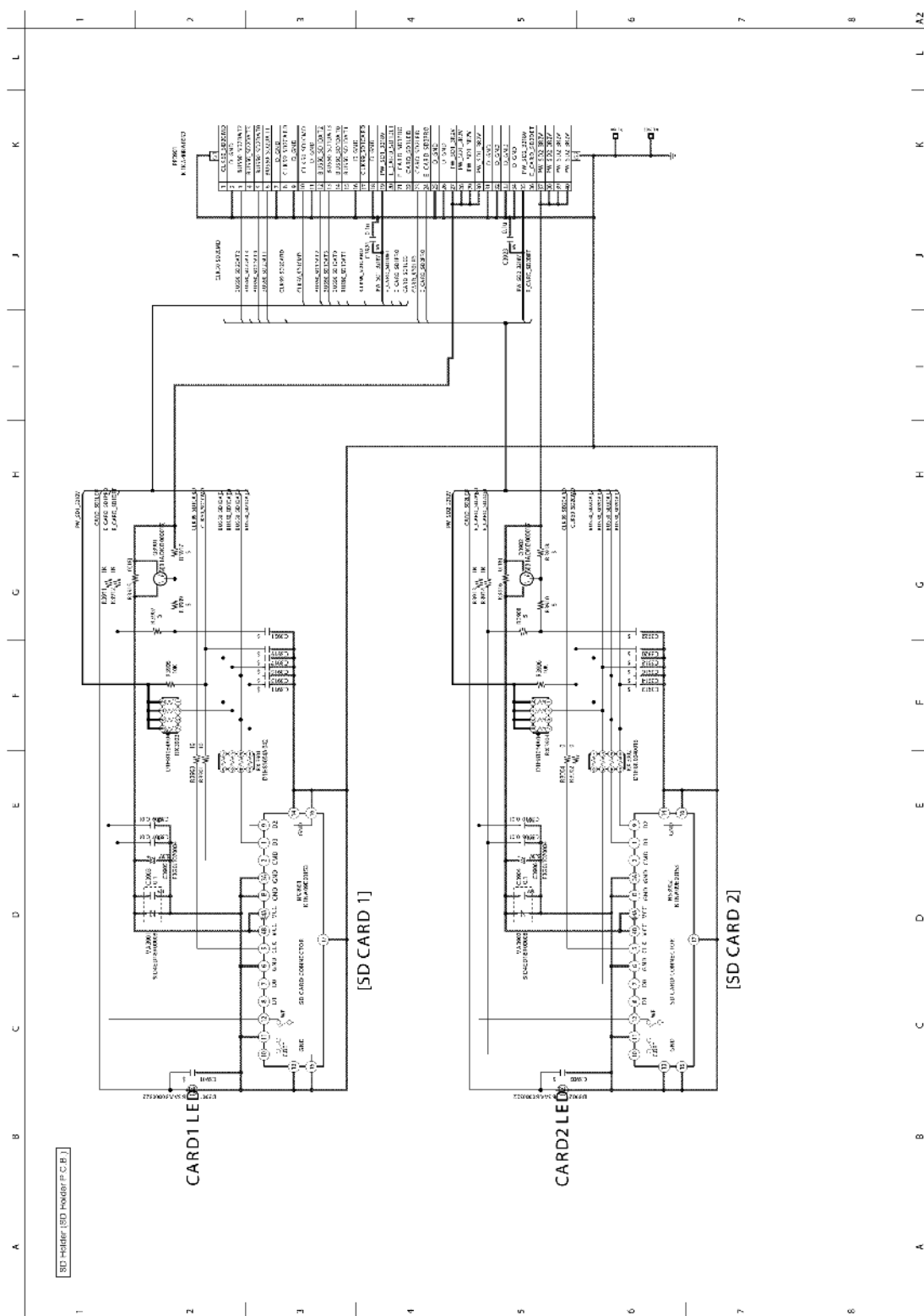
File: /\\royalfs\\Service\\Service Manual\\AV\\Camera\\4K Video Camera\\HC-X1000PPALL... 12/13/2017



Model No. : HC-X1000PP/E/EE/GC Ring LED (Ring LED P.C.B.)

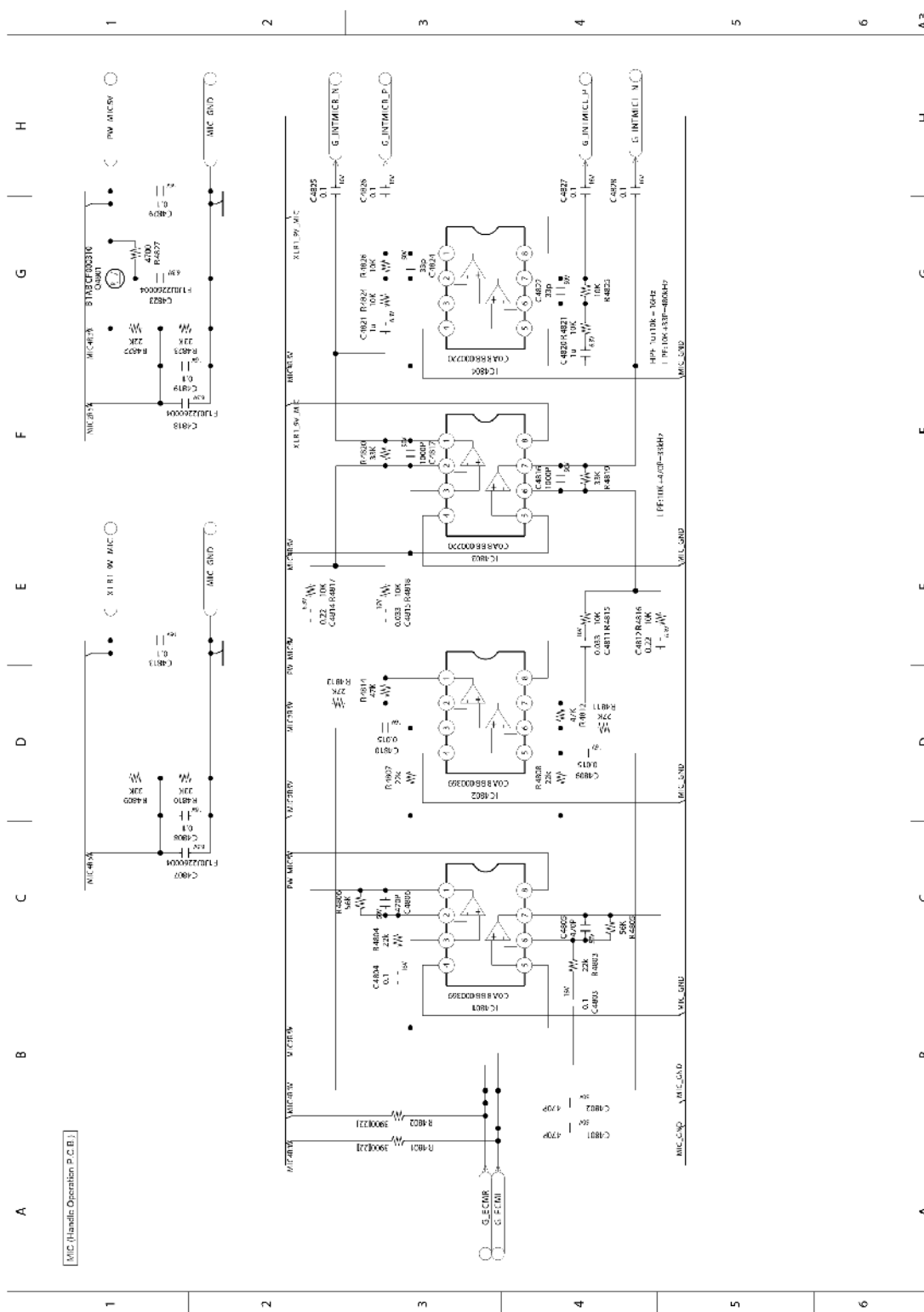


Model No. : HC-X1000PP/E/EE/GC SD Holder (SD Holder P.C.B.)



[illegible]

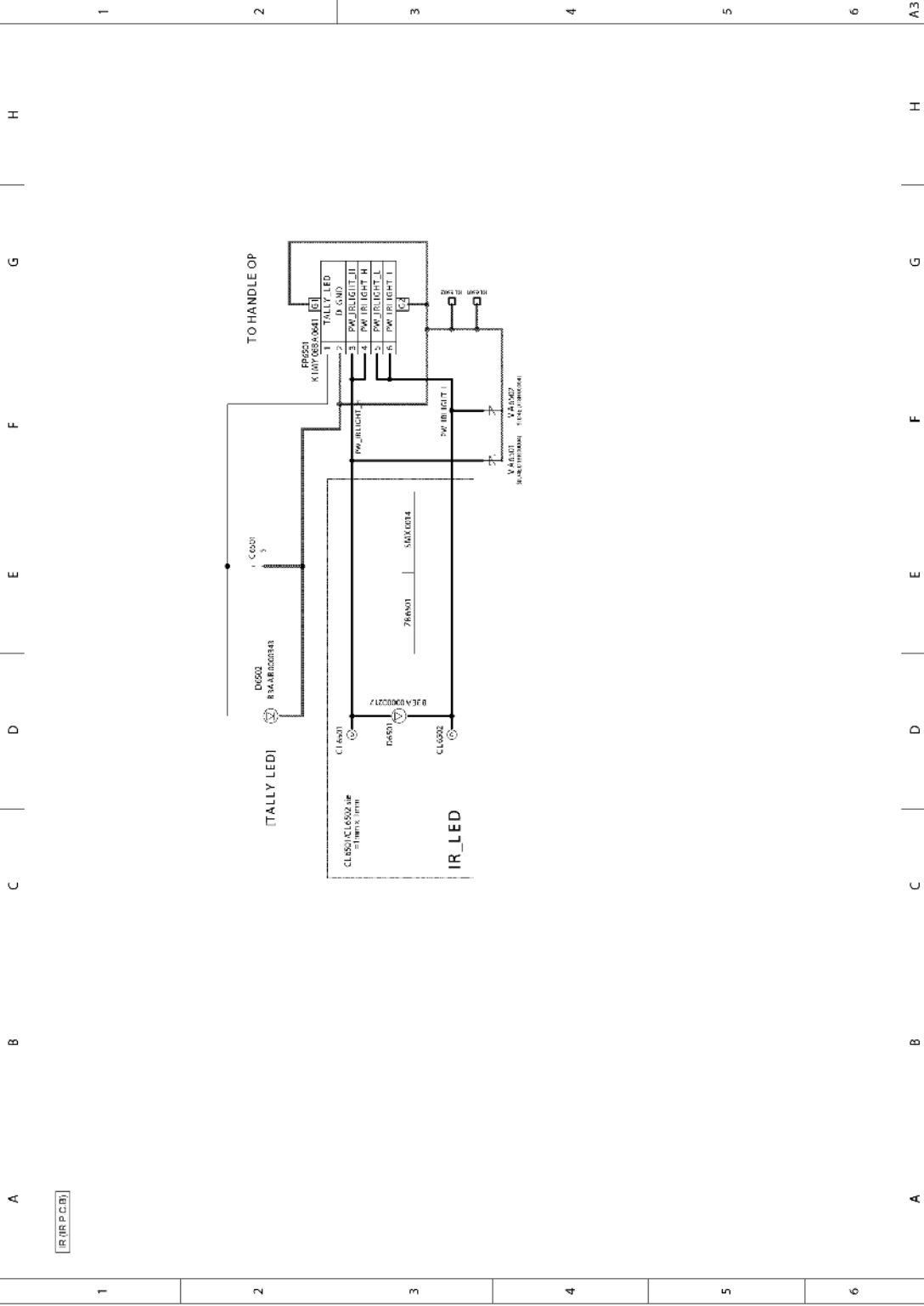
Model No. : HC-X1000PP/E/EE/GC MIC (Handle Operation P.C.B.)



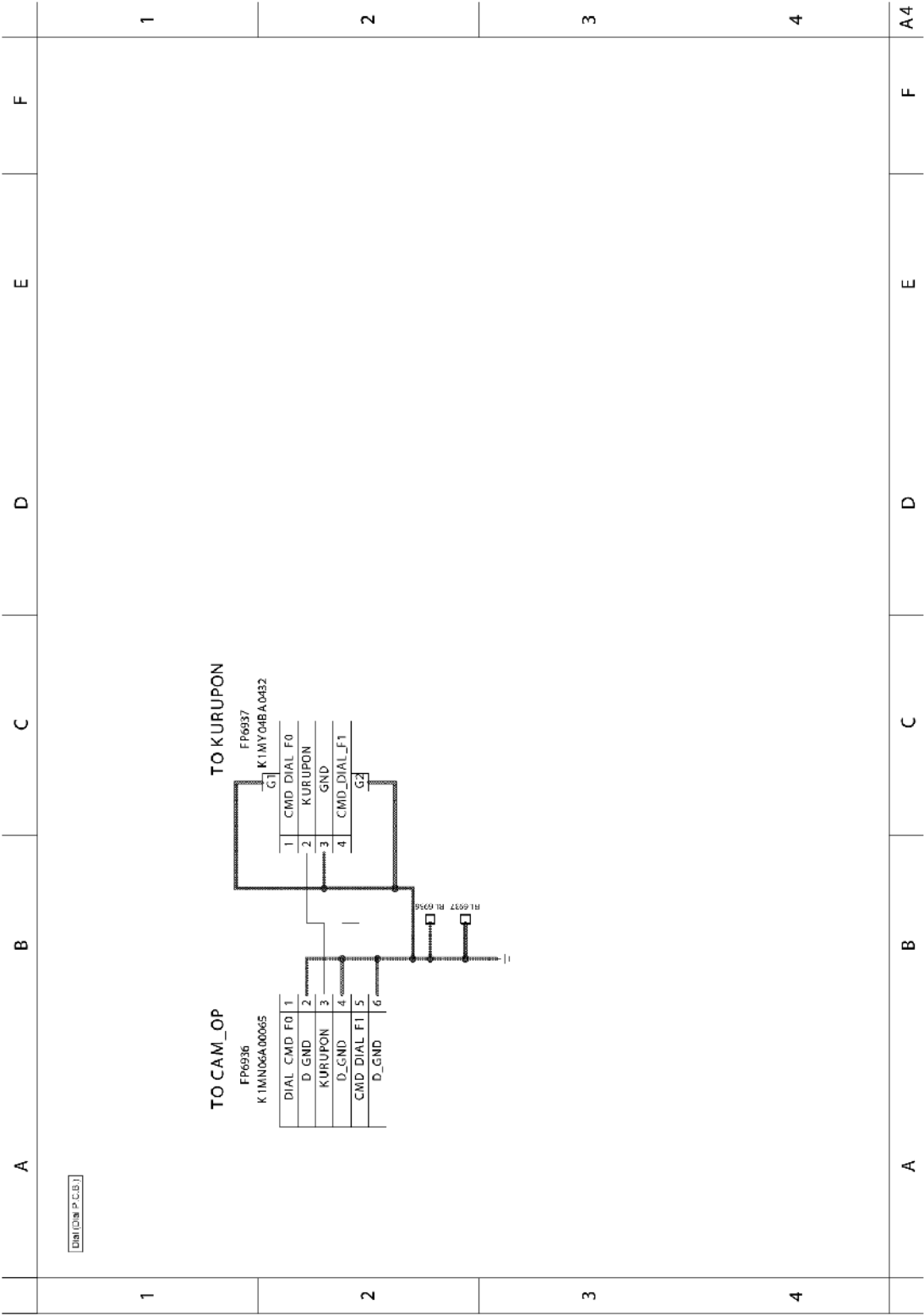
XLR Front 1 Handle Operation P.C.B.i



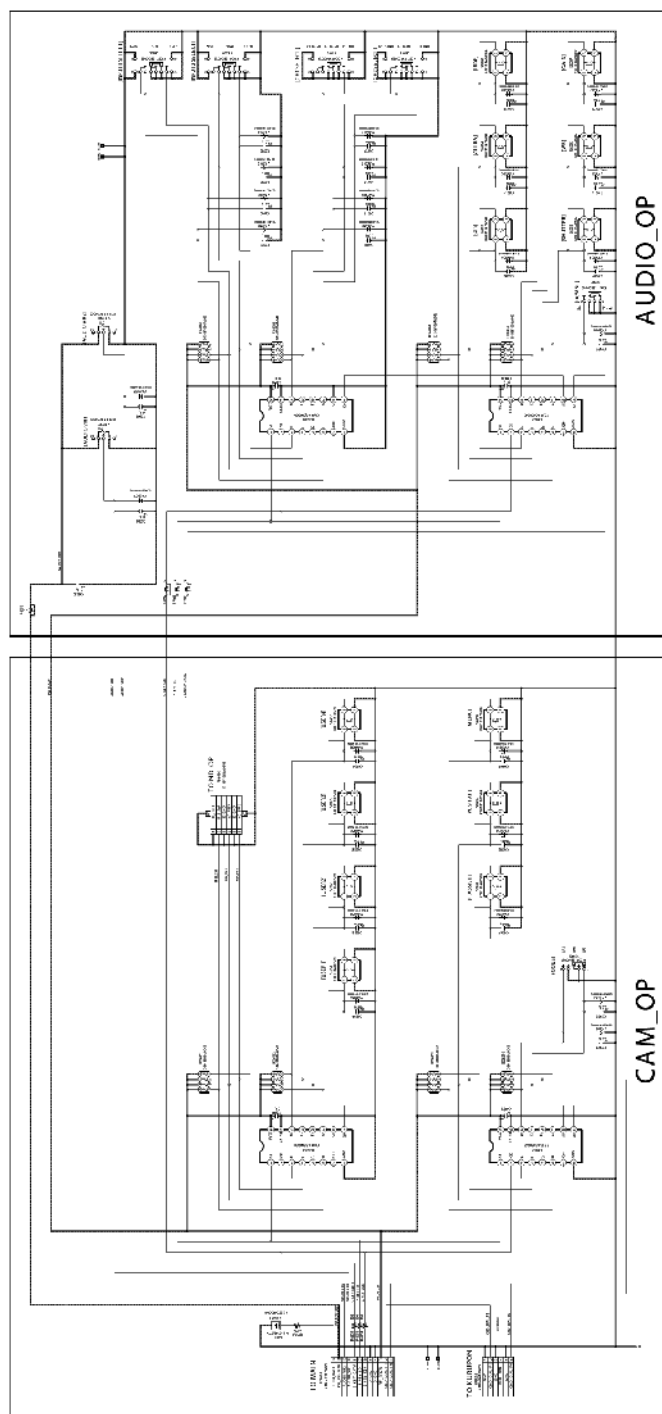
Model No. : HC-X1000PP/E/EE/GC IR (IR P.C.B)



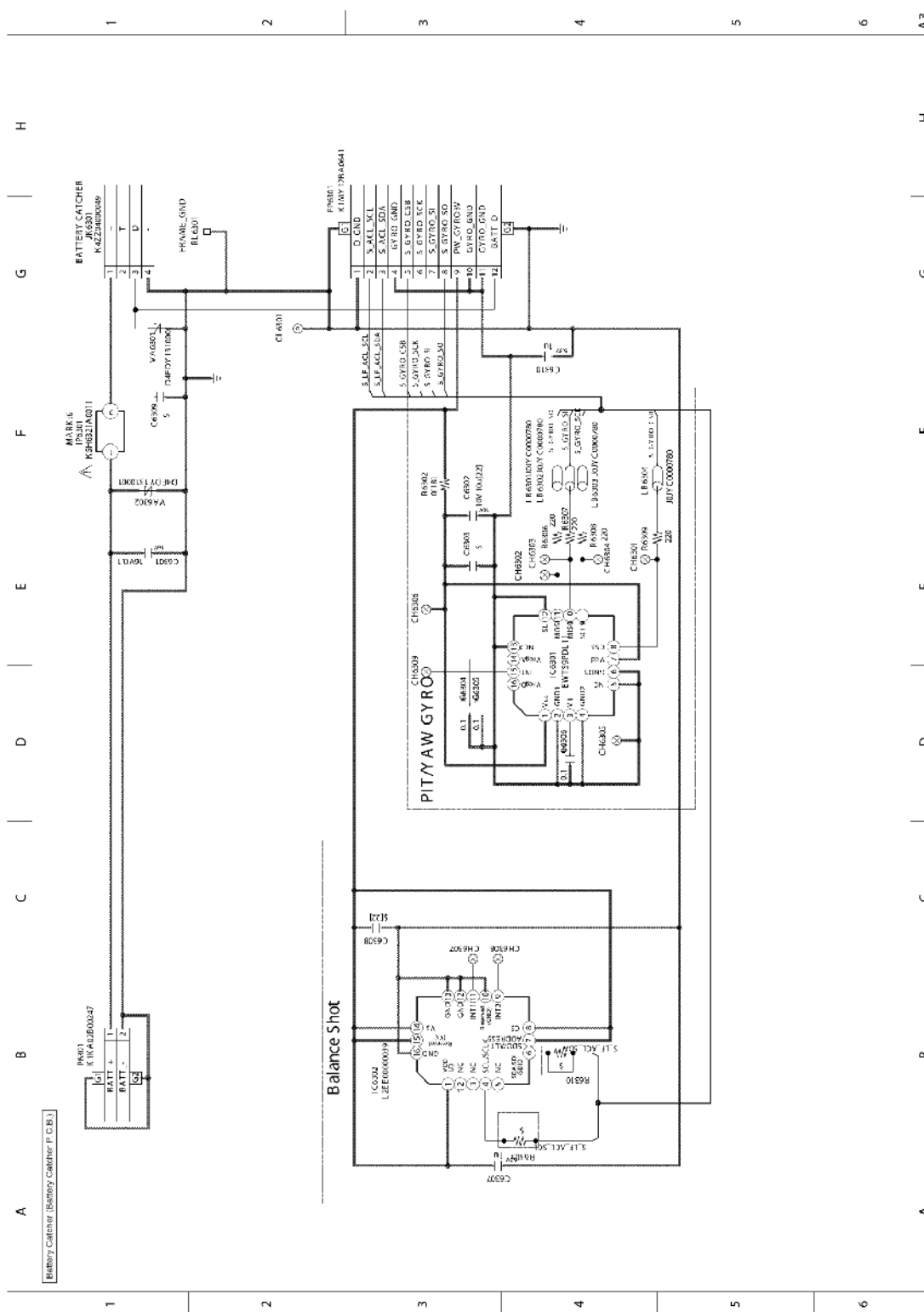
Model No. : HC-X1000PP/E/EE/GC Dial (Dial P.C.B.)



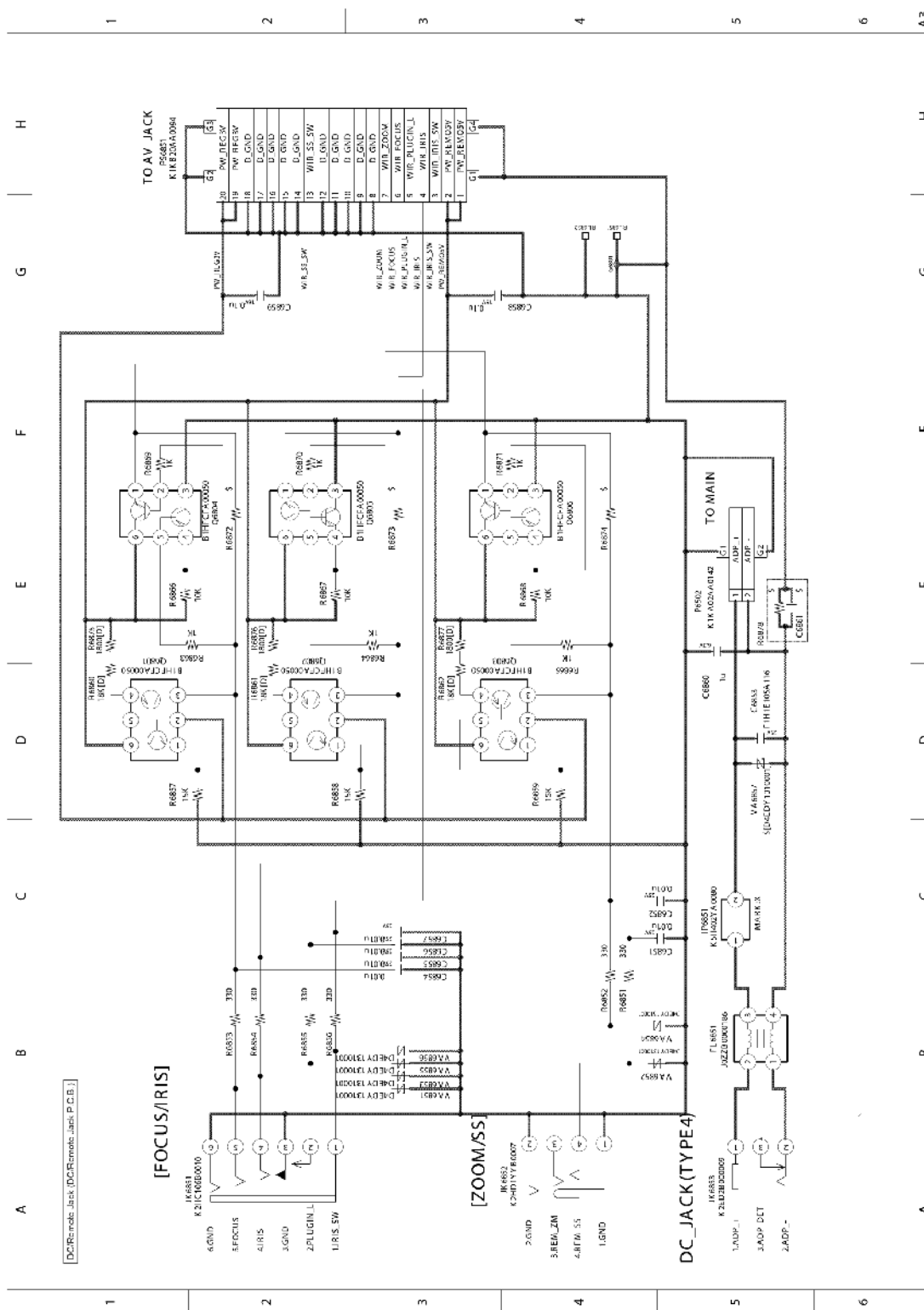
Side-R Operation (Side R Operation P.C.B.)



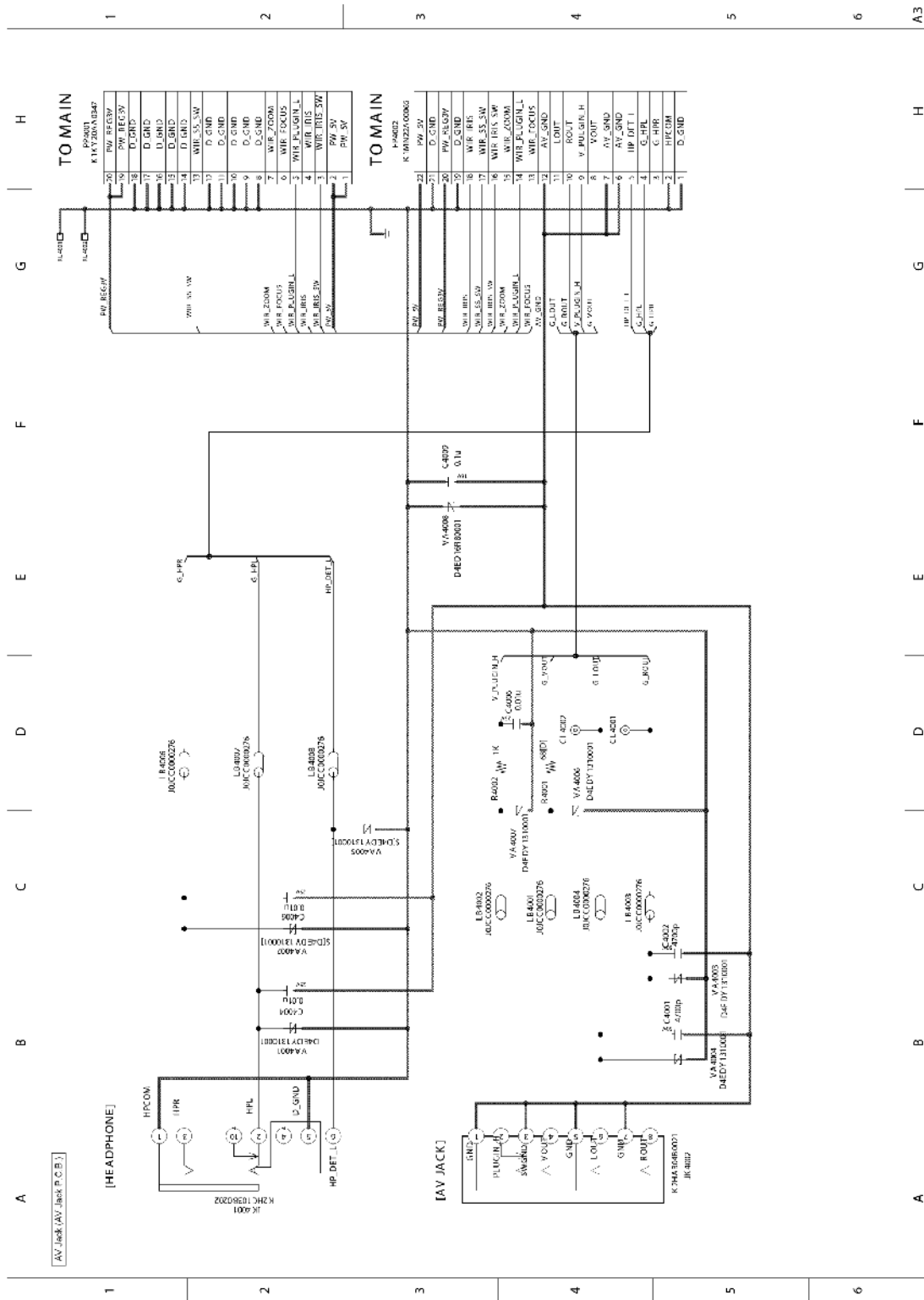
Model No. : HC-X1000PP/E/EE/GC Battery Catcher (Battery Catcher P.C.B.)



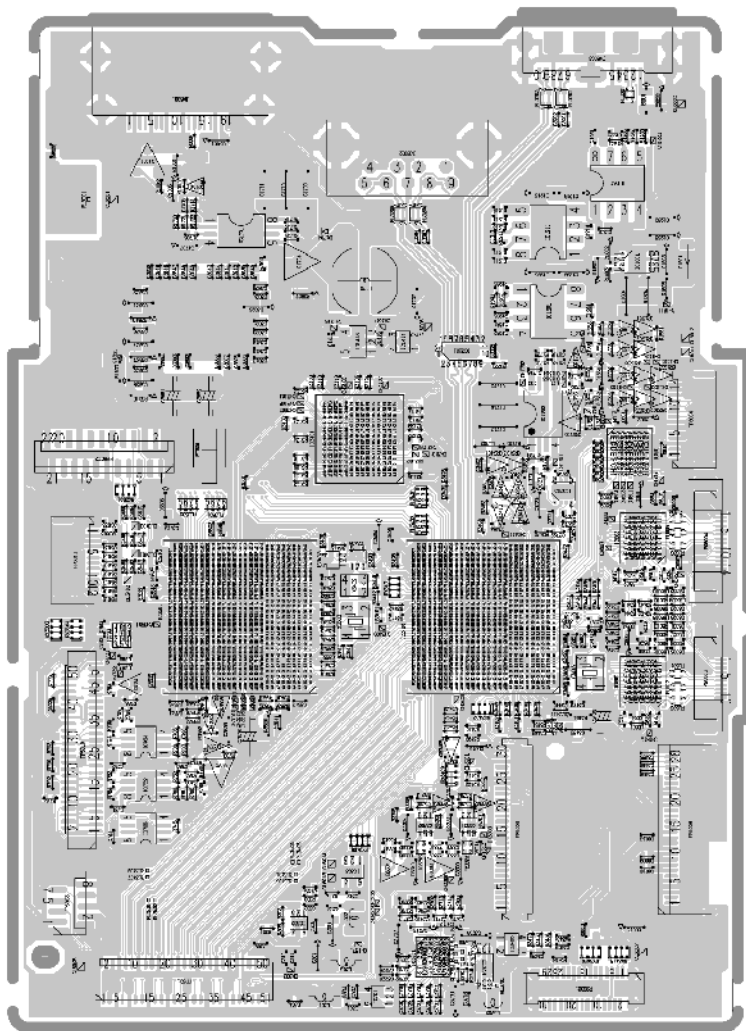
Model No. : HC-X1000PP/E/EE/GC DC/Remote Jack (DC/Remote Jack P.C.B.)



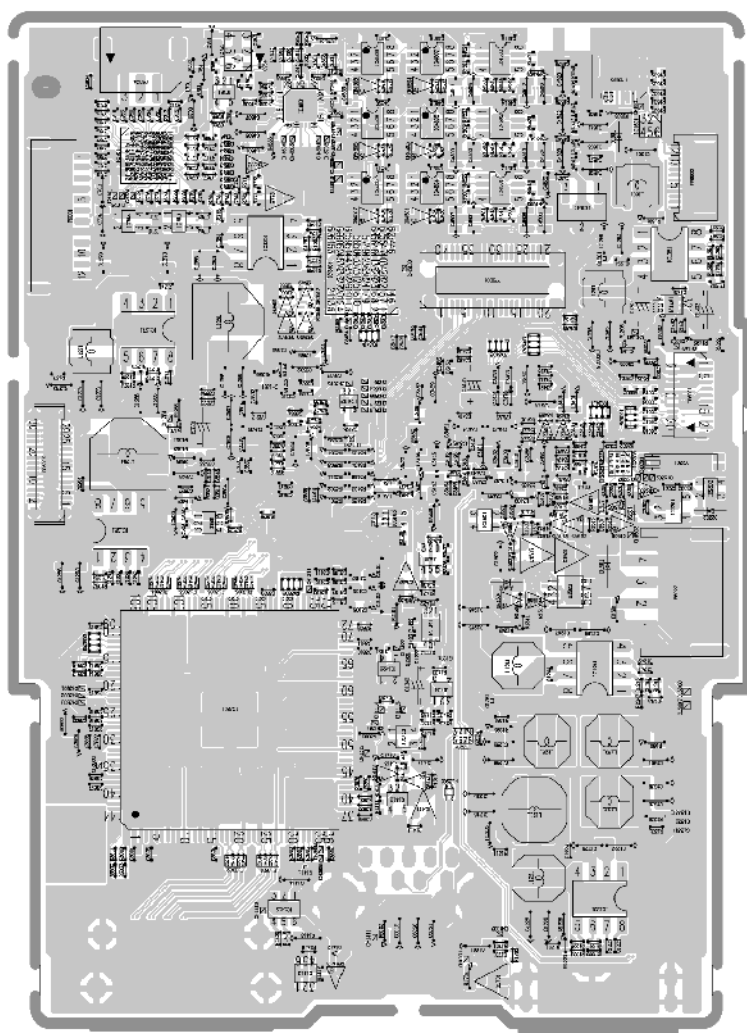
Model No. : HC-X1000PP/E/EE/GC AV Jack (AV Jack P.C.B.)



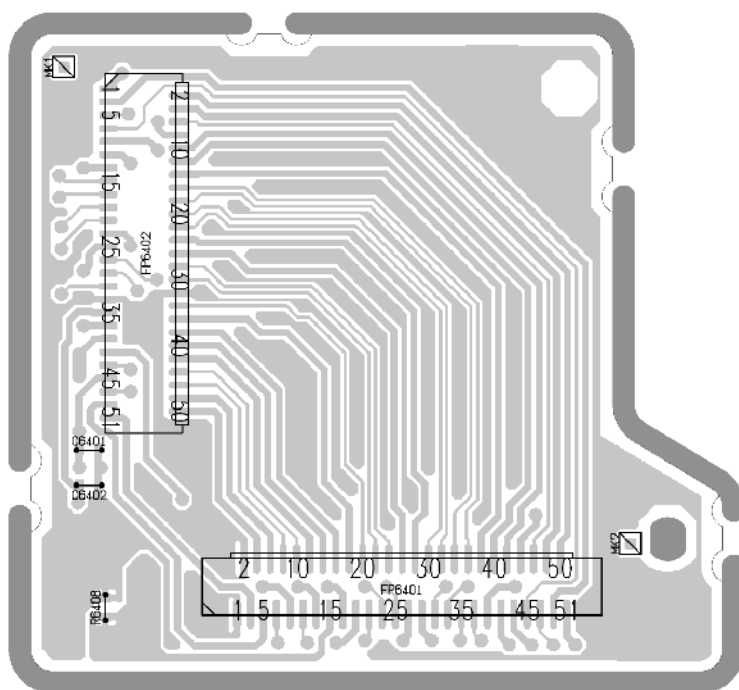
Model No. : HC-X1000PP/E/EE/GC Main P.C.B.(Component Side)



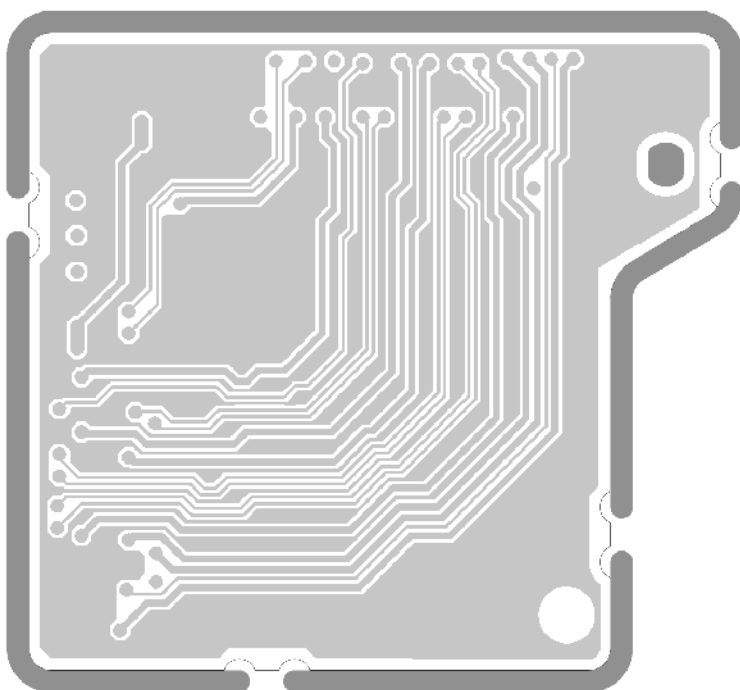
Model No. : HC-X1000PP/E/EE/GC Main P.C.B.(Foil Side)



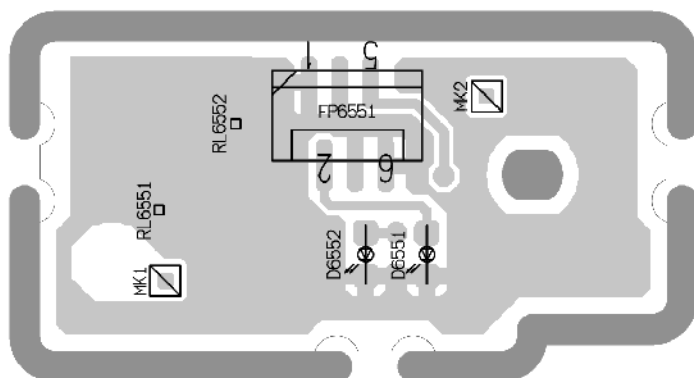
Model No. : HC-X1000PP/E/EE/GC Lens Relay P.C.B.(Component Side)



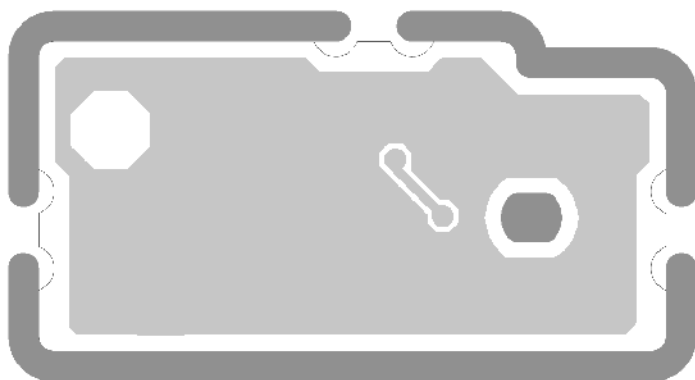
Model No. : HC-X1000PP/E/EE/GC Lens Relay P.C.B.(Foil Side)



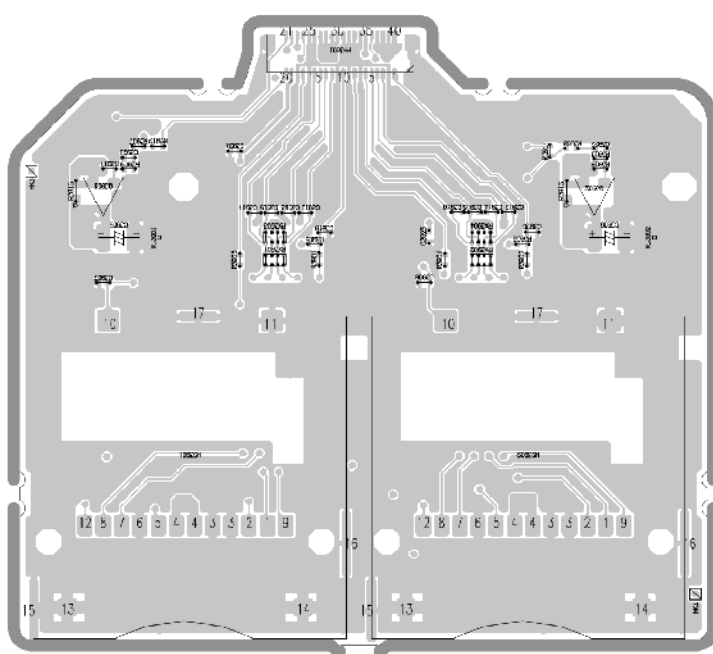
Model No. : HC-X1000PP/E/EE/GC Ring LED P.C.B.(Component Side)



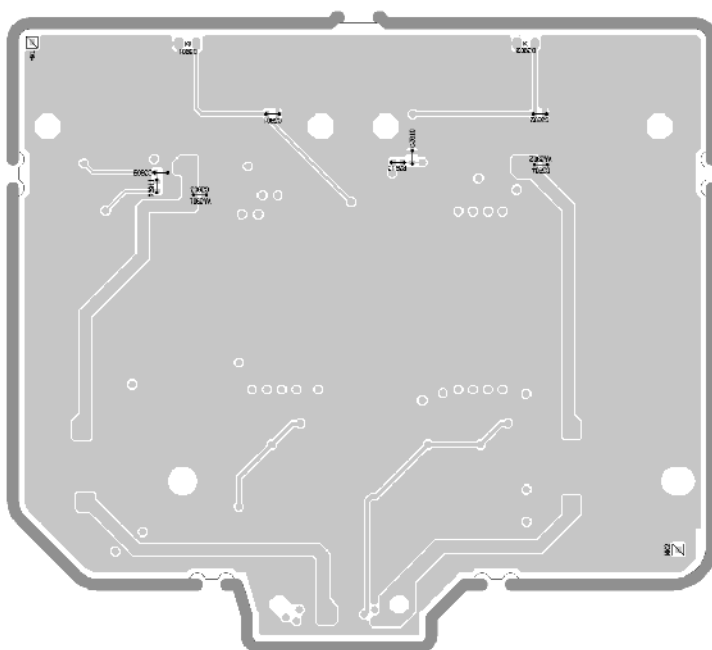
Model No. : HC-X1000PP/E/EE/GC Ring LED P.C.B.(Foil Side)



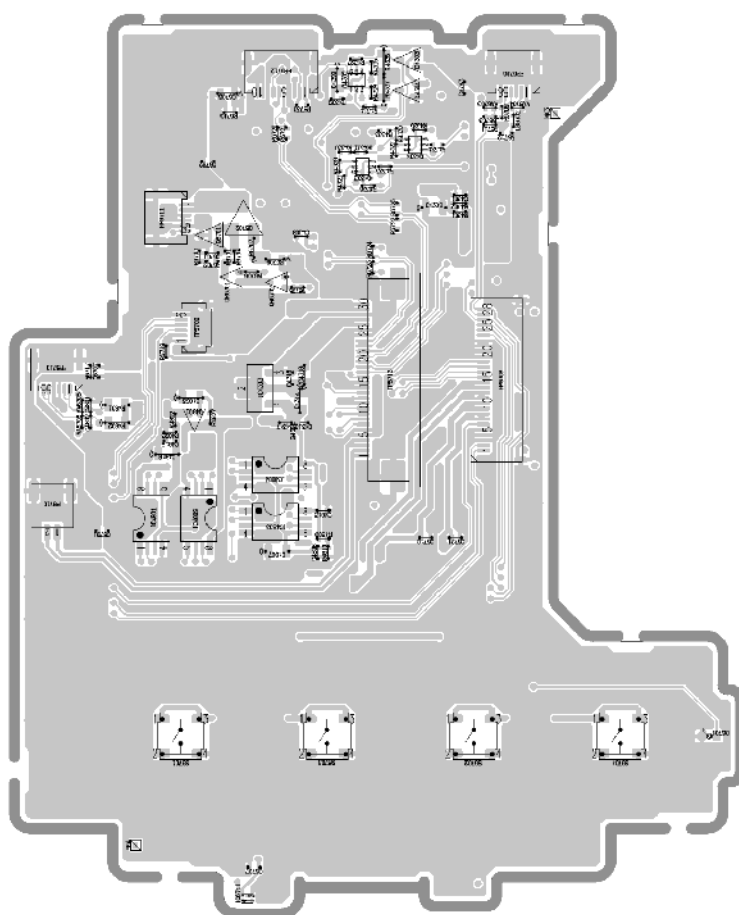
Model No. : HC-X1000PP/E/EE/GC SD Holder P.C.B.(Component Side)



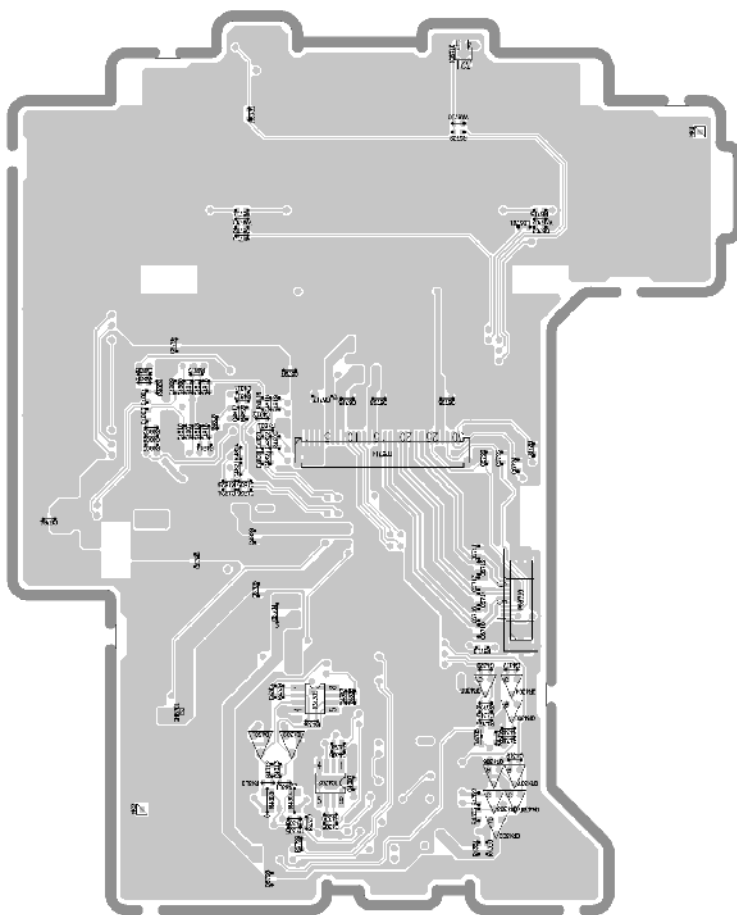
Model No. : HC-X1000PP/E/EE/GC SD Holder P.C.B.(Foil Side)



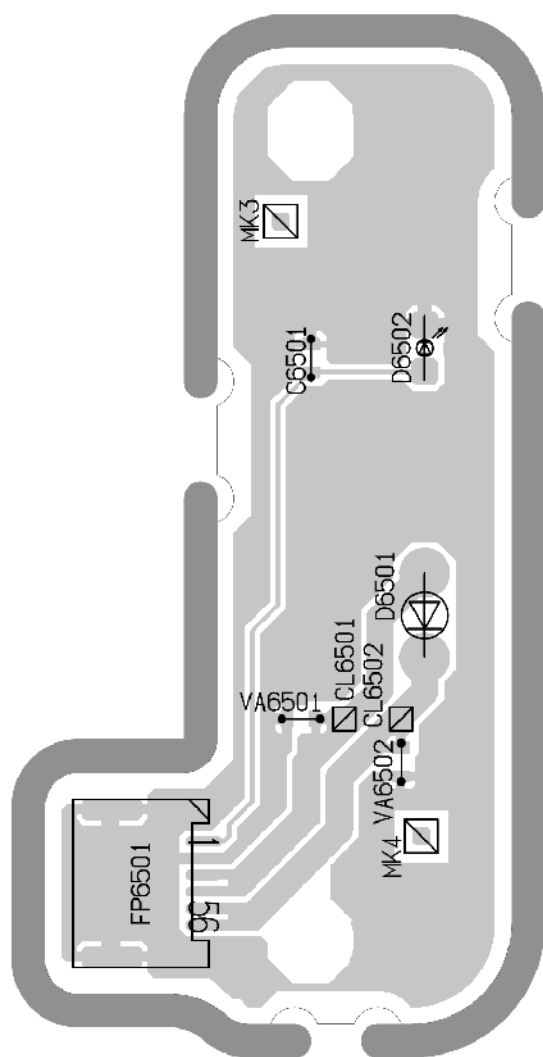
Model No. : HC-X1000PP/E/EE/GC Handle Operation P.C.B.(Component Side)



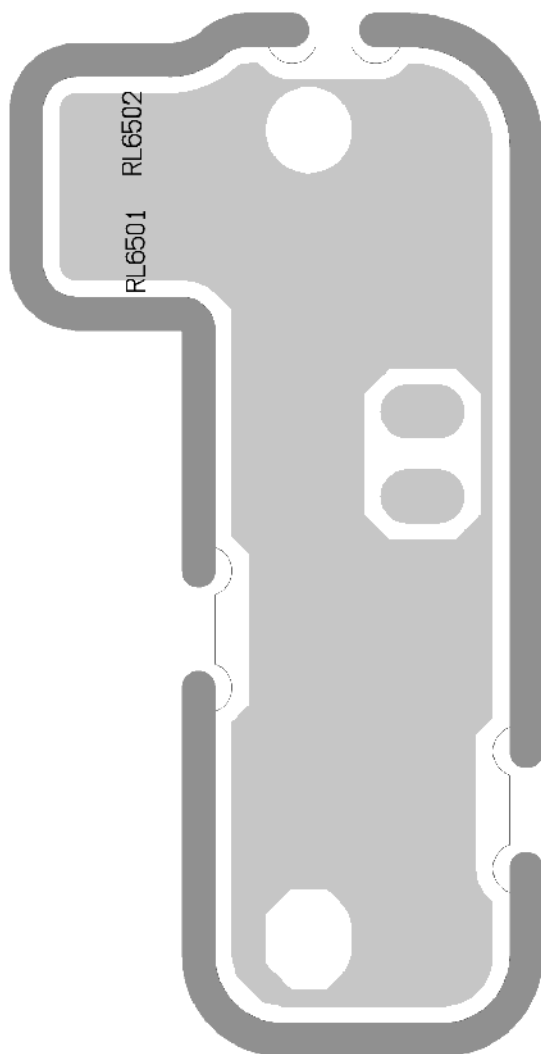
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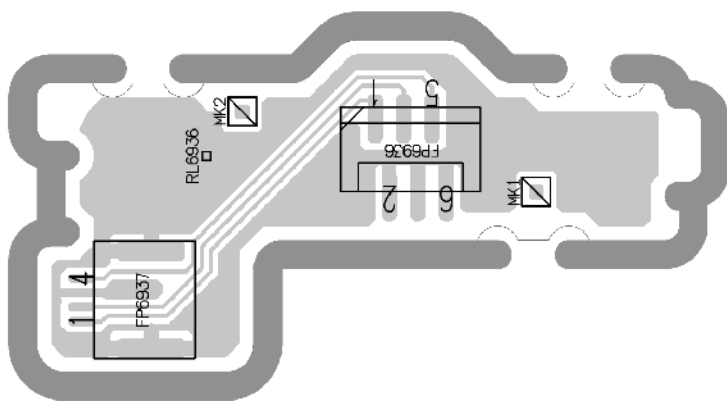
Model No. : HC-X1000PP/E/EE/GC IR P.C.B.(Component Side)



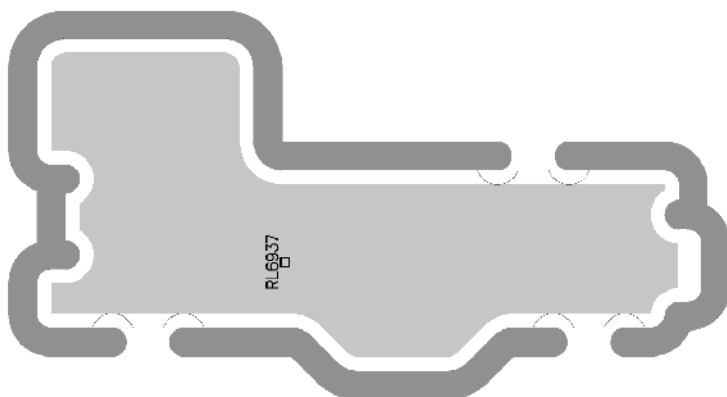
Model No. : HC-X1000PP/E/EE/GC IR P.C.B.(Foil Side)



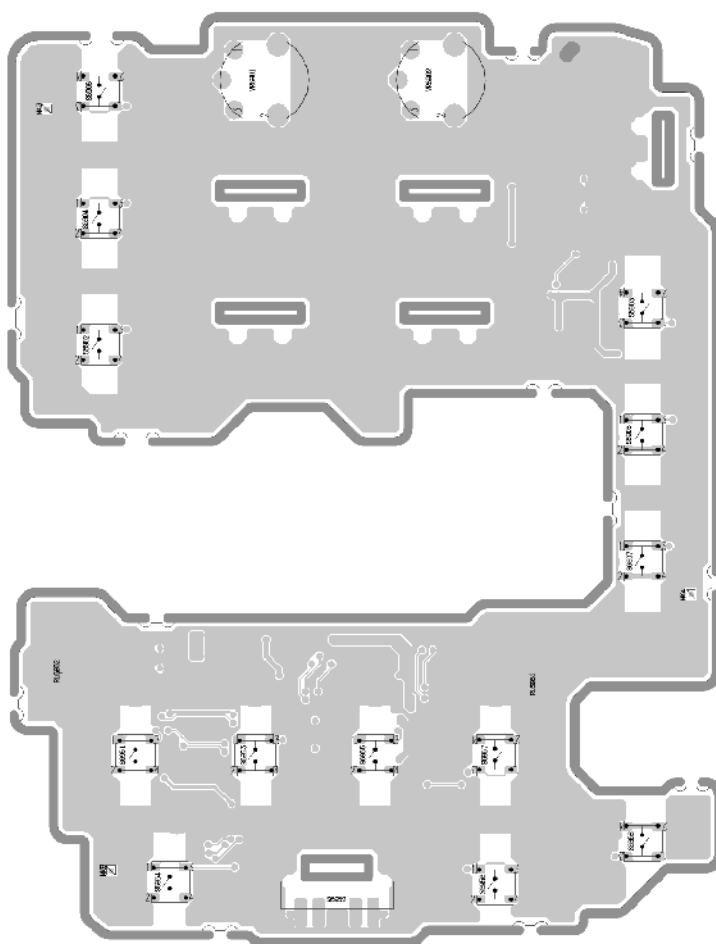
Model No. : HC-X1000PP/E/EE/GC Dial P.C.B.(Component Side)



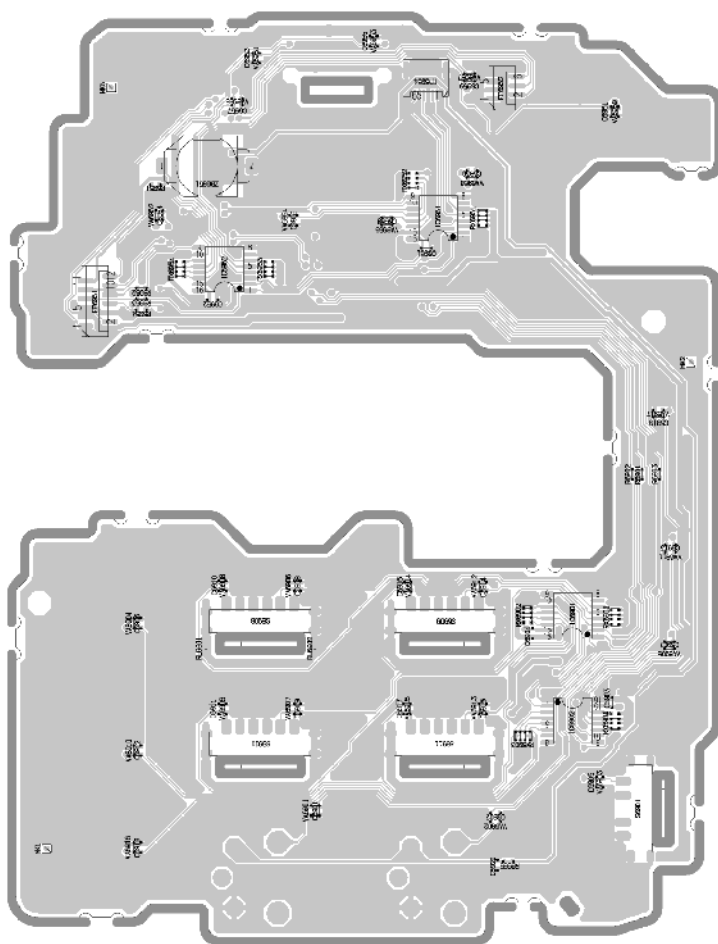
Model No. : HC-X1000PP/E/EE/GC Dial P.C.B.(Foil Side)



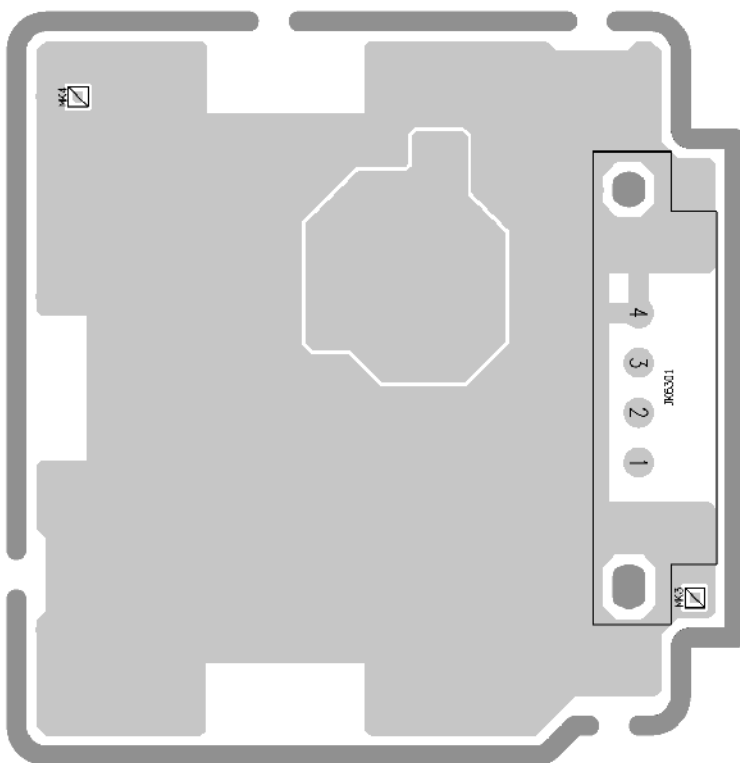
Model No. : HC-X1000PP/E/EE/GC Side R Operation P.C.B.(Component Side)



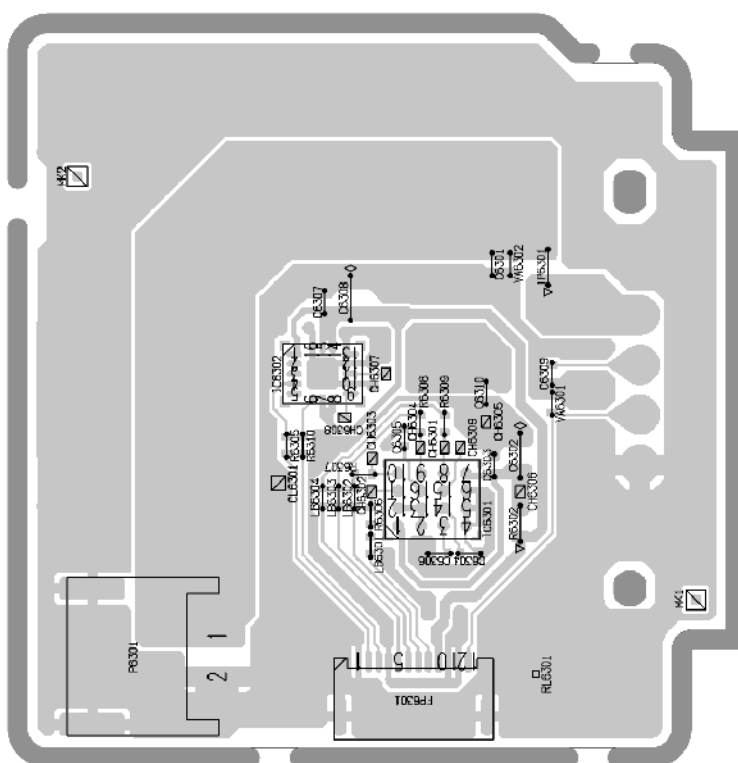
Model No. : HC-X1000PP/E/EE/GC Side R Operation P.C.B.(Foil Side)



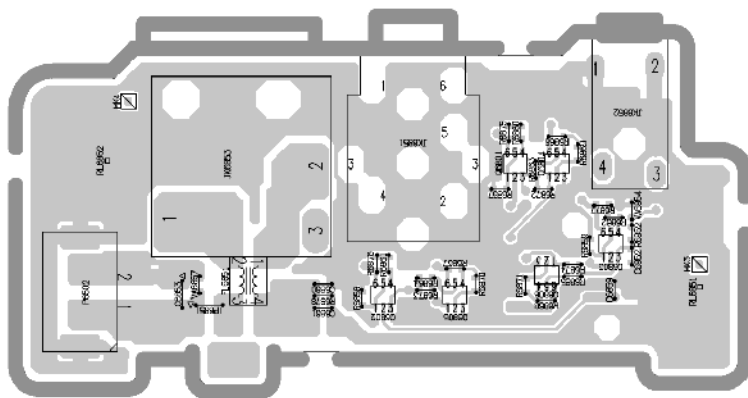
Model No. : HC-X1000PP/E/EE/GC Battery Catcher P.C.B.(Component Side)



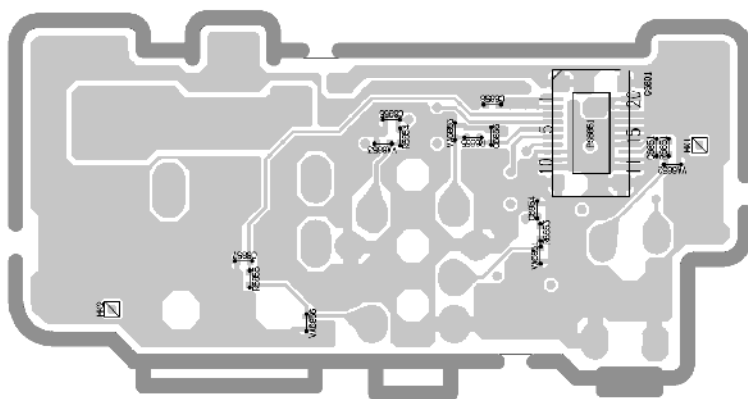
Model No. : HC-X1000PP/E/EE/GC Battery Catcher P.C.B.(Foil Side)



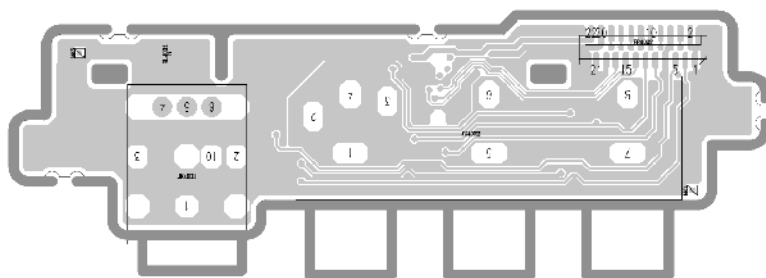
Model No. : HC-X1000PP/E/EE/GC DC/Remote Jack P.C.B.(Component Side)



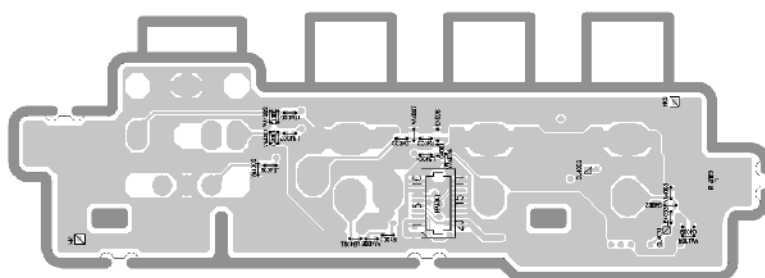
Model No. : HC-X1000PP/E/EE/GC DC/Remote Jack P.C.B.(Foil Side)



Model No. : HC-X1000PP/E/EE/GC AV Jack P.C.B.(Component Side)



Model No. : HC-X1000PP/E/EE/GC AV Jack P.C.B.(Foil Side)



Model No. : HC-X1000PP/E/EE/GC Parts List

Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		B6951	ML-614S/ZTK	BUTTON BATTERY	1	
		C303	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C304	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C305	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C306	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	
		C307	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	
		C309	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C310	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C311	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C602	F1H0J4750004	C.CAPACITOR CH 6.3V 4.7U	1	
		C655	F1H0J4750004	C.CAPACITOR CH 6.3V 4.7U	1	
		C656	F1H0J4750004	C.CAPACITOR CH 6.3V 4.7U	1	
		C703	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	
		C704	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C705	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C707	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C708	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	
		C709	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	
		C711	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C713	F1G1H101A834	C.CAPACITOR CH 50V 100P	1	
		C714	F1G1H101A834	C.CAPACITOR CH 50V 100P	1	
		C715	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C716	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C719	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C720	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C721	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C722	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C723	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C724	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C725	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C726	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C727	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C741	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C742	F1G1H472A830	C.CAPACITOR CH 50V 4700P	1	
		C743	F1G1H472A830	C.CAPACITOR CH 50V 4700P	1	
		C751	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	
		C753	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C754	F1G1H222A830	C.CAPACITOR CH 50V 2200P	1	
		C761	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C765	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C767	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C780	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C781	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C784	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C785	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C786	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C787	F1G1H471A830	C.CAPACITOR CH 50V 470P	1	
		C788	F1G1H471A830	C.CAPACITOR CH 50V 470P	1	
		C790	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C791	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C1005	F1H1C105A167	C.CAPACITOR CH 16V 1U	1	
		C1211	F1G1C223A146	C.CAPACITOR CH 16V 0.022U	1	
		C1212	F1G1H222A830	C.CAPACITOR CH 50V 2200P	1	
		C1213	F1J1C1060001	C.CAPACITOR CH 16V 10U	1	
		C1214	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C1215	F1J0J2260004	C.CAPACITOR CH 6.3V 22U	1	
		C1216	F1J0J2260004	C.CAPACITOR CH 6.3V 22U	1	
		C1219	F1J1C1060001	C.CAPACITOR CH 16V 10U	1	
		C1221	F1G1C223A146	C.CAPACITOR CH 16V 0.022U	1	
		C1222	F1G1H102A830	C.CAPACITOR CH 50V 1000P	1	
		C1223	F1J1C1060001	C.CAPACITOR CH 16V 10U	1	

		C1224	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
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Model No. : HC-X1000PP/E/EE/GC Parts List

Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		C1225	F1J0J2260004	C.CAPACITOR CH 6.3V 22U	1	
		C1226	F1J0J2260004	C.CAPACITOR CH 6.3V 22U	1	
		C1229	F1J1C1060001	C.CAPACITOR CH 16V 10U	1	
		C1231	F1G1C223A146	C.CAPACITOR CH 16V 0.022U	1	
		C1232	F1G1H222A830	C.CAPACITOR CH 50V 2200P	1	
		C1233	F1J1C1060001	C.CAPACITOR CH 16V 10U	1	
		C1234	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C1235	F1J0J2260004	C.CAPACITOR CH 6.3V 22U	1	
		C1236	F1J0J2260004	C.CAPACITOR CH 6.3V 22U	1	
		C1239	F1J1C1060001	C.CAPACITOR CH 16V 10U	1	
		C1241	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C1242	F1G1E562A086	C.CAPACITOR CH 25V 5600P	1	
		C1243	F1J1C1060001	C.CAPACITOR CH 16V 10U	1	
		C1244	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C1245	F1J0J2260004	C.CAPACITOR CH 6.3V 22U	1	
		C1246	F1J0J2260004	C.CAPACITOR CH 6.3V 22U	1	
		C1249	F1J1C1060001	C.CAPACITOR CH 16V 10U	1	
		C1251	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C1252	F1G1E562A086	C.CAPACITOR CH 25V 5600P	1	
		C1253	F1J1C1060001	C.CAPACITOR CH 16V 10U	1	
		C1254	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C1255	F1J0J2260004	C.CAPACITOR CH 6.3V 22U	1	
		C1256	F1J0J2260004	C.CAPACITOR CH 6.3V 22U	1	
		C1258	F1J1C1060001	C.CAPACITOR CH 16V 10U	1	
		C1261	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C1262	F1G1E562A086	C.CAPACITOR CH 25V 5600P	1	
		C1263	F1J1C1060001	C.CAPACITOR CH 16V 10U	1	
		C1264	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C1265	F1J0J2260004	C.CAPACITOR CH 6.3V 22U	1	
		C1266	F1J0J2260004	C.CAPACITOR CH 6.3V 22U	1	
		C1268	F1J1C1060001	C.CAPACITOR CH 16V 10U	1	
		C1271	F1G1C223A146	C.CAPACITOR CH 16V 0.022U	1	
		C1272	F1G1H472A830	C.CAPACITOR CH 50V 4700P	1	
		C1273	F1J1C1060001	C.CAPACITOR CH 16V 10U	1	
		C1274	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C1275	F1J0J2260004	C.CAPACITOR CH 6.3V 22U	1	
		C1276	F1J0J2260004	C.CAPACITOR CH 6.3V 22U	1	
		C1279	F1J1C1060001	C.CAPACITOR CH 16V 10U	1	
		C1281	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C1282	F1G1E562A086	C.CAPACITOR CH 25V 5600P	1	
		C1283	F1J1C1060001	C.CAPACITOR CH 16V 10U	1	
		C1284	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C1285	F1J0J2260004	C.CAPACITOR CH 6.3V 22U	1	
		C1286	F1J0J2260004	C.CAPACITOR CH 6.3V 22U	1	
		C1288	F1J1C1060001	C.CAPACITOR CH 16V 10U	1	
		C1291	F1G1C223A146	C.CAPACITOR CH 16V 0.022U	1	
		C1292	F1G1H222A830	C.CAPACITOR CH 50V 2200P	1	
		C1293	F1J1C1060001	C.CAPACITOR CH 16V 10U	1	
		C1294	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C1295	F1J0J2260004	C.CAPACITOR CH 6.3V 22U	1	
		C1296	F1J0J2260004	C.CAPACITOR CH 6.3V 22U	1	
		C1299	F1J1C1060001	C.CAPACITOR CH 16V 10U	1	
		C1411	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C1412	F1H0J4750004	C.CAPACITOR CH 6.3V 4.7U	1	
		C1413	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	
		C1415	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C1416	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C1421	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C1422	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C1491	F1G0J4740003	C.CAPACITOR CH 6.3V 0.47U	1	
		C1492	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	

		C1493	F3G0J1070004	E.CAPACITOR CH 6.3V 100U	1	
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Model No. : HC-X1000PP/E/EE/GC Parts List

Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		C1501	F1H1E105A116	C.CAPACITOR CH 25V 1U	1	
		C1502	F1J1C1060001	C.CAPACITOR CH 16V 10U	1	
		C1504	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C1505	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C1506	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C1551	F1H1C105A167	C.CAPACITOR CH 16V 1U	1	
		C1552	F1H1C105A167	C.CAPACITOR CH 16V 1U	1	
		C1553	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C1554	F1H1C105A167	C.CAPACITOR CH 16V 1U	1	
		C1601	F1J1C475A059	C.CAPACITOR CH 16V 4.7U	1	
		C1602	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C1603	F1J1C475A059	C.CAPACITOR CH 16V 4.7U	1	
		C1701	F1G1C223A146	C.CAPACITOR CH 16V 0.022U	1	
		C1702	F1J1C1060001	C.CAPACITOR CH 16V 10U	1	
		C1705	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C1706	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C1707	F1H1C105A167	C.CAPACITOR CH 16V 1U	1	
		C1709	F1K2A105A006	C.CAPACITOR CH 100V 1U	1	
		C1710	F1K2A105A006	C.CAPACITOR CH 100V 1U	1	
		C1711	F1K2A105A006	C.CAPACITOR CH 100V 1U	1	
		C1713	F1K2A105A006	C.CAPACITOR CH 100V 1U	1	
		C1714	F1K2A105A006	C.CAPACITOR CH 100V 1U	1	
		C1715	F1K2A105A006	C.CAPACITOR CH 100V 1U	1	
		C1719	F1G0J2240003	C.CAPACITOR CH 6.3V 0.22U	1	
		C1720	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C1801	F1J1C475A059	C.CAPACITOR CH 16V 4.7U	1	
		C1802	F1H1C105A167	C.CAPACITOR CH 16V 1U	1	
		C1803	F1J1H3340002	C.CAPACITOR CH 50V 0.33U	1	
		C1804	F1K1H475A256	C.CAPACITOR CH 50V 4.7U	1	
		C2301	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C2302	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C2303	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C2304	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3102	F1H0J4750004	C.CAPACITOR CH 6.3V 4.7U	1	
		C3105	F1H0J4750004	C.CAPACITOR CH 6.3V 4.7U	1	
		C3106	F1H0J4750004	C.CAPACITOR CH 6.3V 4.7U	1	
		C3107	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3108	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3109	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3110	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3111	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3112	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3113	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3201	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3202	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3203	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3204	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3224	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3225	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3303	F1H0J4750004	C.CAPACITOR CH 6.3V 4.7U	1	
		C3304	F1H0J4750004	C.CAPACITOR CH 6.3V 4.7U	1	
		C3305	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C3306	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C3309	F1H0J4750004	C.CAPACITOR CH 6.3V 4.7U	1	
		C3310	F1H0J4750004	C.CAPACITOR CH 6.3V 4.7U	1	
		C3401	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	
		C3402	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C3403	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	
		C3404	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3405	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	
		C3406	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	

		C3407	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
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Model No. : HC-X1000PP/E/EE/GC Parts List

Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		C3408	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C3409	F1G1H102A830	C.CAPACITOR CH 50V 1000P	1	
		C3410	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3411	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3412	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3413	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	
		C3414	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3415	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	
		C3416	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3417	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3418	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3419	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3420	F3F0G4760004	E.CAPACITOR CH 4V 47U	1	
		C3421	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3422	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C3423	F1H0J4750004	C.CAPACITOR CH 6.3V 4.7U	1	
		C3424	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3425	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3426	F1G1E682A144	C.CAPACITOR CH 25V 6800P	1	
		C3427	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3428	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3429	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3430	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3431	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3432	F1H0J4750004	C.CAPACITOR CH 6.3V 4.7U	1	
		C3433	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3434	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3435	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	
		C3436	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3437	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3438	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3439	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	
		C3441	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C3442	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C3443	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C3444	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3445	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C3446	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C3447	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C3448	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C3449	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3450	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3451	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3452	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3453	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C3454	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3455	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C3456	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3457	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C3458	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C3459	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3460	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3461	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C3462	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3463	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3464	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	
		C3465	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3466	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C3467	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C3468	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C3469	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	

		C3472	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
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Model No. : HC-X1000PP/E/EE/GC Parts List

Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		C3474	F1G1H332A830	C.CAPACITOR CH 50V 3300P	1	
		C3476	F3G0J1070004	E.CAPACITOR CH 6.3V 100U	1	
		C3477	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	
		C3478	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3479	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	
		C3480	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C3481	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3482	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3483	F1H0J4750004	C.CAPACITOR CH 6.3V 4.7U	1	
		C3484	F1G1H332A830	C.CAPACITOR CH 50V 3300P	1	
		C3485	F1G1H332A830	C.CAPACITOR CH 50V 3300P	1	
		C3486	F1G1H332A830	C.CAPACITOR CH 50V 3300P	1	
		C3487	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C3488	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3489	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	
		C3490	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	
		C3491	F1H0J4750004	C.CAPACITOR CH 6.3V 4.7U	1	
		C3493	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	
		C3494	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3495	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3497	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C3501	F3G0J1070004	E.CAPACITOR CH 6.3V 100U	1	
		C3502	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	
		C3503	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	
		C3504	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	
		C3505	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	
		C3506	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	
		C3507	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	
		C3508	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	
		C3509	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3510	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3511	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3512	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3513	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3514	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3515	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3516	F1G1H102A830	C.CAPACITOR CH 50V 1000P	1	
		C3519	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C3520	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C3521	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C3523	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	
		C3524	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	
		C3525	F1H0J4750004	C.CAPACITOR CH 6.3V 4.7U	1	
		C3526	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3527	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3528	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3530	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3532	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3533	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3535	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3536	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3537	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3538	F3F0G4760004	E.CAPACITOR CH 4V 47U	1	
		C3539	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	
		C3540	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C3541	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C3542	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C3543	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3545	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3546	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3547	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	

		C3549	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
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Model No. : HC-X1000PP/E/EE/GC Parts List

Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		C3550	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3551	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3552	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3554	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3707	F1J0J2260004	C.CAPACITOR CH 6.3V 22U	1	
		C3708	F1J0J2260004	C.CAPACITOR CH 6.3V 22U	1	
		C3709	F1J0J2260004	C.CAPACITOR CH 6.3V 22U	1	
		C3710	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C3711	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3712	F1H0J2250008	C.CAPACITOR CH 6.3V 2.2U	1	
		C3713	F1H0J2250008	C.CAPACITOR CH 6.3V 2.2U	1	
		C3714	F1G0J2240003	C.CAPACITOR CH 6.3V 0.22U	1	
		C3715	F1G0J2240003	C.CAPACITOR CH 6.3V 0.22U	1	
		C3716	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C3717	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C3718	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3719	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C3720	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C3721	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3722	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3723	F1J0J2260004	C.CAPACITOR CH 6.3V 22U	1	
		C3724	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3801	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3802	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C3803	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C3804	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3805	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3806	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3807	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C3808	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C3809	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3810	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3811	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3812	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3813	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3814	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3815	F1G1H102A830	C.CAPACITOR CH 50V 1000P	1	
		C3816	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3817	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3818	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3819	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3820	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3821	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3822	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3823	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	
		C3824	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3825	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3826	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3827	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3828	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3830	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C3832	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C3833	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C3834	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3835	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3836	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C3838	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C3840	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C3842	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3844	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C3846	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	

		C3848	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
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Model No. : HC-X1000PP/E/EE/GC Parts List

Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		C3850	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C3903	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3904	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3905	F3G0J1070004	E.CAPACITOR CH 6.3V 100U	1	
		C3906	F3G0J1070004	E.CAPACITOR CH 6.3V 100U	1	
		C3907	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C3908	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C3909	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C3910	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C3923	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C3924	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C4001	F1G1H472A830	C.CAPACITOR CH 50V 4700P	1	
		C4002	F1G1H472A830	C.CAPACITOR CH 50V 4700P	1	
		C4004	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C4005	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C4006	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C4009	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C4301	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C4302	F1J1C1060001	C.CAPACITOR CH 16V 10U	1	
		C4305	F1G1H330A834	C.CAPACITOR CH 50V 33P	1	
		C4306	F1G1H330A834	C.CAPACITOR CH 50V 33P	1	
		C4307	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C4308	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C4313	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C4314	F1J1C1060001	C.CAPACITOR CH 16V 10U	1	
		C4315	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C4316	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C4317	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C4318	ECJ1VB1C105K	C.CAPACITOR CH 16V 1U	1	
		C4319	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C4320	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C4399	F1J1C1060001	C.CAPACITOR CH 16V 10U	1	
		C4501	F1J1C1060001	C.CAPACITOR CH 16V 10U	1	
		C4502	F1J1C1060001	C.CAPACITOR CH 16V 10U	1	
		C4503	F1J1C1060001	C.CAPACITOR CH 16V 10U	1	
		C4504	F1J1C1060001	C.CAPACITOR CH 16V 10U	1	
		C4505	F1J1C1060001	C.CAPACITOR CH 16V 10U	1	
		C4506	F1J1C1060001	C.CAPACITOR CH 16V 10U	1	
		C4507	F1J1C1060001	C.CAPACITOR CH 16V 10U	1	
		C4508	F1J1C1060001	C.CAPACITOR CH 16V 10U	1	
		C4509	F1J1C1060001	C.CAPACITOR CH 16V 10U	1	
		C4510	F1J1C1060001	C.CAPACITOR CH 16V 10U	1	
		C4511	F1J1C1060001	C.CAPACITOR CH 16V 10U	1	
		C4512	F1J1C1060001	C.CAPACITOR CH 16V 10U	1	
		C4513	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C4514	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C4515	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C4516	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C4517	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C4518	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C4519	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C4520	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C4521	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C4522	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	
		C4523	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	
		C4524	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C4525	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C4526	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	
		C4527	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C4528	F1J1C1060001	C.CAPACITOR CH 16V 10U	1	
		C4529	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	

		C4531	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
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Model No. : HC-X1000PP/E/EE/GC Parts List

Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		C4532	ECJ1VB1C105K	C.CAPACITOR CH 16V 1U	1	
		C4533	F1H1C105A167	C.CAPACITOR CH 16V 1U	1	
		C4534	F1H1C105A167	C.CAPACITOR CH 16V 1U	1	
		C4603	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C4604	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C4605	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C4606	F1J0J2260004	C.CAPACITOR CH 6.3V 22U	1	
		C4607	F1J0J2260004	C.CAPACITOR CH 6.3V 22U	1	
		C4608	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C4610	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C4611	F1G1H101A834	C.CAPACITOR CH 50V 100P	1	
		C4613	F1G1H101A834	C.CAPACITOR CH 50V 100P	1	
		C4651	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C4654	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C4801	F1G1H471A830	C.CAPACITOR CH 50V 470P	1	
		C4802	F1G1H471A830	C.CAPACITOR CH 50V 470P	1	
		C4803	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C4804	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C4805	F1G1H471A830	C.CAPACITOR CH 50V 470P	1	
		C4806	F1G1H471A830	C.CAPACITOR CH 50V 470P	1	
		C4807	F1J0J2260004	C.CAPACITOR CH 6.3V 22U	1	
		C4808	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C4809	F1G1C153A146	C.CAPACITOR CH 16V 0.015U	1	
		C4810	F1G1C153A146	C.CAPACITOR CH 16V 0.015U	1	
		C4811	F1G1C333A146	C.CAPACITOR CH 16V 0.033U	1	
		C4812	F1G0J2240003	C.CAPACITOR CH 6.3V 0.22U	1	
		C4813	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C4814	F1G0J2240003	C.CAPACITOR CH 6.3V 0.22U	1	
		C4815	F1G1C333A146	C.CAPACITOR CH 16V 0.033U	1	
		C4816	F1G1H102A830	C.CAPACITOR CH 50V 1000P	1	
		C4817	F1G1H102A830	C.CAPACITOR CH 50V 1000P	1	
		C4818	F1J0J2260004	C.CAPACITOR CH 6.3V 22U	1	
		C4819	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C4820	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C4821	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C4822	F1G1H330A834	C.CAPACITOR CH 50V 33P	1	
		C4823	F1J0J2260004	C.CAPACITOR CH 6.3V 22U	1	
		C4824	F1G1H330A834	C.CAPACITOR CH 50V 33P	1	
		C4825	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C4826	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C4827	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C4828	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C4829	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C6001	F1H1C105A167	C.CAPACITOR CH 16V 1U	1	
		C6002	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C6004	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C6006	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C6007	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C6009	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C6010	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C6011	F1H1H104A748	C.CAPACITOR CH 50V 0.1U	1	
		C6013	F1G1H221A830	C.CAPACITOR CH 50V 220P	1	
		C6014	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C6015	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	
		C6016	F1H2A103A002	C.CAPACITOR CH 100V 0.01U	1	
		C6020	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	
		C6021	F1H1C105A167	C.CAPACITOR CH 16V 1U	1	
		C6022	F1H1C105A167	C.CAPACITOR CH 16V 1U	1	
		C6023	F1G1H102A830	C.CAPACITOR CH 50V 1000P	1	
		C6024	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C6025	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	

		C6026	F1G1H102A830	C.CAPACITOR CH 50V 1000P	1	
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Model No. : HC-X1000PP/E/EE/GC Parts List

Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		C6028	F1G1H102A830	C.CAPACITOR CH 50V 1000P	1	
		C6032	F1G1H102A830	C.CAPACITOR CH 50V 1000P	1	
		C6034	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C6301	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C6302	F1J1A106A043	C.CAPACITOR CH 10V 10U	1	
		C6304	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C6305	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C6306	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C6307	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C6310	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C6401	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C6402	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C6701	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C6702	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C6703	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C6704	F1H2A103A002	C.CAPACITOR CH 100V 0.01U	1	
		C6706	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
		C6707	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C6710	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C6715	F1G1H101A834	C.CAPACITOR CH 50V 100P	1	
		C6717	F1H1H104A748	C.CAPACITOR CH 50V 0.1U	1	
		C6721	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C6727	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C6851	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C6852	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C6853	F1H1E105A116	C.CAPACITOR CH 25V 1U	1	
		C6854	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C6855	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C6856	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C6857	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C6858	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C6859	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C6860	F1G0J1050007	C.CAPACITOR CH 6.3V 1U	1	
		C6901	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C6902	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C6903	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C6904	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C6905	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C6906	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C6907	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C6908	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C6909	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C6910	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C6911	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C6912	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C6913	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C6914	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C6915	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C6916	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C6917	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C6918	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C6919	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C6920	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C6951	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C6952	F1G1C104A146	C.CAPACITOR CH 16V 0.1U	1	
		C6953	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C6954	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C6955	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C6956	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C6957	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C6958	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	

		C6959	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
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Model No. : HC-X1000PP/E/EE/GC Parts List

Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		C6960	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		C6961	F1G1E103A144	C.CAPACITOR CH 25V 0.01U	1	
		D1412	DZ2J075M0L	DIODE	1	E.S.D.
		D1501	B0JCPE000038	DIODE	1	E.S.D.
		D1502	DZ2J150M0L	DIODE	1	E.S.D.
		D1504	DB2S31100L	DIODE	1	E.S.D.
		D1601	B0ACRC000001	DIODE	1	E.S.D.
		D1704	B0ECKM000038	DIODE	1	E.S.D.
		D1706	B0ADCJ000097	DIODE	1	E.S.D.
		D1801	B0JCMG000016	DIODE	1	E.S.D.
		D2301	DB2S31100L	DIODE	1	E.S.D.
		D2302	DZ2J100M0L	DIODE	1	E.S.D.
		D3901	B3AAB0000322	LED	1	E.S.D.
		D3902	B3AAB0000322	LED	1	E.S.D.
		D4301	DA3J101F0L	DIODE	1	E.S.D.
		D4302	DA3J101F0L	DIODE	1	E.S.D.
		D4303	DA3J101F0L	DIODE	1	E.S.D.
		D4304	DA3J101F0L	DIODE	1	E.S.D.
		D4305	DB2S31100L	DIODE	1	E.S.D.
		D6501	B3EA00000217	LED	1	E.S.D.
		D6502	B3AAB0000343	LED	1	E.S.D.
		D6551	B3AAB0000343	LED	1	E.S.D.
		D6552	B3AEB0000139	LED	1	E.S.D.
		D6701	B3AAB0000343	LED	1	E.S.D.
		FL601	EXC14CE900	FILTER	1	
		FL602	EXC14CE900	FILTER	1	
		FL603	EXC14CE900	FILTER	1	
		FL604	EXC14CE900	FILTER	1	
		FL605	EXC14CE900	FILTER	1	
		FL606	EXC14CE900	FILTER	1	
		FL3401	EXC28CH900U	FILTER	1	
		FL3402	EXC28CH900U	FILTER	1	
		FL3501	EXC28CH900U	FILTER	1	
		FL3502	EXC28CH900U	FILTER	1	
		FL3801	EXC28CH900U	FILTER	1	
		FL3802	EXC28CH900U	FILTER	1	
		FL6851	J0ZZB0000186	FILTER	1	
		FP301	K1MY51BA0667	CONNECTOR 51P	1	
		FP4002	K1MN22A00065	CONNECTOR 22P	1	
		FP6001	K1MY21BA0605	CONNECTOR 21P	1	
		FP6002	K1MY12BA0641	CONNECTOR 12P	1	
		FP6003	K1MN08A00072	CONNECTOR 8P	1	
		FP6004	K1MY14BA0641	CONNECTOR 14P	1	
		FP6005	K1MY06BA0641	CONNECTOR 6P	1	
		FP6008	K1MN28BA0197	CONNECTOR 28P	1	
		FP6009	K1MY30BA0633	CONNECTOR 30P	1	
		FP6010	K1MY51AA0199	CONNECTOR 51P	1	
		FP6011	K1MY12BA0641	CONNECTOR 12P	1	
		FP6022	K1MN22A00065	CONNECTOR 22P	1	
		FP6301	K1MY12BA0641	CONNECTOR 12P	1	
		FP6401	K1MY51AA0199	CONNECTOR 51P	1	
		FP6402	K1MY51BA0667	CONNECTOR 51P	1	
		FP6501	K1MY06BA0641	CONNECTOR 6P	1	
		FP6551	K1MN06A00065	CONNECTOR 6P	1	
		FP6708	K1MN28BA0197	CONNECTOR 28P	1	
		FP6709	K1MY06BA0633	CONNECTOR 6P	1	
		FP6710	K1MY06BA0641	CONNECTOR 6P	1	
		FP6711	K1MY06BA0641	CONNECTOR 6P	1	
		FP6712	K1MY10BA0641	CONNECTOR 10P	1	
		FP6713	K1MN30B00137	CONNECTOR 30P	1	
		FP6714	K1MY30BA0633	CONNECTOR 30P	1	

		FP6716	K1MY06BA0641	CONNECTOR 6P	1	
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Model No. : HC-X1000PP/E/EE/GC Parts List

Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		FP6936	K1MN06A00065	CONNECTOR 6P	1	
		FP6937	K1MY04BA0432	CONNECTOR 4P	1	
		FP6951	K1MN12A00075	CONNECTOR 12P	1	
		FP6952	K1MN06A00065	CONNECTOR 6P	1	
		FP6954	K1MY06BA0641	CONNECTOR 6P	1	
		HS3901	K1NA09E00153	SD CARD SLOT	1	
		HS3902	K1NA09E00153	SD CARD SLOT	1	
		IC301	C0DBGFC00008	IC	1	E.S.D.
		IC302	C0JBAA000608	IC	1	E.S.D.
		IC601	C1CB00002847	IC	1	E.S.D.
		IC602	C1CB00002847	IC	1	E.S.D.
		IC603	C1CB00002847	IC	1	E.S.D.
		IC701	C1AB00003719	IC	1	E.S.D.
		IC703	C0DBGYY00909	IC	1	E.S.D.
		IC704	C0DBGYY00936	IC	1	E.S.D.
		IC706	C0GBC0000028	IC	1	E.S.D.
		IC751	EWTS9RCL1A	IC	1	E.S.D. [SPC]
		IC761	C0ABGA000035	IC	1	E.S.D.
		IC762	C0GBC0000028	IC	1	E.S.D.
		IC763	C1AB00003450	IC	1	E.S.D.
		IC764	C0GBC0000028	IC	1	E.S.D.
		IC1211	C0DBAYY01300	IC	1	E.S.D.
		IC1221	C0DBAYY01300	IC	1	E.S.D.
		IC1231	C0DBAYY01644	IC	1	E.S.D.
		IC1241	C0DBAYY01645	IC	1	E.S.D.
		IC1251	C0DBAYY01645	IC	1	E.S.D.
		IC1261	C0DBAYY01645	IC	1	E.S.D.
		IC1271	C0DBAYY01644	IC	1	E.S.D.
		IC1281	C0DBAYY01645	IC	1	E.S.D.
		IC1291	C0DBAYY01644	IC	1	E.S.D.
		IC1411	C0DBGYY00977	IC	1	E.S.D.
		IC1412	C0DBZYY00723	IC	1	E.S.D.
		IC1413	C0DBGYY03536	IC	1	E.S.D.
		IC1414	C0DBGYY00977	IC	1	E.S.D.
		IC1421	C0DBGYY02589	IC	1	E.S.D.
		IC1422	C0CBCYY00043	IC	1	E.S.D.
		IC1491	C0DBGYY03698	IC	1	E.S.D.
		IC1501	C0EBK0000066	IC	1	E.S.D.
		IC1601	C0DBCYY00142	IC	1	E.S.D.
		IC1701	C0DBAYY00386	IC	1	E.S.D.
		IC1801	VUEALLPT083	IC	1	E.S.D. [SPC]
		IC2301	C0DBGYY00014	IC	1	E.S.D.
		IC2302	C0EBK0000066	IC	1	E.S.D.
		IC2303	C1ZBZ0004142	IC	1	E.S.D.
		IC3101	C1ZBZ0005018	IC	1	E.S.D.
		IC3102	C0JBAA000608	IC	1	E.S.D.
		IC3103	C0JBAA000608	IC	1	E.S.D.
		IC3204	C0JBAS000401	IC	1	E.S.D.
		IC3301	C0DBGYY00779	IC	1	E.S.D.
		IC3302	C0DBGYY00779	IC	1	E.S.D.
		IC3401	VSG1027	IC	1	E.S.D.
		IC3403	C0JBAA000608	IC	1	E.S.D.
		IC3404	TC58NYG0T14A	IC	1	E.S.D.
		IC3405	C0JBAA000608	IC	1	E.S.D.
		IC3406	C0EBY0000906	IC	1	E.S.D.
		IC3501	VSG1027	IC	1	E.S.D.
		IC3701	C1AB00004179	IC	1	E.S.D.
		IC3702	C0ZBZ0001730	IC	1	E.S.D.
		IC3703	C1AB00004180	IC	1	E.S.D.
		IC3801	MN8647781	IC	1	E.S.D.
		IC4301	C0ABBA000201	IC	1	E.S.D.

		IC4302	C0ABBA000201	IC	1	E.S.D.
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Model No. : HC-X1000PP/E/EE/GC Parts List

Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		IC4303	C0DBGYY01912	IC	1	E.S.D.
		IC4501	C0ABBA000201	IC	1	E.S.D.
		IC4502	C0ABBA000201	IC	1	E.S.D.
		IC4503	C0ABBA000201	IC	1	E.S.D.
		IC4504	C0JBAR000432	IC	1	E.S.D.
		IC4505	C0JBAR000432	IC	1	E.S.D.
		IC4506	C0JBAR000432	IC	1	E.S.D.
		IC4507	C0JBAR000432	IC	1	E.S.D.
		IC4508	C0JBAR000432	IC	1	E.S.D.
		IC4509	C0JBAR000432	IC	1	E.S.D.
		IC4510	C0DBGYY01912	IC	1	E.S.D.
		IC4801	C0ABBB000369	IC	1	E.S.D.
		IC4802	C0ABBB000369	IC	1	E.S.D.
		IC4803	C0ABBB000220	IC	1	E.S.D.
		IC4804	C0ABBB000220	IC	1	E.S.D.
		IC6301	EWTS9PDL1A	IC	1	E.S.D. [SPC]
		IC6302	VUEALLPT053	IC	1	E.S.D. [SPC]
		IC6710	B4ABC0000036	IC	1	E.S.D.
		IC6711	B4ZZ00000031	IC	1	E.S.D.
		IC6901	C0JBAQ000260	IC	1	E.S.D.
		IC6902	C0JBAQ000260	IC	1	E.S.D.
		IC6951	C0JBAQ000260	IC	1	E.S.D.
		IC6952	C0JBAQ000260	IC	1	E.S.D.
		IP6301	K5H6321A0011	IC PROTECTOR	1	
		IP6851	K5H402YA0080	IC PROTECTOR	1	
		JK4001	K2HC103B0202	JACK, HEADPHONE	1	
		JK4002	K2HA304B0021	JACK, AV	1	
		JK6001	K1FY119E0025	JACK, HDMI	1	
		JK6002	K1FY109B0027	JACK, USB (HOST)	1	
		JK6003	K1FY110E0006	JACK, USB (DEVICE)	1	
		JK6301	K4ZZ04000049	JACK, BATTERY CATCH	1	
		JK6851	K2HC106B0010	JACK, CAM REMOTE	1	
		JK6852	K2HD1YYB0007	JACK, ZOOM S/S	1	
		JK6853	K2ED2B000009	JACK, DC IN	1	
		L301	G1C100MA0072	CHIP INDUCTOR 10UH	1	
		L302	G1C100MA0072	CHIP INDUCTOR 10UH	1	
		L303	G1C100MA0072	CHIP INDUCTOR 10UH	1	
		L701	G1C100MA0495	CHIP INDUCTOR 10UH	1	
		L751	G1C100MA0495	CHIP INDUCTOR 10UH	1	
		L1211	G1C150MA0569	CHIP INDUCTOR 15UH	1	
		L1221	G1C100MA0426	CHIP INDUCTOR 10UH	1	
		L1231	G1C4R7ZA0240	CHIP INDUCTOR 4.7UH	1	
		L1241	G1C1R5ZA0240	CHIP INDUCTOR 1.5UH	1	
		L1251	G1C3R3MA0535	CHIP INDUCTOR 3.3UH	1	
		L1261	G1C1R5Z00011	CHIP INDUCTOR 1.5UH	1	
		L1271	G1C4R7MA0477	CHIP INDUCTOR 4.7UH	1	
		L1281	G1C1R5ZA0240	CHIP INDUCTOR 1.5UH	1	
		L1291	G1C100MA0461	CHIP INDUCTOR 10UH	1	
		L1601	G1C100MA0461	CHIP INDUCTOR 10UH	1	
		L1701	G1C100MA0569	CHIP INDUCTOR 10UH	1	
		L1702	G1C100K00019	CHIP INDUCTOR 10UH	1	
		L1801	G1C100MA0426	CHIP INDUCTOR 10UH	1	
		L3401	G1C4R7MA0495	CHIP INDUCTOR 4.7UH	1	
		L3402	G1C4R7MA0495	CHIP INDUCTOR 4.7UH	1	
		L3403	G1C4R7MA0495	CHIP INDUCTOR 4.7UH	1	
		L3404	J0JGC0000059	FILTER	1	
		L3406	G1C4R7MA0495	CHIP INDUCTOR 4.7UH	1	
		L3408	G1C4R7MA0408	CHIP INDUCTOR 4.7UH	1	
		L3409	G1C100MA0495	CHIP INDUCTOR 10UH	1	
		L3410	G1C4R7MA0495	CHIP INDUCTOR 4.7UH	1	

		L3411	G1C4R7MA0408	CHIP INDUCTOR 4.7UH	1	
		L3412	G1C4R7MA0495	CHIP INDUCTOR 4.7UH	1	

Model No. : HC-X1000PP/E/EE/GC Parts List

Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		L3501	G1C4R7MA0495	CHIP INDUCTOR 4.7UH	1	
		L3502	G1C4R7MA0495	CHIP INDUCTOR 4.7UH	1	
		L3503	G1C4R7MA0495	CHIP INDUCTOR 4.7UH	1	
		L3504	J0JGC0000059	FILTER	1	
		L3505	G1C4R7MA0408	CHIP INDUCTOR 4.7UH	1	
		L3506	G1C4R7MA0495	CHIP INDUCTOR 4.7UH	1	
		L3701	G1C4R7MA0408	CHIP INDUCTOR 4.7UH	1	
		L3702	G1C4R7MA0073	CHIP INDUCTOR 4.7UH	1	
		L4601	G1C100KA0115	CHIP INDUCTOR 10UH	1	
		LB301	J0JBC0000099	FILTER	1	
		LB3404	J0JBC0000099	FILTER	1	
		LB3701	J0JBC0000099	FILTER	1	
		LB3801	J0JCC0000276	FILTER	1	
		LB4001	J0JCC0000276	FILTER	1	
		LB4002	J0JCC0000276	FILTER	1	
		LB4003	J0JCC0000276	FILTER	1	
		LB4004	J0JCC0000276	FILTER	1	
		LB4006	J0JCC0000276	FILTER	1	
		LB4007	J0JCC0000276	FILTER	1	
		LB4008	J0JCC0000276	FILTER	1	
		LB6001	J0JYC0000060	FILTER	1	
		LB6002	J0JYC0000060	FILTER	1	
		LB6003	J0JCC0000276	FILTER	1	
		LB6004	J0JYC0000060	FILTER	1	
		LB6005	J0JYC0000060	FILTER	1	
		LB6301	J0JYC0000780	FILTER	1	
		LB6302	J0JYC0000780	FILTER	1	
		LB6303	J0JYC0000780	FILTER	1	
		LB6304	J0JYC0000780	FILTER	1	
		P6001	K1KA12BA0014	CONNECTOR 12P	1	
		P6022	K1KA04BA0050	CONNECTOR 4P	1	
		P6024	K1KA03BA0047	CONNECTOR 3P	1	
		P6301	K1KA02B00247	CONNECTOR 2P	1	
		P6502	K1KA02AA0142	CONNECTOR 2P	1	
		P6710	K1KA02BA0014	CONNECTOR 2P	1	
		PP3901	K1KA40BA0052	CONNECTOR 40P	1	
		PP4001	K1KY20AA0347	CONNECTOR 20P	1	
		PP6001	K1KB40AA0094	CONNECTOR 40P	1	
		PS6003	K1KY10AA0805	CONNECTOR 10P	1	
		PS6004	K1KY14AA0805	CONNECTOR 14P	1	
		PS6719	K1KY10AA0805	CONNECTOR 10P	1	
		PS6851	K1KB20AA0094	CONNECTOR 20P	1	
		Q773	B1ADGE000014	TRANSISTOR	1	E.S.D.
		Q774	B1ABCF000310	TRANSISTOR	1	E.S.D.
		Q775	B1ADGE000014	TRANSISTOR	1	E.S.D.
		Q1001	B1CHRD000092	TRANSISTOR	1	E.S.D.
		Q1411	B1ADGE000014	TRANSISTOR	1	E.S.D.
		Q1412	B1HBDFA00005	TRANSISTOR	1	E.S.D.
		Q1413	MTM761230LBF	TRANSISTOR	1	E.S.D.
		Q1431	B1HBDFA00005	TRANSISTOR	1	E.S.D.
		Q1501	B1CHRD000092	TRANSISTOR	1	E.S.D.
		Q1502	B1CHQD000012	TRANSISTOR	1	E.S.D.
		Q1503	B1CHRD000092	TRANSISTOR	1	E.S.D.
		Q1504	B1ABCF000316	TRANSISTOR	1	E.S.D.
		Q1505	B1ABCF000316	TRANSISTOR	1	E.S.D.
		Q1506	B1ABCF000316	TRANSISTOR	1	E.S.D.
		Q1507	B1CFJD000007	TRANSISTOR	1	E.S.D.
		Q1551	B1ABCF000316	TRANSISTOR	1	E.S.D.
		Q1552	B1ABCF000316	TRANSISTOR	1	E.S.D.
		Q1553	B1ABCF000316	TRANSISTOR	1	E.S.D.
		Q1554	B1ABCF000316	TRANSISTOR	1	E.S.D.

		Q1701	B1CHRD000092	TRANSISTOR	1	E.S.D.
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Model No. : HC-X1000PP/E/EE/GC Parts List

Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		Q1704	B1DFBL000007	TRANSISTOR	1	E.S.D.
		Q3301	B1CHMB000007	TRANSISTOR	1	E.S.D.
		Q3302	B1CHMB000007	TRANSISTOR	1	E.S.D.
		Q3303	B1ADGE000014	TRANSISTOR	1	E.S.D.
		Q3304	B1ADGE000014	TRANSISTOR	1	E.S.D.
		Q4302	B1CZHC000001	TRANSISTOR	1	E.S.D.
		Q4303	B1CZHC000001	TRANSISTOR	1	E.S.D.
		Q4304	B1CZHC000001	TRANSISTOR	1	E.S.D.
		Q4801	B1ABCF000310	TRANSISTOR	1	E.S.D.
		Q6701	B1ADGE000014	TRANSISTOR	1	E.S.D.
		Q6702	B1ABGE000015	TRANSISTOR	1	E.S.D.
		Q6801	B1HFCFA00050	TRANSISTOR	1	E.S.D.
		Q6802	B1HFCFA00050	TRANSISTOR	1	E.S.D.
		Q6803	B1HFCFA00050	TRANSISTOR	1	E.S.D.
		Q6804	B1HFCFA00050	TRANSISTOR	1	E.S.D.
		Q6805	B1HFCFA00050	TRANSISTOR	1	E.S.D.
		Q6806	B1HFCFA00050	TRANSISTOR	1	E.S.D.
		QR773	B1GBCFYY0221	TRANSISTOR-RESISTOR	1	E.S.D.
		QR774	B1GBCFYY0221	TRANSISTOR-RESISTOR	1	E.S.D.
		QR1001	B1GBCFYY0222	TRANSISTOR-RESISTOR	1	E.S.D.
		QR1411	B1GBCFYY0222	TRANSISTOR-RESISTOR	1	E.S.D.
		QR1412	B1GBCFYY0222	TRANSISTOR-RESISTOR	1	E.S.D.
		QR1413	B1GBCFYY0222	TRANSISTOR-RESISTOR	1	E.S.D.
		QR1501	B1GBCFYY0222	TRANSISTOR-RESISTOR	1	E.S.D.
		QR1502	B1GDCFYY0148	TRANSISTOR-RESISTOR	1	E.S.D.
		QR1504	B1GBCFYY0222	TRANSISTOR-RESISTOR	1	E.S.D.
		QR1508	B1GDCFYY0148	TRANSISTOR-RESISTOR	1	E.S.D.
		QR1551	B1GDCFYY0148	TRANSISTOR-RESISTOR	1	E.S.D.
		QR1553	B1GBCFYY0222	TRANSISTOR-RESISTOR	1	E.S.D.
		QR1554	B1GDCFYY0148	TRANSISTOR-RESISTOR	1	E.S.D.
		QR1556	B1GDCFYY0148	TRANSISTOR-RESISTOR	1	E.S.D.
		QR1557	B1GDCFYY0148	TRANSISTOR-RESISTOR	1	E.S.D.
		QR1705	B1GDCFYY0151	TRANSISTOR-RESISTOR	1	E.S.D.
		QR1706	B1GBCFYY0222	TRANSISTOR-RESISTOR	1	E.S.D.
		QR2301	B1GDCFYY0148	TRANSISTOR-RESISTOR	1	E.S.D.
		QR2302	B1GBCFYY0222	TRANSISTOR-RESISTOR	1	E.S.D.
		QR3303	B1GBCFYY0225	TRANSISTOR-RESISTOR	1	E.S.D.
		QR3304	B1GBCFYY0225	TRANSISTOR-RESISTOR	1	E.S.D.
		QR3401	B1GDCFYY0151	TRANSISTOR-RESISTOR	1	E.S.D.
		QR3402	B1GDCFYY0151	TRANSISTOR-RESISTOR	1	E.S.D.
		QR3403	B1GDCFYY0148	TRANSISTOR-RESISTOR	1	E.S.D.
		QR3404	B1GBCFYY0224	TRANSISTOR-RESISTOR	1	E.S.D.
		QR3405	B1GDCFYY0151	TRANSISTOR-RESISTOR	1	E.S.D.
		QR3410	B1GBCFYY0234	TRANSISTOR-RESISTOR	1	E.S.D.
		QR3411	B1GDCFCA0001	TRANSISTOR-RESISTOR	1	E.S.D.
		QR3412	B1GBCFYY0234	TRANSISTOR-RESISTOR	1	E.S.D.
		QR3413	B1GDCFCA0001	TRANSISTOR-RESISTOR	1	E.S.D.
		QR3501	B1GDCFYY0154	TRANSISTOR-RESISTOR	1	E.S.D.
		QR3502	B1GDCFYY0154	TRANSISTOR-RESISTOR	1	E.S.D.
		QR3507	B1GBCFYY0222	TRANSISTOR-RESISTOR	1	E.S.D.
		QR3508	B1GBCFYY0222	TRANSISTOR-RESISTOR	1	E.S.D.
		QR3509	B1GDCFYY0151	TRANSISTOR-RESISTOR	1	E.S.D.
		QR3512	B1GDCFYY0151	TRANSISTOR-RESISTOR	1	E.S.D.
		QR4301	B1GDCFYY0018	TRANSISTOR-RESISTOR	1	E.S.D.
		QR4302	B1GDCFYY0018	TRANSISTOR-RESISTOR	1	E.S.D.
		QR4303	B1GDCFYY0018	TRANSISTOR-RESISTOR	1	E.S.D.
		QR4304	B1GBCFYY0022	TRANSISTOR-RESISTOR	1	E.S.D.
		QR4305	B1GBCFYY0022	TRANSISTOR-RESISTOR	1	E.S.D.
		QR4306	B1GBCFYY0022	TRANSISTOR-RESISTOR	1	E.S.D.
		QR4307	B1GBCFYY0022	TRANSISTOR-RESISTOR	1	E.S.D.
		QR4308	B1GBCFYY0022	TRANSISTOR-RESISTOR	1	E.S.D.

		QR4501	B1GBCFY0219	TRANSISTOR-RESISTOR	1	E.S.D.
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Model No. : HC-X1000PP/E/EE/GC Parts List

Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		QR4502	B1GBCFY0219	TRANSISTOR-RESISTOR	1	E.S.D.
		QR4503	B1GBCFY0219	TRANSISTOR-RESISTOR	1	E.S.D.
		QR4504	B1GBCFY0219	TRANSISTOR-RESISTOR	1	E.S.D.
		QR4505	B1GBCFY0219	TRANSISTOR-RESISTOR	1	E.S.D.
		QR4506	B1GBCFY0219	TRANSISTOR-RESISTOR	1	E.S.D.
		QR6701	B1GDCFY0003	TRANSISTOR-RESISTOR	1	E.S.D.
		QR6702	B1GBCFY0010	TRANSISTOR-RESISTOR	1	E.S.D.
		R304	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R305	D0GA390JA023	M.RESISTOR CH 1/10W 39	1	
		R614	D0GA820JA023	M.RESISTOR CH 1/10W 82	1	
		R617	D0GA820JA023	M.RESISTOR CH 1/10W 82	1	
		R702	D0GA473JA039	M.RESISTOR CH 1/16W 47K	1	
		R703	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R704	D0GA473JA039	M.RESISTOR CH 1/16W 47K	1	
		R705	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R706	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R707	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R712	D1BA1002A022	M.RESISTOR CH 1/16W 10K	1	
		R713	D1BA1002A022	M.RESISTOR CH 1/16W 10K	1	
		R714	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R715	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R716	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R717	D0GA682JA023	M.RESISTOR CH 1/10W 6.8K	1	
		R729	D0GA473JA039	M.RESISTOR CH 1/16W 47K	1	
		R731	D0GA101JA039	M.RESISTOR CH 1/16W 100	1	
		R732	D0GA473JA039	M.RESISTOR CH 1/16W 47K	1	
		R733	D0GA124JA023	M.RESISTOR CH 1/10W 120K	1	
		R741	D1BA1002A022	M.RESISTOR CH 1/16W 10K	1	
		R742	D1BA1002A022	M.RESISTOR CH 1/16W 10K	1	
		R743	D1BA1003A022	M.RESISTOR CH 1/16W 100K	1	
		R744	D1BA1203A022	M.RESISTOR CH 1/16W 120K	1	
		R745	D1BA1002A022	M.RESISTOR CH 1/16W 10K	1	
		R746	D1BA1002A022	M.RESISTOR CH 1/16W 10K	1	
		R753	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R754	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R761	D0GA223JA023	M.RESISTOR CH 1/10W 22K	1	
		R765	D1BA2702A022	M.RESISTOR CH 1/16W 27K	1	
		R766	D1BA1502A022	M.RESISTOR CH 1/16W 15K	1	
		R767	D0GA222JA023	M.RESISTOR CH 1/10W 2.2K	1	
		R768	D1BA3302A022	M.RESISTOR CH 1/16W 33K	1	
		R771	D0GA473JA039	M.RESISTOR CH 1/16W 47K	1	
		R772	D0GA471JA023	M.RESISTOR CH 1/10W 470	1	
		R773	D0GA473JA039	M.RESISTOR CH 1/16W 47K	1	
		R775	D0GA221JA023	M.RESISTOR CH 1/10W 220	1	
		R776	D0GA473JA039	M.RESISTOR CH 1/16W 47K	1	
		R778	D0GA473JA039	M.RESISTOR CH 1/16W 47K	1	
		R779	D0GA221JA023	M.RESISTOR CH 1/10W 220	1	
		R780	D0GA224JA023	M.RESISTOR CH 1/10W 220K	1	
		R781	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R782	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R783	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R784	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R785	D0GA221JA023	M.RESISTOR CH 1/10W 220	1	
		R786	D0GA332JA023	M.RESISTOR CH 1/10W 3.3K	1	
		R788	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R789	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R790	D0GA391JA023	M.RESISTOR CH 1/10W 390	1	
		R792	D0GA391JA023	M.RESISTOR CH 1/10W 390	1	
		R793	D0GA221JA023	M.RESISTOR CH 1/10W 220	1	
		R795	D0GAR00J0005	M.RESISTOR CH 1/10W 0	1	
		R799	D0GA821JA023	M.RESISTOR CH 1/10W 820	1	

		R1001	D1JB2R70A023	FUSING RESISTOR 2.7	1	
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Model No. : HC-X1000PP/E/EE/GC Parts List

Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		R1002	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R1003	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R1211	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R1213	D1BA1003A022	M.RESISTOR CH 1/16W 100K	1	
		R1214	D1BA1802A022	M.RESISTOR CH 1/16W 18K	1	
		R1215	D1BA2202A022	M.RESISTOR CH 1/16W 22K	1	
		R1217	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R1221	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R1223	D1BA6202A022	M.RESISTOR CH 1/16W 62K	1	
		R1224	D1BA5601A022	M.RESISTOR CH 1/16W 5.6K	1	
		R1225	D1BA2202A022	M.RESISTOR CH 1/16W 22K	1	
		R1227	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R1231	D0GA222JA023	M.RESISTOR CH 1/10W 2.2K	1	
		R1233	D1BA2702A022	M.RESISTOR CH 1/16W 27K	1	
		R1234	D1BA2201A022	M.RESISTOR CH 1/16W 2.2K	1	
		R1235	D1BA2202A022	M.RESISTOR CH 1/16W 22K	1	
		R1243	D1BA1002A022	M.RESISTOR CH 1/16W 10K	1	
		R1244	D1BA3901A022	M.RESISTOR CH 1/16W 3.9K	1	
		R1245	D1BA2202A022	M.RESISTOR CH 1/16W 22K	1	
		R1247	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R1253	D1BA6801A022	M.RESISTOR CH 1/16W 6.8K	1	
		R1254	D0GA181JA023	M.RESISTOR CH 1/10W 180	1	
		R1255	D1BA2202A022	M.RESISTOR CH 1/16W 22K	1	
		R1263	D1BA6801A022	M.RESISTOR CH 1/16W 6.8K	1	
		R1264	D0GA181JA023	M.RESISTOR CH 1/10W 180	1	
		R1265	D1BA2202A022	M.RESISTOR CH 1/16W 22K	1	
		R1271	D0GA101JA039	M.RESISTOR CH 1/16W 100	1	
		R1273	D1BA1002A022	M.RESISTOR CH 1/16W 10K	1	
		R1274	D1BA1801A022	M.RESISTOR CH 1/16W 1.8K	1	
		R1275	D1BA2202A022	M.RESISTOR CH 1/16W 22K	1	
		R1283	D1BA1202A022	M.RESISTOR CH 1/16W 12K	1	
		R1284	D1BA1001A022	M.RESISTOR CH 1/16W 1K	1	
		R1285	D1BA2202A022	M.RESISTOR CH 1/16W 22K	1	
		R1291	D0GA822JA023	M.RESISTOR CH 1/10W 8.2K	1	
		R1293	D1BA6202A022	M.RESISTOR CH 1/16W 62K	1	
		R1294	D1BA8201A022	M.RESISTOR CH 1/16W 8.2K	1	
		R1295	D1BA2202A022	M.RESISTOR CH 1/16W 22K	1	
		R1297	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R1311	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R1321	D0GA332JA023	M.RESISTOR CH 1/10W 3.3K	1	
		R1331	D0GA471JA023	M.RESISTOR CH 1/10W 470	1	
		R1341	D0GA122JA023	M.RESISTOR CH 1/10W 1.2K	1	
		R1351	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R1361	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R1371	D0GA122JA023	M.RESISTOR CH 1/10W 1.2K	1	
		R1381	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R1391	D0GA272JA023	M.RESISTOR CH 1/10W 2.7K	1	
		R1411	D0GA152JA023	M.RESISTOR CH 1/10W 1.5K	1	
		R1412	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R1413	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R1414	D1BA2201A022	M.RESISTOR CH 1/16W 2.2K	1	
		R1415	D1BA1201A022	M.RESISTOR CH 1/16W 1.2K	1	
		R1416	D1BA1801A022	M.RESISTOR CH 1/16W 1.8K	1	
		R1417	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R1418	D0GA123JA023	M.RESISTOR CH 1/10W 12K	1	
		R1419	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R1420	D0GA473JA039	M.RESISTOR CH 1/16W 47K	1	
		R1421	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R1423	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R1431	D0GA273JA023	M.RESISTOR CH 1/10W 27K	1	
		R1432	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	

		R1433	D0GA680JA023	M.RESISTOR CH 1/10W 68	1	
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Model No. : HC-X1000PP/E/EE/GC Parts List

Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		R1434	D0GA392JA023	M.RESISTOR CH 1/10W 3.9K	1	
		R1435	D0GA224JA023	M.RESISTOR CH 1/10W 220K	1	
		R1491	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R1501	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R1502	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R1503	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R1504	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R1505	D1BA4702A022	M.RESISTOR CH 1/16W 47K	1	
		R1506	D1BA2203A022	M.RESISTOR CH 1/16W 220K	1	
		R1509	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R1510	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R1511	D1BA2203A022	M.RESISTOR CH 1/16W 220K	1	
		R1512	D1BA2203A022	M.RESISTOR CH 1/16W 220K	1	
		R1514	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R1515	D0GA224JA023	M.RESISTOR CH 1/10W 220K	1	
		R1516	D0GA224JA023	M.RESISTOR CH 1/10W 220K	1	
		R1517	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R1518	D1BA1202A022	M.RESISTOR CH 1/16W 12K	1	
		R1519	D1BA1502A022	M.RESISTOR CH 1/16W 15K	1	
		R1551	D0GA222JA023	M.RESISTOR CH 1/10W 2.2K	1	
		R1552	D0GA473JA039	M.RESISTOR CH 1/16W 47K	1	
		R1553	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R1554	D0GA473JA039	M.RESISTOR CH 1/16W 47K	1	
		R1555	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R1556	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R1557	D0GA473JA039	M.RESISTOR CH 1/16W 47K	1	
		R1558	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R1559	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R1601	D1JBR179A023	FUSING RESISTOR 0.179	1	
		R1602	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R1603	D1BA8202A022	M.RESISTOR CH 1/16W 82K	1	
		R1604	D1BA2701A022	M.RESISTOR CH 1/16W 2.7K	1	
		R1605	D1BA1002A022	M.RESISTOR CH 1/16W 10K	1	
		R1608	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R1701	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R1702	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R1704	D1JBR179A023	FUSING RESISTOR 0.179	1	
		R1714	D0GA204JA023	M.RESISTOR CH 1/10W 200K	1	
		R1715	D0GA474JA023	M.RESISTOR CH 1/10W 470K	1	
		R1716	D1BA2703A022	M.RESISTOR CH 1/16W 220K	1	
		R1718	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R1720	D1BA2703A022	M.RESISTOR CH 1/16W 220K	1	
		R1721	D1BA2003A022	M.RESISTOR CH 1/16W 200K	1	
		R1722	D1BA1002A022	M.RESISTOR CH 1/16W 10K	1	
		R1725	D0GB104JA065	M.RESISTOR CH 1/10W 100K	1	
		R1736	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R1737	D0GA223JA023	M.RESISTOR CH 1/10W 22K	1	
		R1801	D1JBR179A023	FUSING RESISTOR 0.179	1	
		R1802	D0GB4R7JA065	M.RESISTOR CH 1/10W 4.7K	1	
		R1803	D1BA2002A022	M.RESISTOR CH 1/16W 20K	1	
		R1804	D0GF330JA048	M.RESISTOR CH 1/4W 33	1	
		R2301	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R2302	D0GA473JA039	M.RESISTOR CH 1/16W 47K	1	
		R2303	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R2304	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R2307	D0GA333JA023	M.RESISTOR CH 1/10W 33K	1	
		R3107	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R3108	D0GA331JA023	M.RESISTOR CH 1/10W 330	1	
		R3109	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R3110	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	

		R3111	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R3112	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	

Model No. : HC-X1000PP/E/EE/GC Parts List

Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		R3117	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R3301	D0GA222JA023	M.RESISTOR CH 1/10W 2.2K	1	
		R3302	D0GA222JA023	M.RESISTOR CH 1/10W 2.2K	1	
		R3303	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R3304	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R3305	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R3306	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R3307	D0GA331JA023	M.RESISTOR CH 1/10W 330	1	
		R3308	D0GA331JA023	M.RESISTOR CH 1/10W 330	1	
		R3309	D0GA473JA039	M.RESISTOR CH 1/16W 47K	1	
		R3310	D0GA222JA023	M.RESISTOR CH 1/10W 2.2K	1	
		R3311	D0GA473JA039	M.RESISTOR CH 1/16W 47K	1	
		R3312	D0GA222JA023	M.RESISTOR CH 1/10W 2.2K	1	
		R3313	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R3314	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R3401	D1BA1801A022	M.RESISTOR CH 1/16W 1.8K	1	
		R3402	D0GA751JA023	M.RESISTOR CH 1/10W 750	1	
		R3406	D0GA121JA023	M.RESISTOR CH 1/10W 120	1	
		R3409	D0GA560JA023	M.RESISTOR CH 1/10W 56	1	
		R3410	D0GA152JA023	M.RESISTOR CH 1/10W 1.5K	1	
		R3411	D1BA3901A022	M.RESISTOR CH 1/16W 3.9K	1	
		R3413	D1BA1801A022	M.RESISTOR CH 1/16W 1.8K	1	
		R3414	D1BA1801A022	M.RESISTOR CH 1/16W 1.8K	1	
		R3418	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R3424	D0GA471JA023	M.RESISTOR CH 1/10W 470	1	
		R3427	D1BA2400A022	M.RESISTOR CH 1/16W 240	1	
		R3429	D0GA273JA023	M.RESISTOR CH 1/10W 27K	1	
		R3430	D0GAR00J0005	M.RESISTOR CH 1/10W 0	1	
		R3431	D1BA2400A022	M.RESISTOR CH 1/16W 240	1	
		R3432	D1BA4701A022	M.RESISTOR CH 1/16W 4.7K	1	
		R3433	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R3434	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R3436	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R3439	D1BA2400A022	M.RESISTOR CH 1/16W 240	1	
		R3441	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R3442	D0GA220JA023	M.RESISTOR CH 1/10W 22	1	
		R3443	D0GA220JA023	M.RESISTOR CH 1/10W 22	1	
		R3444	D1BA2400A022	M.RESISTOR CH 1/16W 240	1	
		R3445	D0GA330JA023	M.RESISTOR CH 1/10W 33	1	
		R3446	D0GA220JA023	M.RESISTOR CH 1/10W 22	1	
		R3447	D0GA751JA023	M.RESISTOR CH 1/10W 750	1	
		R3448	D1BA6201A022	M.RESISTOR CH 1/16W 6.2K	1	
		R3450	D1BA1801A022	M.RESISTOR CH 1/16W 1.8K	1	
		R3451	D1BA1801A022	M.RESISTOR CH 1/16W 1.8K	1	
		R3453	D1BA1801A022	M.RESISTOR CH 1/16W 1.8K	1	
		R3454	D1BA1801A022	M.RESISTOR CH 1/16W 1.8K	1	
		R3458	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R3461	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R3462	D0GA473JA039	M.RESISTOR CH 1/16W 47K	1	
		R3463	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R3464	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R3465	D1BA1801A022	M.RESISTOR CH 1/16W 1.8K	1	
		R3468	D0GA471JA023	M.RESISTOR CH 1/10W 470	1	
		R3469	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R3470	D1BA2000A022	M.RESISTOR CH 1/16W 200	1	
		R3471	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R3472	D1BA6801A022	M.RESISTOR CH 1/16W 6.8K	1	
		R3476	D1BA2000A022	M.RESISTOR CH 1/16W 200	1	
		R3477	D0GA152JA023	M.RESISTOR CH 1/10W 1.5K	1	
		R3478	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R3479	D0GA471JA023	M.RESISTOR CH 1/10W 470	1	

		R3480	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
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Model No. : HC-X1000PP/E/EE/GC Parts List

Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		R3488	D1BA1202A022	M.RESISTOR CH 1/16W 12K	1	
		R3489	D1BA1202A022	M.RESISTOR CH 1/16W 12K	1	
		R3490	D1BA1202A022	M.RESISTOR CH 1/16W 12K	1	
		R3491	D1BA2002A022	M.RESISTOR CH 1/16W 20K	1	
		R3492	D1BA2002A022	M.RESISTOR CH 1/16W 20K	1	
		R3494	D1BA2002A022	M.RESISTOR CH 1/16W 20K	1	
		R3498	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R3506	D0GA221JA023	M.RESISTOR CH 1/10W 220	1	
		R3508	D0GA152JA023	M.RESISTOR CH 1/10W 1.5K	1	
		R3518	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R3523	D1BA4701A022	M.RESISTOR CH 1/16W 4.7K	1	
		R3525	D0GA273JA023	M.RESISTOR CH 1/10W 27K	1	
		R3526	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R3528	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R3532	D1BA1801A022	M.RESISTOR CH 1/16W 1.8K	1	
		R3533	D1BA1801A022	M.RESISTOR CH 1/16W 1.8K	1	
		R3534	D1BA1801A022	M.RESISTOR CH 1/16W 1.8K	1	
		R3535	D1BA1801A022	M.RESISTOR CH 1/16W 1.8K	1	
		R3537	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R3538	D1BA1801A022	M.RESISTOR CH 1/16W 1.8K	1	
		R3539	D1BA1801A022	M.RESISTOR CH 1/16W 1.8K	1	
		R3540	D1BA1801A022	M.RESISTOR CH 1/16W 1.8K	1	
		R3541	D1BA1801A022	M.RESISTOR CH 1/16W 1.8K	1	
		R3542	D1BA2400A022	M.RESISTOR CH 1/16W 240	1	
		R3543	D1BA2400A022	M.RESISTOR CH 1/16W 240	1	
		R3544	D1BA2400A022	M.RESISTOR CH 1/16W 240	1	
		R3545	D1BA2400A022	M.RESISTOR CH 1/16W 240	1	
		R3548	D0GA471JA023	M.RESISTOR CH 1/10W 470	1	
		R3549	D0GA471JA023	M.RESISTOR CH 1/10W 470	1	
		R3550	D0GA680JA023	M.RESISTOR CH 1/10W 68	1	
		R3551	D0GA220JA023	M.RESISTOR CH 1/10W 22	1	
		R3552	D0GA221JA023	M.RESISTOR CH 1/10W 220	1	
		R3554	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R3596	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R3597	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R3701	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R3702	D0GA101JA039	M.RESISTOR CH 1/16W 100	1	
		R3703	D0GA101JA039	M.RESISTOR CH 1/16W 100	1	
		R3704	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R3705	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R3706	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R3707	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R3716	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R3717	D0GA330JA023	M.RESISTOR CH 1/10W 33	1	
		R3718	D0GA330JA023	M.RESISTOR CH 1/10W 33	1	
		R3719	D0GA390JA023	M.RESISTOR CH 1/10W 39	1	
		R3802	D0GAR00J0005	M.RESISTOR CH 1/10W 0	1	
		R3803	D0GAR00J0005	M.RESISTOR CH 1/10W 0	1	
		R3804	D0GAR00J0005	M.RESISTOR CH 1/10W 0	1	
		R3805	D0GAR00J0005	M.RESISTOR CH 1/10W 0	1	
		R3808	D0GA202JA023	M.RESISTOR CH 1/10W 2K	1	
		R3809	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R3810	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R3811	D0GA202JA023	M.RESISTOR CH 1/10W 2K	1	
		R3813	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R3816	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R3817	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R3821	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R3822	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R3824	D1BA5100A022	M.RESISTOR CH 1/16W 510	1	
		R3828	D0GA273JA023	M.RESISTOR CH 1/10W 27K	1	

		R3830	D0GA682JA023	M.RESISTOR CH 1/10W 6.8K	1	
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Model No. : HC-X1000PP/E/EE/GC Parts List

Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		R3832	D0GA100JA023	M.RESISTOR CH 1/10W 10	1	
		R3833	D0GA100JA023	M.RESISTOR CH 1/10W 10	1	
		R3901	D0GA100JA023	M.RESISTOR CH 1/10W 10	1	
		R3902	D0GAR00J0005	M.RESISTOR CH 1/10W 0	1	
		R3903	D0GA100JA023	M.RESISTOR CH 1/10W 10	1	
		R3904	D0GAR00J0005	M.RESISTOR CH 1/10W 0	1	
		R3905	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R3906	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R3911	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R3912	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R3913	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R3914	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R3915	D0GBR00J0004	M.RESISTOR CH 1/10W 0	1	
		R3916	D0GBR00J0004	M.RESISTOR CH 1/10W 0	1	
		R4001	D1BA68R0A022	M.RESISTOR CH 1/16W 68	1	
		R4002	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R4301	D0GA333JA023	M.RESISTOR CH 1/10W 33K	1	
		R4302	D0GA333JA023	M.RESISTOR CH 1/10W 33K	1	
		R4303	D0GD104JA052	M.RESISTOR CH 1/8W 100K	1	
		R4304	D0GD104JA052	M.RESISTOR CH 1/8W 100K	1	
		R4305	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R4306	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R4309	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R4310	D0GA473JA039	M.RESISTOR CH 1/16W 47K	1	
		R4311	D0GA473JA039	M.RESISTOR CH 1/16W 47K	1	
		R4312	D0GA471JA023	M.RESISTOR CH 1/10W 470	1	
		R4313	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R4314	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R4315	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R4321	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R4322	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R4323	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R4324	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R4325	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R4326	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R4329	D0GA391JA023	M.RESISTOR CH 1/10W 390	1	
		R4330	D0GA121JA023	M.RESISTOR CH 1/10W 120	1	
		R4331	D0GA122JA023	M.RESISTOR CH 1/10W 1.2K	1	
		R4332	D0GA105JA023	M.RESISTOR CH 1/10W 1M	1	
		R4333	D0GA121JA023	M.RESISTOR CH 1/10W 120	1	
		R4339	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R4340	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R4348	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R4349	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R4350	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R4351	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R4352	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R4353	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R4354	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R4355	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R4501	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R4502	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R4503	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R4504	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R4505	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R4506	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R4507	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R4508	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R4509	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R4510	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R4511	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	

		R4512	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
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Model No. : HC-X1000PP/E/EE/GC Parts List

Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		R4513	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R4514	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R4515	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R4516	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R4517	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R4518	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R4519	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R4520	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R4521	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R4522	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R4523	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R4524	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R4525	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R4526	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R4527	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R4528	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R4529	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R4530	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R4531	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R4532	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R4533	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R4534	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R4535	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R4536	D0GA104JA039	M.RESISTOR CH 1/16W 100K	1	
		R4537	D0GA333JA023	M.RESISTOR CH 1/10W 33K	1	
		R4538	D0GA333JA023	M.RESISTOR CH 1/10W 33K	1	
		R4539	D0GA333JA023	M.RESISTOR CH 1/10W 33K	1	
		R4540	D0GA333JA023	M.RESISTOR CH 1/10W 33K	1	
		R4541	D0GA333JA023	M.RESISTOR CH 1/10W 33K	1	
		R4542	D0GA333JA023	M.RESISTOR CH 1/10W 33K	1	
		R4543	D0GA183JA023	M.RESISTOR CH 1/10W 18K	1	
		R4544	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R4545	D0GA183JA023	M.RESISTOR CH 1/10W 18K	1	
		R4546	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R4601	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R4608	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R4801	D0GD392JA052	M.RESISTOR CH 1/8W 3.9K	1	
		R4802	D0GD392JA052	M.RESISTOR CH 1/8W 3.9K	1	
		R4803	D0GA223JA023	M.RESISTOR CH 1/10W 22K	1	
		R4804	D0GA223JA023	M.RESISTOR CH 1/10W 22K	1	
		R4805	D0GA563JA023	M.RESISTOR CH 1/10W 56K	1	
		R4806	D0GA563JA023	M.RESISTOR CH 1/10W 56K	1	
		R4807	D0GA223JA023	M.RESISTOR CH 1/10W 22K	1	
		R4808	D0GA223JA023	M.RESISTOR CH 1/10W 22K	1	
		R4809	D0GA333JA023	M.RESISTOR CH 1/10W 33K	1	
		R4810	D0GA333JA023	M.RESISTOR CH 1/10W 33K	1	
		R4811	D0GA273JA023	M.RESISTOR CH 1/10W 27K	1	
		R4812	D0GA473JA039	M.RESISTOR CH 1/16W 47K	1	
		R4813	D0GA273JA023	M.RESISTOR CH 1/10W 27K	1	
		R4814	D0GA473JA039	M.RESISTOR CH 1/16W 47K	1	
		R4815	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R4816	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R4817	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R4818	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R4819	D0GA333JA023	M.RESISTOR CH 1/10W 33K	1	
		R4820	D0GA333JA023	M.RESISTOR CH 1/10W 33K	1	
		R4821	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R4822	D0GA223JA023	M.RESISTOR CH 1/10W 22K	1	
		R4823	D0GA333JA023	M.RESISTOR CH 1/10W 33K	1	
		R4824	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R4825	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	

		R4826	DOGA103JA039	M.RESISTOR CH 1/16W 10K	1	
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Model No. : HC-X1000PP/E/EE/GC Parts List

Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		R4827	D0GA472JA023	M.RESISTOR CH 1/10W 4.7K	1	
		R6001	D0GD102JA052	M.RESISTOR CH 1/8W 1K	1	
		R6002	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R6003	D1JBR032A055	FUSING RESISTOR 0.032	1	
		R6009	D0GAR00J0005	M.RESISTOR CH 1/10W 0	1	
		R6302	D0GBR00J0004	M.RESISTOR CH 1/10W 0	1	
		R6306	D0GA221JA023	M.RESISTOR CH 1/10W 220	1	
		R6307	D0GA221JA023	M.RESISTOR CH 1/10W 220	1	
		R6308	D0GA221JA023	M.RESISTOR CH 1/10W 220	1	
		R6309	D0GA221JA023	M.RESISTOR CH 1/10W 220	1	
		R6701	D1BA8200A022	M.RESISTOR CH 1/16W 820	1	
		R6702	D1BA1200A022	M.RESISTOR CH 1/16W 120	1	
		R6703	D1BA1500A022	M.RESISTOR CH 1/16W 150	1	
		R6704	D1BA8200A022	M.RESISTOR CH 1/16W 820	1	
		R6707	ERJ3RQF3R9	M.RESISTOR CH 1/10W 3.9K	1	
		R6708	ERJ3RQF3R9	M.RESISTOR CH 1/10W 3.9K	1	
		R6709	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R6710	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R6711	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R6712	D0GA153JA023	M.RESISTOR CH 1/10W 15K	1	
		R6713	D0GA682JA023	M.RESISTOR CH 1/10W 6.8K	1	
		R6714	D0GA223JA023	M.RESISTOR CH 1/10W 22K	1	
		R6715	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R6729	D0GAR00J0005	M.RESISTOR CH 1/10W 0	1	
		R6730	D0GAR00J0005	M.RESISTOR CH 1/10W 0	1	
		R6731	D0GA101JA039	M.RESISTOR CH 1/16W 100	1	
		R6732	D0GA101JA039	M.RESISTOR CH 1/16W 100	1	
		R6851	D0GA331JA023	M.RESISTOR CH 1/10W 330	1	
		R6852	D0GA331JA023	M.RESISTOR CH 1/10W 330	1	
		R6853	D0GA331JA023	M.RESISTOR CH 1/10W 330	1	
		R6854	D0GA331JA023	M.RESISTOR CH 1/10W 330	1	
		R6855	D0GA331JA023	M.RESISTOR CH 1/10W 330	1	
		R6856	D0GA331JA023	M.RESISTOR CH 1/10W 330	1	
		R6857	D0GA153JA023	M.RESISTOR CH 1/10W 15K	1	
		R6858	D0GA153JA023	M.RESISTOR CH 1/10W 15K	1	
		R6859	D0GA153JA023	M.RESISTOR CH 1/10W 15K	1	
		R6860	D1BA1802A022	M.RESISTOR CH 1/16W 18K	1	
		R6861	D1BA1802A022	M.RESISTOR CH 1/16W 18K	1	
		R6862	D1BA1802A022	M.RESISTOR CH 1/16W 18K	1	
		R6863	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R6864	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R6865	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R6866	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R6867	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R6868	D0GA103JA039	M.RESISTOR CH 1/16W 10K	1	
		R6869	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R6870	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R6871	D0GA102JA039	M.RESISTOR CH 1/16W 1K	1	
		R6875	D1BA1801A022	M.RESISTOR CH 1/16W 1.8K	1	
		R6876	D1BA1801A022	M.RESISTOR CH 1/16W 1.8K	1	
		R6877	D1BA1801A022	M.RESISTOR CH 1/16W 1.8K	1	
		R6951	D0GA222JA023	M.RESISTOR CH 1/10W 2.2K	1	
		R6952	D0GA101JA039	M.RESISTOR CH 1/16W 100	1	
		R6953	D0GA101JA039	M.RESISTOR CH 1/16W 100	1	
		R6954	D0GA101JA039	M.RESISTOR CH 1/16W 100	1	
		RX3401	D1H82204A042	RESISTOR NETWORKS	1	
		RX3402	D1H82204A042	RESISTOR NETWORKS	1	
		RX3403	D1H84734A042	RESISTOR NETWORKS	1	
		RX3404	D1H81034A042	RESISTOR NETWORKS	1	
		RX3407	D1H85604A042	RESISTOR NETWORKS	1	
		RX3408	D1H84734A042	RESISTOR NETWORKS	1	

		RX3409	D1H84734A042	RESISTOR NETWORKS	1	
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Model No. : HC-X1000PP/E/EE/GC Parts List

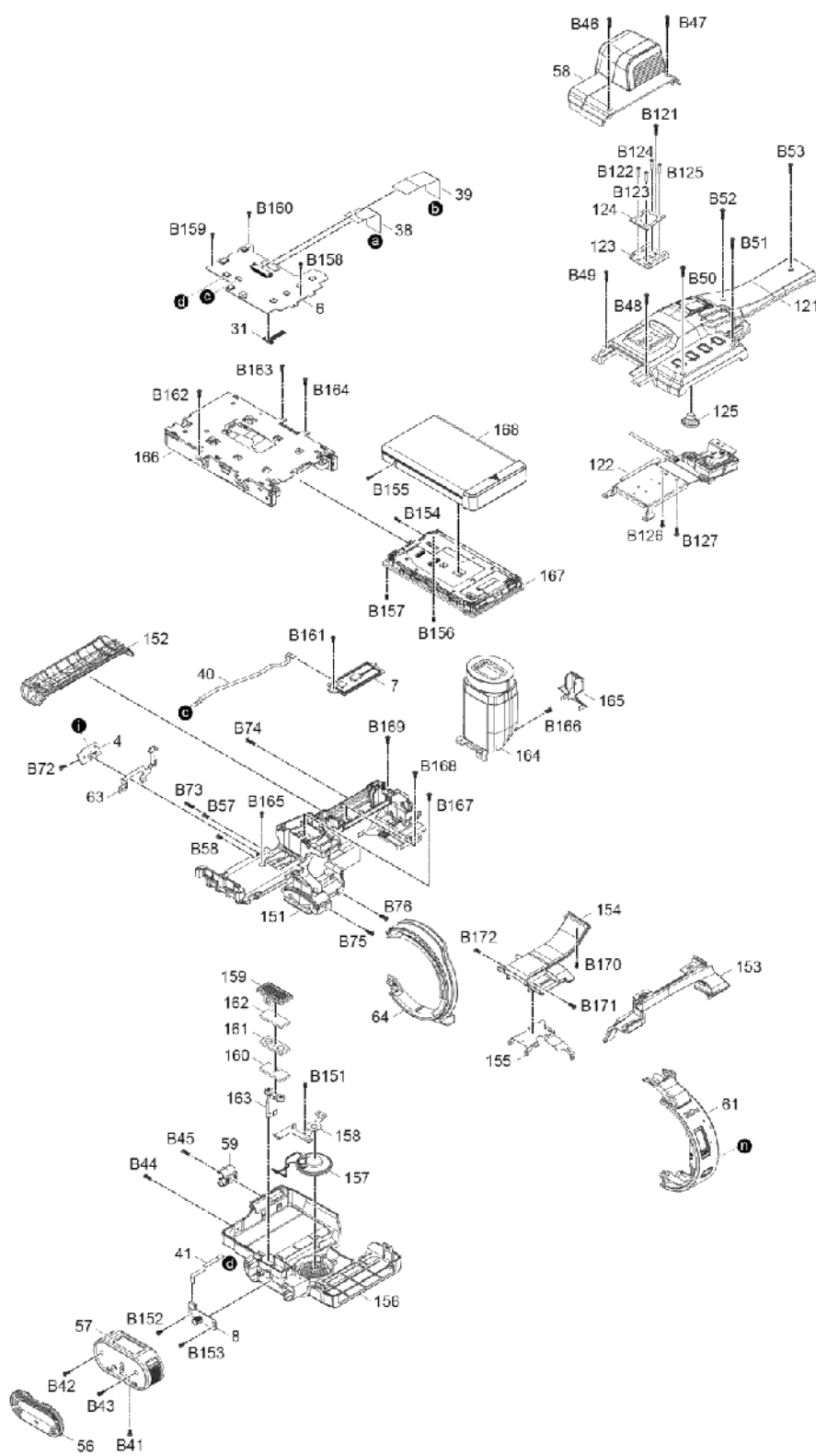
Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		RX3415	D1H81034A042	RESISTOR NETWORKS	1	
		RX3417	D1H81034A042	RESISTOR NETWORKS	1	
		RX3420	D1H81034A042	RESISTOR NETWORKS	1	
		RX3503	D1H81034A042	RESISTOR NETWORKS	1	
		RX3504	D1H81034A042	RESISTOR NETWORKS	1	
		RX3802	D1H84734A042	RESISTOR NETWORKS	1	
		RX3803	D1H84724A042	RESISTOR NETWORKS	1	
		RX3901	D1H81004A042	RESISTOR NETWORKS	1	
		RX3902	D1H8R0040016	RESISTOR NETWORKS	1	
		RX3903	D1H81034A042	RESISTOR NETWORKS	1	
		RX3904	D1H81034A042	RESISTOR NETWORKS	1	
		RX6001	D1H81034A042	RESISTOR NETWORKS	1	
		RX6901	D1H81034A042	RESISTOR NETWORKS	1	
		RX6902	D1H81034A042	RESISTOR NETWORKS	1	
		RX6903	D1H81034A042	RESISTOR NETWORKS	1	
		RX6904	D1H81034A042	RESISTOR NETWORKS	1	
		RX6951	D1H81034A042	RESISTOR NETWORKS	1	
		RX6952	D1H81034A042	RESISTOR NETWORKS	1	
		RX6953	D1H81034A042	RESISTOR NETWORKS	1	
		RX6954	D1H81034A042	RESISTOR NETWORKS	1	
		S6701	K0F111A00589	SWITCH	1	
		S6702	K0F111A00589	SWITCH	1	
		S6703	K0F111A00589	SWITCH	1	
		S6704	K0F111A00589	SWITCH	1	
		S6901	K0D112B00142	SWITCH	1	
		S6902	K0F111A00589	SWITCH	1	
		S6903	K0F111A00589	SWITCH	1	
		S6904	K0F111A00589	SWITCH	1	
		S6905	K0F111A00589	SWITCH	1	
		S6906	K0F111A00589	SWITCH	1	
		S6907	K0F111A00589	SWITCH	1	
		S6908	VSS0549	SWITCH	1	
		S6909	VSS0549	SWITCH	1	
		S6910	VSS0549	SWITCH	1	
		S6911	VSS0549	SWITCH	1	
		S6951	K0F111A00589	SWITCH	1	
		S6952	K0D113B00027	SWITCH	1	
		S6953	K0F111A00589	SWITCH	1	
		S6954	K0F111A00589	SWITCH	1	
		S6955	K0F111A00589	SWITCH	1	
		S6956	K0F111A00589	SWITCH	1	
		S6957	K0F111A00589	SWITCH	1	
		S6958	K0F111A00589	SWITCH	1	
		VA4001	D4EDY1310001	VARISTOR	1	
		VA4003	D4EDY1310001	VARISTOR	1	
		VA4004	D4EDY1310001	VARISTOR	1	
		VA4006	D4EDY1310001	VARISTOR	1	
		VA4007	D4EDY1310001	VARISTOR	1	
		VA4008	D4ED16R80001	VARISTOR	1	
		VA6301	D4EDY1310001	VARISTOR	1	
		VA6302	D4EDY1310001	VARISTOR	1	
		VA6705	D4EDY1310001	VARISTOR	1	
		VA6706	D4EDY1310001	VARISTOR	1	
		VA6851	D4EDY1310001	VARISTOR	1	
		VA6852	D4EDY1310001	VARISTOR	1	
		VA6853	D4EDY1310001	VARISTOR	1	
		VA6854	D4EDY1310001	VARISTOR	1	
		VA6855	D4EDY1310001	VARISTOR	1	
		VA6856	D4EDY1310001	VARISTOR	1	
		VR6901	D2BBA14Y0002	VOLUME CH1 AUDIO	1	
		VR6902	D2BBA14Y0002	VOLUME CH1 AUDIO	1	

		X2301	H0J327200085	CRYSTAL OSCILLATOR	1	
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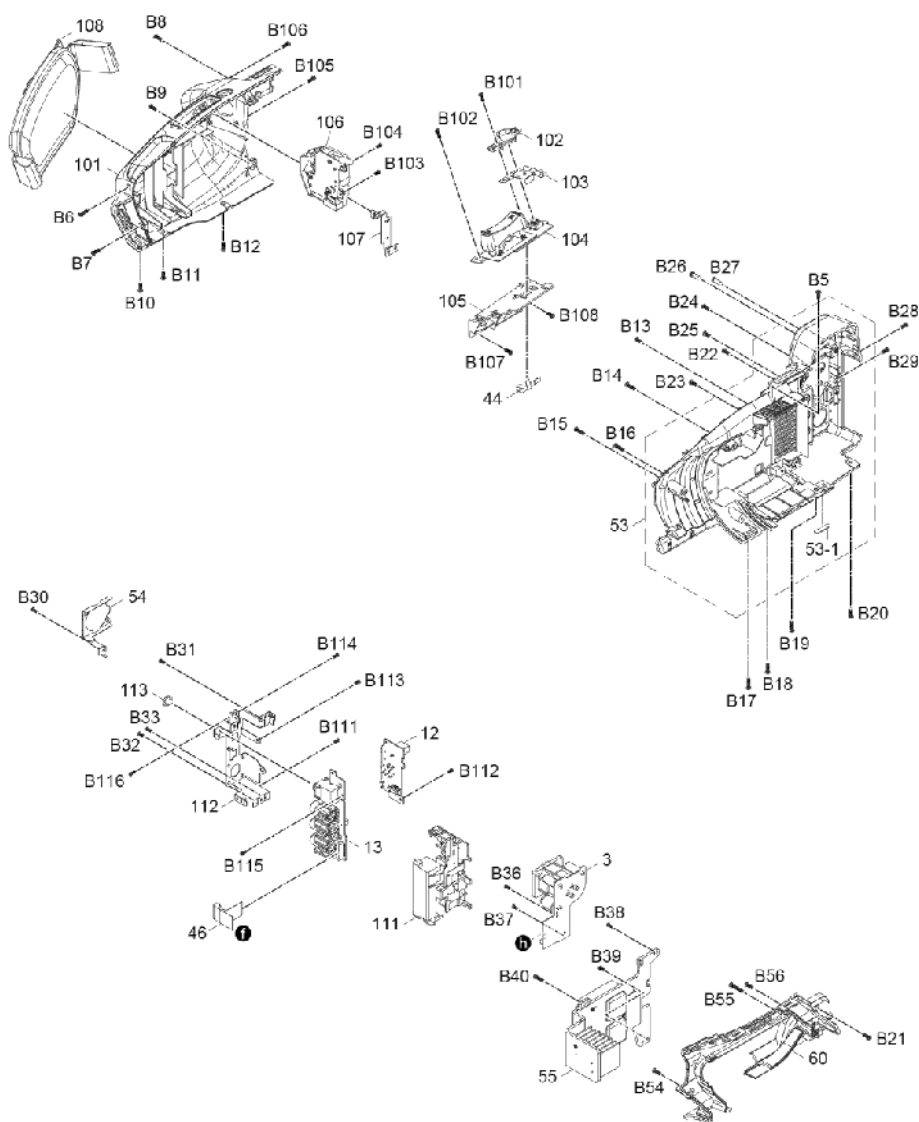
Model No. : HC-X1000PP/E/EE/GC**Parts List**

Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		X3402	H1A7205B0005	CRYSTAL OSCILLATOR	1	
		ZB6501	SMX0014	LED SPACER	1	
		ZB6951	K3ZZ00500014	BATTERY HOLDER	1	

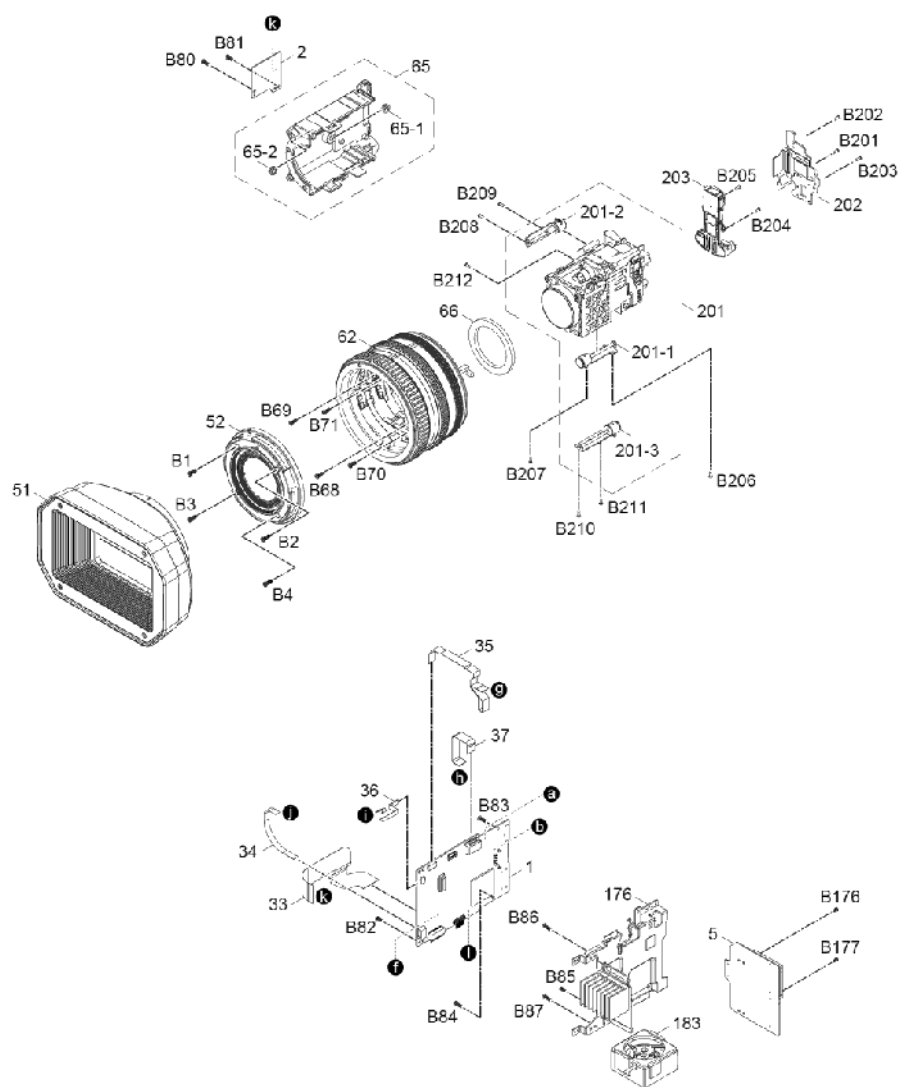
Model No. : HC-X1000PP/E/EE/GC Frame and Casing Section (1)



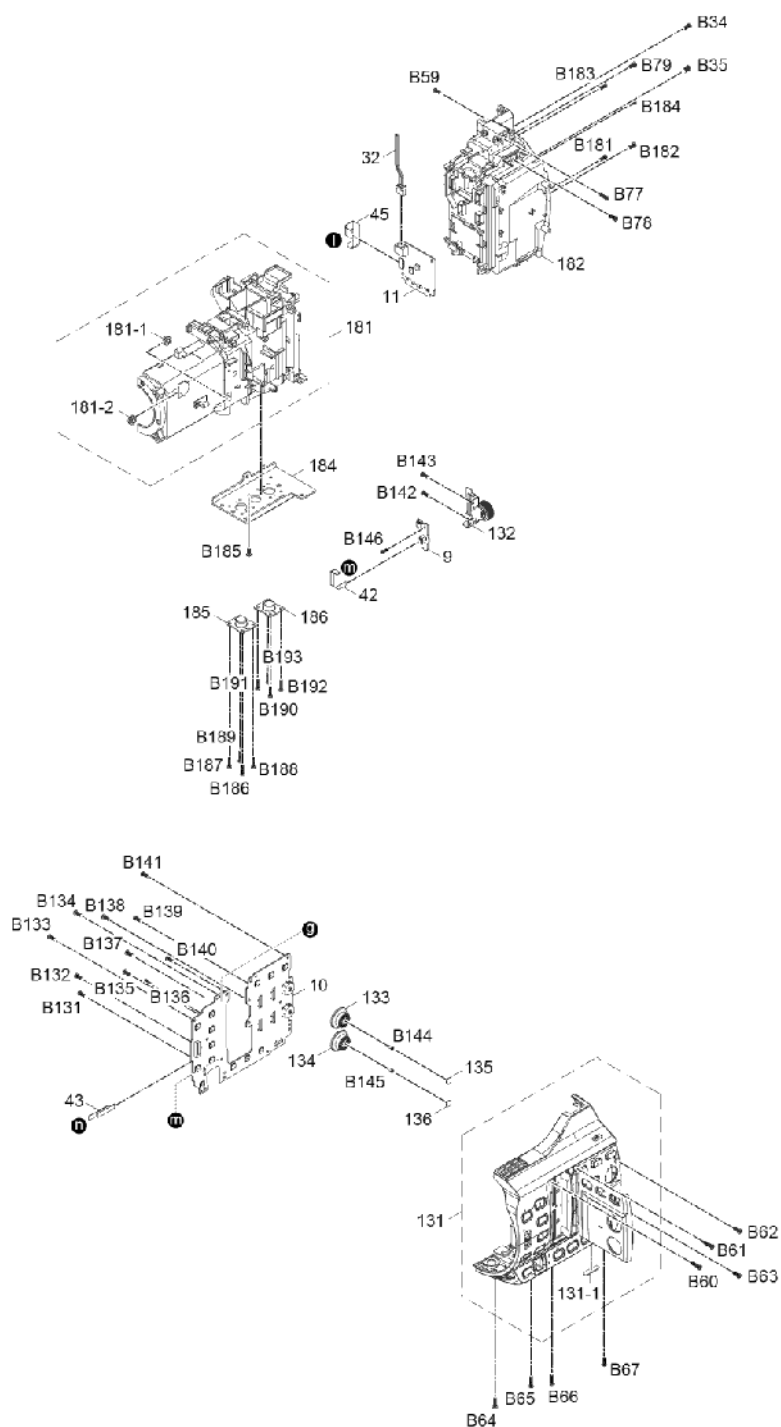
Model No. : HC-X1000PP/E/EE/GC Frame and Casing Section (2)



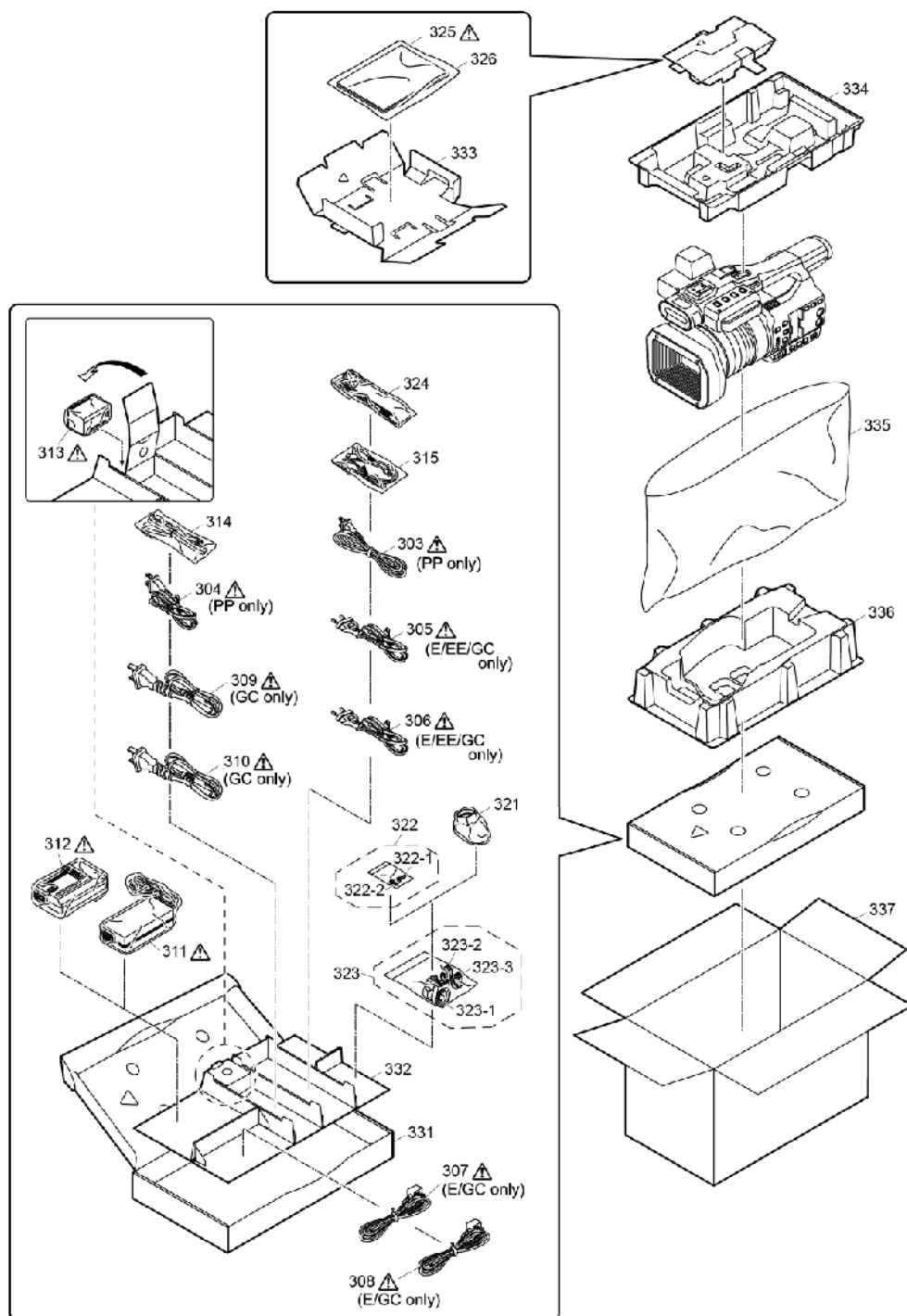
Model No. : HC-X1000PP/E/EE/GC Frame and Casing Section (3)



Model No. : HC-X1000PP/E/EE/GC Frame and Casing Section (4)



Model No. : HC-X1000PP/E/EE/GC Packing Parts and Accessories Section



Model No. : HC-X1000PP/E/EE/GC Parts List

Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		1	SEP0173AA	MAIN P.C.B.	1	(RTL) E.S.D.
		2	SEP0174AA	LENS RELAY P.C.B.	1	(RTL)
		3	SEP0183AA	XLR REAR P.C.B. UNIT	1	E.S.D.
		4	SEP0192AA	RING LED P.C.B.	1	(RTL) E.S.D.
		5	SEP0175AA	SD HOLDER P.C.B.	1	(RTL) E.S.D.
		6	SEP0188AA	HANDLE OPERATION P.C.B.	1	(RTL) E.S.D.
		7	SEQ0008	NFC P.C.B. UNIT	1	E.S.D.
		8	SEP0190AA	IR P.C.B.	1	(RTL) E.S.D.
		9	SEP0179AA	DIAL P.C.B.	1	(RTL)
		10	SEP0236AA	SIDE R OPERATION P.C.B.	1	(RTL) E.S.D.
		11	SEP0180AA	BATTERY CATCHER P.C.B.	1	(RTL) E.S.D.
		12	SEP0181AA	DC/REMOTE JACK P.C.B.	1	(RTL) E.S.D.
		13	SEP0182AA	AV JACK P.C.B.	1	(RTL)
		31	STK0007A	MONITOR SLIM WIRE	1	
		32	SEE0056	DC BATT. WIRE	1	
		33	STJ0024	LENS RELAY FPC	1	
		34	STJ0027	POWER SS FFC	1	
		35	STJ0034	CAM OP FFC	1	
		36	STJ0035	RING LED FFC	1	
		37	SEQ0064	XLR REAR FFC UNIT	1	
		38	STJ0025	HANDLE OP A FFC	1	
		39	STJ0026	HANDLE OP B FFC	1	
		40	STJ0039	NFC FFC	1	
		41	STJ0040	GRIP ZOOM FFC	1	
		42	STJ0029	DIAL FFC	1	
		43	STJ0040	GRIP ZOOM FFC	1	
		44	STJ0040	GRIP ZOOM FFC	1	
		45	STJ0030	GYRO FFC	1	
		46	STJ0028	JACK FFC	1	
		51	SYK0438	LENS HOOD UNIT	1	
		52	SGQ0129	LENS MASK	1	
		53	SYK0435	SIDE CASE L UNIT	1	
		53-1	VKA0397	SET LEG CUSHION	1	
		54	SMA0039	XLR ANGLE R	1	
		55	SYD0008	SUB RADIATION PLATE UNIT	1	
		56	SYK0426	SENSOR WINDOW UNIT	1	
		57	SKK0110K	MIC CASE A	1	
		58	SYK0428	XLR FRONT UNIT	1	
		59	VJF1256	CABLE CLAMPER	1	
		60	SYK0452	HANDLE CASE L UNIT	1	
		61	SYK0430	ND CASE UNIT	1	
		62	SYK0432	MF UNIT	1	
		63	SMA0038	LED EARTH PLATE	1	
		64	SYQ0088	RING LED UNIT	1	
		65	SYQ0090	LENS FRAME L UNIT	1	
		65-1	VMG1925	DAMPER RUBBER	1	
		65-2	VMG1925	DAMPER RUBBER	1	
		66	SGQ0130	DUST PROTECTOR RING	1	
		101	SYK0437	GRIP UNIT	1	
		102	VGU0K86	PHOTO SHOT BUTTON	1	
		103	SMA0054	PHOTO EARTH PLATE	1	
		104	SYQ0164	ZOOM LEVER UNIT	1	
		105	VGQ0294	ZOOM BASE	1	
		106	SYQ0097	POWER SS UNIT	1	
		107	SMA0055	POWER SS EARTH PLATE	1	
		108	SYQ0100	GRIP BELT UNIT	1	
		111	SYQ0109	JACK PIECE UNIT	1	
		112	SMA0045	JACK FRAME	1	
		113	VHN0382	M6 NUT	1	
		121	SYK0451	HANDLE CASE T UNIT	1	
		122	SYQ0096	HA TOP ANGLE UNIT	1	

		123	VMP2407	SHOE HOLD PLATE	1	
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Model No. : HC-X1000PP/E/EE/GC Parts List

Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		124	VMC2236	ACCESSORY SHOE SPRING	1	
		125	VGU9988	REC BUTTON	1	
		131	SYK0434	SIDE CASE R UNIT	1	
		131-1	VKA0397	SET LEG CUSHION	1	
		132	K0RE00300031	KURUPON UNIT	1	
		133	VGU0K96	AUDIO VR KNOB	1	
		134	VGU0K96	AUDIO VR KNOB	1	
		135	VGQ1A44	TRIANGLE SHEET	1	
		136	VGQ1A44	TRIANGLE SHEET	1	
		151	SGF0026	HANDLE FRAME	1	
		152	SKK0103K	HANDLE PIECE	1	
		153	SKK0104K	HANDLE CASE R	1	
		154	SKK0101K	TOP CASE	1	
		155	SMA0041	DUCT EARTH PLATE	1	
		156	SYK0469	HANDLE CASE B UNIT	1	
		157	L0AA02A00140	SPEAKER	1	
		158	VMP0B84	SPEAKER ANGLE	1	
		159	SKK0111K	MIC CASE B	1	
		160	SGQ0262	MIC CUSHION C	1	
		161	SGQ0216	MIC CUSHION B	1	
		162	SGQ0215	MIC CUSHION A	1	
		163	L0CBAY000164	MICROPHONE	1	
		164	SYK0439	EVF UNIT	1	
		165	VGQ1A20	EVF WIRE GUIDE	1	
		166	SYQ0245	HANDLE SLIDE UNIT	1	
		167	SYK0427	LCD UNIT	1	
		168	SKK0113K	LCD CASE T	1	
		176	SYD0007	Wi-Fi/RADIATION PLATE UNIT	1	
		181	SYQ0086	MAINFRAME UNIT	1	
		181-1	VMG1925	DAMPER RUBBER	1	
		181-2	VMG1925	DAMPER RUBBER	1	
		182	SYK0423	REAR CASE UNIT	1	
		183	SYQ0108	DC FAN MOTOR UNIT	1	
		184	SGF0025	TRIPOD FRAME	1	
		185	VGQ1H85	TRIPOD	1	
		186	VGQ1H85	TRIPOD	1	
		B1	XQN2+BJ6FJK	SCREW	1	
		B2	XQN2+BJ6FJK	SCREW	1	
		B3	XQN2+BJ6FJK	SCREW	1	
		B4	XQN2+BJ6FJK	SCREW	1	
		B5	XQN2+B5FJK	SCREW	1	
		B6	XQN2+BJ6FJK	SCREW	1	
		B7	XQN2+BJ6FJK	SCREW	1	
		B8	XQN2+BJ6FJK	SCREW	1	
		B9	XQN2+BJ6FJK	SCREW	1	
		B10	XQN2+BJ6FJK	SCREW	1	
		B11	XQN2+BJ6FJK	SCREW	1	
		B12	XQN2+BJ6FJK	SCREW	1	
		B13	XQN2+BJ4FN	SCREW	1	
		B14	XQN2+BJ12FJK	SCREW	1	
		B15	XQN2+BJ8FJK	SCREW	1	
		B16	XQN2+BJ8FJK	SCREW	1	
		B17	XQN2+BJ8FJK	SCREW	1	
		B18	XQN2+BJ8FJK	SCREW	1	
		B19	XQN2+BJ8FJK	SCREW	1	
		B20	XQN2+BJ6FJK	SCREW	1	
		B21	XQN2+BJ5FJK	SCREW	1	
		B22	XQN2+BJ5FJK	SCREW	1	
		B23	XQN2+BJ5FJK	SCREW	1	
		B24	XQN2+B5FJK	SCREW	1	
		B25	XQN2+B5FJK	SCREW	1	

		B26	XQN26+B6FJK	SCREW	1	
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Model No. : HC-X1000PP/E/EE/GC Parts List

Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		B27	XQN26+B6FJK	SCREW	1	
		B28	XQN2+BJ5FJK	SCREW	1	
		B29	XQN2+BJ5FJK	SCREW	1	
		B30	VHD1907	SCREW	1	
		B31	VHD1907	SCREW	1	
		B32	VHD1907	SCREW	1	
		B33	VHD1907	SCREW	1	
		B34	XQN2+BJ5FJK	SCREW	1	
		B35	SHD0036	SCREW	1	
		B36	VHD1907	SCREW	1	
		B37	VHD1907	SCREW	1	
		B38	VHD1907	SCREW	1	
		B39	VHD1907	SCREW	1	
		B40	XQN2+BJ8FJK	SCREW	1	
		B41	XQN2+BJ5FJK	SCREW	1	
		B42	XQN2+BJ5FJK	SCREW	1	
		B43	XQN2+BJ5FJK	SCREW	1	
		B44	XQN2+B6FJK	SCREW	1	
		B45	XQN2+B6FJK	SCREW	1	
		B46	XQN2+B8FJK	SCREW	1	
		B47	XQN2+B8FJK	SCREW	1	
		B48	XQN2+B8FJK	SCREW	1	
		B49	XQN2+B8FJK	SCREW	1	
		B50	XQN2+B8FJK	SCREW	1	
		B51	XQN2+B8FJK	SCREW	1	
		B52	XQN2+B8FJK	SCREW	1	
		B53	XQN2+B8FJK	SCREW	1	
		B54	XQN2+B6FJK	SCREW	1	
		B55	XQN2+BJ12FJK	SCREW	1	
		B56	XQN2+BJ6FJK	SCREW	1	
		B57	XQN2+BJ6FJK	SCREW	1	
		B58	XQN2+BJ6FJK	SCREW	1	
		B59	XQN2+BJ6FJK	SCREW	1	
		B60	XQN2+BJ8FJK	SCREW	1	
		B61	XQN2+B8FJK	SCREW	1	
		B62	XQN2+BJ5FJK	SCREW	1	
		B63	XQN2+BJ5FJK	SCREW	1	
		B64	XQN2+BJ8FJK	SCREW	1	
		B65	XQN2+BJ8FJK	SCREW	1	
		B66	XQN2+BJ8FJK	SCREW	1	
		B67	XQN2+BJ6FJK	SCREW	1	
		B68	XQN2+BJ5FJK	SCREW	1	
		B69	XQN2+BJ5FJK	SCREW	1	
		B70	XQN2+BJ5FJK	SCREW	1	
		B71	XQN2+BJ5FJK	SCREW	1	
		B72	XQN2+BJ8FJK	SCREW	1	
		B73	XQN2+BJ8FJK	SCREW	1	
		B74	XQN2+BJ8FJK	SCREW	1	
		B75	XQN2+BJ8FJK	SCREW	1	
		B76	XQN2+BJ8FJK	SCREW	1	
		B77	XQN2+BJ8FJK	SCREW	1	
		B78	XQN2+BJ8FJK	SCREW	1	
		B79	XQN2+B5FJK	SCREW	1	
		B80	XQN2+BJ5FJK	SCREW	1	
		B81	XQN2+BJ5FJK	SCREW	1	
		B82	VHD1907	SCREW	1	
		B83	XQN2+BJ6FJK	SCREW	1	
		B84	XQN2+BJ6FJK	SCREW	1	
		B85	VHD1907	SCREW	1	
		B86	XQN2+BJ6FJK	SCREW	1	
		B87	XQN2+BJ6FJK	SCREW	1	

		B101	XQN2+BJ5FJK	SCREW	1	
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Model No. : HC-X1000PP/E/EE/GC Parts List

Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		B102	XQN2+BJ5FJK	SCREW	1	
		B103	VHD1907	SCREW	1	
		B104	VHD1907	SCREW	1	
		B105	XQN2+BJ5FJK	SCREW	1	
		B106	XQN2+BJ5FJK	SCREW	1	
		B107	XQN2+BJ5FJK	SCREW	1	
		B108	XQN2+BJ5FJK	SCREW	1	
		B111	XQN16+BJ4FN	SCREW	1	
		B112	XQN16+BJ4FN	SCREW	1	
		B113	XQN16+BJ4FN	SCREW	1	
		B114	XQN16+BJ4FN	SCREW	1	
		B115	XQN16+BJ4FN	SCREW	1	
		B116	XQN16+BJ4FN	SCREW	1	
		B121	XQN2+B5FJK	SCREW	1	
		B122	XQS2+A8FJK	SCREW	1	
		B123	XQS2+A8FJK	SCREW	1	
		B124	XQS2+A8FJK	SCREW	1	
		B125	XQS2+A8FJK	SCREW	1	
		B126	XQN2+BJ6FJK	SCREW	1	
		B127	XQN2+BJ6FJK	SCREW	1	
		B131	XQN2+BJ5FJK	SCREW	1	
		B132	XQN2+BJ5FJK	SCREW	1	
		B133	XQN2+BJ5FJK	SCREW	1	
		B134	XQN2+BJ5FJK	SCREW	1	
		B135	XQN2+BJ5FJK	SCREW	1	
		B136	XQN2+BJ5FJK	SCREW	1	
		B137	XQN2+BJ5FJK	SCREW	1	
		B138	XQN2+BJ5FJK	SCREW	1	
		B139	XQN2+BJ5FJK	SCREW	1	
		B140	XQN2+BJ5FJK	SCREW	1	
		B141	XQN2+BJ5FJK	SCREW	1	
		B142	XQN2+BJ5FJK	SCREW	1	
		B143	XQN2+BJ5FJK	SCREW	1	
		B144	XQN14+B4FN	SCREW	1	
		B145	XQN14+B4FN	SCREW	1	
		B146	VHD1907	SCREW	1	
		B151	XQN16+BJ4FN	SCREW	1	
		B152	XQN2+BJ5FJK	SCREW	1	
		B153	XQN2+BJ5FJK	SCREW	1	
		B154	VHD1687	SCREW	1	
		B155	VHD1687	SCREW	1	
		B156	XQN14+BJ4FJK	SCREW	1	
		B157	XQN14+BJ4FJK	SCREW	1	
		B158	VHD1907	SCREW	1	
		B159	VHD1907	SCREW	1	
		B160	VHD1907	SCREW	1	
		B161	VHD1907	SCREW	1	
		B162	XQN2+B5FJK	SCREW	1	
		B163	XQN2+B5FJK	SCREW	1	
		B164	XQN2+B5FJK	SCREW	1	
		B165	XQN16+BJ6FN	SCREW	1	
		B166	XQN2+B5FJK	SCREW	1	
		B167	XQN2+BJ5FN	SCREW	1	
		B168	XQN2+BJ5FN	SCREW	1	
		B169	XQN2+BJ5FN	SCREW	1	
		B170	XQN2+BJ5FN	SCREW	1	
		B171	XQN2+B5FJK	SCREW	1	
		B172	XQN2+B5FJK	SCREW	1	
		B176	VHD1919	SCREW	1	
		B177	VHD1919	SCREW	1	
		B181	XQN2+BJ5FJK	SCREW	1	

		B182	XQN2+BJ5FJK	SCREW	1	
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Model No. : HC-X1000PP/E/EE/GC Parts List

Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		B183	XQN2+BJ5FJK	SCREW	1	
		B184	XQN2+BJ5FJK	SCREW	1	
		B185	XQN2+BJ5FJK	SCREW	1	
		B186	XQN16+CJ8FN	SCREW	1	
		B187	XQN16+CJ8FN	SCREW	1	
		B188	XQN16+CJ8FN	SCREW	1	
		B189	XQN16+CJ8FN	SCREW	1	
		B190	XQN16+CJ8FN	SCREW	1	
		B191	XQN16+CJ8FN	SCREW	1	
		B192	XQN16+CJ8FN	SCREW	1	
		B193	XQN16+CJ8FN	SCREW	1	
		201	SXW0089	LENS UNIT	1	
		201-1	L6HAYYYB0011	2ND STEPPING MOTOR	1	
		201-2	L6HAYYYC0056	3RD STEPPING MOTOR	1	
		201-3	L6HAYYYB0012	4TH STEPPING MOTOR	1	
		202	SXQ0154	MOS UNIT	1	
		203	SXQ0151	ND/IR KUDOU UNIT	1	
		B201	VHD2072	SCREW	1	
		B202	VHD2072	SCREW	1	
		B203	VHD2072	SCREW	1	
		B204	VHD2072	SCREW	1	
		B205	VHD2072	SCREW	1	
		B206	VHD2072	SCREW	1	
		B207	VHD2072	SCREW	1	
		B208	VHD2072	SCREW	1	
		B209	VHD2072	SCREW	1	
		B210	VHD2072	SCREW	1	
		B211	VHD2072	SCREW	1	
		B212	VHD2072	SCREW	1	
	⚠	303	K2CA2CA00025	AC CABLE	1	PP
	⚠	304	K2CB2YY00106	AC CABLE	1	PP
	⚠	305	K2CQ2YY00117	AC CABLE	1	E,EE,GC
	⚠	306	K2CQ2YY00117	AC CABLE	1	E,EE,GC
	⚠	307	K2CT2YY00095	AC CABLE	1	E,GC
	⚠	308	K2CT2YY00095	AC CABLE	1	E,GC
	⚠	309	K2CJ2YY00052	AC CABLE	1	GC
	⚠	310	K2CJ2YY00052	AC CABLE	1	GC
	⚠	311	VSK0725A	AC ADAPTOR	1	PP
	⚠	311	VSK0726B	AC ADAPTOR	1	E,EE,GC
	⚠	312	DE-A88BE/S	BATTERY CHARGER	1	PP
	⚠	312	DE-A88DD/S	BATTERY CHARGER	1	E,EE,GC
	⚠	313	-----	BATTERY PACK	1	PP
	⚠	313	-----	BATTERY PACK	1	E,EE,GC
		314	K2KYYY00245	USB CABLE	1	
		315	K1HY19YY0024	HDMI MINI CABLE	1	
		321	SYA0019	EYE CUP	1	
		322	VYC1144	MIC HOLDER ADAPTOR UNIT	1	
		322-1	XSB4+12FJK	SCREW	1	
		322-2	XSB4+12FJK	SCREW	1	
		323	SYA0021	MIC HOLDER UNIT	1	
		323-1	VYC1146	MIC HOLDER	1	
		323-2	VJF1468	XLR CAP	1	
		323-3	VJF1468	XLR CAP	1	
		324	VFC4897	SHOULDER BELT	1	
	⚠	325	SQT0477	OPERATING INSTRUCTIONS (ENGLISH/FR ENCH/SPANISH)	1	PP
	⚠	325	SQT0478	OPERATING INSTRUCTIONS (ENGLISH)	1	E,GC

		325	SQT0479	OPERATING INSTRUCTIONS (GERMAN/FRENCH/ITALIAN)	1	E
		325	SQT0480	OPERATING INSTRUCTIONS (SPANISH/DUTCH/SWEDISH)	1	E

Model No. : HC-X1000PP/E/EE/GC Parts List

Change	Safety	Ref. No.	Part No.	Part Name & Description	Q'ty	Remarks
		325	SQT0481	OPERATING INSTRUCTIONS (POLISH/CZECH/HUNGARIAN)	1	E
		325	SQT0482	OPERATING INSTRUCTIONS (RUSSIAN/UKRAINIAN)	1	EE
		325	SQT0483	OPERATING INSTRUCTIONS (ARABIC)	1	GC
		326	VPF1545	BAG, POLYETHYLENE	1	
		331	VPK5145	ACCESSORY BOX	1	
		332	VPN7319	PAD (ACCESSORY BOX)	1	
		333	SPN0174	PAD	1	
		334	SPN0160	CUSHION (TOP)	1	
		335	VPF1486	PROTECT BAG	1	
		336	SPN0161	CUSHION (BOTTOM)	1	
		337	SYQ0278	PACKING CASE UNIT	1	PP
		337	SPG0094	PACKING CASE	1	E, EE, GC