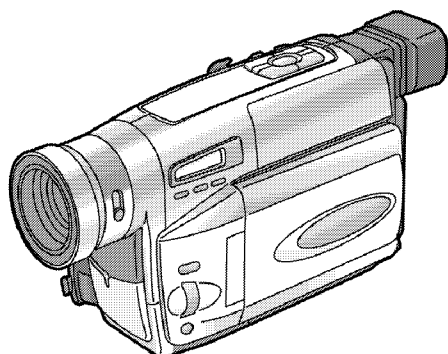


Service Manual

VHS-C Movie

Panasonic **VHS-C**
NTSC
NV-VZ18GC
NV-VZ18GCS
 Z12-MECHANISM


ITEM	SPECIFICATION	ITEM	SPECIFICATION
POWER	Source: Battery ; 7.2V DC AC Adaptor ; 11.0V DC Consumption (Battery Operation): 3.4 W (When using finder) 4.6 W (When using LCD Monitor)	MONITOR	2.4-inch Colour LCD Monitor
		VIEWFINDER	0.24-inch Electronic Viewfinder
		STANDARD ILLUMINATION	1,400 lx
		OPERATING TEMPERATURE	0°C-40°C
TAPE FORMAT	VHS-C Cassette	OPERATING HUMIDITY	10%-80%
RECORDING/ PLAYBACK TIME	LP ; 2 hour with EC60	WEIGHT	Approx. 900 g (without Battery)
VIDEO	Television system: CCIR; 625 lines, 50 fields PAL colour signal Output level: VIDEO OUT (PHONO); 1.0Vp-p, 75 Ω terminated	DIMENSIONS	Approx. 88 (W) X 118 (H) X 241 (D) mm
		AC ADAPTOR	Power Source: AC 110-240 V, 50/60 Hz Power Consumption: 14W DC Output: DC 11.0 V, 1.0 A Weight: Approx. 125 g (without AC Mains Lead) Dimensions: Approx. 60 (W) X 32 (H) X 97 (D) mm
AUDIO	Output level/Impedance: AUDIO OUT (PHONO) -6 dBV (47k Ω loaded)/less than 1k Ω Audio Track: 1 track (Normal-Monaural)		AC Adaptor and AC Mains Lead Battery Pack Remote Controller and Batteries Cassette Adaptor and Battery Shoulder Strap Lens Cap
CAMERA	Image sensor: 1/6 inch CCD image sensor Lens: 18:1 Power Zoom Lens (Optical capability) F1.8 Focal Length; 3.1-55.8mm Digital AI Auto Focus/Auto Iris Finder diameter; 37mm	STANDARD ACCESSORIES	
		SOLDER	This model uses lead free solder (PbF)

Weight and dimensions are approximate.
Specifications are subject to change without notice.

Panasonic

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⚠ 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 INTRODUCTION

1.1. INTRODUCTION

This service manual contains technical information which will be allowed service personnel's to understand and service this model. Please use part number on the parts list to make order for spare part and do not use reference number on the drawing. If the circuit is changed or modified, this information will be followed by supplement service manual.

Note 1:

The service manual for Mechanism-Chassis is separated as another one.

Please refer to the following manual for detail of adjustment procedure for Mechanism-Chassis.

Order number for service manual of Mechanism-Chassis : VMD0201001C8

as for Replacement parts, refer to the parts list listed on the service manual.

1.2. ABOUT LEAD FREE SOLDER (PbF)

Caution:

- Pb free solder has a higher melting point than standard solder, Typically the melting point is 50-70°F (30-40°C) higher.
Please use a high temperature soldering iron. In case of soldering iron with temperature control, please set it to 700±20°F (370±10°C)
- Pb free solder will tend to splash when heated too high (about 1100°F/600°C).

When soldering or unsoldering, please completely remove all of the solder on the pins or solder area, and be sure to heat the soldering points with the Pb free solder until it melts enough.

2 SERVICE CAUTION

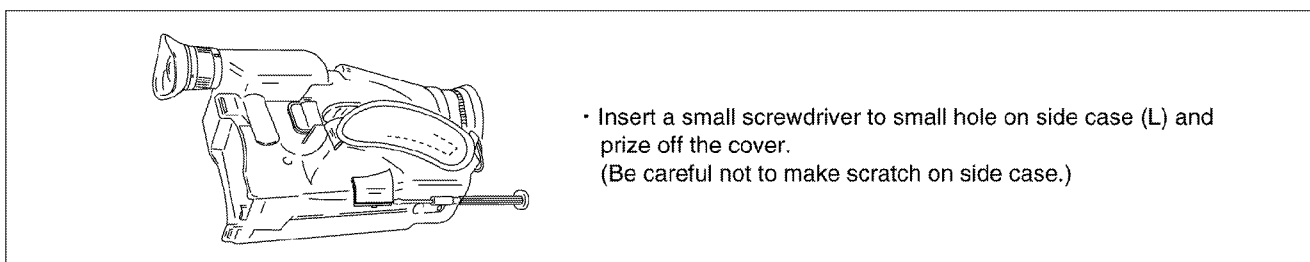
2.1. SERVICE EXTENSION CABLES

This model is required the following extension cables for all connections.

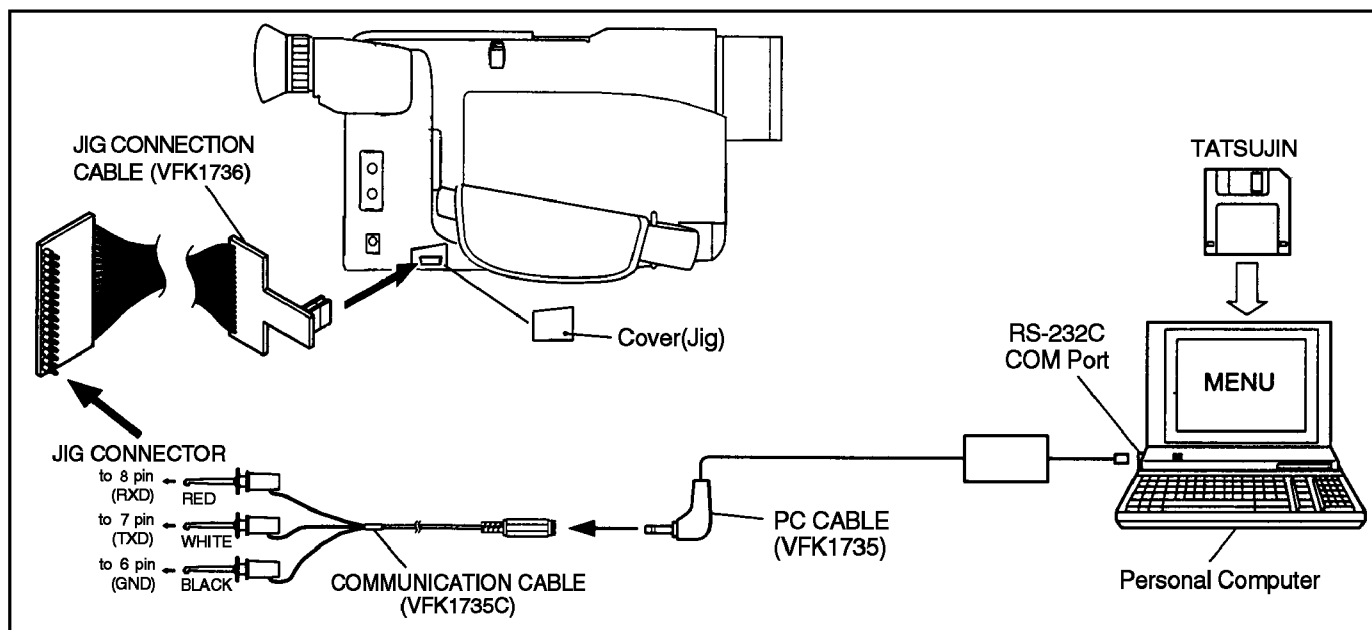
No.	Parts No.	Pin	Part name	Connection	Q'ty	Remarks
1	VFK1738A1025 & VFK1737A10CB	10	Flat Cable & Extention Board	CN1-Drum Motor	1	
2	VFK1738A1025 & VFK1737A10CB	10	Flat Cable & Extention Board	CN9031-Front	1	
3	VFK1738A1425 & VFK1737A14CB	14	Flat Cable & Extention Board	CN2-Sensor	1	
4	VFK1738A1425 & VFK1737A14CB	14	Flat Cable & Extention Board	CN22-CCD	1	
5	VFK1738A1825 & VFK1737A18CB	18	Flat Cable & Extention Board	CN3-Capstan Motor	1	
6	VFK1739	2	Wire Cable	CN4-Loading Motor	1	
7	VFK1739	2	Wire Cable	CN8-Mic	1	
8	VFK1739	2	Wire Cable	CN27-Speaker	1	
9	VFK1738A1125 & VFK1737A11CB	11	Flat Cable & Extention Board	CN5-Video Head	1	
10	VFK1738A1125 & VFK1737A11CB	11	Flat Cable & Extention Board	CN7-AC Head	1	
11	VFK1738A2225 & VFK1737A22CB	22	Flat Cable & Extention Board	CN15-Lens	1	
12	VFK1738A2025 & VFK1737A20CB	20	Flat Cable & Extention Board	CN9012-EVF B/W	1	
13	VFK1738A1625 & VFK1737A16CB	16	Flat Cable & Extention Board	CN9013-Top Operation at Side case(L)	1	
14	VFK1738A1325 & VFK1737A13CB	13	Flat Cable & Extention Board	CN9018-Side Operation at Side case(R)	1	

2.2. SET-UP FOR ADJUSTMENT OF TATSUJIN

For adjustment of “TATSUJIN”, please open the small cover which is located at bottom of side case(L) using small screwdriver as follows.



And then connect the JIG board and TATSUJIN cable as follows.



3 SERVICE INFORMATION

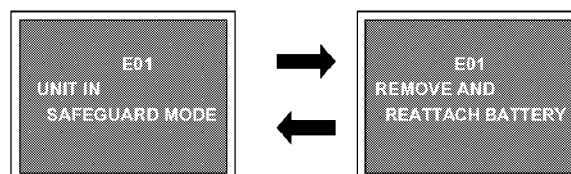
3.1. EMAGENCY DISPLAY

Whenever some abnormal signal is input to the mechacon CPU, an error number (E01, as an example) is displayed in the electronic view finder.

In every error status, such the message as shown below alternately appear over and over.

- In an emagency mode, all operations except turning on/off the POWER switch are ineffectual.

Example (in case of the error number E01):



E.VF	Symptom	Mode when observed	Resulting mode
E07	Short circuit of capstan MDA	Power ON	Power OFF
E06	CAPSTAN FG input absent	EDIT	Power OFF
E04	DRAM FF input absent	DRAM rotation	Power OFF
E03	SUPPLY REEL FG input absent	REC, PLAY, SERCH, FF	UNLOADING→Power OFF
E02	Mode control motor retates for more than 10 sec without shift to next mode	UNLOADING	Power OFF
E01	Mode control motor retates for more than 10 sec without shift to next mode	LOADING	Power OFF
E00	Overtime the programming transaction	REC, PLAY	Power OFF

3.2. INSERTING THE BUTTON-TYPE BATTERY

Before setting the data and time, insert the button-type battery (supplied).

1 Open the Side Case (L) Unit.

2 Replace the battery to new one.

- Before inserting or removing the button-type battery, be sure to set the [CAMERA/OFF/VCR] Switch to [OFF].
- When you remove the button-type battery, be careful not to drop it.

- **Keep the button-type battery out of the reach of children.**
- Make sure you insert the battery with its poles correctly aligned.
- The internal clock works even when the Movie Camera is turned off, and it consumes power from the button-type battery.

Note:

The lithium battery is a critical component.

It must never be subjected to excessive heat or discharge.

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

Replacement batteries must be of the 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 equipment manufacturer.

Discard used batteries according to manufacture's instructions.

(For French)

PRECAUTION

Le fait de remplacer incorrectement la pile peut présenter des risques d'explosion.

Remplacer la pile uniquement par une pile identique ou de type équivalent recommandée par le fabricant. Se débarrasser des piles usagées conformément aux instructions du fabricant.

(For German)

VORSICHT

Bei einer falsch eingesetzten Batterie besteht Explosionsgefahr. Nur mit einer vom Hersteller empfohlenen Batterie vom gleichen Typ ersetzen.

Verbrauchte Batterien beim Fachhändler oder einer Sammelstelle für Sonderstoffe abliefern.

(For Swedish)

VARNING

Explosionsfara vid felaktigt batteribyte.

Använd samma batterityp eller en ekvivalent typ som rekommenderas av apparatillverkaren.

Kassera använt batteri enligt fabrikantens instruktion.

(For Norwegian)

ADVARSEL!

Lithiumbatteri-Eksplosionsfare ved feilagtig håndtering.

Udskiftning må kun ske med batteri af samme fabrikat og type.

Levér det brugte batteri tilbage til leverandøren.

(For Finnish)

VAROITUS

Paristo voi räjähtää, jos se on virheellisesti asennettu.

Vaihda paristo ainoastaan laitevalmistajan suosittelemaan tyyppiin.

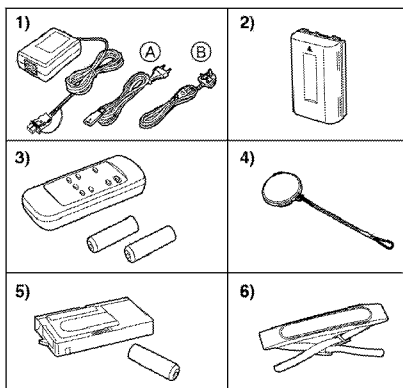
Hävitä käytetty paristo valmistajan ohjeiden mukaisesti.

4 GENERAL DESCRIPTION

Before Use

Standard Accessories

Illustrated are accessories supplied with the Movie Camera.



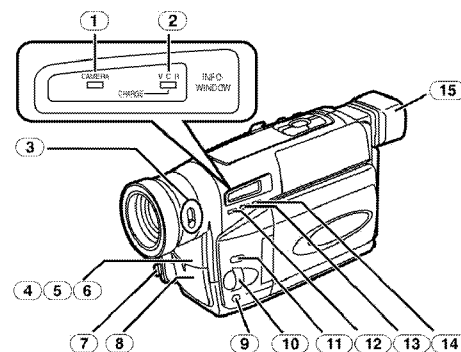
- 1) **AC Adaptor and AC Mains Lead**
 - A NV-VZ18GC
 - A/B NV-VZ18GCS
- 2) **Battery Pack**
- 3) **Remote Controller and Batteries for Remote Controller**
- 4) **Lens Cap**
- 5) **Cassette Adaptor and Battery**
- 6) **Shoulder Strap**
 - Standard Accessories are subject to change without notice.

Optional Accessories

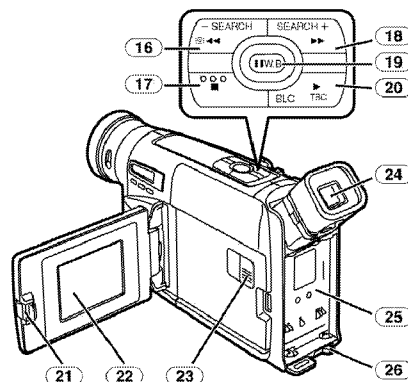
- 1) **Battery Charger (VW-BCV1E)**
- 2) **Battery Pack (Lithium-Ion) (CGR-V14S)**
- 3) **Battery Pack (Lithium-Ion) (CGR-V26S)**
- 4) **ND Filter (VW-LND37E)**
- 5) **MC Protector (VW-LMC37E)**
- 6) **Tele Conversion Lens (VW-LT3714ME)**
- 7) **Wide Conversion Lens (VW-LW3707ME)**
- 8) **Tripod (VZ-CT55E)**
- 9) **Cassette Adaptor (VW-TCA7E)**
- 10) **IR/Video DC Light (Halogen & Infra-red) (VZ-LDR10E)**
 - It requires the Shoe Adaptor for attaching to the Movie Camera.
- 11) **Shoe Adaptor (for attaching the IR/Video DC Light) (VW-SK11E)**
 - Optional Accessories are subject to change without notice.
 - Some optional accessories may not be available in some countries.

Controls and Components

Movie Camera



- 1) **Camera Mode Lamp [CAMERA]**
- 2) **VCR Mode/Charging Lamp [VCR]/[CHARGE]**
- 3) **0-Lux Recording Switch [0 LUX OFF/ON]**
- 4) **White Balance Sensor**
- 5) **Remote Control Sensor**
- 6) **Built-in Infra-red Beam Emitters**
- 7) **Lens Cap Holder**
- 8) **Microphone**
- 9) **Focus Button [FOCUS]**
Item Set Button [SET]
Tracking Button
- 10) **Multi-Function Dial [▲▼]/[MF]/[TRACKING]/[EXPOSURE]**
- 11) **Menu Button [MENU]**
- 12) **Auto Exposure Selector Button [PROG. AE]**
- 13) **Fade Button [FADE]**
- 14) **Super Image Stabilizer Button [SIS]**
- 15) **Eyecup**



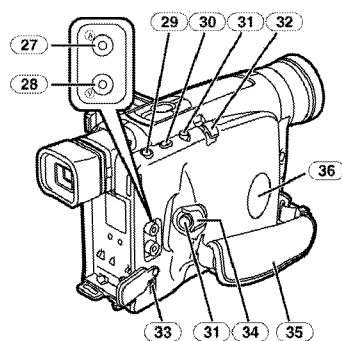
- 16) **Rewind/Review Button [◀◀]**
Reverse Search Button [-SEARCH]
Recording Check Button [Ⓢ]
- 17) **Stop Button [■]**
- 18) **Fast Forward/Cue Button [▶▶]**
Forward Search Button [SEARCH+]
- 19) **White Balance Button [W.B]**
Pause Button [||]
- 20) **Play Button [▶]**
Backlight Button [BLC]
TBC Button [TBC]
- 21) **LCD Monitor Open Lever [▲OPEN]**

22 LCD Monitor

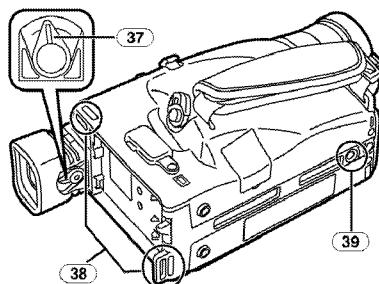
Due to limitations in LCD production technology, there may be some tiny bright or dark spots on the LCD Monitor screen. However, this is not a malfunction and does not affect the recorded picture.

23 Cassette Compartment Lock Button [LOCK]**24 Viewfinder**

Due to limitations in LCD production technology, there may be some tiny bright or dark spots on the Viewfinder screen. However, this is not a malfunction and does not affect the recorded picture.

25 Battery Holder**26 Battery Eject Lever [◀BATTERY EJECT]****27 Audio Output Socket [A]****28 Video Output Socket [V]****29 Cassette Eject Button [▲EJECT]****30 Date/Time/Title Button [DATE/TITLE]****31 Recording Start/Stop Button**

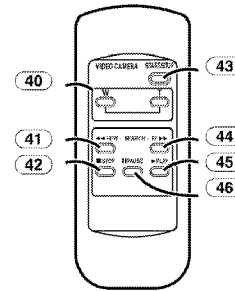
- Use either of these buttons depending on the recording angle.

32 Zoom Lever [W/T]**Volume Adjustment Lever [–VOL+]****33 DC Input Socket [DC IN]****34 Off/On Mode Selector Switch [CAMERA/OFF/VCR]****35 Grip Belt****36 Speaker****37 Eyepiece Corrector Knob****38 Shoulder Strap Holders****39 Tripod Receptacle**

- Used for mounting the Movie Camera on an optional tripod.

Remote Controller

The buttons with the same mark as on the Movie Camera generally have the same function.

**40 Zoom Buttons [W/T]****41 Rewind/Review Button [◀◀]**

- To start review playback.
- To rewind the tape.
- To activate the Camera Search Function.
- To activate the Recording Check Function.

42 Stop Button [■]**43 Recording Start/Stop Button [START/STOP]****44 Fast Forward/Cue Button [▶▶]**

- To start cue playback.
- To fast-forward the tape.
- To activate the Camera Search Function.

45 Playback Button [▶]**46 Pause Button [||]**

5 ADJUSTMENT PROCEDURES

5.1. DISASSEMBLY PROCEDURES

Flow-Chart for Disassembly Procedure

No.	Item/Part	Fig.	Removal (Screw)
1	Side Case (L) Unit	Fig.1	3-Screws (A) 1-Screw (A')
		Fig.2	1-Screw (B) 1-Screw (C) 1-Screw (D) 1-Screw (E) 2-Screws (F)
		Fig.3	Locking Tab (a) Slightly open the Side Case (L) Unit. Disconnect CN27 and CN9013.
2	Front Case Unit	Fig.4	3-Locking Tabs (b) Disconnect CN8 and CN9031.
3	Main C.B.A.	Fig.5	2-Screw (G) Disconnect the following connectors. CN1, CN2, CN3, CN4, CN5, CN7, CV15, CN16, CN22, CN9012, CN9013, CN9018
4	Cassette Cover Unit	Fig.6	1-Screw (H)
5	Rear Case Unit	Fig.7	1-Screw (K) 2-Locking Tabs (c)
6	EVF Unit	Fig.8	2-Screws (L)
7	Lens Unit	Fig.9	2-Screws (M)
8	Mechanism Unit	Fig.10	2-Screws (N) 3-Screws (O)
		Fig.11	2-Screws (P) 1-Screws (Q)
9	Main Frame Unit	Fig.6	1-Screw (I) 2-Screws (J)
		Fig.12	7-Locking Tabs (d)
10	LCD Unit NV-VZ75 only	Fig.13	Remove the Sheet. 3-Screws (R) 1-Screw (S) 1-Screw (T) 2-Screws (U) Remove the Monitor Assy.
		Fig.14	2-Screws (V) 1-Screw (W) Remove the Monitor Cover. 1-Screw (X) Disconnect CN7603. Remove the Monitor C.B.A., Sheet (Reflect), Light Screen, Lamp, Diffusion Sheet, LCD Frame, LCDModule and Shield Case.
		Fig.14	1-Screw (Y) Remove the Lock Spring and Lock Lever.
11	Back light Unit	Fig.15 337	Remove the Polarization Sheet. Remove the LCD Terminal Rubber and Fluorescent Lump.

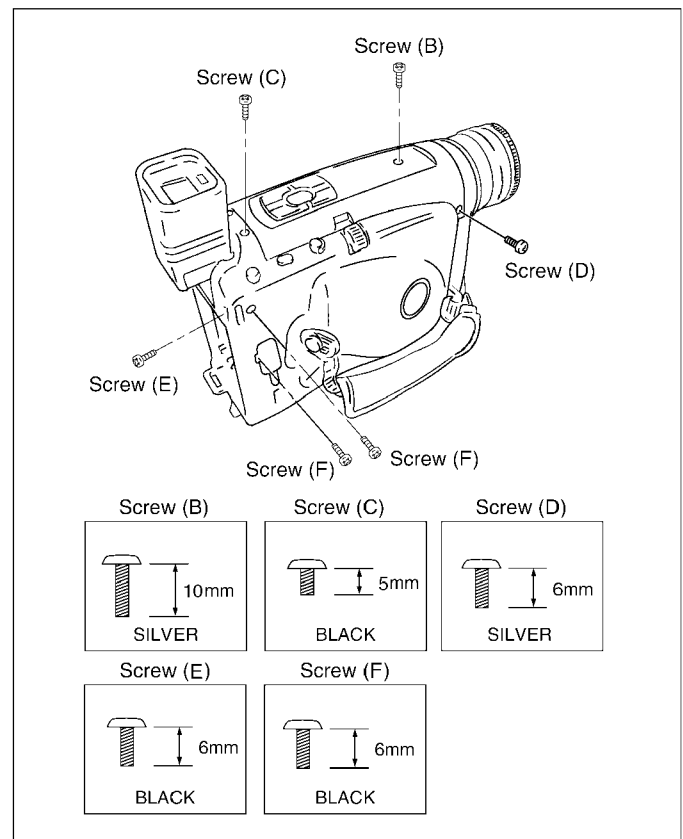


Fig.2

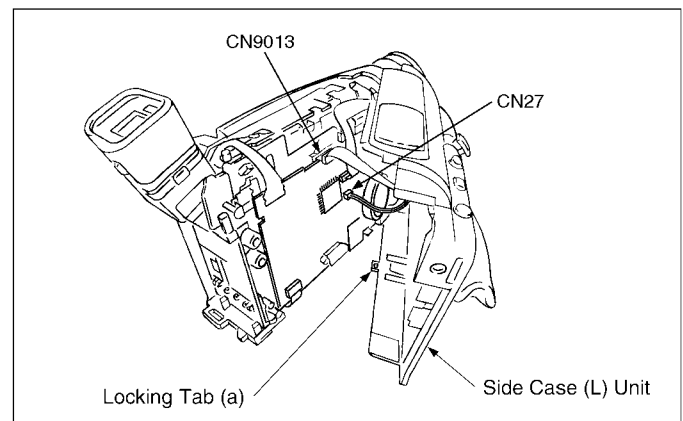


Fig.3

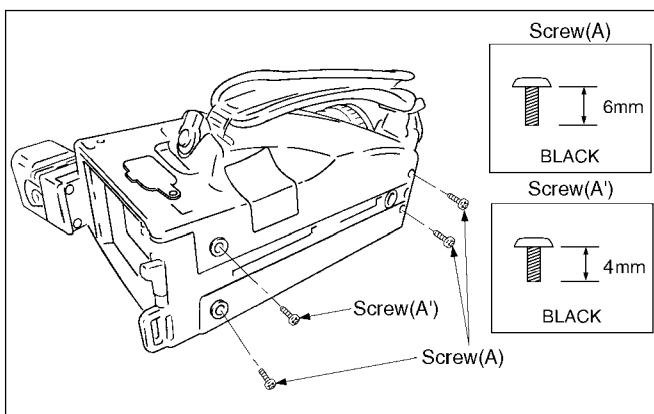
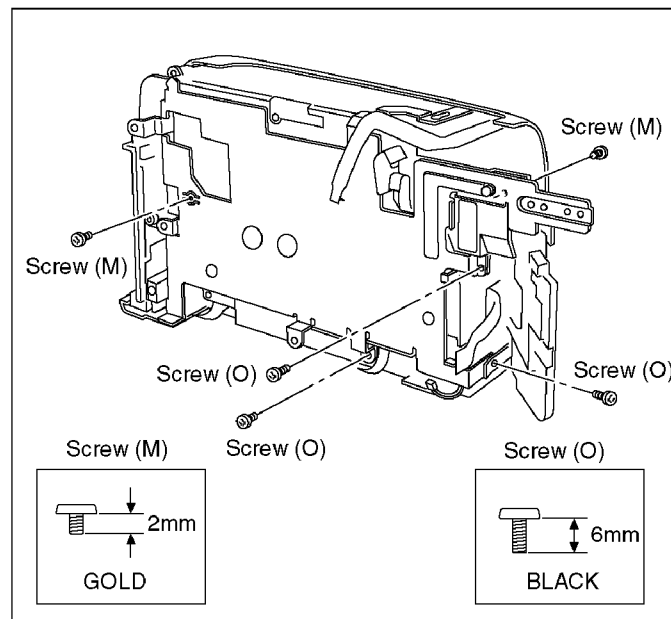
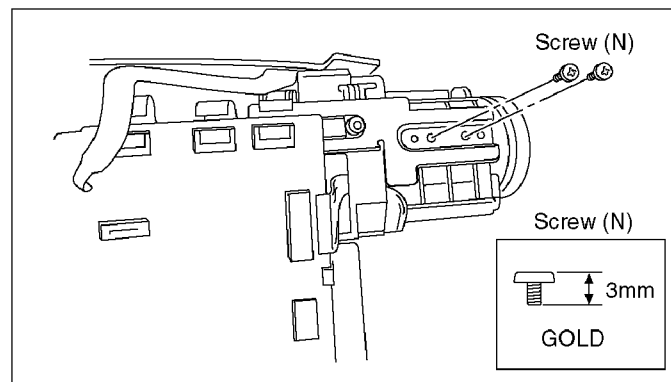
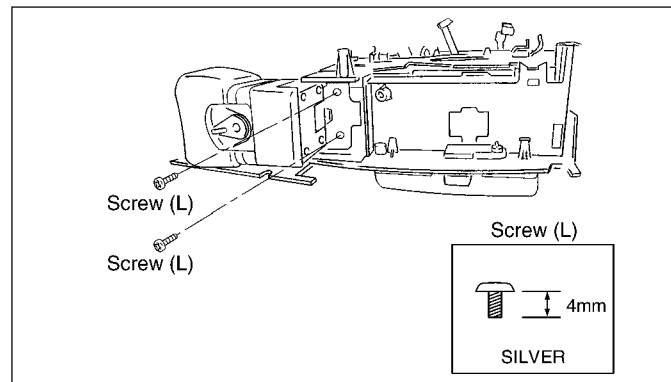
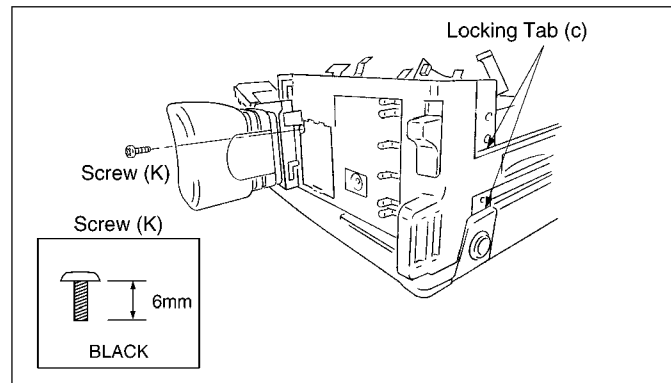
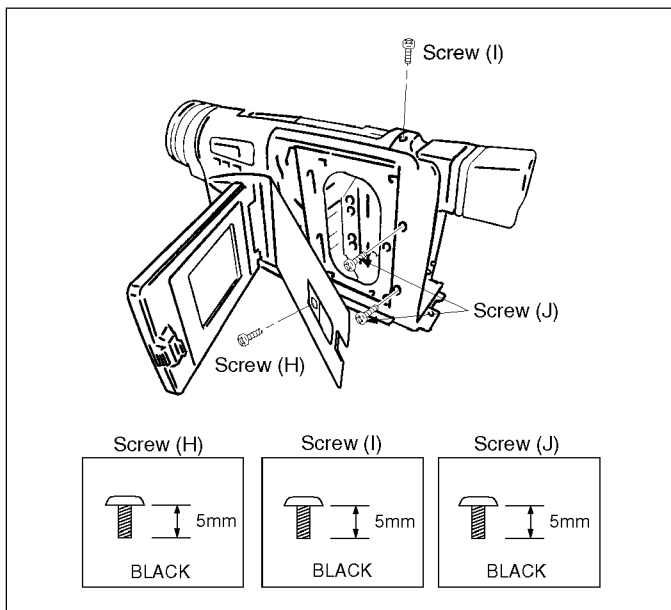
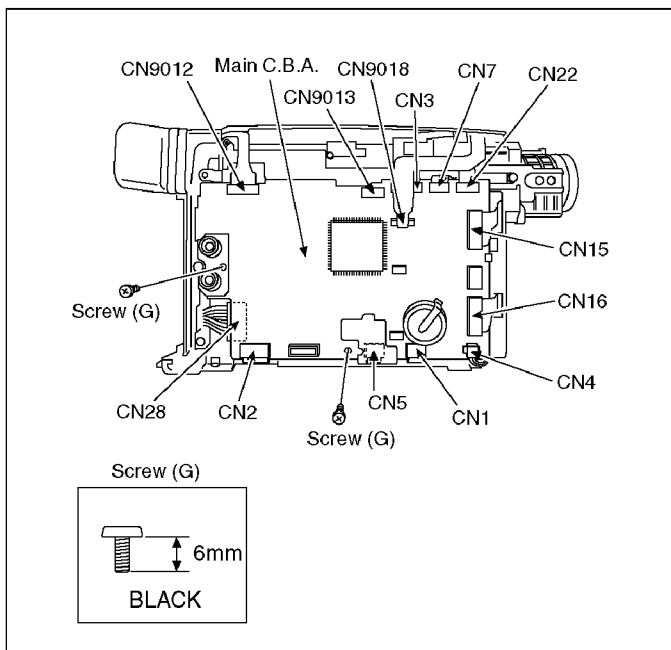
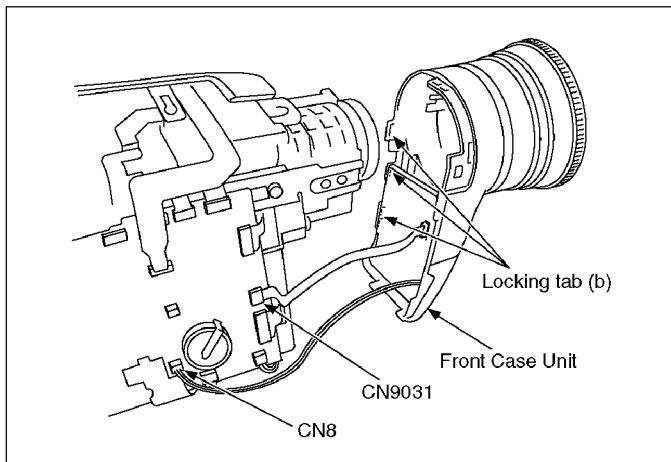


Fig.1



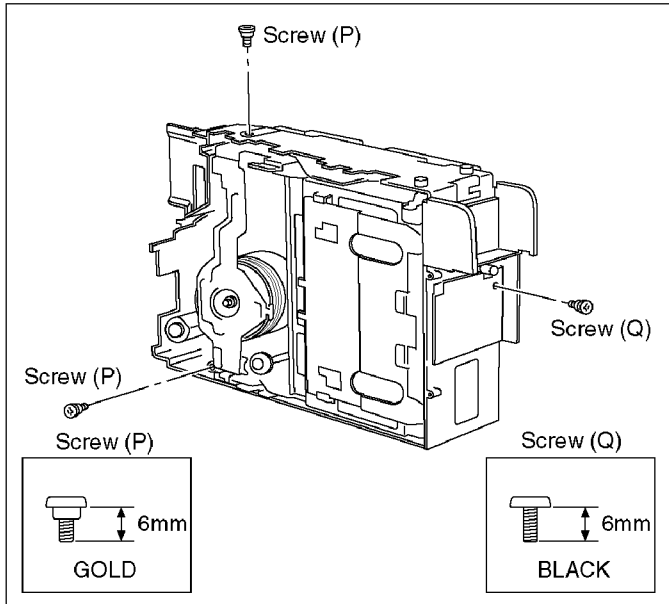


Fig.11

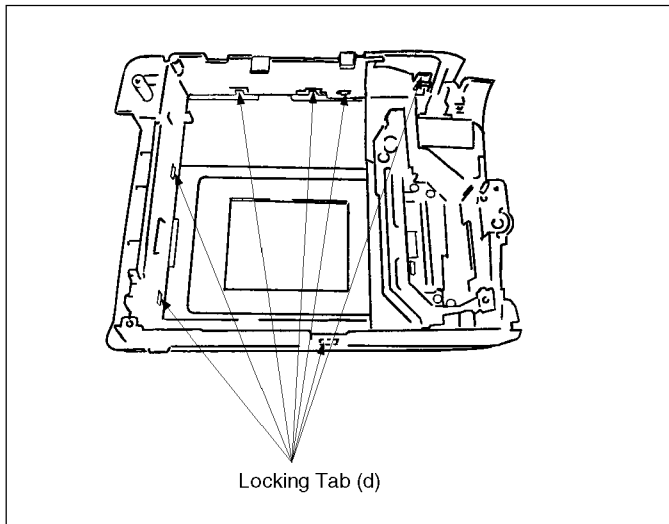


Fig.12

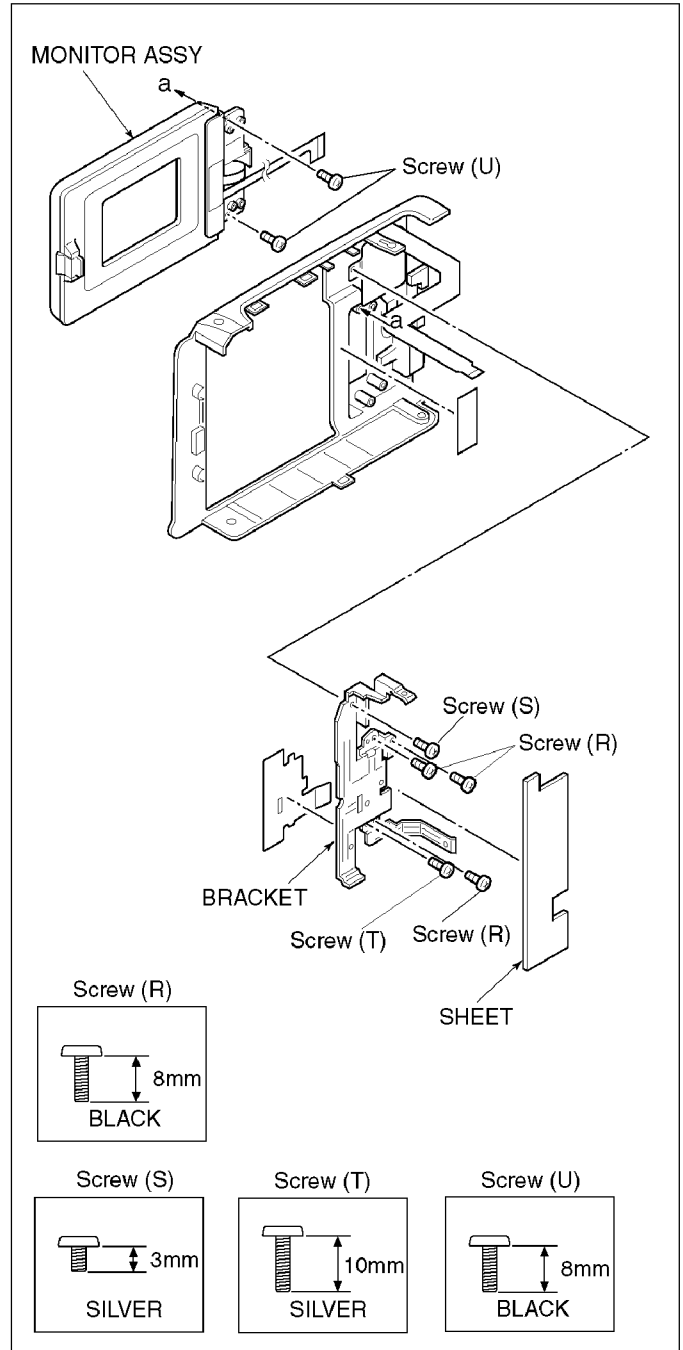


Fig.13

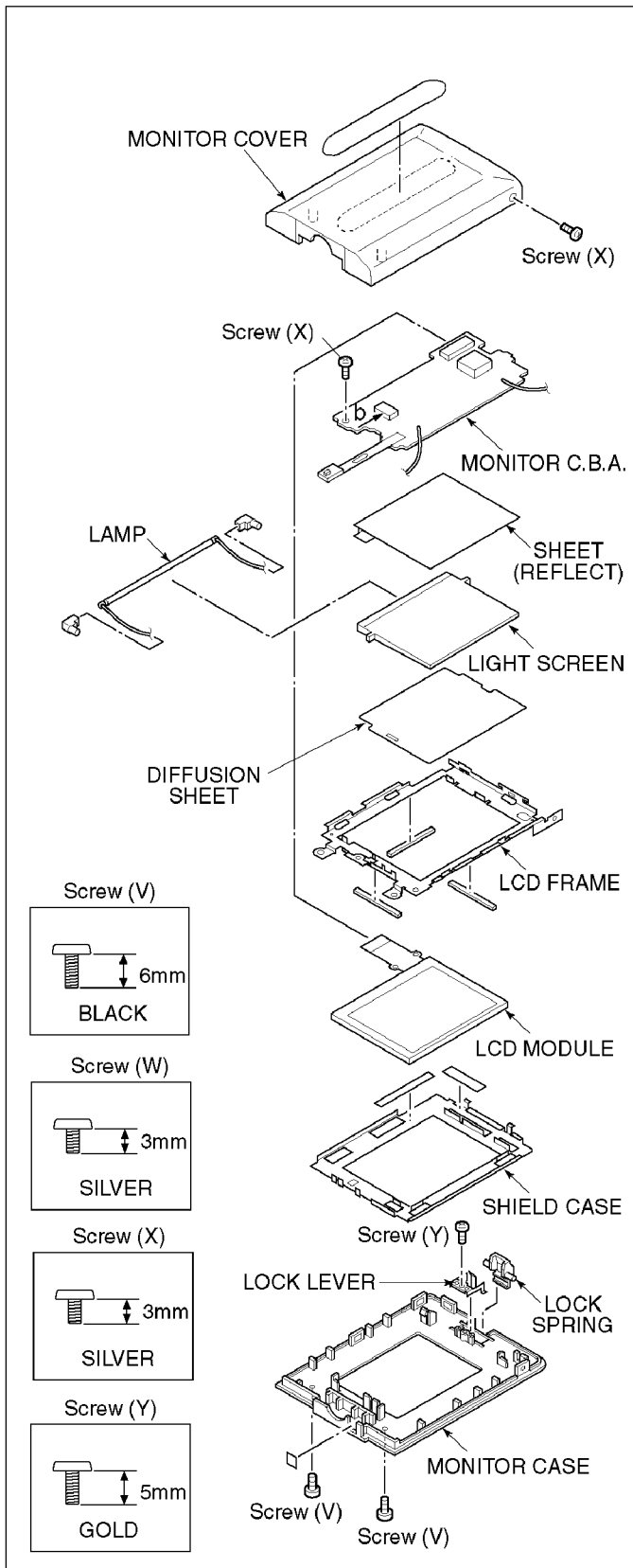


Fig.14

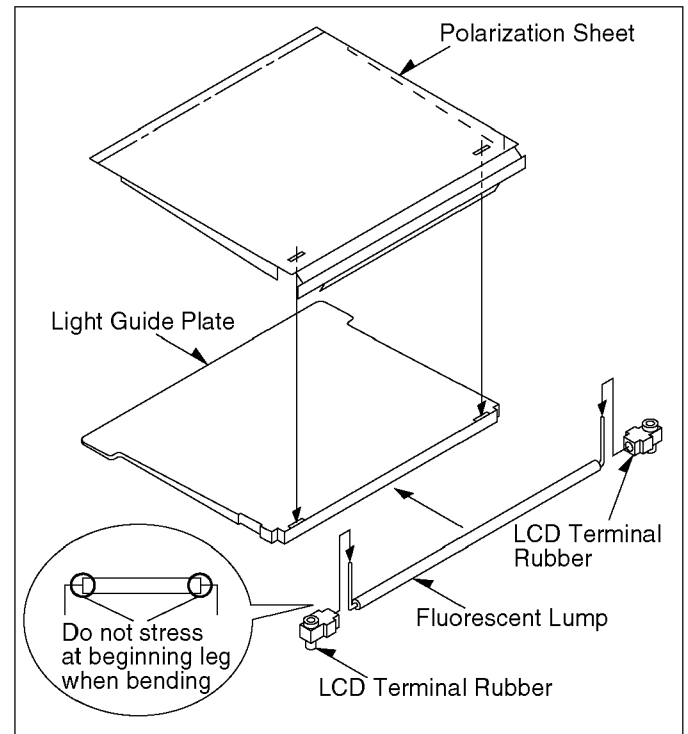


Fig.15

5.2. DISASSEMBLY PROCEDURES OF LENS UNIT

- The following flowchart describes order or steps for removing the lens units and certain printed circuit boards in order to make access to the item needing service.
- To reassemble the unit follow the steps in reverse order.

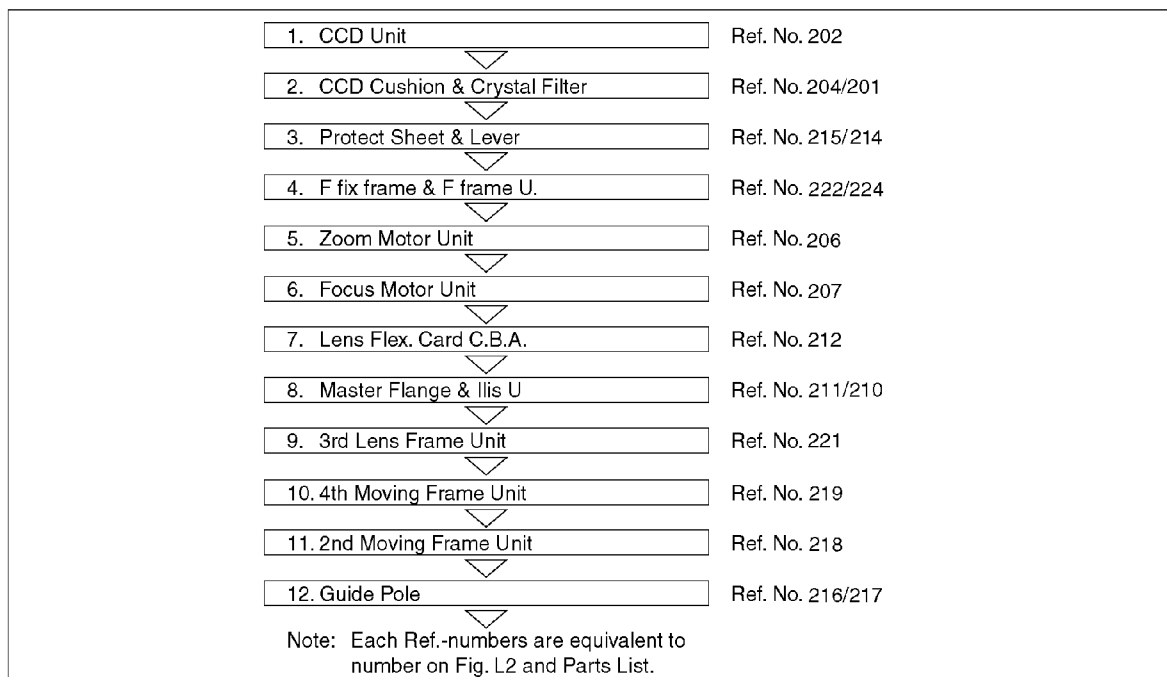


Fig. L1

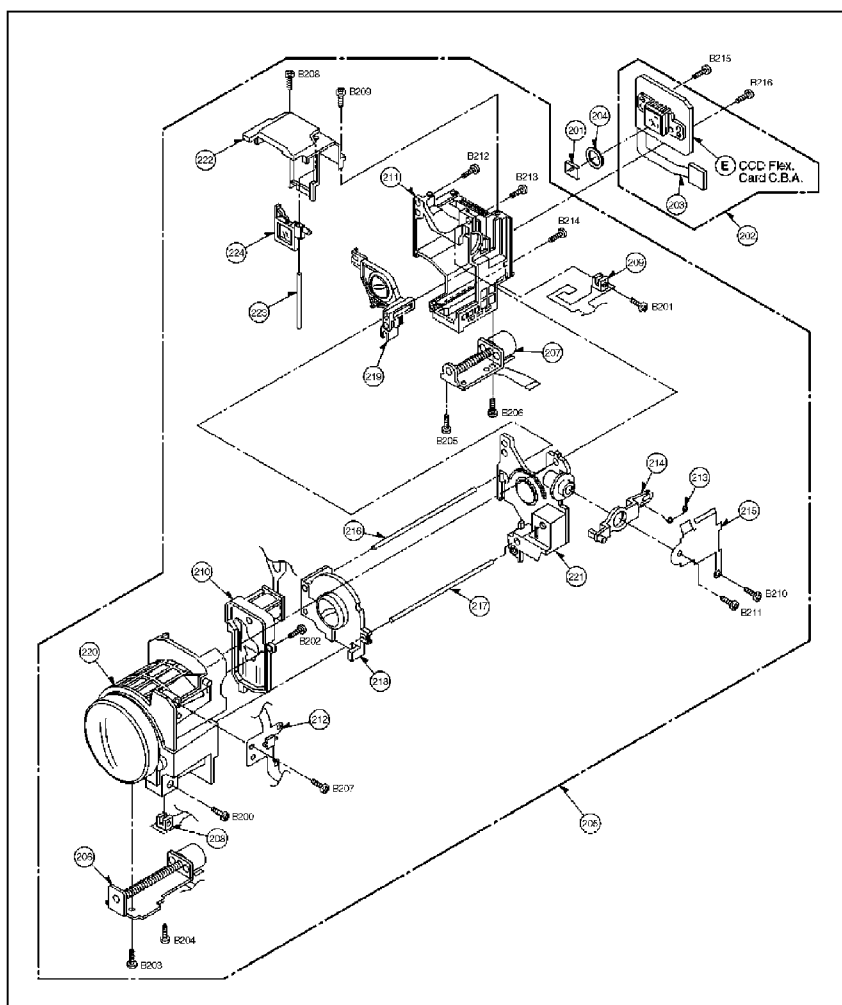
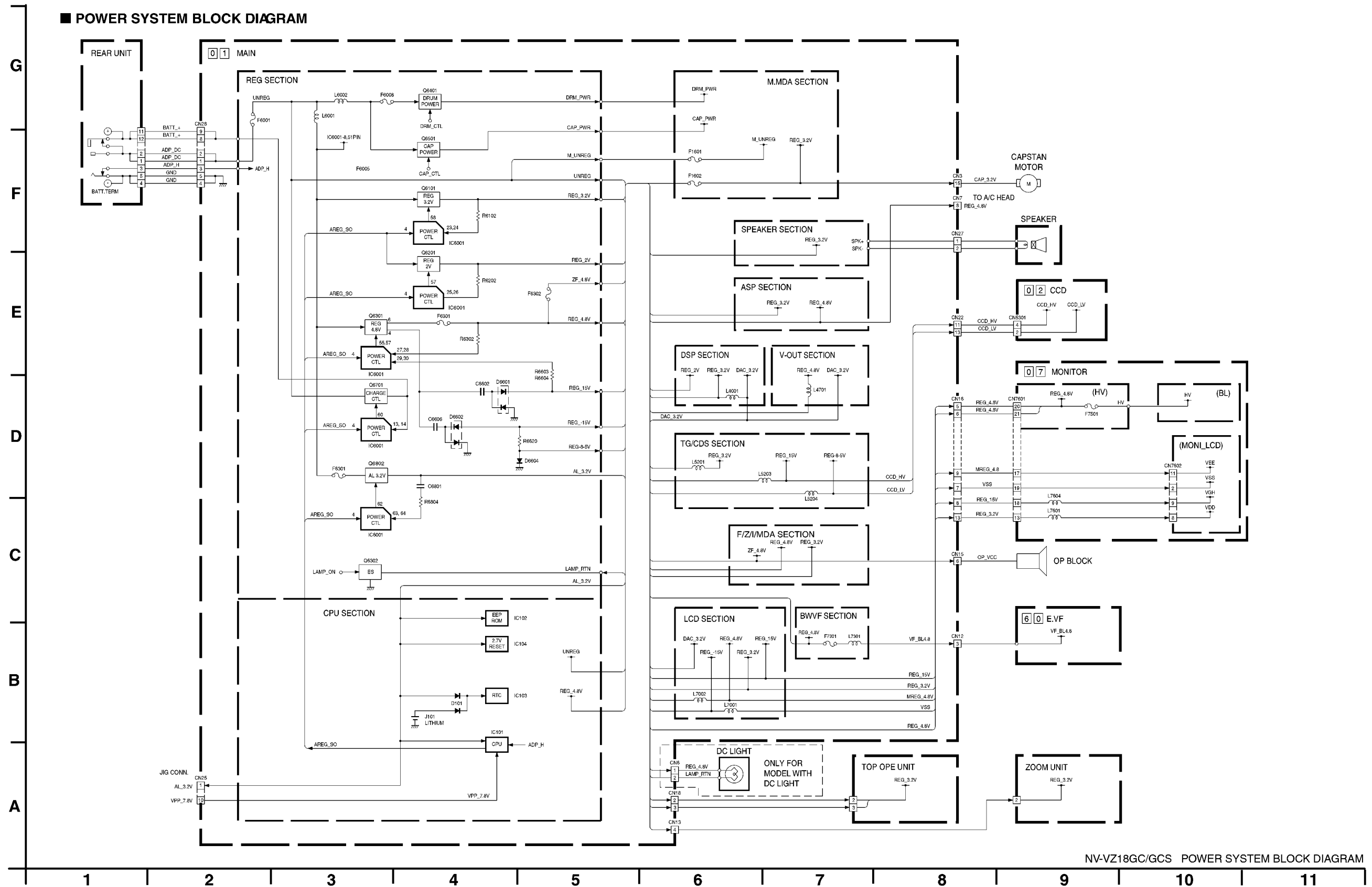


Fig. L2

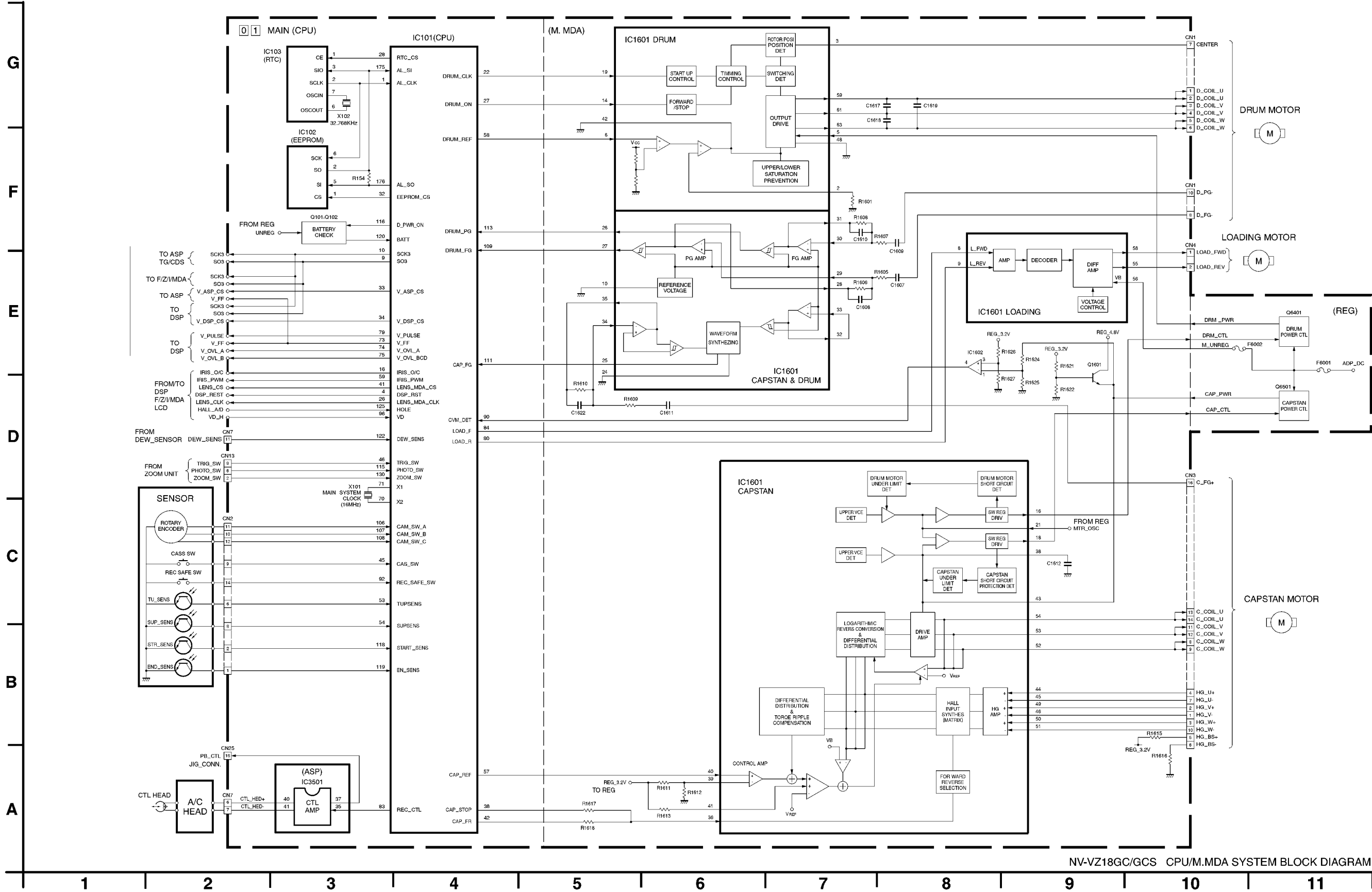
6 BLOCK DIAGRAMS

6.1. POWER SYSTEM BLOCK DIAGRAM



6.2. CPU/MDA SYSTEM BLOCK DIAGRAM

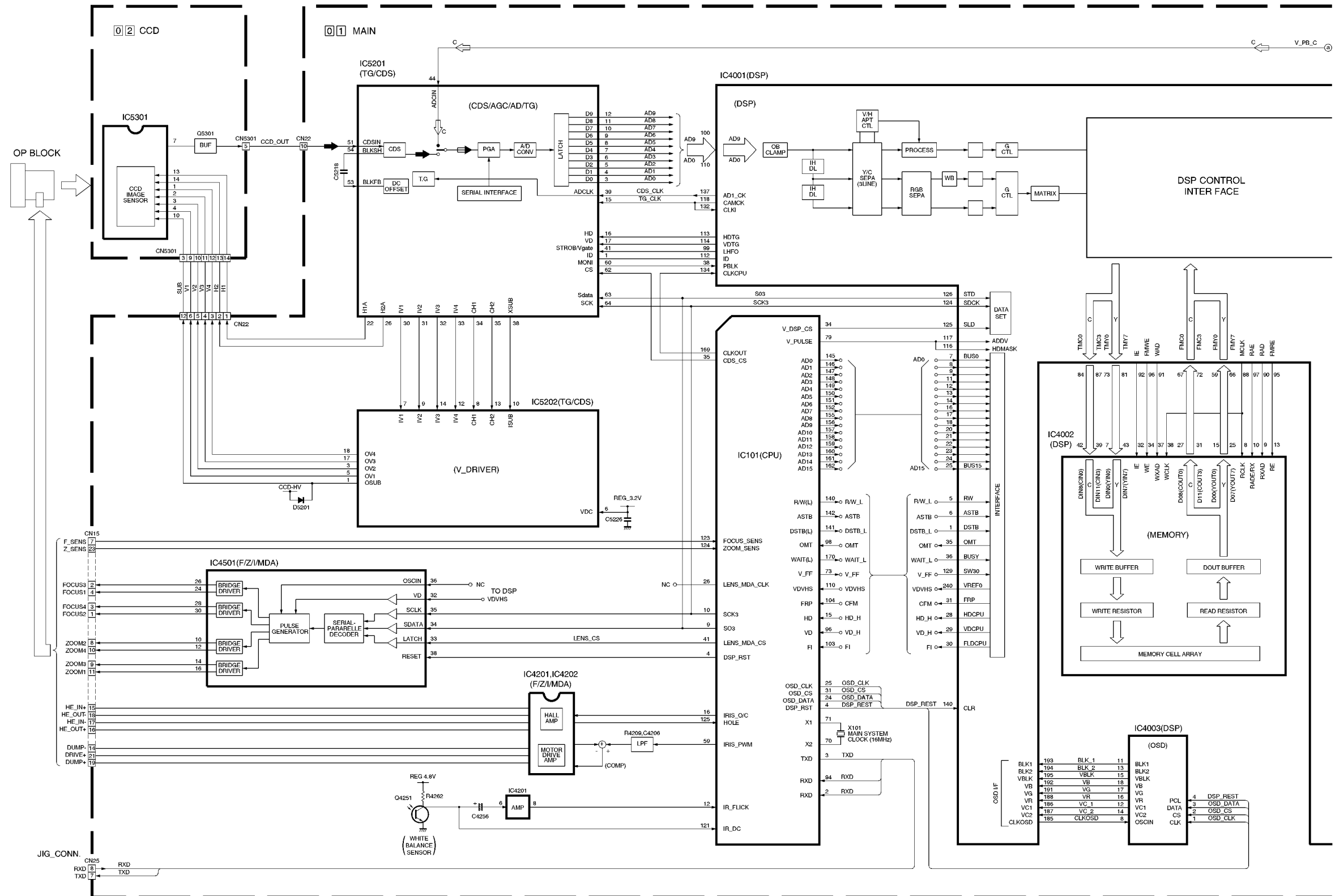
■ CPU/M.MDA SYSTEM BLOCK DIAGRAM



NV-VZ18GC/GCS CPU/M.MDA SYSTEM BLOCK DIAGRAM

6.3. CAMERA AND Y/C SYSTEM BLOCK DIAGRAM

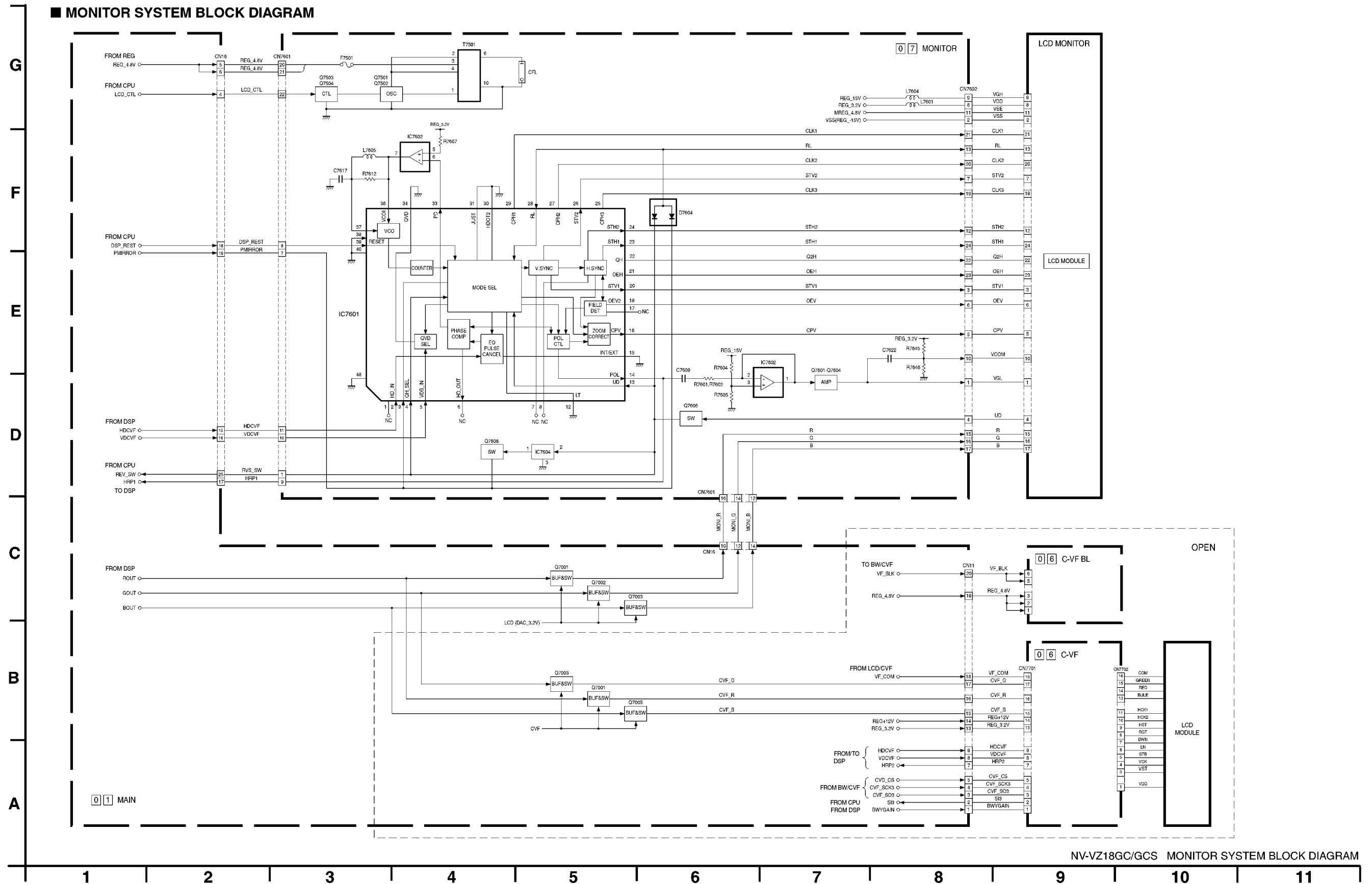
CAMERA AND Y/C SYSTEM BLOCK DIAGRAM (1/2)



NV-VZ18GC/GCS CAMERA AND Y/C SYSTEM BLOCK DIAGRAM

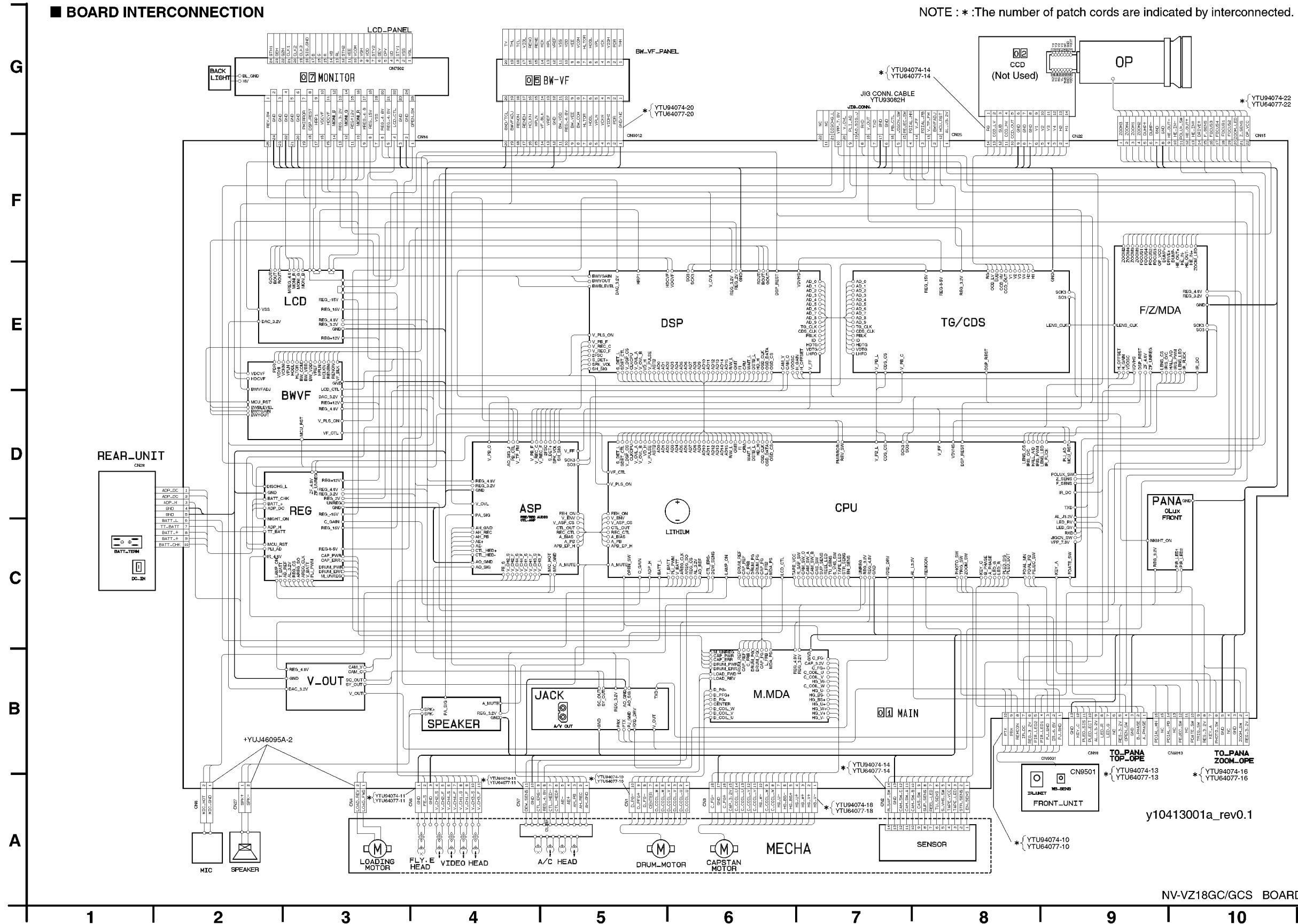
NV-VZ18GC/GCS CAMERA AND Y/C SYSTEM BLOCK DIAGRAM

6.4. MONITOR SYSTEM BLOCK DIAGRAM



7 SCHEMATIC DIAGRAMS

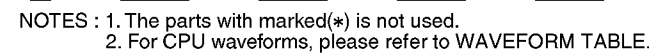
7.1. BOARD INTERCONNECTIONS



NV-VZ18GC/GCS BOARD INTERCONNECTIONS

NOTES : ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "BOARD INTERCONNECTIONS".

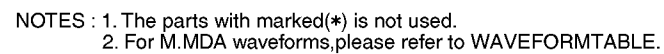
● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.



y10414001a_rev0.1

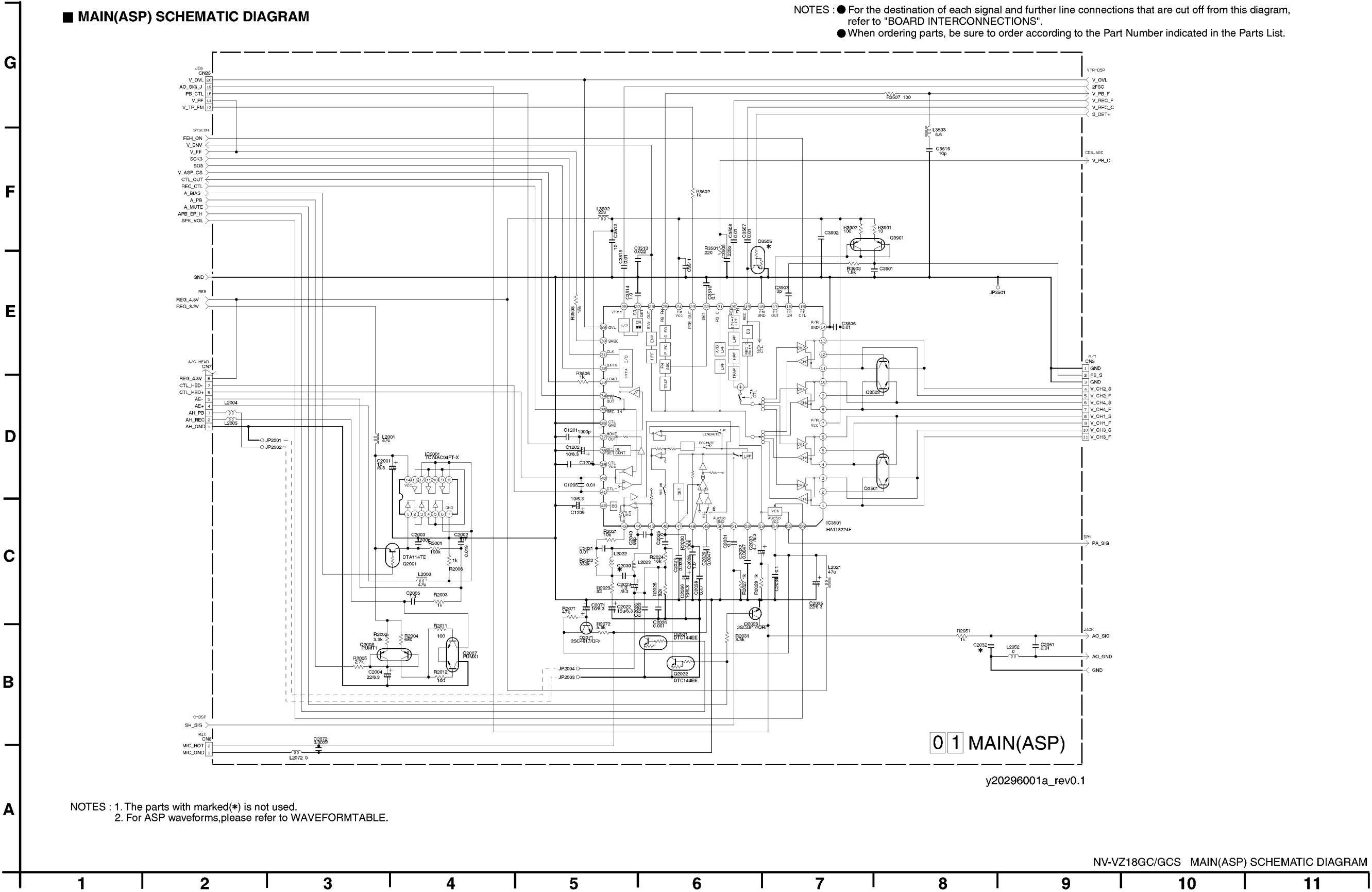
NV-VZ18GC/GCS MAIN(CPU) SCHEMATIC DIAGRAM

NOTES : ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "BOARD INTERCONNECTIONS".
● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.



NV-VZ18GC/GCS MAIN(M.MDA) SCHEMATIC DIAGRAM

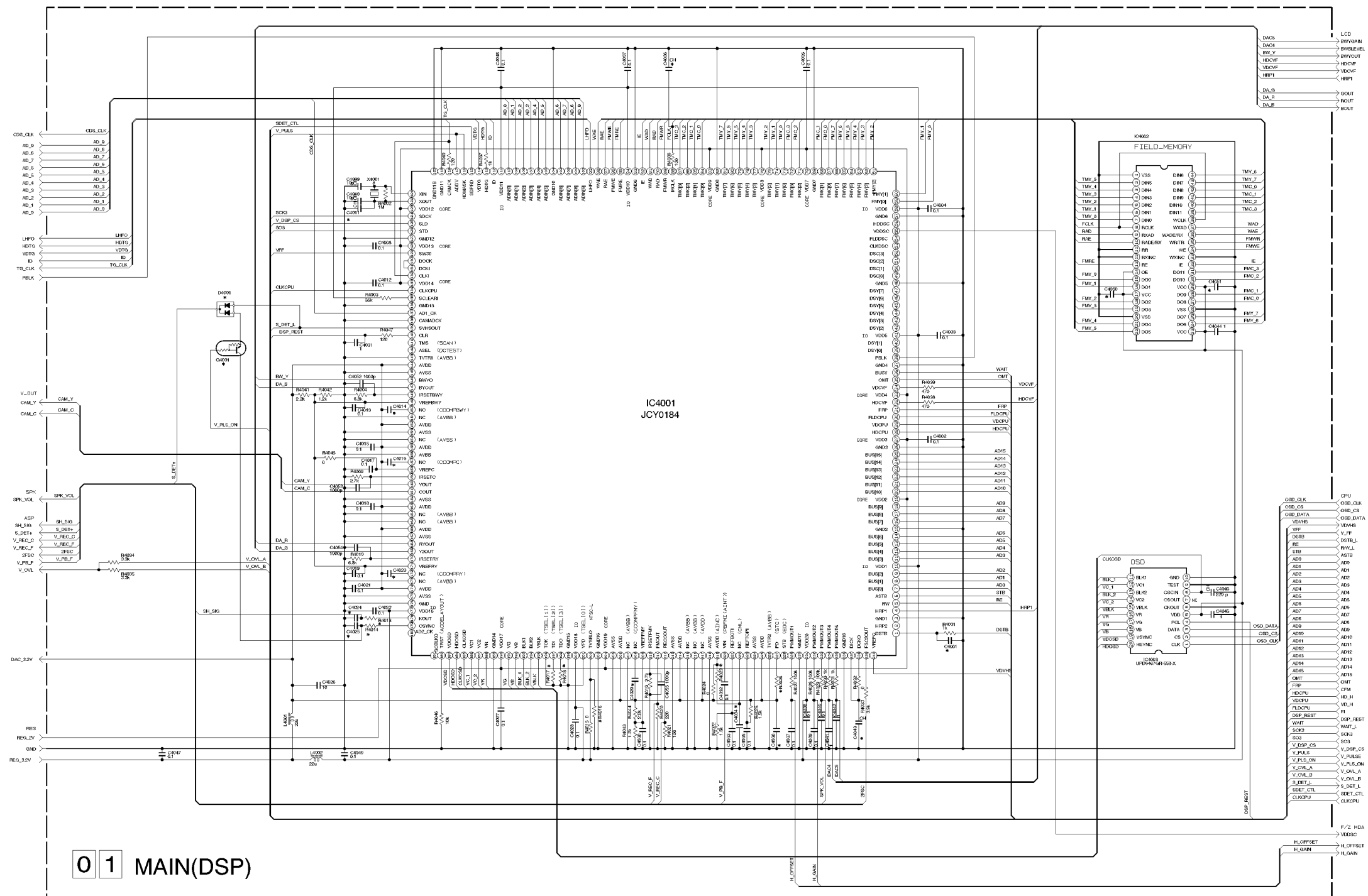
7.4. ASP SCHEMATIC DIAGRAM



7.5. DSP SCHEMATIC DIAGRAM

■ MAIN(DSP) SCHEMATIC DIAGRAM

NOTES : ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "BOARD INTERCONNECTIONS".
● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.

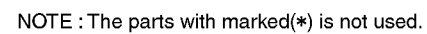


y10443001a_rev0.1

NOTES : 1. The parts with marked(*) is not used.
2. For DSP waveforms, please refer to WAVEFORM TABLE.

NV-VZ18GC/GCS MAIN(DSP) SCHEMATIC DIAGRAM

NOTES : ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "BOARD INTERCONNECTIONS".
● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.

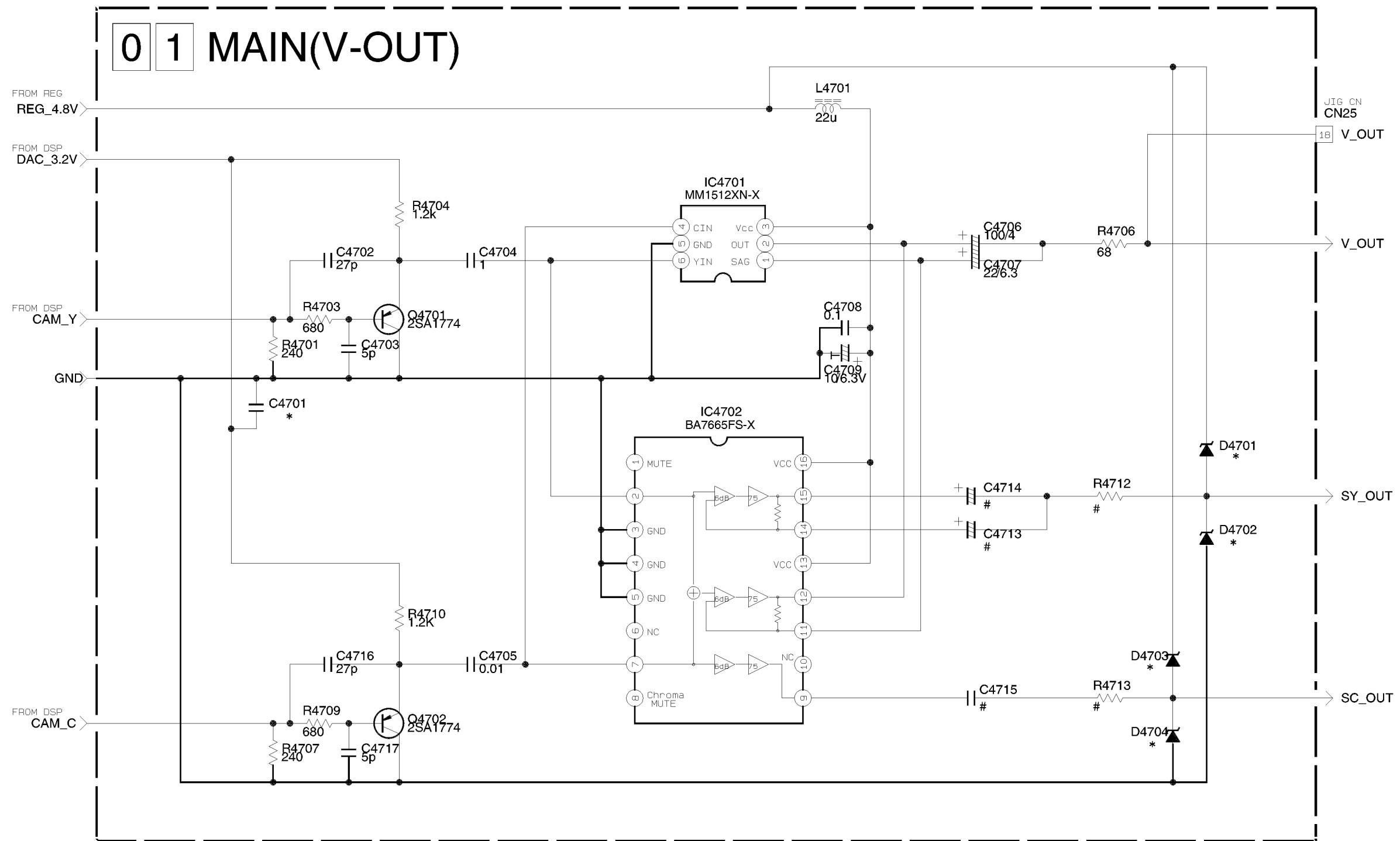


y20299001a_rev0.1

7.7. V OUT SCHEMATIC DIAGRAM

■ MAIN(V-OUT) SCHEMATIC DIAGRAM

NOTES : ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "BOARD INTERCONNECTIONS".
● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.



NOTES : 1. The parts with marked(*) is not used.
2. For V-OUT waveforms, please refer to WAVEFORM TABLE.

y30257001a_rev0.1

NV-VZ18GC/GCS MAIN(V-OUT) SCHEMATIC DIAGRAM



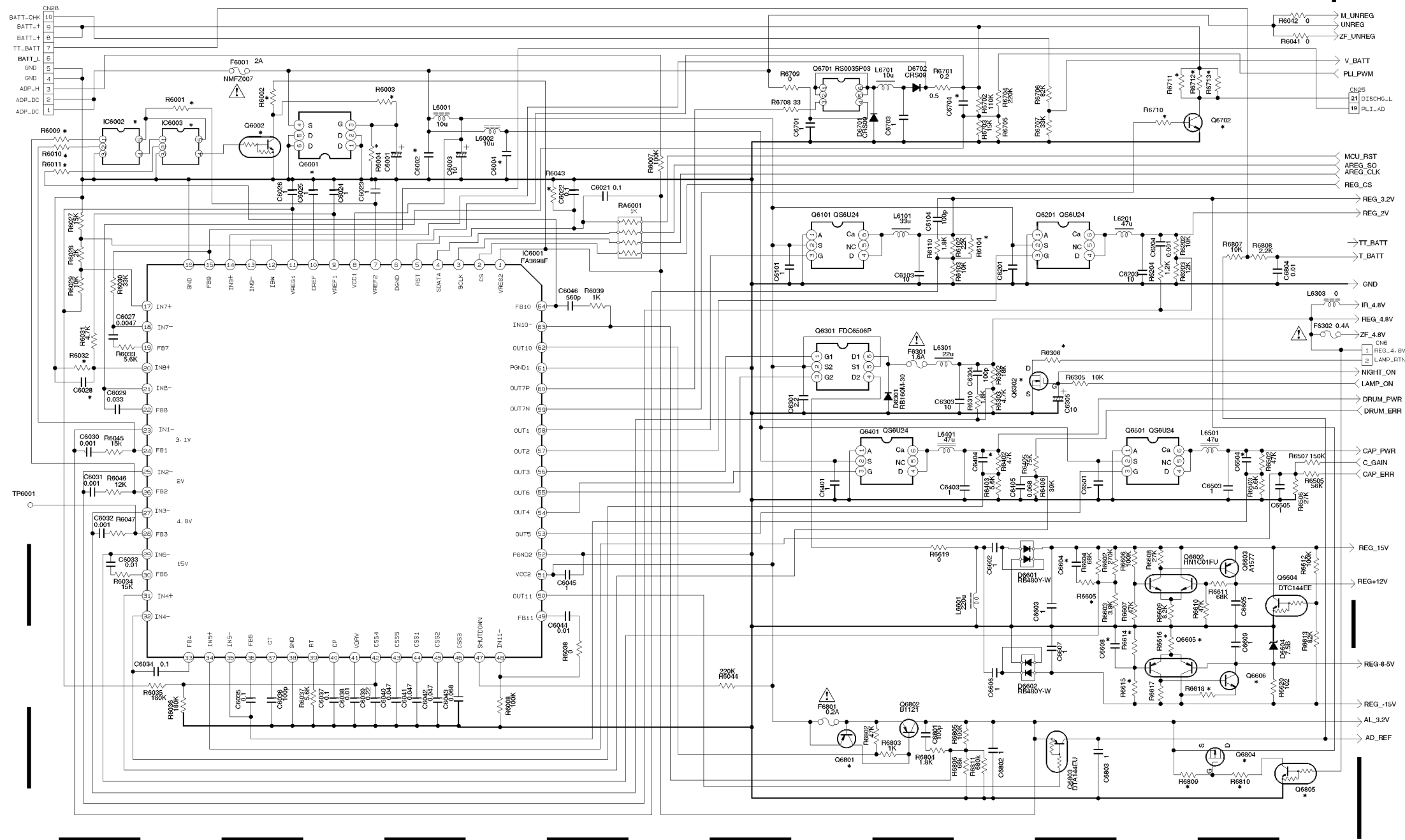
7.9. REG SCHEMATIC DIAGRAM

■ MAIN(REG) SCHEMATIC DIAGRAM

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.

NOTES : ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "BOARD INTERCONNECTIONS".
● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.

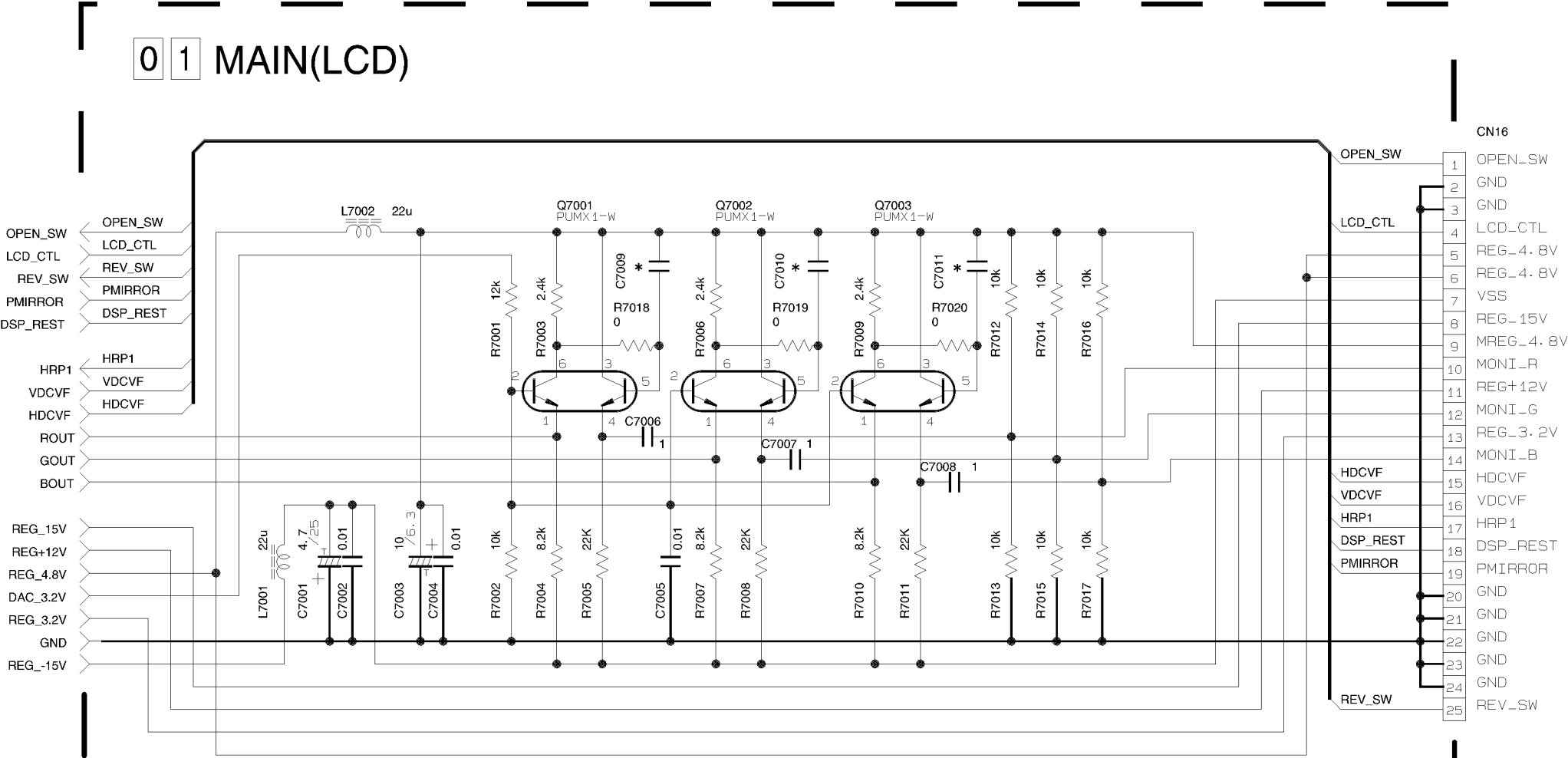
01 MAIN(REG)



7.10. LCD SCHEMATIC DIAGRAM

MAIN(LCD) SCHEMATIC DIAGRAM

NOTES : ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "BOARD INTERCONNECTIONS".
● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.

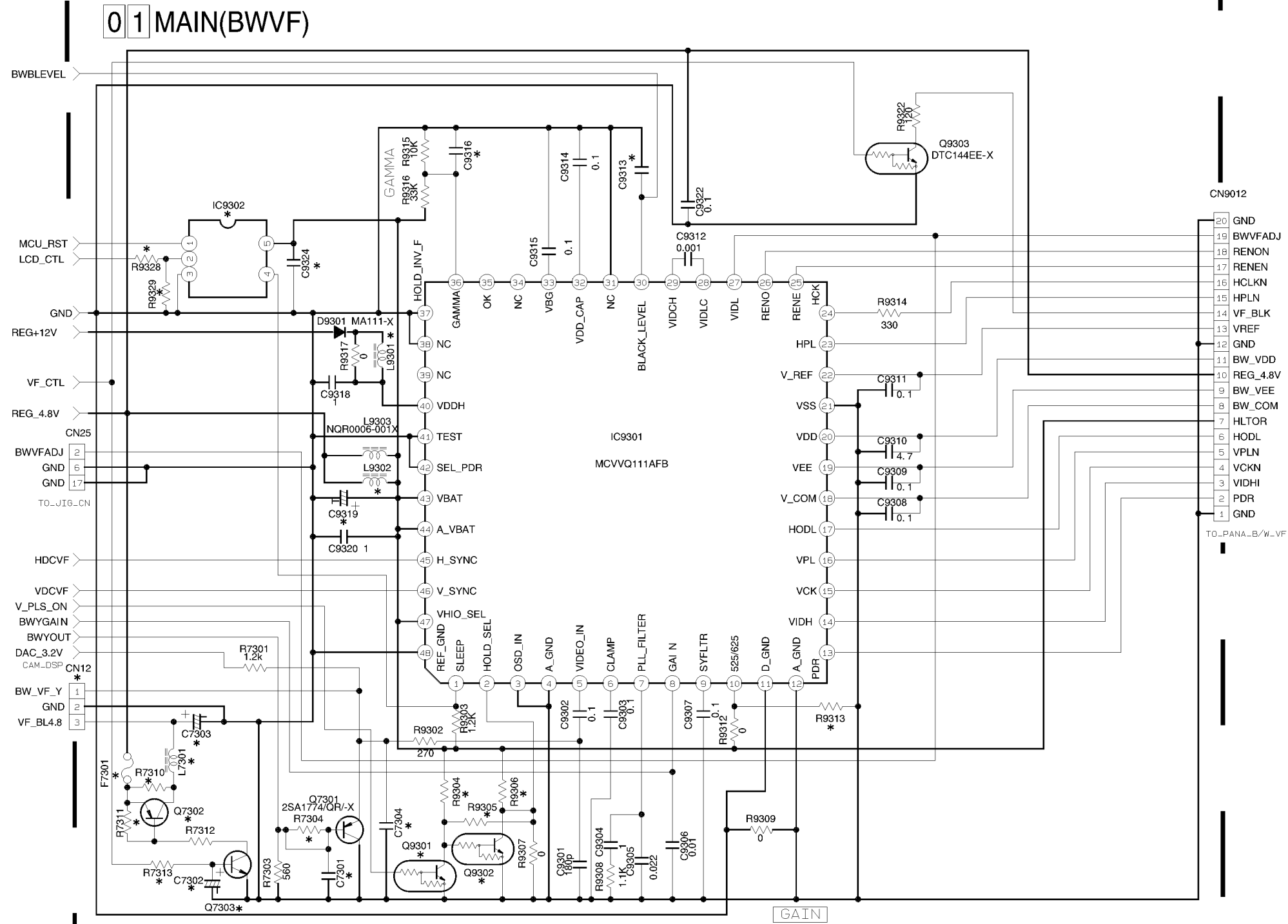


NOTE : The parts with marked(*) is not used.

7.11. BWVF SCHEMATIC DIAGRAM

■ MAIN(BWVF) SCHEMATIC DIAGRAM

NOTES : ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "BOARD INTERCONNECTIONS".
● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.



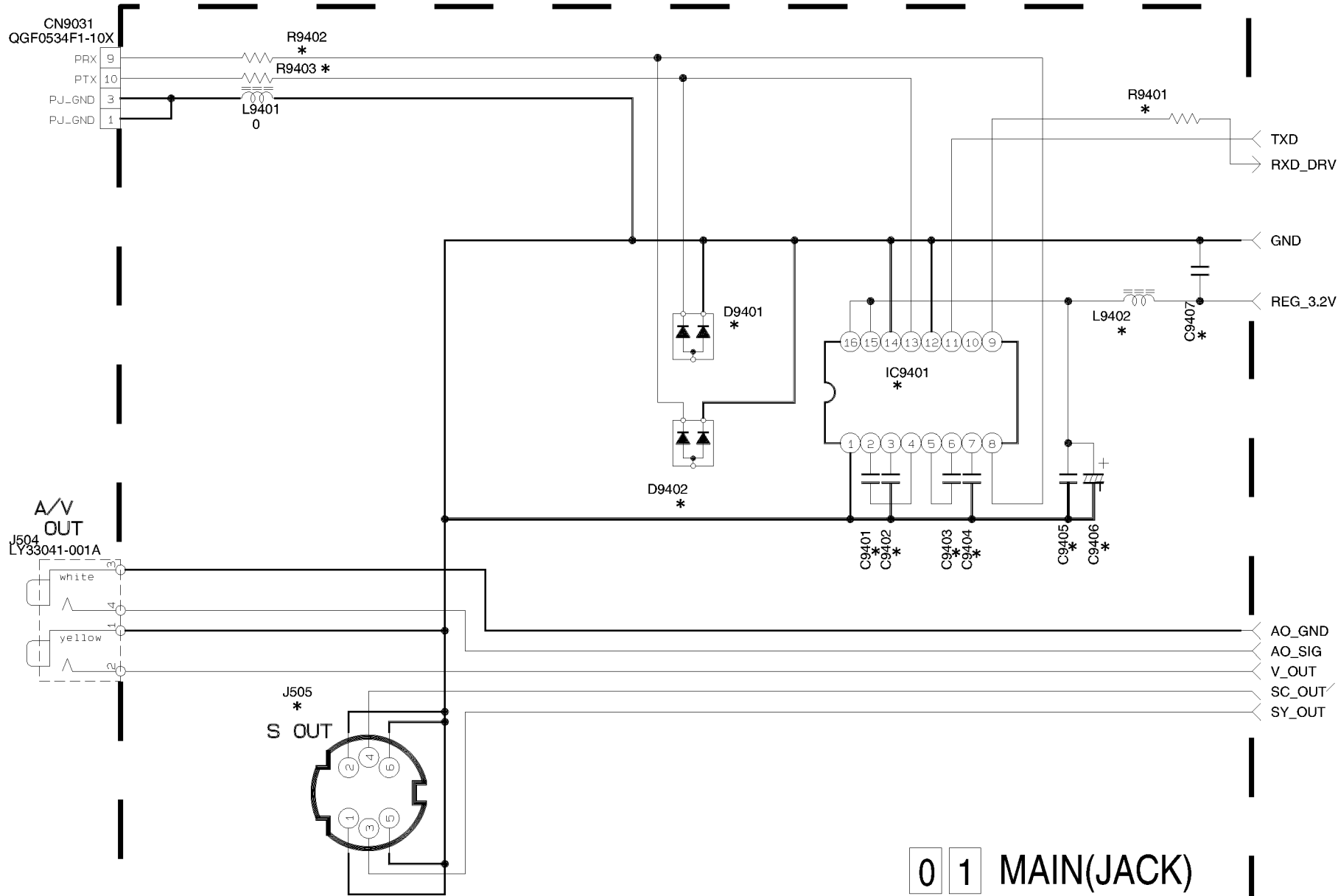
y30261001a_rev0.1

NV-VZ18GC/GCS MAIN(BWVF) SCHEMATIC DIAGRAM

7.12. JACK SCHEMATIC DIAGRAM

MAIN(JACK) SCHEMATIC DIAGRAM

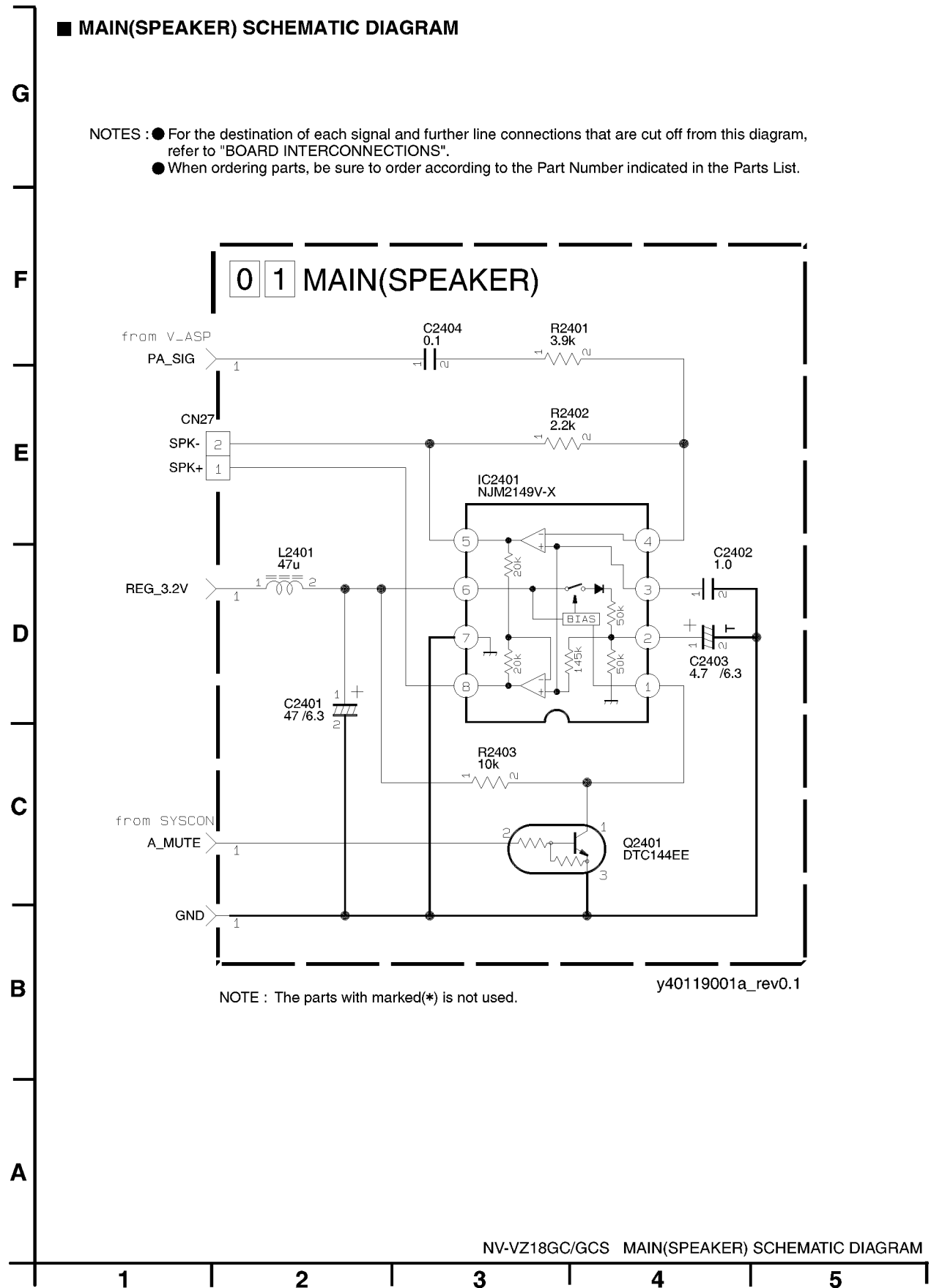
NOTES : ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "BOARD INTERCONNECTIONS".
● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.



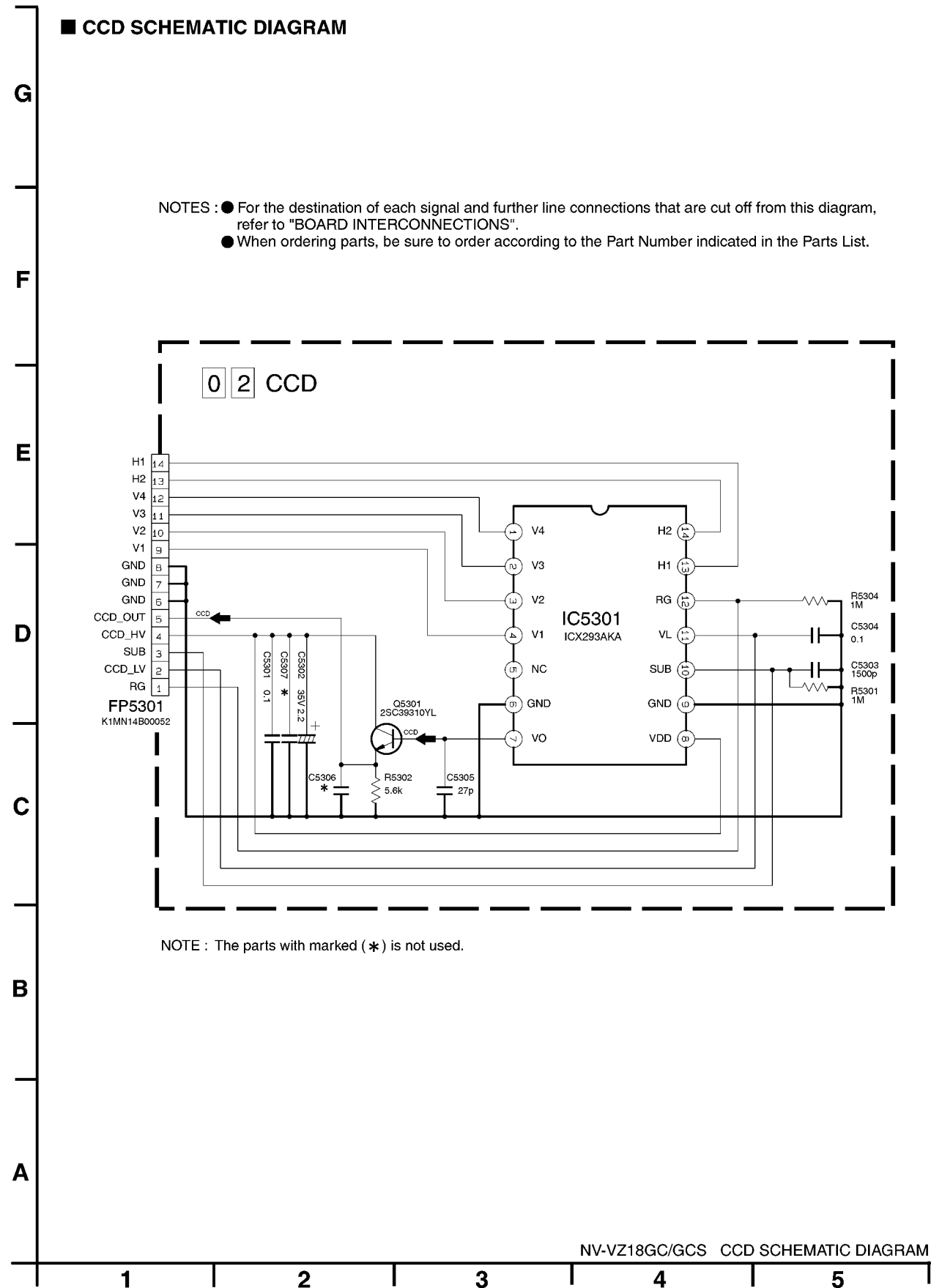
NOTE : The parts with marked(*) is not used.

y30258001a_rev0.1

7.13. SPEAKER SCHEMATIC DIAGRAM



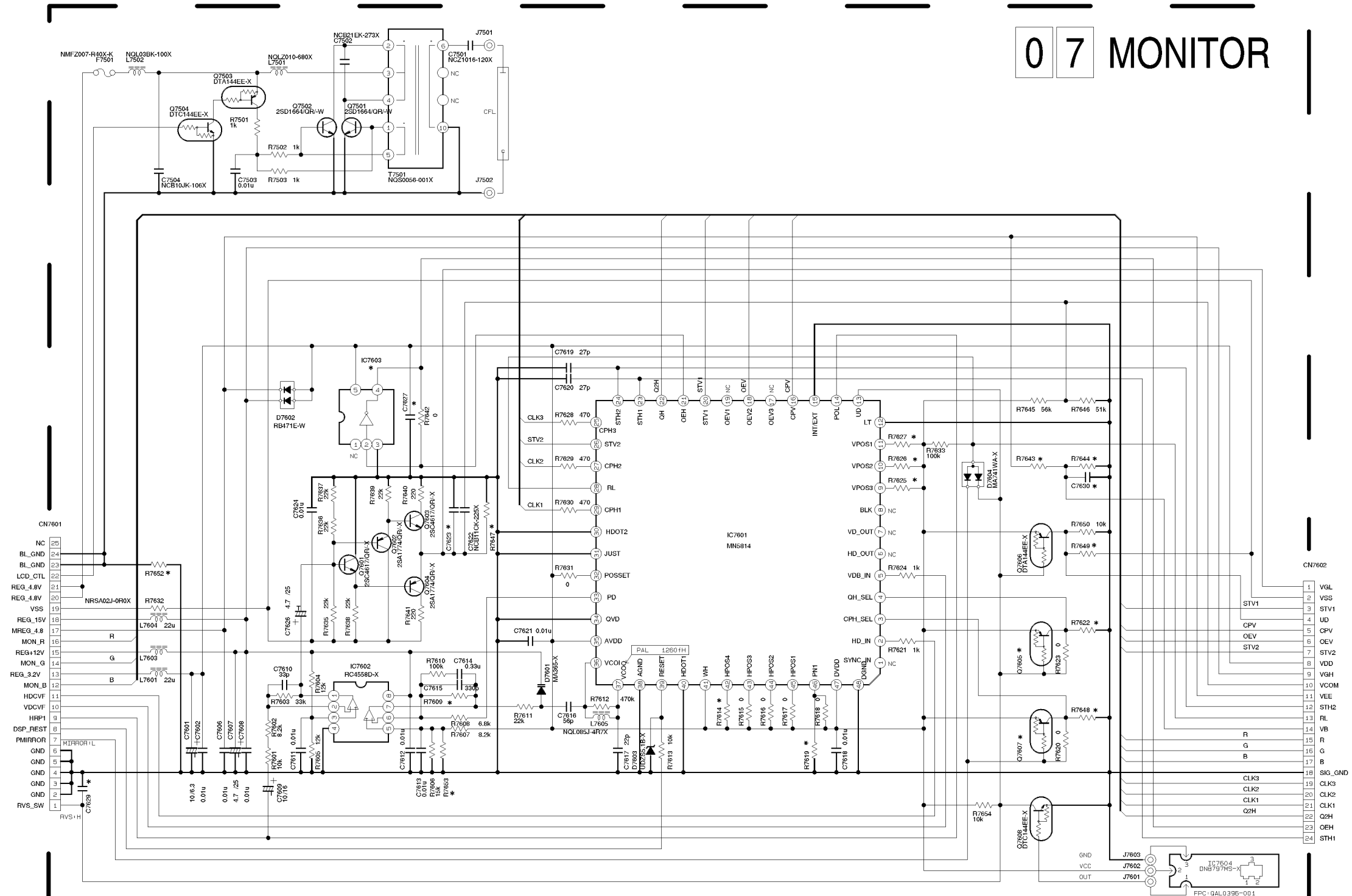
7.14. CCD SCHEMATIC DIAGRAM



7.15. MONITOR SCHEMATIC DIAGRAM

■ MONITOR SCHEMATIC DIAGRAM

NOTES : ● For the destination of each signal and further line connections that are cut off from this diagram, refer to "BOARD INTERCONNECTIONS".
● When ordering parts, be sure to order according to the Part Number indicated in the Parts List.

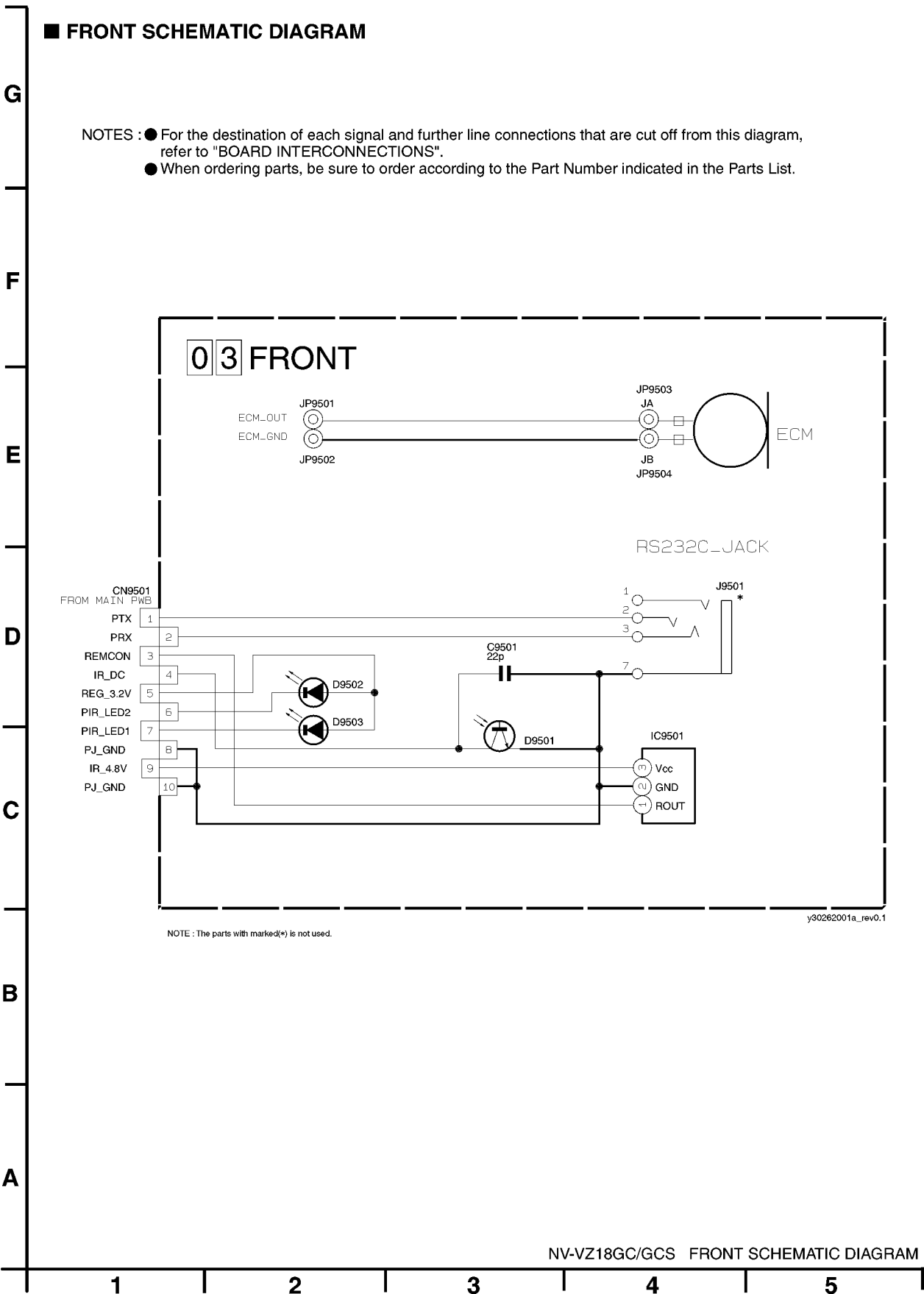


NOTE : The parts with marked(*) is not used.

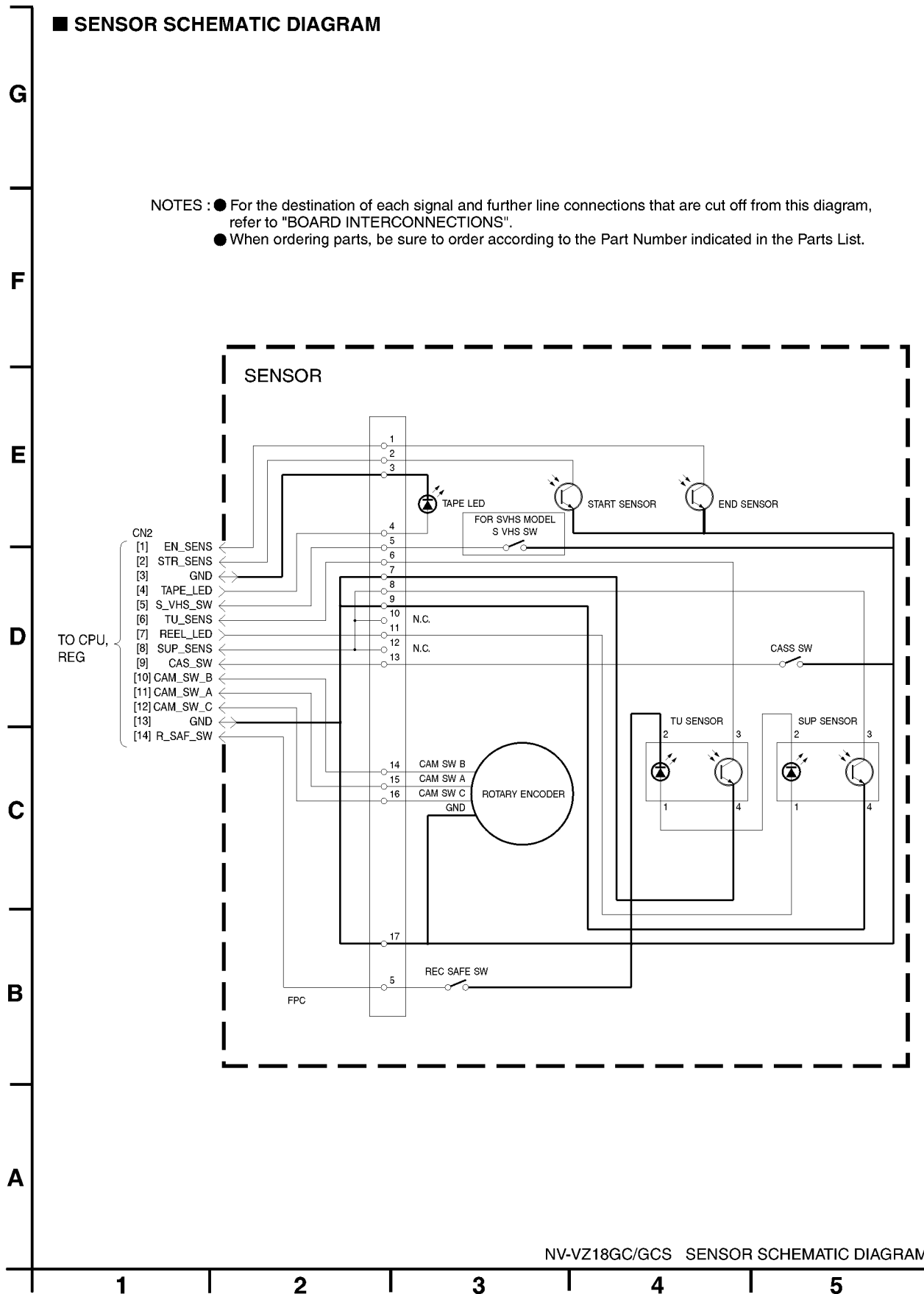
y20298001a_rev0.1

NV-VZ18GC/GCS MONITOR SCHEMATIC DIAGRAM

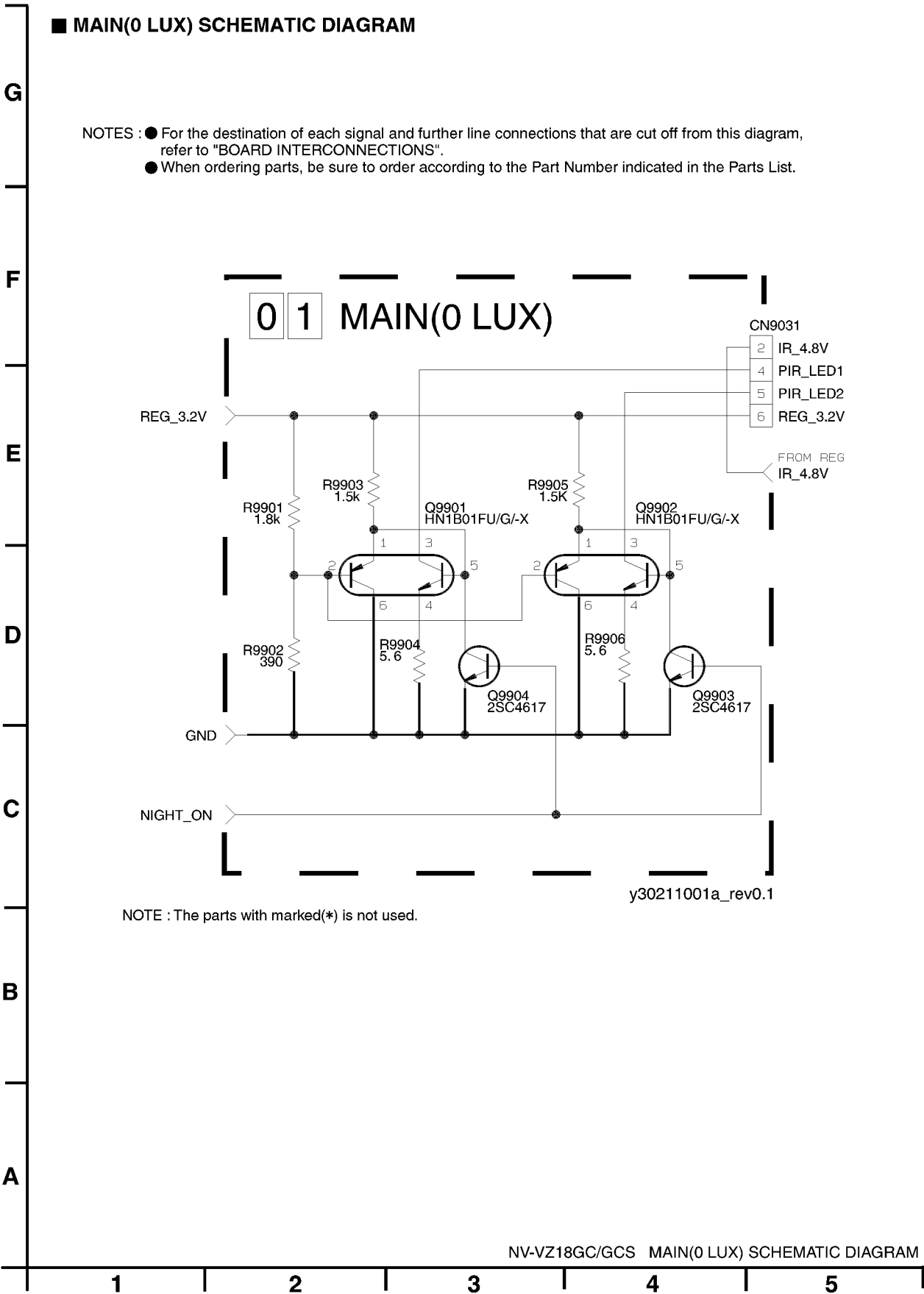
7.16. FRONT SCHEMATIC DIAGRAM



7.17. SENSOR SCHEMATIC DIAGRAM



7.18. 0 LUX SCHEMATIC DIAGRAM



REG_3.2V

GND

NIGHT_ON

R9901 1.8k

R9902 390

R9903 1.5k

R9904 5.6

R9905 1.5k

R9906 5.6

Q9901 HN1B01FU/G-X

Q9902 HN1B01FU/G-X

Q9903 2SC4617

Q9904 2SC4617

CN9031

2 IR_4.8V

4 PIR_LED1

5 PIR_LED2

6 REG_3.2V

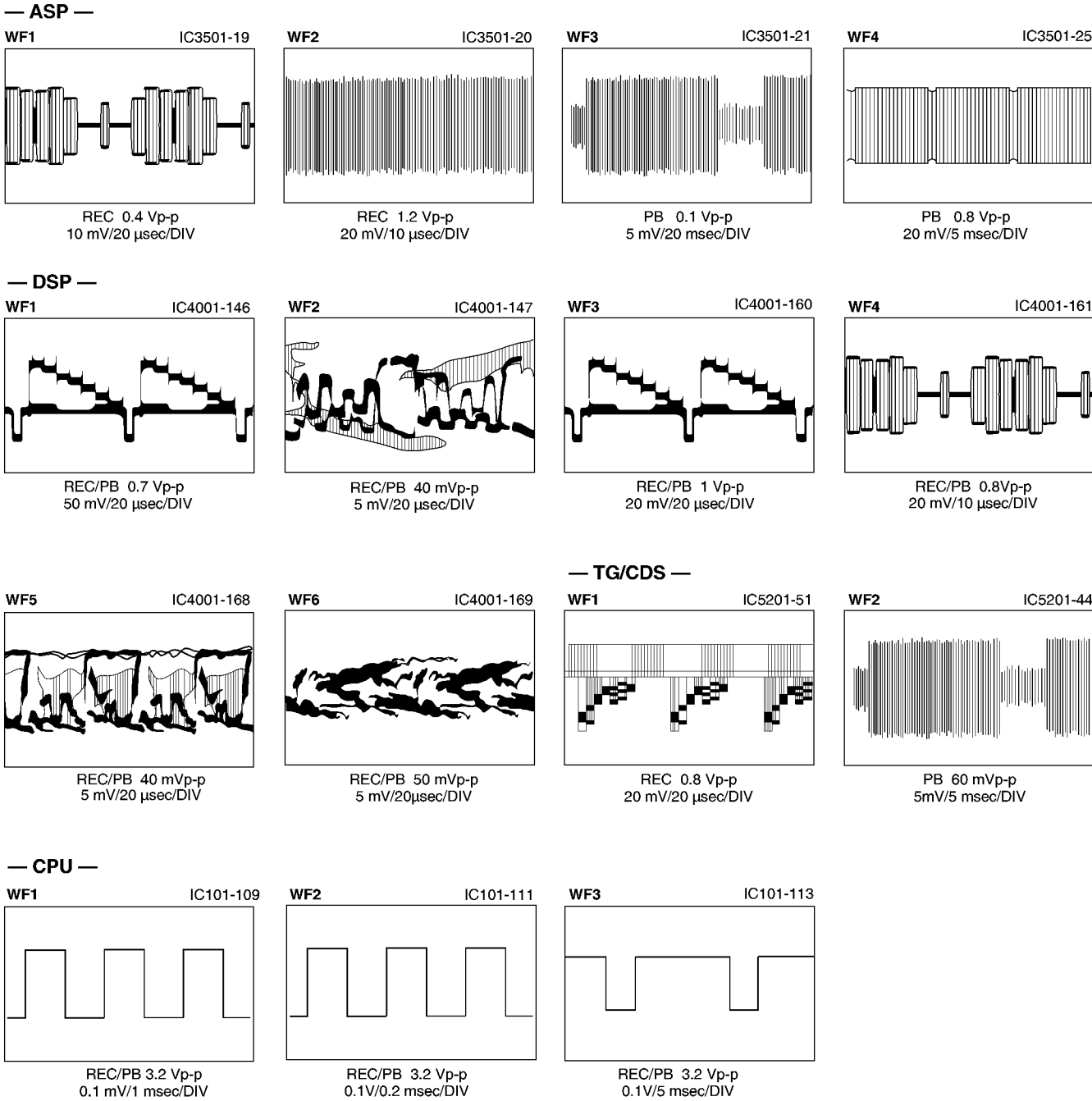
FROM REG IR_4.8V

NOTE : The parts with marked(*) is not used.

y30211001a_rev0.1

NV-VZ18GC/GCS MAIN(0 LUX) SCHEMATIC DIAGRAM

7.19. WAVEFORM TABLE



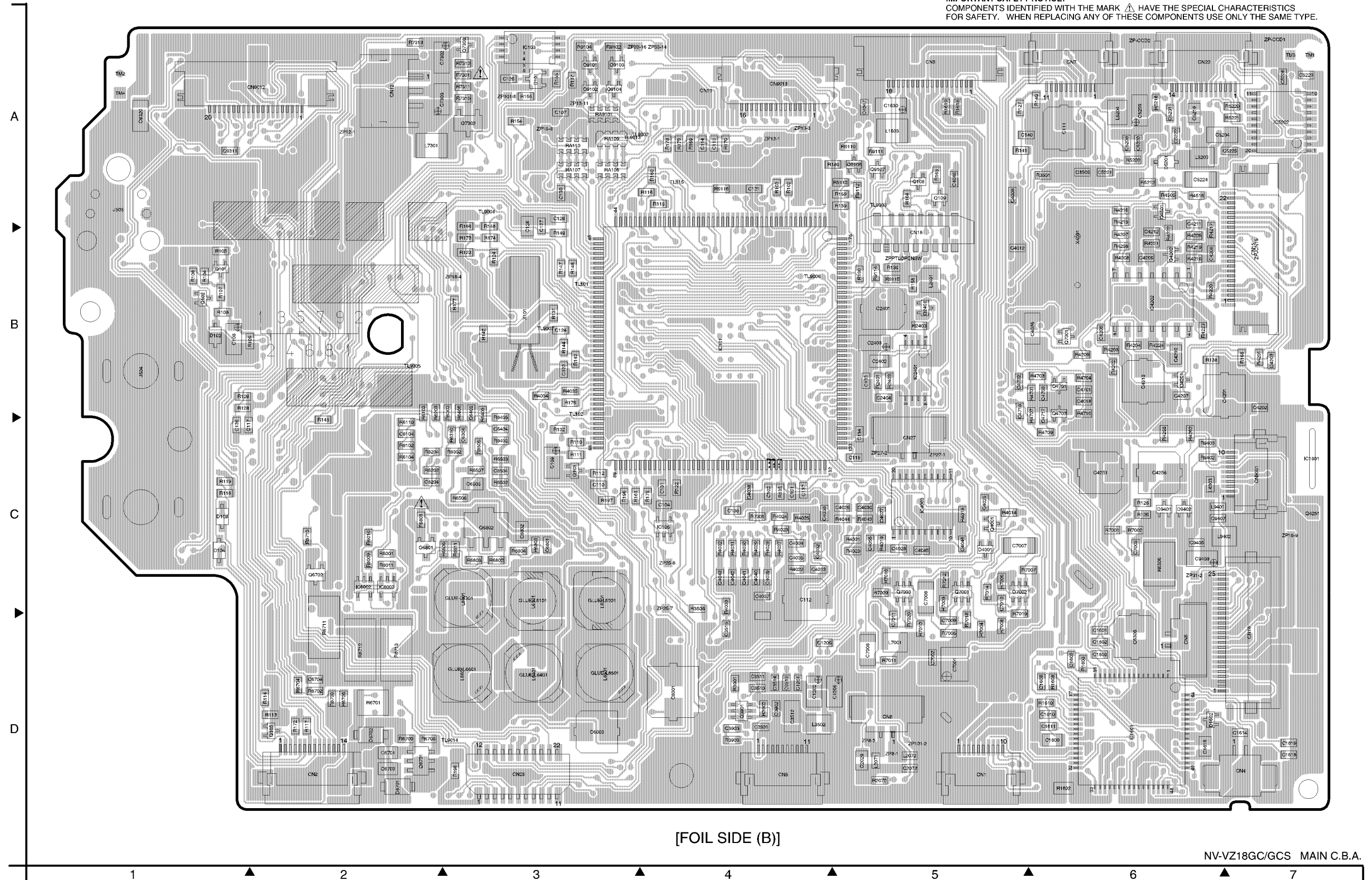
7.20. VOLTAGE CHARTS

<CPU>			<M.MDA>			<ASP>			<DSP>			<FZ/MDA>			<TG-CDS>			<REG>			<BWVF>			<MONITOR>		
MODE PIN NO.	REC	PLAY	MODE PIN NO.	REC	PLAY	MODE PIN NO.	REC	PLAY	MODE PIN NO.	REC	PLAY	MODE PIN NO.	REC	PLAY	MODE PIN NO.	REC	PLAY	MODE PIN NO.	REC	PLAY	MODE PIN NO.	REC	PLAY	MODE PIN NO.	EE	
IC101			97	0	0	IC1601		64	IC2001			97	0	0	IC4201			IC5201			4	1.5	1.4	IC7601		
1	0	3.2	98	0.1	0.1	1	0	0	1	1.5	3.2	98	0	0	1	1.8	0.5	1	3.3	3.3	5	0	0	1	1.1	
2	3.2	3.2	99	3.2	3.2	2	0	0.7	2	1.6	0	99	0	0	2	1.8	1.8	2	3.2	0	6	1.5	1.5	2	2.9	
3	0	0	100	0	0	3	0	0.7	3	1.6	0	100	0.2	1.4	3	1.8	1.8	3	3.2	3.2	3	0	0	3	0.1	
4	3.2	3.2	101	2.8	2.3	4	0	0	4	1.6	0	101	0.3	1.6	4	4.8	0	4	3.2	3.2	1	4.2	4.2	4	0	
5	0	0	102	0	2.5	5	0	0.7	5	1.5	3.2	102	0.6	1.5	5	1.9	1.9	5	3.2	3.2	2	0	5.0	5	3.1	
6	0	0	103	1.6	1.6	6	0	0	6	1.5	0	103	0.3	1.6	6	1.9	1.9	6	0	0	3	14.3	14.3	6	2.9	
7	3.2	3.2	104	0.6	-	7	0	0	7	1.0	0.7	104	0	0	7	1.9	1.9	7	1.1	1.2	4	4.2	0	7	3.1	
8	0.5	0.4	105	3.0	0	8	0	1.6	8	1.5	0	105	2.5	1.6	8	1.9	1.8	8	11.1	11.0	5	4.7	0	8	0	
9	0.3	0.2	106	0	0	9	0	1.6	9	0.9	0.7	106	0.6	1.6	9	1.9	1.9	9	1.0	1.0	6	14.9	14.9	9	3.1	
10	3.1	3.1	107	3.1	3.1	10	1.6	1.6	10	3.2	3.2	107	0.7	1.6	10	1.9	1.9	10	1.3	1.2	10	4.8	4.8	10	0	
11	0	0	108	3.1	3.1	11	0	1.6	11	1.5	3.2	108	0.9	1.6	11	0	0	11	2.1	2.2	E	14.9	14.9	11	0	
12	1.6	1.6	109	1.6	1.6	12	1.6	0	12	1.5	0	109	1.4	1.7	12	1.8	1.8	12	0	0	C	11.8	11.8	12	0	
13	3.2	3.2	110	0	0	13	1.6	0	13	1.6	3.2	110	1.4	1.7	13	1.8	1.8	13	3.1	3.1	B	14.3	14.3	13	0	
14	0	0	111	1.5	1.5	14	2.9	0	14	3.2	3.2	111	3.2	3.2	14	2.5	2.5	14	0	0	Q6604			14	1.6	
15	0.3	0	112	1.7	1.8	15	-	-	15	0	0	112	1.5	1.4	15	0	0	15	0	1.6	E	0	0	15	0	
16	2.2	0.3	113	2.9	2.9	16	-	-	16	0.7	0.5	113	0	0.3	16	1.0	1.0	16	2.8	0.3	C	14.9	14.9	16	4.8	
17	0	0	114	2.9	2.9	17	-	-	17	0.9	0.7	114	3.1	0	17	3.1	0	17	3.1	0	B	-0.9	-0.9	17	0.5	
18	0	0	115	3.0	3.0	18	-	-	18	0.9	0.7	115	0	0.1	18	3.2	0.6	18	3.2	3.2	Q6701			18	1.1	
19	0	0	116	3.2	3.2	19	-	-	19	1.8	1.8	116	0	0	19	4.8	4.8	19	0.2	0	1	0	0	19	1.1	
20	3.2	3.2	117	0	3.0	20	-	-	20	0.9	0.6	117	0	0	20	1.9	0	20	3.1	3.2	2	0	0	20	0	
21	3.2	3.2	118	2.7	2.6	21	-	-	21	0.9	0.6	118	1.5	1.5	21	0	0	21	3.1	3.2	3	11.0	11.0	21	0.4	
22	0	0	119	3.0	3.2	22	-	-	22	0.9	0.5	119	0	0	22	2.2	0	22	1.7	0.2	4	11.0	11.0	22	1.6	
23	0	0	120	3.2	3.2	23	-	-	23	0.9	0.5	120	0	0	23	0.2	0.2	23	1.0	1.0	5	0	0	23	0	
24	3.0	0	121	2.6	2.7	24	-	-	24	0.8	0.6	121	1.5	1.5	24	0.4	0.4	24	0	0	6	0	0	24	0	
25	3.0	3.0	122	0	0	25	1.7	1.7	25	0.9	0.4	122	1.5	1.4	25	0.4	0.4	25	0	0	Q6802			25	1.4	
26	3.1	0	123	0	0	26	11.0	11.0	26	0	0	123	1.8	1.8	26	0	0	26	1.4	0.1	E	10.4	10.3	26	0	
27	1.5	3.2	124	0	0	27	0	0	27	1.8	1.8	124	3.2	3.1	27	1.0	0	27	1.6	1.5	C	3.2	3.3	27	1.4	
28	3.2	0	125	1.9	0.5	28	2.9	2.7	28	0.3	0.3	125	3.2	3.2	28	0	0	28	3.1	3.1	B	11.0	11.0	28	0.2	
29	0	0	126	0	3.2	29	0.9	0.9	29	0	0	126	0.5	0.1	29	0	0	29	3.1	3.1	Q6803			29	1.4	
30	0	3.2	127	3.2	3.2	30	1.4	1.3	30	0.5	1.5	127	0	0	30	4	1.9	30	0	0	E	3.3	3.3	30	0	
31	3.2	2.5	128	3.2	3.2	31	0.7	0.7	31	0	0	128	1.8	1.8	31	0	0	31	0	0	C	3.2	3.2	31	0	
32	2.7	3.2	129	0	0	32	1.0	1.0	32	2.8	3.0	129	1.6	1.7	32	0.6	0.6	32	3.0	3.0	Q6701			32	9.7	
33	3.2	3.2	130	1.6	1.6	33	1.5	1.4	33	1.8	1.8	130	1.5	1.5	33	0	0	33	3.0	3.0	33	1.2	1.2	33	2.0	
34	3.2	3.2	131	3.2	3.2	34	1.4	1.4	34	3.1	3.1	131	1.5	1.5	34	0.3	0	34	3.1	3.2	E	1.1	1.0	34	0	
35	3.2	3.2	132	0	0	35	1.4	1.4	35	0.1	0.2	132	1.6	1.6	35	0.2	0.2	35	3.1	3.1	C	0	0	35	3.2	
36	0	0	133	3.2	3.2	36	0	0	36	3.1	3.1	133	1.8	1.8	36	0.2	0	36	3.1	0.1	B	0.5	0.4	36	0	
37	0	0	134	0	0	37	0	1.4	37	0	0	134	0	1.7	37	0.2	0.2	37	3.1	0.2	Q4702			37	0	
38	0	0	135	3.2	3.2	38	1.5	0	38	0.4	0	135	3.1	3.1	38	3.2	3.2	38	3.1	0.1	C	0	0	38	0	
39	3.2	3.2	136	3.2	3.2	39	0	1.6	39	1.2	0.6															

8 CIRCUIT BOARD ASSEMBLIES

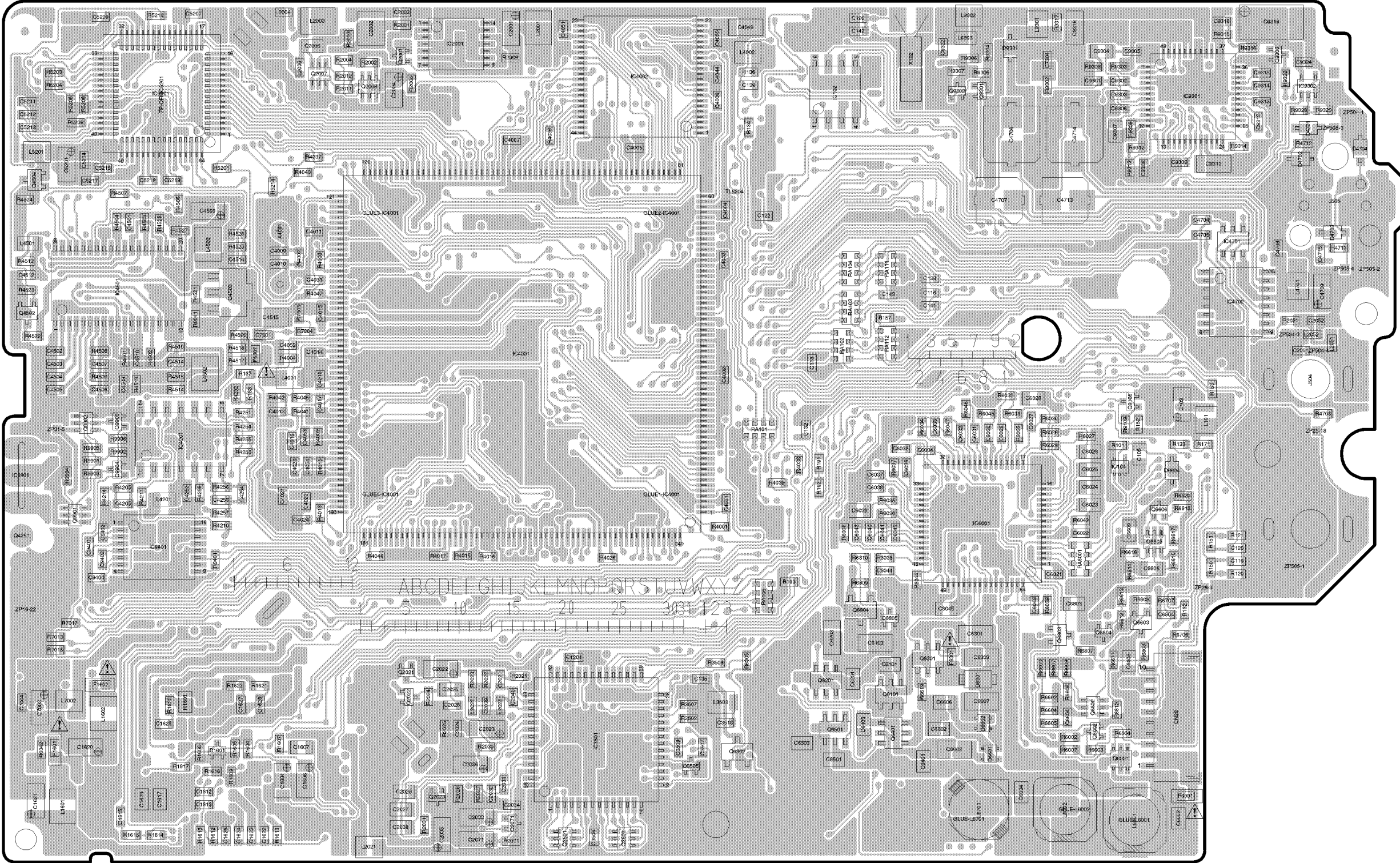
8.1. MAIN C.B.A. (FOIL SIDE)

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.



8.2. MAIN C.B.A. (COMPONENT SIDE)

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.

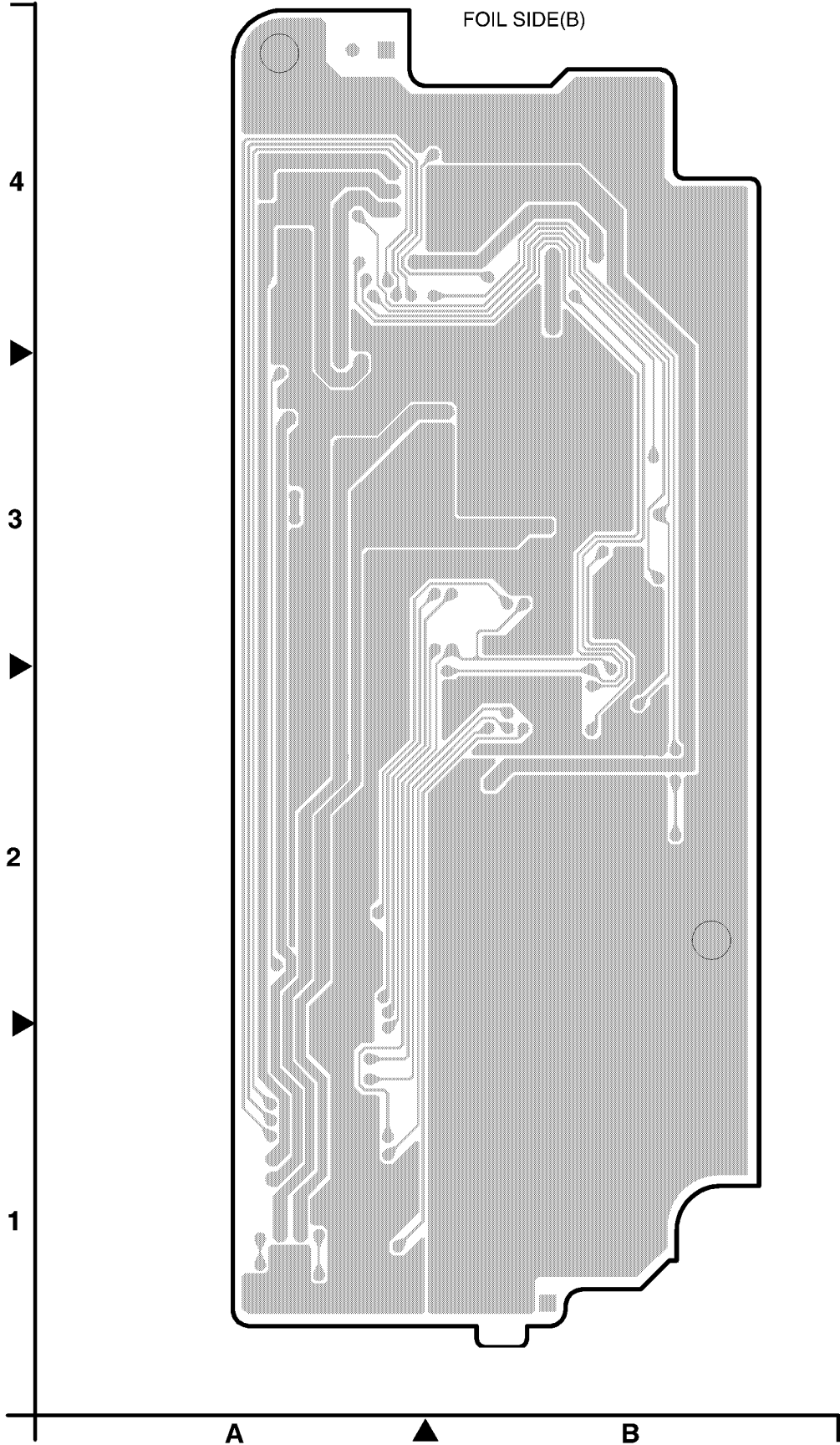


[COMPONENT SIDE (A)]

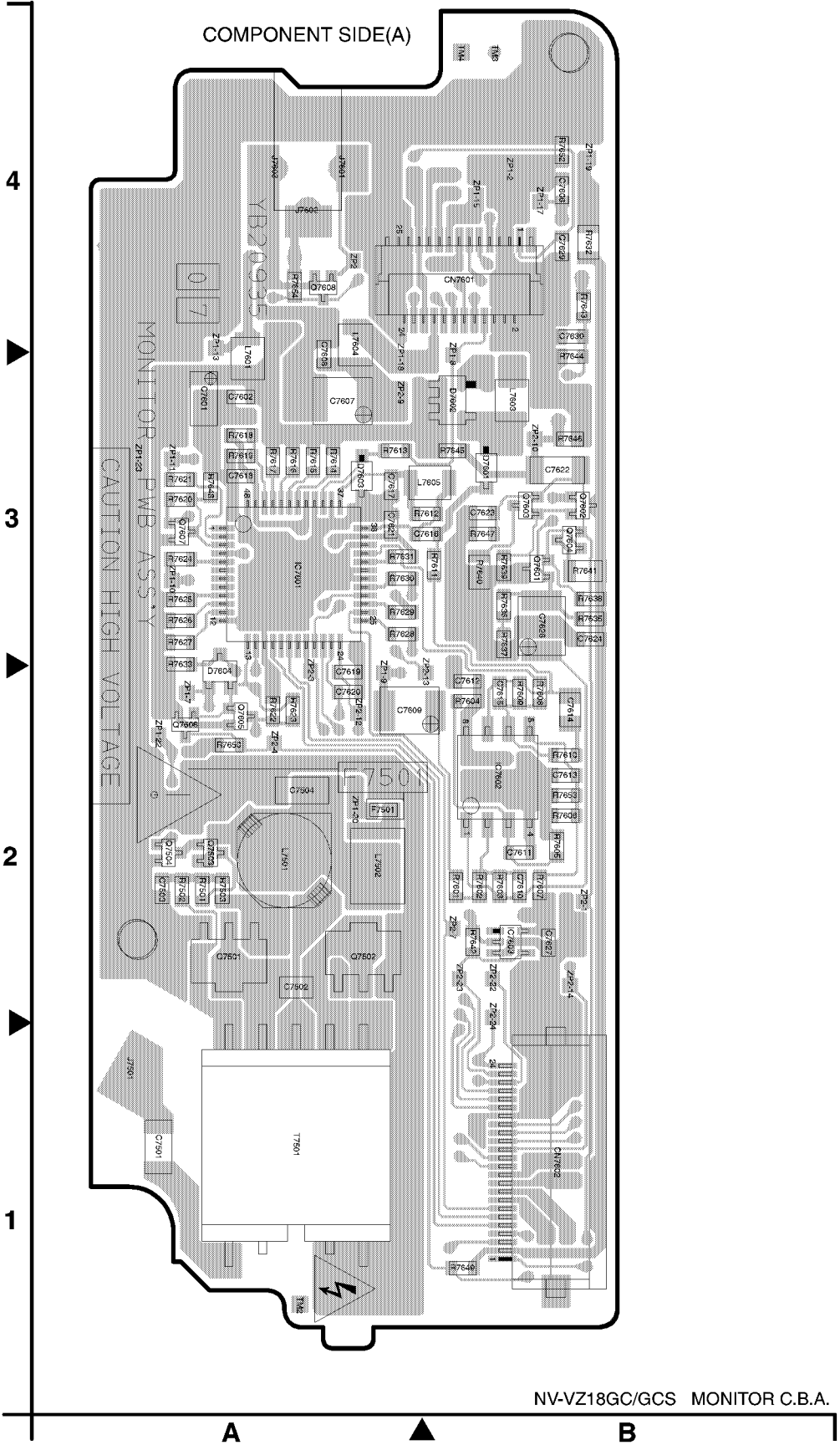
8.3. MAIN C.B.A. ADDRESS INFOMATION

REF.NO. LOCATION	REF.NO. LOCATION	REF.NO. LOCATION	REF.NO. LOCATION	REF.NO. LOCATION	REF.NO. LOCATION	REF.NO. LOCATION	REF.NO. LOCATION	REF.NO. LOCATION	REF.NO. LOCATION	REF.NO. LOCATION
CAPACITOR	C3514 B C D4	C5218 A C A6	CONNECTOR	L6501 B C D3	R136 A C A4	R4020 B C C5	R6027 A C C2	R9115 B C B5	ZP505-2 A C B1	
C101 B C C4	C3515 B C D4	C5219 A C A6	CN1 B C D5	L6601 B C D3	R137 B C A3	R4021 B C C5	R6028 A C C2	R9116 B C A4	ZP505-3 A C A1	
C102 B C C4	C3516 A C D4	C5220 B C A6	CN2 B C D2	L6701 B C D3	R138 B C B6	R4022 B C C4	R6029 A C C2	R9302 A C A2	ZP505-4 A C B1	
C103 A C B2	C3901 B C D4	C5221 B C A6	CN3 B C A5	L7001 B C D5	R139 B C A5	R4023 B C C4	R6030 A C B2	R9303 A C A2	ZP-CCD1 B C A7	
C104 B C C4	C3902 B C D4	C5222 B C A6	CN4 B C D7	L7002 A C D7	R140 B C A6	R4024 B C C4	R6031 A C B2	R9304 A C A2	ZP-CCD2 B C A6	
C105 A C C2	C3903 B C D4	C5223 B C A7	CN5 B C D4	L7301 B C D4	R141 B C A5	R4025 B C C4	R6032 A C B3	R9305 A C A2	ZP-CCD6 A C D1	
C106 B C C4	C4001 A C C4	C5224 B C A6	CN6 B C D6	L8301 A C A2	R142 B C B3	R4026 A C C4	R6033 A C C2	R9306 A C A3	ZPJCN15 B C B7	
C107 B C A3	C4002 A C B4	C5225 B C A7	CN7 B C A6	L8302 A C A3	R143 B C B3	R4027 B C C4	R6034 A C B3	R9307 A C A3	ZPPTLOP B C B5	
C108 B C B1	C4003 A C B4	C5226 B C A7	CN8 B C D5	L8303 A C A3	R144 B C B3	R4028 B C C4	R6035 A C C3	R9308 A C A2	ZP-QFNI A C A6	
C109 B C C3	C4004 A C A4	C5231 B C A6	CN12 B C A2	L8401 B C C6	R145 B C B3	R4029 B C C4	R6036 A C C3	R9309 A C A2		
C110 B C C3	C4005 A C A4	C6001 B C D4	CN13 B C A4	L8402 B C C7	R146 B C B3	R4030 B C C4	R6037 A C C3	R9312 A C A2		
C111 B C A6	C4006 A C A4	C6002 A C D2	CN15 B C B7		R147 B C B3	R4031 B C C4	R6038 A C C3	R9313 A C A2		
C112 B C C4	C4007 A C A5	C6003 B C D3	CN16 B C D7	TRANSISTOR	R148 B C B3	R4032 B C C4	R6039 A C C2	R9314 A C A1		
C113 B C A4	C4008 B C A5	C6004 A C D2	CN18 B C B5	Q101 B C B1	R149 B C B3	R4033 B C C4	R6041 A C B6	R9315 A C A1		
C114 B C A4	C4009 A C B6	C6021 A C C2	CN22 B C A6	Q102 B C B1	R150 A C C1	R4034 B C B3	R6042 A C D7	R9316 A C A1		
C115 B C C5	C4010 A C B6	C6022 A C C2	CN25 B C D3	Q103 B C C3	R151 A C C1	R4035 B C B3	R6043 A C C2	R9317 A C A2		
C116 A C B3	C4011 A C B6	C6023 A C C2	CN27 B C C5	Q105 B C D2	R152 A C B2	R4036 A C A4	R6044 A C C3	R9322 A C A1		
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C118 A C B3	C4013 A C B6	C6025 A C C2	CN9012 B C A2	Q109 B C A5	R154 B C A3	R4038 A C C3	R6046 A C B3	R9329 A C A1		
C119 A C C1	C4014 A C B6	C6026 A C C2	CN9013 B C A4	Q2001 A C A5	R155 B C A3	R4039 A C C3	R6047 A C B3	R9401 A C C6		
C120 A C C1	C4015 A C B6	C6027 A C B2	CN9031 B C C7	Q2007 A C A6	R156 B C A3	R4040 A C A6	R6102 B C C2	R9402 B C C6		
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C133 B C B5	C4029 B C C5	C6040 A C C3	D4704 A C A1	Q4202 B C B6	R169 B C A4	R4206 B C B6	R6403 B C B3	RA107 B C A3		
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C2024 A C D5	C4513 B C B6	C7304 A C A2	L2001 A C A5	R105 B C B1	R2027 A C D5	R4701 B C B6	R7005 B C D5	TP1608 A C D6		
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C2026 A C D5	C4515 A C B6	C9302 A C A2	L2004 A C A6	R107 B C B1	R2030 A C D5	R4704 B C B6	R7007 B C C6	X101 B C B3		
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8.4. MONITOR C.B.A.

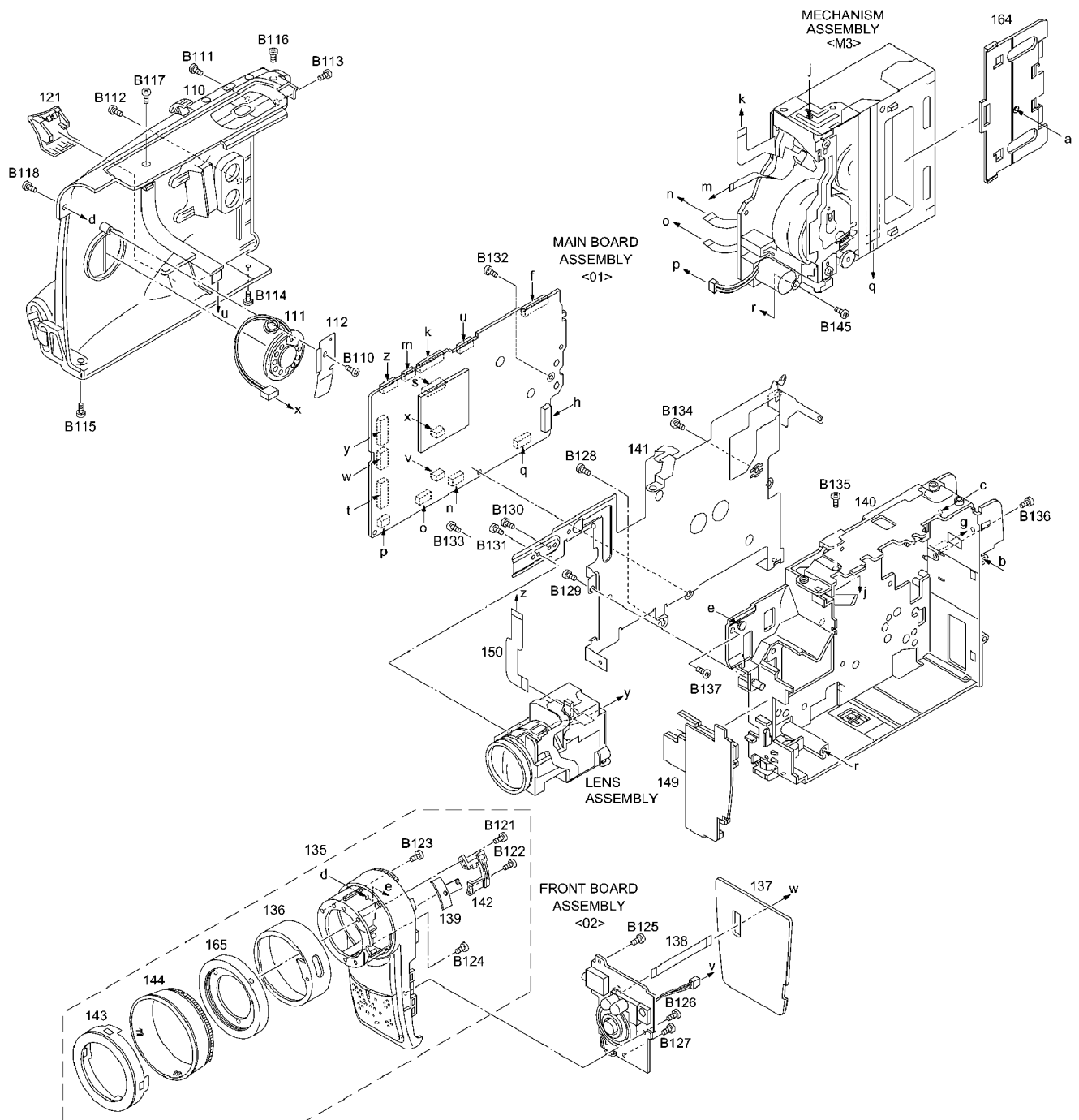


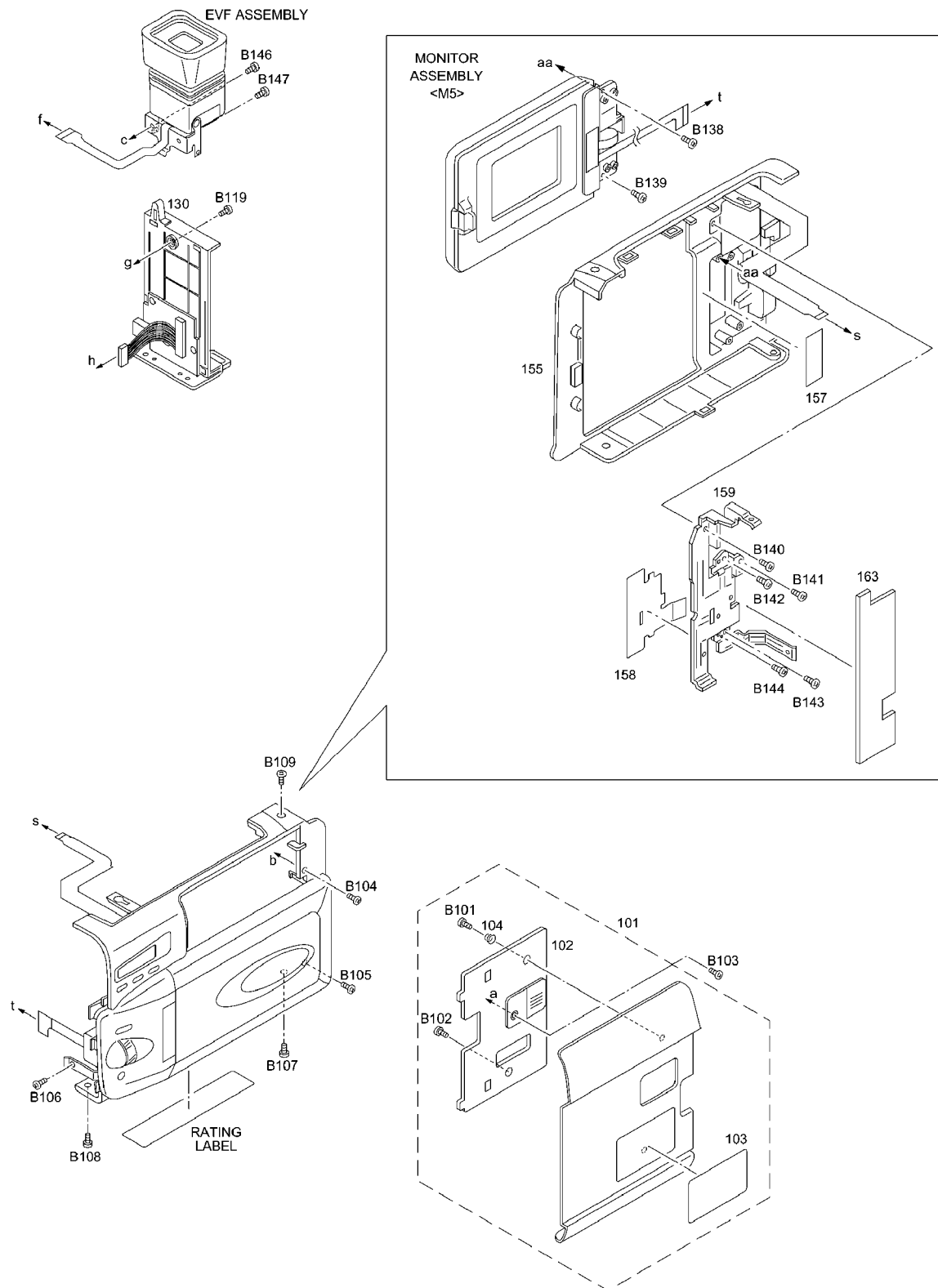
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C7622	A C 3B	C7623	A C 3B
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C7627	A C 2B	C7629	A C 4B
C7630	A C 4B		
CONNECTOR			
CN7601	A C 4B	CN7602	A C 1B
DIODE			
D7601	A C 3B	D7602	A C 3B
D7603	A C 3A	D7604	A C 3A
FUSE			
F7501	A C 2A		
IC			
IC7601	A C 3A	IC7602	A C 2B
IC7603	A C 2B		
COIL			
L7501	A C 2A	L7502	A C 2A
L7601	A C 3A	L7603	A C 3B
L7604	A C 3A	L7605	A C 3B
TRANSISTOR			
Q7501	A C 2A	Q7502	A C 2A
Q7503	A C 2A	Q7504	A C 2A
Q7601	A C 3B	Q7602	A C 3B
Q7603	A C 3B	Q7604	A C 3B
Q7605	A C 2A	Q7606	A C 2A
Q7607	A C 3A	Q7608	A C 4A
RESISTOR			
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R7503	A C 2A	R7504	A C 2A
R7505	A C 2B	R7506	A C 2B
R7507	A C 2B	R7508	A C 2B
R7509	A C 2B	R7510	A C 2B
R7511	A C 3B	R7512	A C 3A
R7513	A C 3A	R7514	A C 3A
R7515	A C 3A	R7516	A C 3A
R7517	A C 3A	R7518	A C 3A
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R7523	A C 2A	R7524	A C 3A
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R7531	A C 3A	R7532	A C 3A
R7533	A C 3A	R7534	A C 3A
R7535	A C 3B	R7536	A C 3B
R7537	A C 3B	R7538	A C 3B
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J7603	A C 4A	J7604	A C 4B
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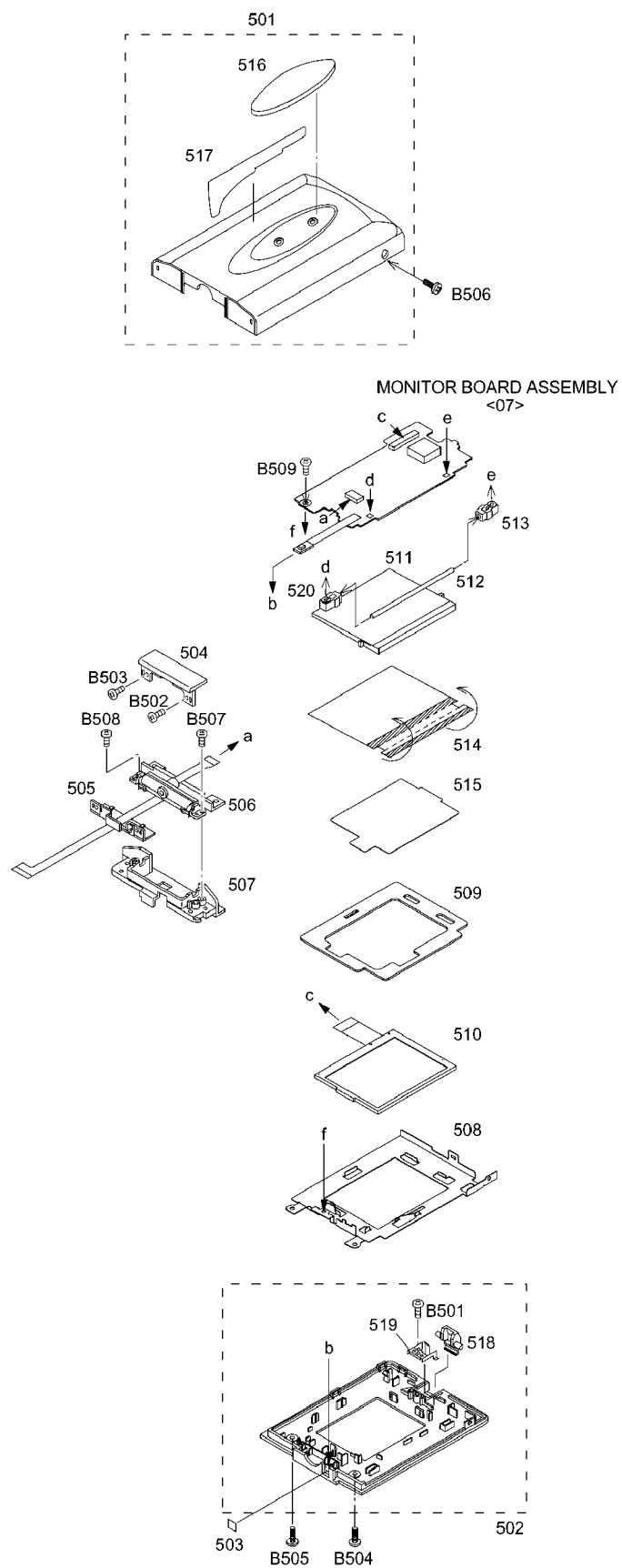
9 EXPLODED VIEWS

9.1. FRAME & CASING SECTION

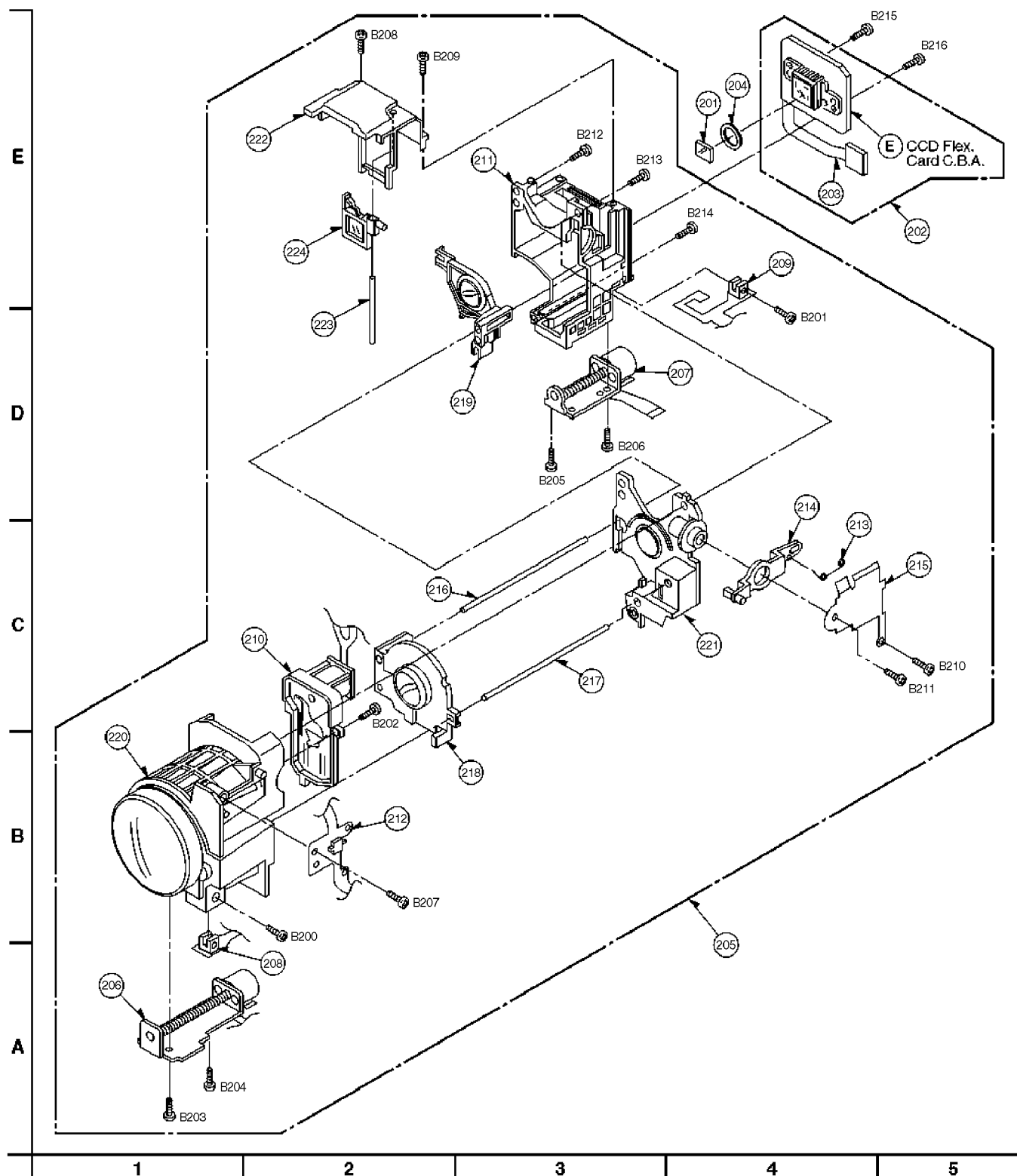




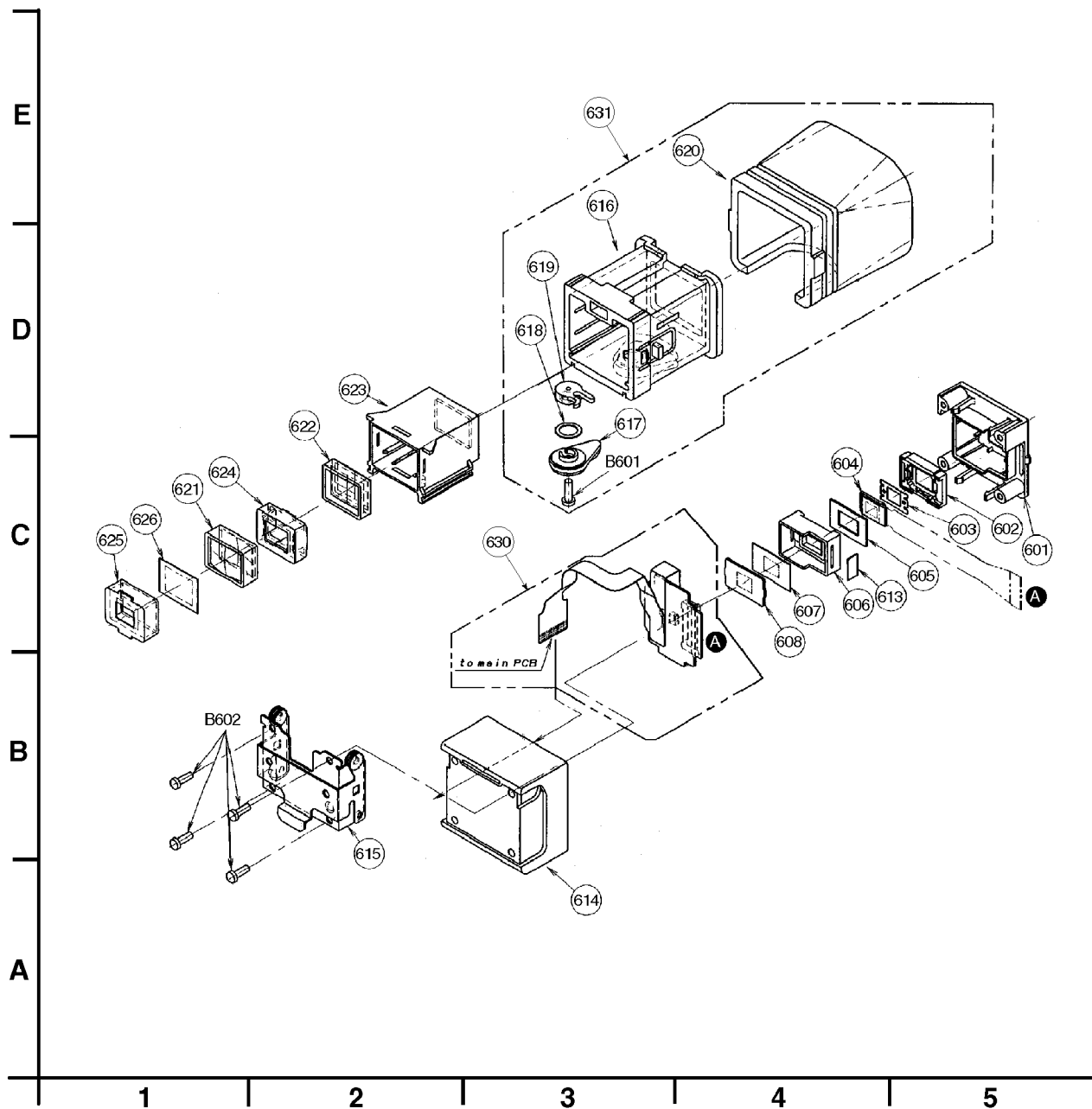
9.2. MONITOR SECTION



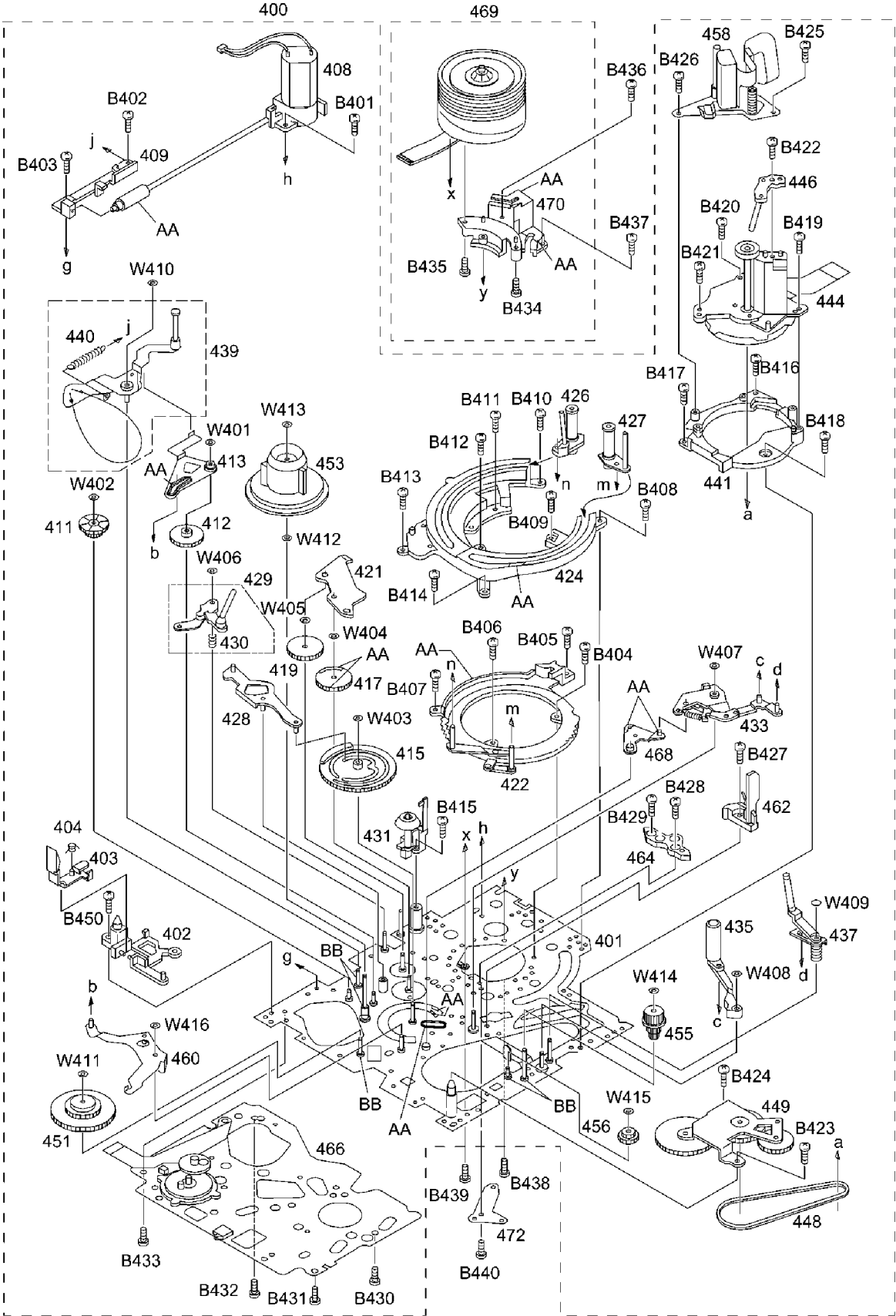
9.3. CAMERA LENS SECTION



9.4. EVF SECTION

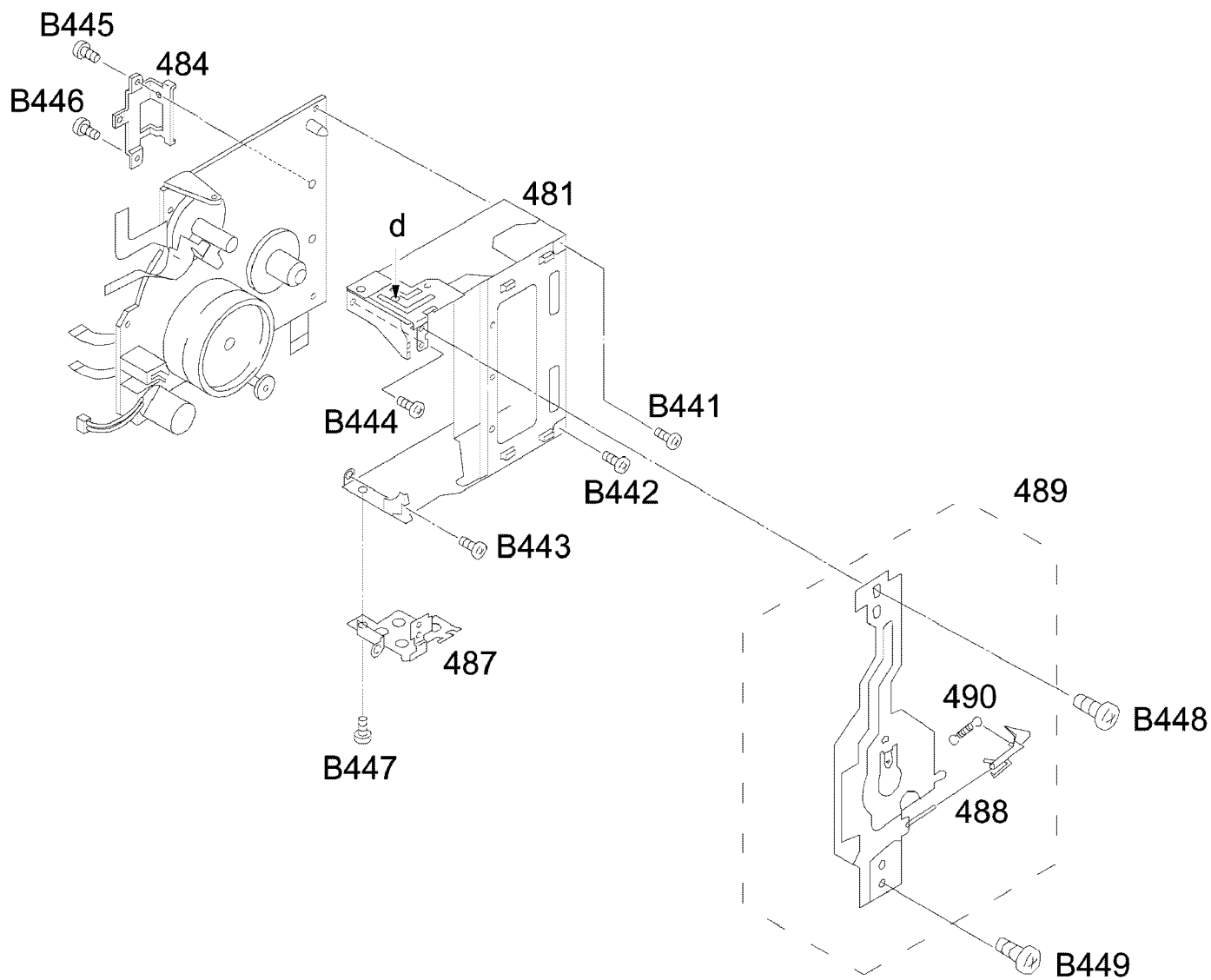


9.5. MECHANISM SECTION

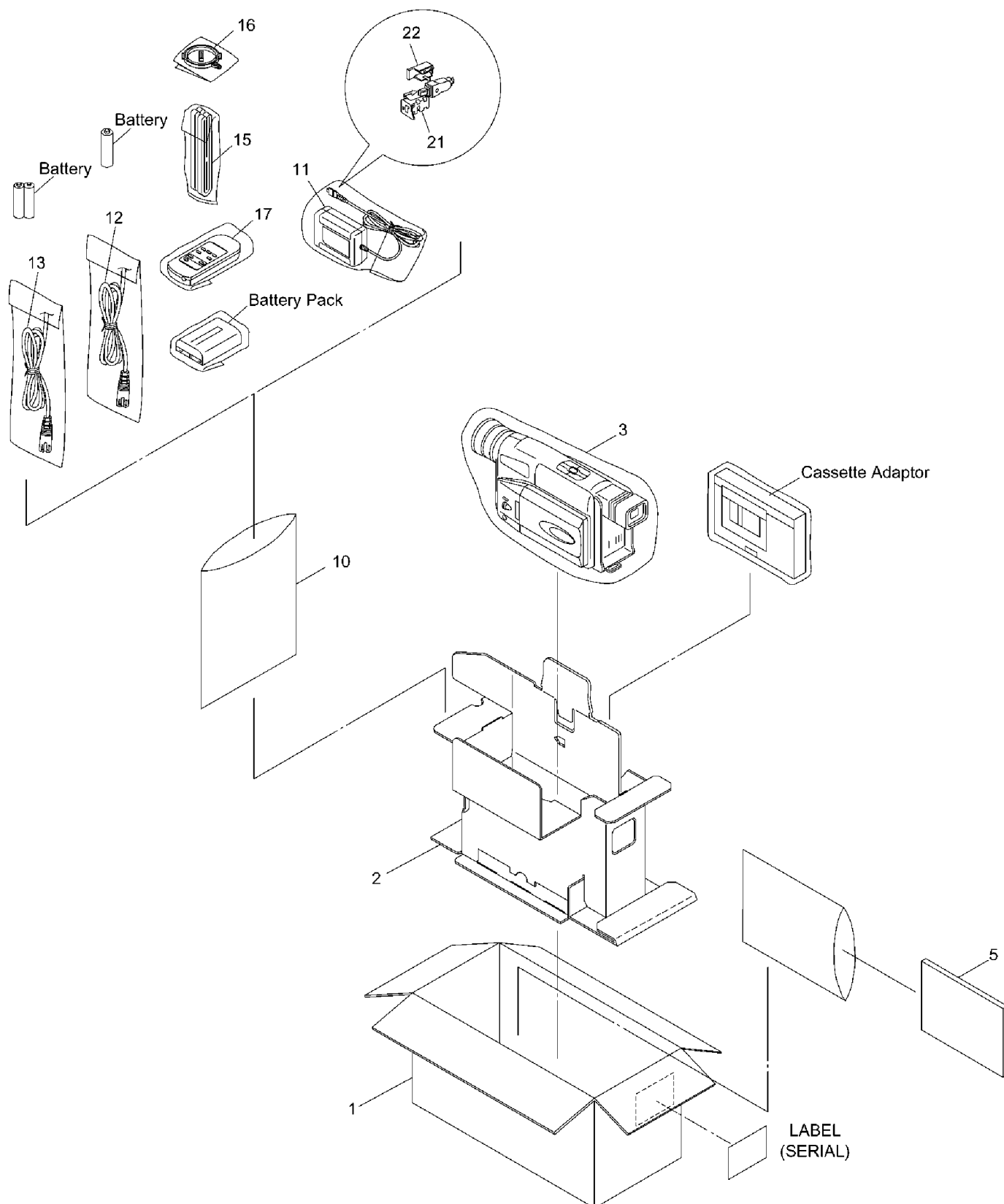


Classification	Part No.	Symbol in drawing
Grease	KYODO-SH-JP	AA
Oil	YTU94027	BB

NOTE: The section marked in AA and BB indicate lubrication and greasing areas



9.6. PACKING PARTS & ACCESSORIES SECTION



10 REPLACEMENT PARTS LIST

10.1. MECHANICAL REPLACEMENT PARTS LIST

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.

10.1.1. FRAME & CASING SECTION PARTS LIST

Ref. No.	Part No.	Part Name & Description	Remarks
		<<FINAL ASSEMBLY M2>>	
101	LY20817-019A	CASSETTE COVER (M) ASSY	
102	LY32392-001A	PUSH PLATE (M)	
103	LY43340-001B	LABEL (CAUTION)	
104	LY43336-001A	SPRING	
110	LY10319-007A	SIDE CASE (L) ASSY	
111	QAS0158-001	SPEAKER	
112	LY42764-001B	HOLDER (SPEAKER)	
121	LY32397-002B	COVER (EVR)	
130	LY21133-001A	REAR UNIT	
135	LY20825-006B	FRONT COVER ASSY	
136	LY32982-002A	RING	
137	LY43415-001A	SHEET (F.PWB)	
138	QUQ105-1005A	FPC WIRE	FOR FRONT
139	LY32983-001A	O-LUX KNOB	
140	LY10305-001D	MAIN FRAME	
141	LY20785-001A	MECHA SUPPORT	
142	LY32476-001A	O-LUX HOLDER	
143	LY32984-001A	HOOD PIECE	
144	LY32985-001B	LENS HOOD	
149	LY43493-001C	SHEET (FRM)	
150	QAL0395-001	FPC	FOR CCD
155	LY10321-005A	SIDE CASE (R) ASSY	
157	LY30029-0S9A	SPACER (A)	FOR FPC
158	LY43286-001A	SHEET (FPC)	
159	LY20794-001D	BRACKET (S.CASE R)	
163	LY43539-001B	SHEET (S.CASE)	
164	LY32402-001A	CASSETTE COVER INSIDE	
165	LY32393-001A	HOOD	
B101	LY30031-019A	SPECIAL SCREW	
B102	LY30031-019A	SPECIAL SCREW	
B103	QYSLSF2050DA	TAP SCREW	
B104	QYSLSF2050DA	TAP SCREW	
B105	QYSLSF2050DA	TAP SCREW	
B106	QYSLSP2040DA	SCREW	
B107	QYSLSF2060DA	TAP SCREW	
B108	QYSLSF2060DA	TAP SCREW	
B109	QYSLSF2050DA	TAP SCREW	
B110	QYSLSF2050DA	TAP SCREW	
B111	QYSLSF2060DA	TAP SCREW	
B112	QYSLSF2060DA	TAP SCREW	
B113	QYSLSF2060DA	TAP SCREW	
B114	QYSLSP2040DA	SCREW	
B115	QYSLSF2060DA	TAP SCREW	
B116	QYSLSP20A0NA	SCREW	
B117	QYSLSF2050DA	TAP SCREW	
B118	QYSLSF2060NA	TAP SCREW	
B119	QYSLSF2060DA	TAP SCREW	
B121	LY30031-033A	SPECIAL SCREW	
B122	LY30031-033A	SPECIAL SCREW	
B123	LY30031-034A	SPECIAL SCREW	
B124	LY30031-034A	SPECIAL SCREW	
B125	QYSLSF2050DA	TAP SCREW	
B126	QYSLSF2050DA	TAP SCREW	
B127	QYSLSF2050DA	TAP SCREW	
B128	QYSPSTU1725	TAP SCREW	
B129	QYSLSF2060DA	TAP SCREW	

Ref. No.	Part No.	Part Name & Description	Remarks
B130	QYSLSG1735ZA	TAP SCREW	
B131	QYSLSG1735ZA	TAP SCREW	
B132	QYSLSF2060DA	TAP SCREW	
B133	QYSLSF2060DA	TAP SCREW	
B134	QYSPSGU1750	SCREW	
B135	LY30032-004A	SPECIAL SCREW	
B136	LY30032-004A	SPECIAL SCREW	
B137	QYSPSGU1750	SCREW	
B138	QYSPSF2080DA	TAP SCREW	
B139	QYSPSF2080DA	TAP SCREW	
B140	QYSLSP2030NA	SCREW	
B141	QYSPSF2080DA	TAP SCREW	
B142	QYSPSF2080DA	TAP SCREW	
B143	QYSPSF2080DA	TAP SCREW	
B144	QYSLSP20A0NA	SCREW	
B145	QYSLSF1750DA	TAP SCREW	

10.1.2. MONITOR SECTION PARTS LIST

Ref. No.	Part No.	Part Name & Description	Remarks
		<<MONITOR ASSEMBLY M5>>	
501	LY21015-004C	MONITOR COVER ASSY	
502	LY33744-001D	MONITOR CASE ASSY	
503	LY43506-001A	SHEET (M.SENSOR)	
504	LY32399-001A	HINGE COVER (U)	
505	LY32400-001A	HINGE COVER (L)	
506	LY32398-001B	HINGE ASSY	
507	LY20793-002B	HOLDER (HINGE)	
508	LY21101-001B	SHIELD CASE (2.5)	
509	LY44411-001C	SPACER (LCD)	
510	QLD0305-001	LCD MODULE	
511	LY44481-001A	LIGHT SCREEN	
512	QLL0142-001	LAMP	
513	LY43936-001A	HOLDER (LAMP)	
514	LY43396-001A	SHEET (REFLECT)	
515	LY44412-001B	DIFFUSION SHEET (2.5)	
516	LY32989-002B	WINDOW (M)	
517	LY44509-001A	STICKER (PANA.M)	
518	LY20823-001A	LOCK LEVER	
519	LY32470-001A	LOCK SPRING	
520	LY43936-001A	HOLDER (LAMP)	
B501	QYSLSF2050ZA	TAP SCREW	
B502	LY30031-035A	SPECIAL SCREW	
B503	LY30031-035A	SPECIAL SCREW	
B504	QYSLSF2060DA	TAP SCREW	
B505	QYSLSF2060DA	TAP SCREW	
B506	QYSLSP2030NA	SCREW	
B507	QYSPSF2060DA	TAP SCREW	
B508	QYSPSF2060DA	TAP SCREW	
B509	LY30033-002A	SPECIAL SCREW (W)	

10.1.3. CAMERA LENS SECTION PARTS LIST

Ref. No.	Part No.	Part Name & Description	Remarks
		<<LENS ASSEMBLY M2>>	
201	VDL1236	CRYSTAL FILTER	
202	VEK9376	CCD U.	
203	VJB22322	CCD FLEX.	
204	VMX3070	CCD CUSHION	
205	VXW0512	LENS U.	
206	10S1F10F6NF	ZOOM MOTOR U.	
207	10S1F10F7NF	FOCUS MOTOR U.	
208	CNA1302KR0SL	PHOTOSENSOR	
209	CNA1302KR0SL	PHOTOSENSOR	

Ref. No.	Part No.	Part Name & Description	Remarks
210	L9ZZ00000184	IRIS U.	
211	VDW0740	MASTER FLANGE	
212	VEK9365	LENS FLEX. U.	
213	VMB3504	F SPRING	
214	VML3592	LEVER	
215	VMP6769	PROTECT SHEET	
216	VMS6943	GUIDE POLE	
217	VMS6943	GUIDE POLE	
218	VXP2122	2ND MOVING FRAME U.	
219	VXP2124	4TH MOVING FRAME U.	
220	VXQ1010	MAIN FRAME U.	
221	VXQ1011	3RD MOVING FRAME U.	
222	VDW0742	F FIX FRAME	
223	VMS6838	F GUIDE POLE	
224	VXQ1012	F FRAME U.	
B200	VHD0852	SCREW	
B201	VHD0852	SCREW	
B202	XQN16+CJ5	SCREW	
B203	XQN16+CJ5	SCREW	
B204	XQN16+CJ5	SCREW	
B205	XQN16+CJ5	SCREW	
B206	XQN16+CJ5	SCREW	
B207	XQN16+CJ5	SCREW	
B208	XQN16+CJ5	SCREW	
B209	XQN16+CJ5	SCREW	
B210	XQN16+CJ5	SCREW	
B211	XQN16+CJ5	SCREW	
B212	XQN16+CJ8	SCREW	
B213	XQN16+CJ8	SCREW	
B214	XQN16+CJ8	SCREW	
B215	XQN16+CJ6	SCREW	
B216	XQN16+CJ6	SCREW	

10.1.4. EVF SECTION PARTS LIST

Ref. No.	Part No.	Part Name & Description	Remarks
<<EVF ASSEMBLY M2>>			
601	VJF1441	EVF HOLD PIECE	
602	VGQ6439	PANEL HOLDER	
603	VGQ6438	EVF MASK	
604	L5BDAXG00004	LCD PANEL U.	
605	VGQ6440	DOUBLE-SIDED TAPE	
606	VGQ6441	BL HOLDER	
607	VGQ6442	POLARIZING PLATE 2	
608	VGQ6443	DIFFUSION PLATE	
613	VGQ6462	FIXING TAPE	
614	VKM5320	EVF CASE	
615	VXA6823	EVF HINGE U.	
616	VGQ5557	EYE CAP HOLDER	
617	VGQ5559	EYE CORRECT LEVER	
618	VGQ5726	EYE CORRECT WASHER	
619	VGQ6024	EYE CORRECT PIECE	
620	VMG1272	EYE CAP	
621	VDL1162	EVF LENS A	
622	VDL1163	EVF LENS B	
623	VGQ6486	EVF LENS HOLDER	
624	VGQ6026	LENS SPACER BACK	
625	VGQ6027	LENS SPACER FRONT	
626	VGQ6437	POLARIZING PLATE 1	
630	VEP000W2A	EVF FLEX. CARD	
631	VYQ2303	EYE CAP HOLDER U.	
B146	LY30031-036A	SPECIAL SCREW	
B147	LY30031-036A	SPECIAL SCREW	
B601	XQN16+BJ5FZ	SCREW (LEVER)	
B602	XQN2+BJ5FZ	SCREW (CASE)	

10.1.5. MECHANISM SECTION PARTS LIST

Ref. No.	Part No.	Part Name & Description	Remarks
<<MECHANISM ASSEMBLY M3>>			
400	YMA0045A-E	MECHA(B) ASSY	RTL
401	LY20612-002A	MAIN DECK ASSY	
402	LY31817-001A	CASSETTE GUIDE (L)	
403	LY31815-001A	SW LEVER (L)	
404	LY42581-001A	TORSION SPRING	
408	LY31826-002A	MOTOR BRACKET ASSY	
409	LY20951-001A	WORM BRACKET	
411	LY31925-001A	WHEEL GEAR	
412	LY42730-001A	MIDDLE GEAR	
413	LY42521-002A	CANCEL LEVER ASSY	
415	YQ20827-2-1	CONTROL CAM	
417	LY42733-001A	LOADING GEAR(T) ASSY	
419	LY42732-001A	LOADING GEAR(S) ASSY	
421	LY42403-001A	COVER PLATE	
422	LY42452-002A	LOADING RING ASSY	
424	LY10239-001A	GUIDE RAIL	
426	LY30161-001B	POLE BASE(S) ASSY	
427	LY30162-002A	POLE BASE(T) ASSY	
428	LY42523-002A	DRIVE LEVER ASSY	
429	LY44000-002A	SLANT ARM ASSY	
430	LY43992-001A	TORSION SPRING(S)	
431	LY42739-003A	ROLLER BASE ASSY	
433	LY42494-002B	LINK ARM ASSY	
435	LY44432-001A	PINCH ROLLER ARM ASSY	
437	LY42541-001C	TAKE UP GUIDE ARM ASSY	
439	LY42571-002A	TENSION ARM ASSY	
440	LY42669-001A	TENSION SPRING	
441	YQ20797-1-5	MOTOR BASE	
444	QAR0212-003	CAPSTAN MOTOR	
446	LY42731-001A	SLANT POLE BASE ASSY	
448	YQ43710-2	TIMING BELT	
449	LY42678-004A	CENTER PULLEY UNIT	
451	LY42670-001A	SUPPLY CLUTCH ASSY	
453	YQ31861-1-7	REEL DISC	
455	LY31924-001A	TAKE UP GEAR	
456	LY42738-001A	BRAKE SUB GEAR	
458	LY33747-001A	A/C HEAD UNIT	
460	LY42517-002A	EJECT LEVER ASSY	
462	YQ31833-1-1	LED GUIDE	
464	LY42729-001A	DRUM SPACER	
466	QSW1006-001	ROTARY ENCODER	
468	LY31814-002A	LINK LEVER	
469	YDV2099D	DRUM FINAL ASSY	
470	YDM1003-1-5	CATCHER	
472	LY43542-001A	BRUSH	
481	LY31808-003A	CASSETTE HOUSING FINAL	ASSY
484	LY32326-002A	BRACKET (MECHA)	
487	LY31807-002A	SIDE BRACKET L	
488	LY33428-001B	TAPE GUIDE	
489	LY44193-002A	FRONT FRAME SA	
490	LY44176-002A	TENSION SPRING	
B401	LY42722-004A	TAPPING SCREW	
B402	LY42722-004A	TAPPING SCREW	
B403	LY42722-004A	TAPPING SCREW	
B404	LY42728-002A	TAPPING SCREW	
B405	LY42728-002A	TAPPING SCREW	
B406	LY42728-002A	TAPPING SCREW	
B407	LY42728-002A	TAPPING SCREW	
B408	LY42728-002A	TAPPING SCREW	
B409	LY42728-002A	TAPPING SCREW	
B410	LY42728-002A	TAPPING SCREW	
B411	LY42728-002A	TAPPING SCREW	
B412	LY42728-002A	TAPPING SCREW	
B413	LY42728-002A	TAPPING SCREW	
B414	LY42728-002A	TAPPING SCREW	
B415	LY42722-004A	TAPPING SCREW	
B416	LY42722-004A	TAPPING SCREW	

Ref. No.	Part No.	Part Name & Description	Remarks
B417	LY42722-004A	TAPPING SCREW	
B418	YQ44460-2	TAPPING SCREW	
B419	YQ44304-2	TAPPING SCREW	
B420	YQ44304-2	TAPPING SCREW	
B421	YQ44304-2	TAPPING SCREW	
B422	YQ44304-2	TAPPING SCREW	
B423	LY42722-005A	TAPPING SCREW	
B424	LY42722-005A	TAPPING SCREW	
B425	QYSPSGU1750	TAP SCREW	
B426	QYSPSGU1750	TAP SCREW	
B427	LY42722-004A	TAPPING SCREW	
B428	LY42722-004A	TAPPING SCREW	
B429	LY42722-004A	TAPPING SCREW	
B430	LY42722-005A	TAPPING SCREW	
B431	LY42722-005A	TAPPING SCREW	
B432	LY42722-005A	TAPPING SCREW	
B433	LY42722-005A	TAPPING SCREW	
B434	QYSPSPU1735	SCREW	
B435	QYSPSPU1735	SCREW	
B436	LY42722-004A	TAPPING SCREW	
B437	LY42722-004A	TAPPING SCREW	
B438	QYSPSPU1740	SCREW	
B439	QYSPSPU1740	SCREW	
B440	LY42722-006A	TAPPING SCREW	
B441	LY42722-006A	TAP SCREW	
B442	LY42722-006A	TAP SCREW	
B443	LY42722-006A	TAP SCREW	
B444	LY42722-006A	TAP SCREW	
B445	LY42722-006A	TAP SCREW	
B446	LY42722-006A	TAP SCREW	
B447	LY42722-006A	TAPPING SCREW	
B448	QYSPSGU1750	SCREW	
B449	QYSPSGU1750	SCREW	
B450	LY42722-004A	TAPPING SCREW	
W401	LY42754-003A	SLIT WASHER	
W402	LY42754-003A	SLIT WASHER	
W403	PQM30017-25	SLIT WASHER	
W404	LY42754-003A	SLIT WASHER	
W405	LY42754-003A	SLIT WASHER	
W406	LY42754-003A	SLIT WASHER	
W407	PQM30017-25	SLIT WASHER	
W408	PQM30017-25	SLIT WASHER	
W409	LY42754-003A	SLIT WASHER	
W410	LY42754-003A	SLIT WASHER	
W411	LY42754-003A	SLIT WASHER	
W412	LY42755-001A	WASHER	
W413	LY42754-003A	SLIT WASHER	
W414	LY42754-003A	SLIT WASHER	
W415	LY42754-003A	SLIT WASHER	
W416	LY42754-003A	SLIT WASHER	

Ref. No.	Part No.	Part Name & Description	Remarks
16	LY20839-001A	HOODCAP ASSY	
17	LY43412-001A	REMOTE CTL UNIT	
21	LY34145-001B	COVER 1 (DC PLUG)	
22	LY34146-001B	COVER 2 (DC PLUG)	

10.1.6. PACKING PARTS & ACCESSORIES SECTION PARTS LIST

Ref. No.	Part No.	Part Name & Description	Remarks
		<<PACKING AND ACCESSORY ASS>>	
1	LY33963-001A	PACKING CASE	
2	LY33632-001B	CUSHION	
3	LY32726-001A	POLY BAG	
5	VQT0H40	INST BOOK (EN.CH.RU.AR) (ENGLISH.CHINESE. RUSSIAN.ARABIC)	△
10	QPA02003506P	POLY BAG	
11	VSK0657	AC ADAPTOR	△ LY21104-006B
12	QMPL270-190	POWER CORD (EU)	△
13	QMPP210-190	POWER CORD (EK)	△ (NV-VZ18GCS)
15	LY43550-001A	SHOULDER STRAP	

10.2. ELECTRICAL REPLACEMENT PARTS LIST

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(μF), P=μF.
 4. The P.C Board units marked with "M" show below the main assembled parts.
 5. 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.

Ref. No.	Part No.	Part Name & Description	Remarks
	YB10451EA-01	MAIN BOARD ASSY	(RTL)
	YB20917A-02	FRONT BOARD ASSY	(RTL)
	YB20935G	MONITOR BOARD ASSY	(RTL)
	YB10451EA-01	MAIN BOARD ASSY	(RTL)
C103	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M
C104	NCB31EK-103X	C CAPACITOR	0.01uF 25V K
C105	NCB21CK-224X	C CAPACITOR	0.22uF 16V K
C107	NCB31EK-103X	C CAPACITOR	0.01uF 25V K
C108	NBE21AM-225X	TA E CAPACITOR	2.2uF 10V M
C109	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M
C110	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C112	NBAF0JM-226X	E CAPACITOR	22uF 6.3V M
C113	NCB31EK-103X	C CAPACITOR	0.01uF 25V K
C114	NCB31EK-103X	C CAPACITOR	0.01uF 25V K
C115	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C116	NCB31EK-103X	C CAPACITOR	0.01uF 25V K
C118	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C119	NCB31EK-103X	C CAPACITOR	0.01uF 25V K
C120	NCB31EK-103X	C CAPACITOR	0.01uF 25V K
C121	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C122	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C123	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C124	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C125	NCB31EK-103X	C CAPACITOR	0.01uF 25V K
C126	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C127	NCB31CK-333X	C CAPACITOR	0.033uF 16V K
C128	NCB21CK-474X	C CAPACITOR	0.47uF 16V K
C129	NCB31CK-333X	C CAPACITOR	0.033uF 16V K
C131	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C132	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C133	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C134	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C138	NCB31EK-103X	C CAPACITOR	0.01uF 25V K
C140	NCB31EK-103X	C CAPACITOR	0.01uF 25V K
C142	NDC31HJ-3R0X	C CAPACITOR	3pF 50V J
C1201	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C1202	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M
C1205	NCB31EK-153X	C CAPACITOR	0.015uF 25V K
C1206	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M
C1601	NCB31EK-223X	C CAPACITOR	0.022uF 25V K
C1602	NCB31EK-223X	C CAPACITOR	0.022uF 25V K
C1603	NCB31EK-223X	C CAPACITOR	0.022uF 25V K
C1604	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M
C1605	NCB31HK-681X	C CAPACITOR	680pF 50V K
C1606	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M
C1607	NCB21CK-474X	C CAPACITOR	0.47uF 16V K
C1608	NCB31HK-152X	C CAPACITOR	1500pF 50V K
C1609	NCB21CK-334X	C CAPACITOR	0.33uF 16V K
C1610	NCB31HK-682X	C CAPACITOR	6800pF 50V K
C1611	NCB31HK-682X	C CAPACITOR	6800pF 50V K
C1612	NCB31EK-103X	C CAPACITOR	0.01uF 25V K
C1613	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C1614	NCB31EK-103X	C CAPACITOR	0.01uF 25V K

Ref. No.	Part No.	Part Name & Description	Remarks
C1615	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C1616	NCB21EK-224X	C CAPACITOR	0.22uF 25V K
C1617	NCB21EK-224X	C CAPACITOR	0.22uF 25V K
C1618	NCB31CK-683X	C CAPACITOR	0.068uF 16V K
C1619	NCB31EK-103X	C CAPACITOR	0.01uF 25V K
C1620	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M
C1621	NBE21AM-106X	TA E CAPACITOR	10uF 10V M
C1629	NCB21EK-224X	C CAPACITOR	0.22uF 25V K
C1630	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M
C2001	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M
C2002	NFV91HJ-183X	MPPS CAPACITOR	0.018uF 50V J
C2003	NDC31HJ-331X	C CAPACITOR	330pF 50V J
C2004	NBE20JM-226X	TA E CAPACITOR	22uF 6.3V M
C2005	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2021	NCB31EK-103X	C CAPACITOR	0.01uF 25V K
C2022	NBE20JM-156X	TA E CAPACITOR	15uF 6.3V M
C2023	NBP21CM-105X	TA E CAPACITOR	1uF 16V M
C2024	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C2025	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2026	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C2027	NCB21EK-333X	C CAPACITOR	0.033uF 25V K
C2028	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2029	NCB21HK-472X	C CAPACITOR	4700pF 50V K
C2031	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C2032	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C2033	NBE20JM-475X	TA E CAPACITOR	4.7uF 6.3V M
C2034	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C2035	NBE20JM-226X	TA E CAPACITOR	22uF 6.3V M
C2036	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M
C2038	NCB21CK-474X	C CAPACITOR	0.47uF 16V K
C2040	NDC31HJ-680X	C CAPACITOR	68pF 50V J
C2051	NCB31EK-103X	C CAPACITOR	0.01uF 25V K
C2071	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M
C2072	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C2401	NBAF0GM-476X	E CAPACITOR	47uF 4V M
C2402	NCB21CK-105X	C CAPACITOR	1uF 16V K
C2403	NBE20JM-475X	TA E CAPACITOR	4.7uF 6.3V M
C2404	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C3506	NCB31EK-103X	C CAPACITOR	0.01uF 25V K
C3507	NCB31EK-103X	C CAPACITOR	0.01uF 25V K
C3508	NCB31EK-103X	C CAPACITOR	0.01uF 25V K
C3509	NDC31HJ-221X	C CAPACITOR	220pF 50V J
C3510	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C3512	NCB10JK-106X	C CAPACITOR	10uF 6.3V K
C3513	NCB31CK-223X	C CAPACITOR	0.022uF 16V K
C3514	NCB30JK-105X	C CAPACITOR	1uF 6.3V K
C3515	NCB31EK-103X	C CAPACITOR	0.01uF 25V K
C3516	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C3902	NCB31EK-103X	C CAPACITOR	0.01uF 25V K
C3903	NDC31HJ-3R0X	C CAPACITOR	3pF 50V J
C4002	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C4003	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C4004	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C4005	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C4007	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C4008	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C4009	NDC31HG-100X	C CAPACITOR	10pF 50V G
C4010	NDC31HG-100X	C CAPACITOR	10pF 50V G
C4012	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C4013	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C4015	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C4017	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C4018	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C4019	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C4021	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C4023	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C4026	NCB10JK-106X	C CAPACITOR	10uF 6.3V K
C4027	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C4028	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C4030	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C4031	NCB30JK-105X	C CAPACITOR	1uF 6.3V K
C4032	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C4033	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z

Ref. No.	Part No.	Part Name & Description	Remarks
C4035	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C4037	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C4038	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C4039	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C4040	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C4041	NCB30JK-105X	C CAPACITOR	1uF 6.3V K
C4042	NCB30JK-105X	C CAPACITOR	1uF 6.3V K
C4045	NCB30JK-105X	C CAPACITOR	1uF 6.3V K
C4046	NDC31HJ-221X	C CAPACITOR	220pF 50V J
C4047	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C4048	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C4049	NCB10JK-106X	C CAPACITOR	10uF 6.3V K
C4052	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C4053	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C4054	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C4055	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C4201	NEAF1HM-225X	E CAPACITOR	2.2uF 50V M
C4202	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C4203	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4205	NCB31EK-103X	C CAPACITOR	0.01uF 25V K
C4206	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4207	NCB31EK-103X	C CAPACITOR	0.01uF 25V K
C4208	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4209	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4210	NCF21CZ-105X	C CAPACITOR	1uF 16V Z
C4211	NCB30JK-105X	C CAPACITOR	1uF 6.3V K
C4212	NCB30JK-105X	C CAPACITOR	1uF 6.3V K
C4251	NEA71HM-335X	E CAPACITOR	3.3uF 50V M
C4252	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4253	NCB31EK-153X	C CAPACITOR	0.015uF 25V K
C4254	NCB31EK-153X	C CAPACITOR	0.015uF 25V K
C4256	NEA71CM-106X	E CAPACITOR	10uF 16V M
C4501	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C4502	NDC31HJ-330X	C CAPACITOR	33pF 50V J
C4503	NCB31CK-333X	C CAPACITOR	0.033uF 16V K
C4504	NCB31CK-333X	C CAPACITOR	0.033uF 16V K
C4505	NCB31CK-333X	C CAPACITOR	0.033uF 16V K
C4506	NCB31CK-333X	C CAPACITOR	0.033uF 16V K
C4507	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C4508	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C4509	NBP21CM-106X	TA E CAPACITOR	10uF 16V M
C4510	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C4515	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C4516	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C4702	NDC31HJ-270X	C CAPACITOR	27pF 50V J
C4703	NDC31HJ-5R0X	C CAPACITOR	5pF 50V J
C4704	NCB30JK-105X	C CAPACITOR	1uF 6.3V K
C4705	NCB31EK-103X	C CAPACITOR	0.01uF 25V K
C4706	NEAF0GM-107X	E CAPACITOR	100uF 4V M
C4707	NEAF0JM-226X	E CAPACITOR	22uF 6.3V M
C4708	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C4709	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M
C4716	NDC31HJ-270X	C CAPACITOR	27pF 50V J
C4717	NDC31HJ-5R0X	C CAPACITOR	5pF 50V J
C5201	NCB10JK-106X	C CAPACITOR	10uF 6.3V K
C5203	NBP21CM-685X	TA E CAPACITOR	6.8uF 16V M
C5204	NCB11EK-105X	C CAPACITOR	1uF 25V K
C5206	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C5207	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C5209	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C5211	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C5212	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C5213	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C5214	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C5215	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
C5216	NCB21CK-105X	C CAPACITOR	1uF 16V K
C5218	NCB30JK-105X	C CAPACITOR	1uF 6.3V K
C5219	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C5220	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C5221	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C5222	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C5223	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C5224	NCB11EK-105X	C CAPACITOR	1uF 25V K

Ref. No.	Part No.	Part Name & Description	Remarks
C5225	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C5226	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C5231	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C6003	NBAF1CM-106X	E CAPACITOR	10uF 16V M
C6021	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C6022	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C6023	NCF21CZ-105X	C CAPACITOR	1uF 16V Z
C6024	NCF21CZ-105X	C CAPACITOR	1uF 16V Z
C6025	NCF21CZ-105X	C CAPACITOR	1uF 16V Z
C6026	NCF21CZ-105X	C CAPACITOR	1uF 16V Z
C6027	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C6029	NCB31EK-333X	C CAPACITOR	0.033uF 25V K
C6030	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C6031	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C6032	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C6033	NCB31EK-103X	C CAPACITOR	0.01uF 25V K
C6034	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C6035	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C6036	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C6037	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C6038	NCB31EK-103X	C CAPACITOR	0.01uF 25V K
C6039	NCB21CK-224X	C CAPACITOR	0.22uF 16V K
C6040	NCB31EK-473X	C CAPACITOR	0.047uF 25V K
C6041	NCB31EK-473X	C CAPACITOR	0.047uF 25V K
C6042	NCB31EK-473X	C CAPACITOR	0.047uF 25V K
C6043	NCB31CK-683X	C CAPACITOR	0.068uF 16V K
C6044	NCB31EK-103X	C CAPACITOR	0.01uF 25V K
C6045	NCF21CZ-105X	C CAPACITOR	1uF 16V Z
C6046	NCB31HK-561X	C CAPACITOR	560pF 50V K
C6101	NCB21CK-105X	C CAPACITOR	1uF 16V K
C6103	NCB10JK-106X	C CAPACITOR	10uF 6.3V K
C6104	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C6201	NCB21CK-105X	C CAPACITOR	1uF 16V K
C6203	NCB10JK-106X	C CAPACITOR	10uF 6.3V K
C6204	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C6301	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C6303	NCB10JK-106X	C CAPACITOR	10uF 6.3V K
C6304	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C6305	NBAF1CM-106X	E CAPACITOR	10uF 16V M
C6401	NCB21CK-105X	C CAPACITOR	1uF 16V K
C6403	NCF21CZ-105X	C CAPACITOR	1uF 16V Z
C6405	NCB31CK-683X	C CAPACITOR	0.068uF 16V K
C6501	NCB21CK-105X	C CAPACITOR	1uF 16V K
C6503	NCF21CZ-105X	C CAPACITOR	1uF 16V Z
C6505	NCB21CK-105X	C CAPACITOR	1uF 16V K
C6602	NCF21CZ-105X	C CAPACITOR	1uF 16V Z
C6603	NCB11EK-105X	C CAPACITOR	1uF 25V K
C6605	NCB21CK-105X	C CAPACITOR	1uF 16V K
C6606	NCF21CZ-105X	C CAPACITOR	1uF 16V Z
C6607	NCB11EK-105X	C CAPACITOR	1uF 25V K
C6609	NCB21CK-105X	C CAPACITOR	1uF 16V K
C6701	NCB21CK-105X	C CAPACITOR	1uF 16V K
C6703	NCB21CK-105X	C CAPACITOR	1uF 16V K
C6801	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C6802	NCF21CZ-105X	C CAPACITOR	1uF 16V Z
C6803	NCF21CZ-105X	C CAPACITOR	1uF 16V Z
C6804	NCB31EK-103X	C CAPACITOR	0.01uF 25V K
C7001	NBP41EM-475X	TA E CAPACITOR	4.7uF 25V M
C7002	NCB31EK-103X	C CAPACITOR	0.01uF 25V K
C7003	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M
C7004	NCB31EK-103X	C CAPACITOR	0.01uF 25V K
C7005	NCB31EK-103X	C CAPACITOR	0.01uF 25V K
C7006	NCB11EK-105X	C CAPACITOR	1uF 25V K
C7007	NCB11EK-105X	C CAPACITOR	1uF 25V K
C7008	NCB11EK-105X	C CAPACITOR	1uF 25V K
C9301	NDC31HJ-181X	C CAPACITOR	180pF 50V J
C9302	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C9303	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C9304	NCB21CK-105X	C CAPACITOR	1uF 16V K
C9305	NCB31CK-223X	C CAPACITOR	0.022uF 16V K
C9306	NCB31EK-103X	C CAPACITOR	0.01uF 25V K
C9307	NCB21EK-104X	C CAPACITOR	0.1uF 25V K
C9308	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z

Ref. No.	Part No.	Part Name & Description	Remarks
C9309	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C9310	NCZ1042-475X	C CAPACITOR	4.7uF
C9311	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z
C9312	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C9314	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C9315	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C9318	NCB11EK-105X	C CAPACITOR	1uF 25V K
C9320	NCB11EK-105X	C CAPACITOR	1uF 25V K
C9322	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
CN1	QGF0534F1-10	CONNECTOR	DRUM.MOTOR FFC/FPC (1-10)
CN2	QGF0534F1-14	CONNECTOR	SENSOR FFC/ FPC (1-14)
CN3	QGF0503F4-18	CONNECTOR	CAPSTAN.M. FFC/FPC (1-18)
CN4	QGA1201F2-02	CONNECTOR	LOADING.M. W-B (1-2)
CN5	QGF0534F1-11	CONNECTOR	VIDEO.HEAD FFC/FPC (1-11)
CN7	QGF0534F1-11	CONNECTOR	A/C.HEAD FFC/FPC (1-11)
CN8	QGA1201C2-02	CONNECTOR	MIC W-B (1-2)
CN15	QGF0505F2-22	CONNECTOR	OP FFC/FPC (1-22)
CN16	QGF0534F1-25	CONNECTOR	LCD 25P FFC/ FPC (1-25)
CN18	QGF0503C1-13	CONNECTOR	TOP OPE FFC/ FPC (1-13)
CN22	QGF0534F1-14	CONNECTOR	CCD FFC/FPC (1-14)
CN25	QGB0801M1-22	CONNECTOR	JV/PA JIG B-B (1-22)
CN27	QGA1201C2-02	CONNECTOR	SPEAKER 2P W-B (1-2)
CN28	QGA1002F1-10	CONNECTOR	REAR.UNIT W-B (1-10)
CN9012	QGF0503F4-20	CONNECTOR	PANA BW VF FFC/FPC (1-20)
CN9013	QGF0524F1-16	CONNECTOR	PANA Z.OPE FFC/FPC (1-16)
CN9031	QGF0534F1-10	CONNECTOR	PANA FR FFC/ FPC (1-10)
D101	SB007W03Q	SB DIODE	△
D102	UDZS7.5B-X	Z DIODE	
D103	1SS355-X	SI DIODE	
D104	1SS355-X	SI DIODE	
D5201	1SS355-X	SI DIODE	
D6301	RB160M-30-X	SB DIODE	
D6601	RB480Y	SB DIODE	
D6602	RB480Y	SB DIODE	
D6604	UDZS7.5B-X	Z DIODE	
D6701	CRS09	SB DIODE	
D6702	CRS09	SB DIODE	
D9301	MA111	SI DIODE	
F1601	NMFZ007-R20X	FUSE	△ 0.2A 50V
F1602	NMFZ007-R50X	FUSE	△ 0.5A 50V
F6001	NMFZ007-2R0X	FUSE	△ 2A 32V
F6301	NMFZ007-1R6X	FUSE	△ 1.6A 32V
F6302	NMFZ007-R40X	FUSE	△ 0.4A 50V
F6801	NMFZ007-R20X	FUSE	△ 0.2A 50V
IC101	D703039-059	IC(MICRO C ROM)	
IC102	CAT25C16SI	IC	
IC103	RS5C314	IC	
IC104	BD4827FVE	IC	
IC1601	BD6637KV	IC	△
IC2001	MC74AC04DT	IC	
IC2401	NJM2149V	IC	

Ref. No.	Part No.	Part Name & Description	Remarks
IC3501	HA118224F	IC	
IC4001	JCY0184	IC	
IC4003	D6467GR-558	IC(MICRO C ROM)	
IC4201	BA10324AF	IC	
IC4202	BA10324AF	IC	
IC4501	DI6835AGS	IC	
IC4701	MM1512XN	IC	
IC5201	HD49335F	IC	
IC5202	MN31121SA	IC	
IC6001	FA3698F	IC	
IC9301	MCVVQ111AFB	IC	
J101	QAB0050-001	LITHIUM BATTERY	△ CR2032/H1G 3V 220MAH
J504	LY33041-001A	JACK UNIT	A/V OUT
L101	NQL315K-220X	COIL	22uH K
L1601	NQL144M-1R0X	P COIL	1uH M
L1602	NQL144K-470X	P COIL	47uH K
L1603	NQL144K-470X	P COIL	47uH K
L2001	NQL144K-470X	P COIL	47uH K
L2003	NQL034K-470X	P COIL	47uH K
L2004	NQR0406-003X	FERRITE BEADS	
L2005	NQR0406-003X	FERRITE BEADS	
L2021	NQL315K-470X	COIL	47uH K
L2022	NQR0406-003X	FERRITE BEADS	
L2023	NQR0406-003X	FERRITE BEADS	
L2051	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
L2052	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
L2071	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
L2072	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
L2401	NQL315K-470X	COIL	47uH K
L3502	NQL315K-220X	COIL	22uH K
L3503	NQL085J-5R6X	COIL	5.6uH J
L4001	NQL315K-220X	COIL	△ 22UH K
L4002	NQL315K-220X	COIL	△ 22UH K
L4201	NQR0006-001X	FERRITE BEADS	
L4501	NQR0006-001X	FERRITE BEADS	
L4503	NQL034K-101X	P COIL	100uH K
L4701	NQL315K-220X	COIL	22uH K
L5201	NQL315K-220X	COIL	22uH K
L5203	NQL315K-220X	COIL	22uH K
L5204	NQL315K-220X	COIL	22uH K
L6001	NQL82EN-100X	COIL	10uH N
L6002	NQL82EN-100X	COIL	10uH N
L6101	NQL82EN-330X	COIL	33uH N
L6201	NQL82EN-470X	COIL	47uH N
L6301	NQL52EM-220X	COIL	22uH M
L6303	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
L6401	NQL52EM-470X	COIL	47uH M
L6501	NQL52EM-470X	COIL	47uH M
L6601	NQL52EM-221X	COIL	220uH M
L6701	NQL73EM-100X	COIL	10uH M
L7001	NQL315K-220X	COIL	22uH K
L7002	NQL315K-220X	COIL	22uH K
L9303	NQR0006-001X	FERRITE BEADS	
L9401	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
OT1	LY30016-049A	SPACER-A	AUDIO PB
PW1	YB10451EA-01	MAIN BOARD ASSY	(RTL)
Q101	2SA1774-RS	TRANSISTOR	
Q102	DTC144EE	DIGI TRANSISTOR	
Q103	2SC4617-QR	TRANSISTOR	
Q105	2SC4617-RS	TRANSISTOR	
Q108	DTC114EE	DIGI TRANSISTOR	
Q109	DTC114EE	DIGI TRANSISTOR	
Q2001	DTA114TE	DIGI TRANSISTOR	
Q2007	PUMX1	PAIR TRANSISTOR	
Q2008	PUMT1	PAIR TRANSISTOR	
Q2021	DTC144EE	DIGI TRANSISTOR	

Ref. No.	Part No.	Part Name & Description	Remarks
Q2022	DTC144EE	DIGI TRANSISTOR	
Q2023	2SC4617-QR	TRANSISTOR	
Q2071	2SC4617-QR	TRANSISTOR	
Q2401	DTC144EE	DIGI TRANSISTOR	
Q3501	HN1C01FU/G/	PAIR TRANSISTOR	
Q3502	HN1C01FU/G/	PAIR TRANSISTOR	
Q3901	HN1A01FU/G/	PAIR TRANSISTOR	
Q4201	2SC4617-QR	TRANSISTOR	
Q4202	2SC4617-QR	TRANSISTOR	
Q4501	DTC114EE	DIGI TRANSISTOR	
Q4502	2SC4097-R	TRANSISTOR	
Q4503	2SB1122/S/-X	TRANSISTOR	
Q4504	2SA1577-R	TRANSISTOR	
Q4701	2SA1774-QR	TRANSISTOR	
Q4702	2SA1774-QR	TRANSISTOR	
Q6101	QS6U24	MOS FET	
Q6201	QS6U24	MOS FET	
Q6301	FDC6506P	MOS FET	
Q6401	QS6U24	MOS FET	
Q6501	QS6U24	MOS FET	
Q6602	HN1C01FU/G/	PAIR TRANSISTOR	
Q6603	2SA1577-R	TRANSISTOR	
Q6604	DTC144EE	DIGI TRANSISTOR	
Q6701	RSQ035P03	MOS FET	
Q6802	2SB1121-TU	TRANSISTOR	
Q6803	DTA144EUA	DIGI TRANSISTOR	
Q7001	PUMX1	PAIR TRANSISTOR	
Q7002	PUMX1	PAIR TRANSISTOR	
Q7003	PUMX1	PAIR TRANSISTOR	
Q7301	2SA1774-QR	TRANSISTOR	
Q7301	2SA1836/5-6	TRANSISTOR	
Q7301	BC857BT	TRANSISTOR	
Q9101	2SC4617-QR	TRANSISTOR	
Q9102	2SC4617-QR	TRANSISTOR	
Q9103	2SC4617-QR	TRANSISTOR	
Q9104	2SC4617-QR	TRANSISTOR	
Q9105	2SC4617-QR	TRANSISTOR	
Q9106	DTC114EE	DIGI TRANSISTOR	
Q9107	DTC114EE	DIGI TRANSISTOR	
Q9303	DTC144EE	DIGI TRANSISTOR	
Q9901	HN1B01FU/G/	PAIR TRANSISTOR	
Q9902	HN1B01FU/G/	PAIR TRANSISTOR	
Q9903	2SC4617-RS	TRANSISTOR	
Q9904	2SC4617-RS	TRANSISTOR	
R101	NRSA63J-104X	MG RESISTOR	100k 1/16W J
R102	NRSA63J-331X	MG RESISTOR	330 1/16W J
R103	NRSA63J-331X	MG RESISTOR	330 1/16W J
R105	NRSA63J-103X	MG RESISTOR	10k 1/16W J
R106	NRSA63J-222X	MG RESISTOR	2.2k 1/16W J
R107	NRVA63D-153X	CMF RESISTOR	15k 1/16W D
R108	NRVA63D-243X	CMF RESISTOR	24k 1/16W D
R109	NRVA63D-183X	CMF RESISTOR	18k 1/16W D
R110	NRSA63J-103X	MG RESISTOR	10k 1/16W J
R111	NRSA63J-273X	MG RESISTOR	27k 1/16W J
R112	NRSA63J-331X	MG RESISTOR	330 1/16W J
R113	NRSA63J-103X	MG RESISTOR	10k 1/16W J
R114	NRSA63J-332X	MG RESISTOR	3.3k 1/16W J
R115	NRSA63J-103X	MG RESISTOR	10k 1/16W J
R116	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
R117	NRSA63J-102X	MG RESISTOR	1k 1/16W J
R118	NRSA63J-103X	MG RESISTOR	10k 1/16W J
R119	NRSA63J-103X	MG RESISTOR	10k 1/16W J
R120	NRSA63J-273X	MG RESISTOR	27k 1/16W J
R121	NRSA63J-273X	MG RESISTOR	27k 1/16W J
R122	NRSA63J-393X	MG RESISTOR	39k 1/16W J
R123	NRSA63J-474X	MG RESISTOR	470k 1/16W J
R124	NRSA63J-222X	MG RESISTOR	2.2k 1/16W J
R125	NRSA63J-273X	MG RESISTOR	27k 1/16W J
R126	NRSA63J-153X	MG RESISTOR	15k 1/16W J
R127	NRSA63J-221X	MG RESISTOR	220 1/16W J
R128	NRSA63J-823X	MG RESISTOR	82k 1/16W J
R129	NRSA63J-823X	MG RESISTOR	82k 1/16W J

Ref. No.	Part No.	Part Name & Description	Remarks
R130	NRSA63J-105X	MG RESISTOR	1M 1/16W J
R131	NRSA63J-473X	MG RESISTOR	47k 1/16W J
R132	NRSA63J-222X	MG RESISTOR	2.2k 1/16W J
R133	NRSA63J-222X	MG RESISTOR	2.2k 1/16W J
R134	NRSA63J-331X	MG RESISTOR	330 1/16W J
R135	NRSA63J-333X	MG RESISTOR	33k 1/16W J
R136	NRSA63J-474X	MG RESISTOR	470k 1/16W J
R137	NRSA63J-474X	MG RESISTOR	470k 1/16W J
R138	NRSA63J-333X	MG RESISTOR	33k 1/16W J
R139	NRSA63J-104X	MG RESISTOR	100k 1/16W J
R140	NRSA63J-753X	MG RESISTOR	75k 1/16W J
R141	NRSA63J-334X	MG RESISTOR	330k 1/16W J
R142	NRSA63J-103X	MG RESISTOR	10k 1/16W J
R143	NRSA63J-105X	MG RESISTOR	1M 1/16W J
R144	NRSA63J-221X	MG RESISTOR	220 1/16W J
R145	NRSA63J-222X	MG RESISTOR	2.2k 1/16W J
R146	NRSA63J-222X	MG RESISTOR	2.2k 1/16W J
R147	NRSA63J-472X	MG RESISTOR	4.7k 1/16W J
R148	NRSA63J-222X	MG RESISTOR	2.2k 1/16W J
R149	NRSA63J-222X	MG RESISTOR	2.2k 1/16W J
R150	NRSA63J-222X	MG RESISTOR	2.2k 1/16W J
R151	NRSA63J-222X	MG RESISTOR	2.2k 1/16W J
R152	NRSA63J-474X	MG RESISTOR	470k 1/16W J
R153	NRSA63J-474X	MG RESISTOR	470k 1/16W J
R154	NRSA63J-222X	MG RESISTOR	2.2k 1/16W J
R155	NRSA63J-104X	MG RESISTOR	100k 1/16W J
R156	NRSA63J-102X	MG RESISTOR	1K 1/16W J
R157	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
R160	NRSA63J-103X	MG RESISTOR	10k 1/16W J
R161	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
R162	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
R163	NRSA63J-103X	MG RESISTOR	10k 1/16W J
R164	NRSA63J-221X	MG RESISTOR	220 1/16W J
R165	NRSA63J-151X	MG RESISTOR	150 1/16W J
R166	NRSA63J-105X	MG RESISTOR	1M 1/16W J
R167	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
R168	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
R169	NRSA63J-474X	MG RESISTOR	470k 1/16W J
R170	NRSA63J-474X	MG RESISTOR	470k 1/16W J
R171	NRSA63J-105X	MG RESISTOR	1M 1/16W J
R172	NRSA63J-101X	MG RESISTOR	100 1/16W J
R173	NRSA63J-105X	MG RESISTOR	1M 1/16W J
R174	NRSA63J-331X	MG RESISTOR	330 1/16W J
R175	NRSA63J-472X	MG RESISTOR	4.7k 1/16W J
R176	NRSA63J-222X	MG RESISTOR	2.2k 1/16W J
R177	NRSA63J-474X	MG RESISTOR	470k 1/16W J
R178	NRSA63J-222X	MG RESISTOR	2.2k 1/16W J
R179	NRSA63J-474X	MG RESISTOR	470k 1/16W J
R180	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
R190	NRSA63J-221X	MG RESISTOR	220 1/16W J
R191	NRSA63J-103X	MG RESISTOR	10k 1/16W J
R192	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
R193	NRSA63J-103X	MG RESISTOR	10k 1/16W J
R198	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
R1601	NRV142F-R33X	CMF RESISTOR	0.33 1/4W F
R1602	NRV142F-R33X	CMF RESISTOR	0.33 1/4W F
R1603	NRSA63J-224X	MG RESISTOR	220k 1/16W J
R1604	NRSA63J-471X	MG RESISTOR	470 1/16W J
R1605	NRSA63J-684X	MG RESISTOR	680k 1/16W J
R1606	NRSA63J-683X	MG RESISTOR	68k 1/16W J
R1607	NRSA63J-102X	MG RESISTOR	1k 1/16W J
R1608	NRSA63J-334X	MG RESISTOR	330k 1/16W J
R1609	NRSA63J-683X	MG RESISTOR	68k 1/16W J
R1610	NRSA63J-223X	MG RESISTOR	22k 1/16W J
R1611	NRSA63J-681X	MG RESISTOR	680 1/16W J
R1612	NRSA63J-683X	MG RESISTOR	68k 1/16W J
R1613	NRSA63J-183X	MG RESISTOR	18k 1/16W J
R1614	NRSA63J-154X	MG RESISTOR	150k 1/16W J
R1615	NRSA63J-102X	MG RESISTOR	1k 1/16W J
R1616	NRSA63J-683X	MG RESISTOR	68k 1/16W J
R1617	NRSA63J-682X	MG RESISTOR	6.8k 1/16W J
R1618	NRSA63J-471X	MG RESISTOR	470 1/16W J

Ref. No.	Part No.	Part Name & Description	Remarks
R1619	NRSA63J-471X	MG RESISTOR	470 1/16W J
R2001	NRSA63J-104X	MG RESISTOR	100k 1/16W J
R2002	NRSA63J-332X	MG RESISTOR	3.3k 1/16W J
R2003	NRSA63J-102X	MG RESISTOR	1k 1/16W J
R2004	NRSA63J-681X	MG RESISTOR	680 1/16W J
R2005	NRSA63J-272X	MG RESISTOR	2.7k 1/16W J
R2006	NRSA63J-102X	MG RESISTOR	1k 1/16W J
R2011	NRSA63J-101X	MG RESISTOR	100 1/16W J
R2012	NRSA63J-101X	MG RESISTOR	100 1/16W J
R2021	NRSA63J-103X	MG RESISTOR	10k 1/16W J
R2022	NRSA63J-334X	MG RESISTOR	330k 1/16W J
R2023	NRSA63J-820X	MG RESISTOR	82 1/16W J
R2024	NRSA63J-183X	MG RESISTOR	18k 1/16W J
R2025	NRSA63J-823X	MG RESISTOR	82k 1/16W J
R2027	NRSA63J-102X	MG RESISTOR	1k 1/16W J
R2028	NRSA63J-102X	MG RESISTOR	1k 1/16W J
R2030	NRSA63J-104X	MG RESISTOR	100k 1/16W J
R2031	NRSA63J-332X	MG RESISTOR	3.3k 1/16W J
R2051	NRSA63J-102X	MG RESISTOR	1k 1/16W J
R2071	NRSA63J-473X	MG RESISTOR	47k 1/16W J
R2072	NRSA63J-562X	MG RESISTOR	5.6k 1/16W J
R2401	NRSA63J-392X	MG RESISTOR	3.9k 1/16W J
R2402	NRSA63J-222X	MG RESISTOR	2.2k 1/16W J
R2403	NRSA63J-103X	MG RESISTOR	10k 1/16W J
R3501	NRSA63J-221X	MG RESISTOR	220 1/16W J
R3502	NRSA63J-102X	MG RESISTOR	1k 1/16W J
R3506	NRSA63J-102X	MG RESISTOR	1k 1/16W J
R3507	NRSA63J-101X	MG RESISTOR	10 1/16W J
R3508	NRSA63J-153X	MG RESISTOR	15k 1/16W J
R3901	NRSA63J-100X	MG RESISTOR	10 1/16W J
R3902	NRSA63J-101X	MG RESISTOR	100 1/16W J
R3903	NRSA63J-182X	MG RESISTOR	1.8k 1/16W J
R4001	NRSA63J-102X	MG RESISTOR	1k 1/16W J
R4002	NRSA63J-105X	MG RESISTOR	1 $\frac{1}{2}$ 1/16W J
R4003	NRSA63J-563X	MG RESISTOR	56k 1/16W J
R4004	NRSA63D-682X	MG RESISTOR	6.8k 1/16W D
R4009	NRSA63D-272X	MG RESISTOR	2.7k 1/16W D
R4010	NRSA63D-682X	MG RESISTOR	6.8k 1/16W D
R4015	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
R4019	NRSA63D-272X	MG RESISTOR	2.7k 1/16W D
R4020	NRSA63D-221X	MG RESISTOR	220 1/16W D
R4021	NRSA63D-101X	MG RESISTOR	100 1/16W D
R4022	NRSA63D-152X	MG RESISTOR	1.5k 1/16W D
R4024	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
R4025	NRSA63D-152X	MG RESISTOR	1.5k 1/16W D
R4027	NRSA63J-104X	MG RESISTOR	100k 1/16W J
R4028	NRSA63J-104X	MG RESISTOR	100k 1/16W J
R4029	NRSA63J-104X	MG RESISTOR	100k 1/16W J
R4030	NRSA63J-102X	MG RESISTOR	1k 1/16W J
R4031	NRSA63J-102X	MG RESISTOR	1k 1/16W J
R4032	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
R4033	NRSA63J-392X	MG RESISTOR	3.9k 1/16W J
R4034	NRSA63J-332X	MG RESISTOR	3.3k 1/16W J
R4035	NRSA63J-332X	MG RESISTOR	3.3k 1/16W J
R4037	NRSA63J-102X	MG RESISTOR	1k 1/16W J
R4038	NRSA63J-471X	MG RESISTOR	470 1/16W J
R4039	NRSA63J-471X	MG RESISTOR	470 1/16W J
R4040	NRSA63J-121X	MG RESISTOR	120 1/16W J
R4041	NRSA63D-222X	MG RESISTOR	2.2k 1/16W D
R4042	NRSA63D-122X	MG RESISTOR	1.2k 1/16W D
R4043	NRSA63D-122X	MG RESISTOR	1.2k 1/16W D
R4044	NRSA63D-222X	MG RESISTOR	2.2k 1/16W D
R4045	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
R4046	NRSA63J-103X	MG RESISTOR	10k 1/16W J
R4047	NRSA63J-121X	MG RESISTOR	120 1/16W J
R4201	NRSA63J-103X	MG RESISTOR	10k 1/16W J
R4202	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
R4203	NRSA63J-223X	MG RESISTOR	22k 1/16W J
R4204	NRSA63J-331X	MG RESISTOR	330 1/16W J
R4205	NRSA63J-105X	MG RESISTOR	1M 1/16W J
R4206	NRSA63J-103X	MG RESISTOR	10k 1/16W J
R4207	NRSA63J-104X	MG RESISTOR	100k 1/16W J
R4208	NRSA63J-472X	MG RESISTOR	4.7k 1/16W J

Ref. No.	Part No.	Part Name & Description	Remarks
R4209	NRSA63J-104X	MG RESISTOR	100k 1/16W J
R4210	NRSA63J-105X	MG RESISTOR	1M 1/16W J
R4211	NRSA63J-183X	MG RESISTOR	18k 1/16W J
R4214	NDC31HJ-101X	C CAPACITOR	100pF 50V J
R4215	NRSA63J-683X	MG RESISTOR	68k 1/16W J
R4216	NRSA63J-103X	MG RESISTOR	10k 1/16W J
R4217	NRSA63J-102X	MG RESISTOR	1k 1/16W J
R4218	NRSA63J-102X	MG RESISTOR	1k 1/16W J
R4219	NRSA63J-104X	MG RESISTOR	100k 1/16W J
R4220	NRSA63J-681X	MG RESISTOR	680 1/16W J
R4221	NRSA63J-104X	MG RESISTOR	100k 1/16W J
R4222	NRSA63J-823X	MG RESISTOR	82k 1/16W J
R4223	NRSA63J-303X	MG RESISTOR	30k 1/16W J
R4224	NRSA63J-183X	MG RESISTOR	18k 1/16W J
R4251	NRSA63J-182X	MG RESISTOR	1.8k 1/16W J
R4252	NRSA63J-103X	MG RESISTOR	10k 1/16W J
R4253	NRSA63J-103X	MG RESISTOR	10k 1/16W J
R4254	NRSA63J-684X	MG RESISTOR	680k 1/16W J
R4255	NRSA63J-222X	MG RESISTOR	2.2k 1/16W J
R4256	NRSA63J-824X	MG RESISTOR	820k 1/16W J
R4257	NRSA63J-822X	MG RESISTOR	8.2k 1/16W J
R4258	NRSA63J-104X	MG RESISTOR	100k 1/16W J
R4259	NRSA63J-683X	MG RESISTOR	68k 1/16W J
R4262	NRSA63J-302X	MG RESISTOR	3k 1/16W J
R4501	NRSA63J-4R7X	MG RESISTOR	Δ 4.7 1/16W J
R4502	NRSA63J-4R7X	MG RESISTOR	Δ 4.7 1/16W J
R4503	NRSA63J-4R7X	MG RESISTOR	Δ 4.7 1/16W J
R4504	NRSA63J-4R7X	MG RESISTOR	Δ 4.7 1/16W J
R4505	NRSA63J-103X	MG RESISTOR	10k 1/16W J
R4507	NRSA63J-103X	MG RESISTOR	10k 1/16W J
R4508	NRSA63J-223X	MG RESISTOR	22k 1/16W J
R4509	NRSA63J-182X	MG RESISTOR	1.8k 1/16W J
R4516	NRSA63J-101X	MG RESISTOR	100 1/16W J
R4521	NRSA63J-222X	MG RESISTOR	2.2k 1/16W J
R4522	NRSA63J-102X	MG RESISTOR	1k 1/16W J
R4523	NRSA63J-473X	MG RESISTOR	47k 1/16W J
R4525	NRSA63J-203X	MG RESISTOR	20k 1/16W J
R4526	NRSA63J-103X	MG RESISTOR	10k 1/16W J
R4527	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
R4701	NRSA63D-241X	MG RESISTOR	240 1/16W D
R4703	NRSA63J-681X	MG RESISTOR	680 1/16W J
R4704	NRSA63J-122X	MG RESISTOR	1.2k 1/16W J
R4706	NRSA63D-680X	MG RESISTOR	68 1/16W D
R4707	NRSA63D-241X	MG RESISTOR	240 1/16W D
R4709	NRSA63J-681X	MG RESISTOR	680 1/16W J
R4710	NRSA63J-122X	MG RESISTOR	1.2k 1/16W J
R5201	NRSA63J-121X	MG RESISTOR	120 1/16W J
R5203	NRSA63J-105X	MG RESISTOR	1M 1/16W J
R5204	NRSA63J-105X	MG RESISTOR	1M 1/16W J
R5205	NRSA63J-105X	MG RESISTOR	1M 1/16W J
R5206	NRSA63J-105X	MG RESISTOR	1M 1/16W J
R5208	NRSA63J-333X	MG RESISTOR	33k 1/16W J
R5212	NRSA63J-104X	MG RESISTOR	100k 1/16W J
R5214	NRSA63J-121X	MG RESISTOR	120 1/16W J
R5218	NRSA63J-100X	MG RESISTOR	10 1/16W J
R5219	NRSA63J-222X	MG RESISTOR	2.2k 1/16W J
R5220	NRSA63J-220X	MG RESISTOR	22 1/16W J
R5221	NRSA63J-220X	MG RESISTOR	22 1/16W J
R6007	NRSA63J-104X	MG RESISTOR	100k 1/16W J
R6008	NRSA63J-104X	MG RESISTOR	100k 1/16W J
R6027	NRSA63D-153X	MG RESISTOR	15k 1/16W D
R6028	NRSA63D-202X	MG RESISTOR	2k 1/16W D
R6029	NRSA63D-103X	MG RESISTOR	10k 1/16W D
R6030	NRSA63J-333X	MG RESISTOR	33k 1/16W J
R6031	NRSA63J-472X	MG RESISTOR	4.7k 1/16W J
R6033	NRSA63J-562X	MG RESISTOR	5.6k 1/16W J
R6034	NRSA63J-153X	MG RESISTOR	15k 1/16W J
R6035	NRSA63D-184X	MG RESISTOR	180k 1/16W D
R6036	NRSA63D-184X	MG RESISTOR	180k 1/16W D
R6037	NRSA63D-562X	MG RESISTOR	5.6k 1/16W D

Ref. No.	Part No.	Part Name & Description	Remarks
R6038	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
R6039	NRSA63J-102X	MG RESISTOR	1k 1/16W J
R6041	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
R6042	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
R6044	NRSA63J-224X	MG RESISTOR	220k 1/16W J
R6045	NRSA63J-153X	MG RESISTOR	15k 1/16W J
R6046	NRSA63J-123X	MG RESISTOR	12k 1/16W J
R6047	NRSA63J-153X	MG RESISTOR	15k 1/16W J
R6102	NRVA63D-223X	CMF RESISTOR	22k 1/16W D
R6103	NRVA63D-103X	CMF RESISTOR	10k 1/16W D
R6110	NRSA63J-182X	MG RESISTOR	1.8k 1/16W J
R6202	NRVA63D-103X	CMF RESISTOR	10k 1/16W D
R6203	NRVA63D-123X	CMF RESISTOR	12k 1/16W D
R6204	NRSA63J-122X	MG RESISTOR	1.2k 1/16W J
R6302	NRVA63D-183X	CMF RESISTOR	18k 1/16W D
R6303	NRVA63D-472X	CMF RESISTOR	4.7k 1/16W D
R6305	NRSA63J-103X	MG RESISTOR	10k 1/16W J
R6310	NRSA63J-182X	MG RESISTOR	1.8k 1/16W J
R6402	NRSA63J-473X	MG RESISTOR	47k 1/16W J
R6403	NRSA63J-562X	MG RESISTOR	5.6k 1/16W J
R6405	NRSA63J-753X	MG RESISTOR	75k 1/16W J
R6406	NRSA63J-393X	MG RESISTOR	39k 1/16W J
R6502	NRSA63J-473X	MG RESISTOR	47k 1/16W J
R6503	NRSA63J-562X	MG RESISTOR	5.6k 1/16W J
R6505	NRSA63J-563X	MG RESISTOR	56k 1/16W J
R6506	NRSA63J-273X	MG RESISTOR	27k 1/16W J
R6507	NRSA63J-154X	MG RESISTOR	150k 1/16W J
R6602	NRSA63J-274X	MG RESISTOR	270k 1/16W J
R6603	NRVA63D-392X	CMF RESISTOR	3.9k 1/16W D
R6604	NRVA63D-683X	CMF RESISTOR	68k 1/16W D
R6606	NRSA63J-104X	MG RESISTOR	100k 1/16W J
R6607	NRSA63J-473X	MG RESISTOR	47k 1/16W J
R6608	NRSA63J-273X	MG RESISTOR	27k 1/16W J
R6609	NRSA63J-822X	MG RESISTOR	8.2k 1/16W J
R6610	NRSA63J-473X	MG RESISTOR	47k 1/16W J
R6611	NRSA63J-683X	MG RESISTOR	68k 1/16W J
R6612	NRSA63J-104X	MG RESISTOR	100k 1/16W J
R6613	NRSA63J-823X	MG RESISTOR	82k 1/16W J
R6619	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
R6620	NRSA63J-102X	MG RESISTOR	1k 1/16W J
R6701	NRZ0058-R20X	MG RESISTOR	0.2 1/2W J
R6702	NRVA63D-114X	CMF RESISTOR	110k 1/16W D
R6703	NRVA63D-153X	CMF RESISTOR	15k 1/16W D
R6704	NRSA63J-224X	MG RESISTOR	220k 1/16W J
R6706	NRVA63D-823X	CMF RESISTOR	82k 1/16W D
R6707	NRVA63D-333X	CMF RESISTOR	33k 1/16W D
R6708	NRSA63J-330X	MG RESISTOR	33 1/16W J
R6709	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
R6802	NRSA63J-473X	MG RESISTOR	47k 1/16W J
R6803	NRSA63J-102X	MG RESISTOR	1k 1/16W J
R6804	NRSA63J-182X	MG RESISTOR	1.8k 1/16W J
R6805	NRVA63D-104X	CMF RESISTOR	100k 1/16W D
R6806	NRVA63D-683X	CMF RESISTOR	68 1/16W D
R6807	NRSA63J-103X	MG RESISTOR	10k 1/16W J
R6808	NRSA63J-222X	MG RESISTOR	2.2k 1/16W J
R6811	NRSA63J-684X	MG RESISTOR	680k 1/16W J
R7001	NRSA63D-123X	MG RESISTOR	12k 1/16W D
R7002	NRSA63D-103X	MG RESISTOR	10k 1/16W D
R7003	NRSA63D-242X	MG RESISTOR	2.4k 1/16W D
R7004	NRSA63D-822X	MG RESISTOR	8.2k 1/16W D
R7005	NRSA63J-223X	MG RESISTOR	22k 1/16W J
R7006	NRSA63D-242X	MG RESISTOR	2.4k 1/16W D
R7007	NRSA63D-822X	MG RESISTOR	8.2k 1/16W D
R7008	NRSA63J-223X	MG RESISTOR	22k 1/16W J
R7009	NRSA63D-242X	MG RESISTOR	2.4k 1/16W D
R7010	NRSA63D-822X	MG RESISTOR	8.2k 1/16W D
R7011	NRSA63J-223X	MG RESISTOR	22k 1/16W J
R7012	NRSA63D-333X	MG RESISTOR	33k 1/16W D
R7013	NRSA63D-333X	MG RESISTOR	33k 1/16W D
R7014	NRSA63D-333X	MG RESISTOR	33k 1/16W D
R7015	NRSA63D-333X	MG RESISTOR	33k 1/16W D
R7016	NRSA63D-333X	MG RESISTOR	33k 1/16W D
R7017	NRSA63D-333X	MG RESISTOR	33 1/16W D

Ref. No.	Part No.	Part Name & Description	Remarks
R7018	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
R7019	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
R7020	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
R7301	NRSA63D-122X	MG RESISTOR	1.2k 1/16W D
R7303	NRSA63D-561X	MG RESISTOR	560 1/16W D
R9102	NRSA63J-154X	MG RESISTOR	150k 1/16W J
R9104	NRSA63J-154X	MG RESISTOR	150k 1/16W J
R9109	NRSA63J-474X	MG RESISTOR	470k 1/16W J
R9110	NRSA63J-221X	MG RESISTOR	220 1/16W J
R9111	NRSA63J-221X	MG RESISTOR	220 1/16W J
R9112	NRSA63J-222X	MG RESISTOR	2.2k 1/16W J
R9113	NRSA63J-474X	MG RESISTOR	470k 1/16W J
R9114	NRSA63J-222X	MG RESISTOR	2.2k 1/16W J
R9115	NRSA63J-474X	MG RESISTOR	470k 1/16W J
R9116	NRSA63J-474X	MG RESISTOR	470k 1/16W J
R9302	NRSA63J-271X	MG RESISTOR	270 1/16W J
R9303	NRSA63J-122X	MG RESISTOR	1.2k 1/16W J
R9307	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
R9308	NRSA63J-112X	MG RESISTOR	1.1k 1/16W J
R9309	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
R9312	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
R9314	NRSA63J-331X	MG RESISTOR	330 1/16W J
R9315	NRSA63D-103X	MG RESISTOR	10k 1/16W D
R9316	NRSA63D-333X	MG RESISTOR	33k 1/16W D
R9317	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
R9322	NRSA63J-121X	MG RESISTOR	120 1/16W J
R9901	NRSA63J-182X	MG RESISTOR	1.8k 1/16W J
R9902	NRSA63J-391X	MG RESISTOR	390 1/16W J
R9903	NRSA63J-152X	MG RESISTOR	1.5k 1/16W J
R9904	NRSA63J-5R6X	MG RESISTOR	5.6 1/16W J
R9905	NRSA63J-152X	MG RESISTOR	1.5k 1/16W J
R9906	NRSA63J-5R6X	MG RESISTOR	5.6 1/16W J
RA101	NRZ0038-222X	NET RESISTOR	2.2k 1/16W J
RA102	NRZ0038-222X	NET RESISTOR	2.2k 1/16W J
RA103	NRZ0038-222X	NET RESISTOR	2.2k 1/16W J
RA104	NRZ0038-222X	NET RESISTOR	2.2k 1/16W J
RA107	NRZ0038-222X	NET RESISTOR	2.2k 1/16W J
RA108	NRZ0038-222X	NET RESISTOR	2.2k 1/16W J
RA109	NRZ0038-474X	NET RESISTOR	470k 1/16W J
RA110	NRZ0038-474X	NET RESISTOR	470k 1/16W J
RA111	NRZ0038-474X	NET RESISTOR	470k 1/16W J
RA112	NRZ0038-104X	NET RESISTOR	100k 1/16W J
RA6001	NRZ0038-102X	NET RESISTOR	1k 1/16W J
RA9101	NRZ0038-474X	NET RESISTOR	470k 1/16W J
SD1	LY43421-001B	SHIELD PLATE	SHIELD
WR1	WJV0081-001A	E-PRIMARY WIRE	AUDIO PB
X101	NAX0571-001	CRYSTAL	16.000MHz
X102	NAX0564-001X	CRYSTAL	
X4001	QAX0783-001	CRYSTAL	
■	YB20917A-02	FRONT BOARD ASSY	(RTL)
C9501	NDC21HJ-220X	C CAPACITOR	22PF 50V J
CN9501	QGF0512C1-10	CONNECTOR	MAIN FFC/FPC (1-10)
D9501	RPM-22PB	PHOTO TRANSISTOR	
D9502	SLR-738AV-50	IR LED	
D9503	SLR-738AV-50	IR LED	
HD1	LY20820-001A	IR HOLDER	
IC9501	PIC-37043T2	IR DETECT UNIT	
MC1	LY43405-001A	MIC	
OT1	LY43353-001A	IR SHEET	
OT2	LY32561-001A	DAMPER (MIC)	

Ref. No.	Part No.	Part Name & Description	Remarks
PW1	YB20917A-02	FRONT BOARD ASSY	(RTL)
WR1	WJR0033-001A	E-SH C WIRE C-F	
■	YB20935G	MONITOR BOARD ASSY	(RTL)
C7501	NCZ1016-120X	C CAPACITOR	12PF 2KV J
C7502	NCB21EK-273X	C CAPACITOR	0.027UF 25V K
C7503	NCB31EK-103X	C CAPACITOR	0.01UF 25V K
C7504	NCB10JK-106X	C CAPACITOR	10UF 6.3V K
C7601	NBE20JM-106X	TA E CAPACITOR	10UF 6.3V M
C7602	NCB31EK-103X	C CAPACITOR	0.01UF 25V K
C7606	NCB31EK-103X	C CAPACITOR	0.01UF 25V K
C7607	NBP41EM-475X	TA E CAPACITOR	4.7UF 25V M
C7608	NCB31EK-103X	C CAPACITOR	0.01UF 25V K
C7609	NBP41CM-106X	TA E CAPACITOR	10UF 16V M
C7610	NDC31HJ-330X	C CAPACITOR	33PF 50V J
C7611	NCB31EK-103X	C CAPACITOR	0.01UF 25V K
C7612	NCB31EK-103X	C CAPACITOR	0.01UF 25V K
C7613	NCB31EK-103X	C CAPACITOR	0.01UF 25V K
C7614	NCB21CK-334X	C CAPACITOR	0.33UF 16V K
C7615	NDC31HJ-331X	C CAPACITOR	330PF 50V J
C7616	NDC31HJ-560X	C CAPACITOR	56PF 50V J
C7617	NDC31HJ-220X	C CAPACITOR	22PF 50V J
C7618	NCB31EK-103X	C CAPACITOR	0.01UF 25V K
C7619	NDC31HJ-270X	C CAPACITOR	27PF 50V J
C7620	NDC31HJ-270X	C CAPACITOR	27PF 50V J
C7621	NCB31EK-103X	C CAPACITOR	0.01UF 25V K
C7622	NCB11CK-225X	C CAPACITOR	2.2UF 16V K
C7624	NCB31EK-103X	C CAPACITOR	0.01UF 25V K
C7626	NBP41EM-475X	TA E CAPACITOR	4.7UF 25V M
CN7601	QGF0303F1-25	CONNECTOR	FFC/FPC (1-25)
CN7602	QGF0508F1-24	CONNECTOR	FFC/FPC (1-24)
D7601	MA365	VARI CAP DIODE	
D7602	RB471E	SB DIODE	
D7603	UDZS5.1B	Z DIODE	
D7604	MA741WA	SB DIODE	
F7501	NMFZ007-R40X	FUSE	△ 0.4A 50V
IC7601	MN5814	IC	
IC7602	RC4558D	IC	
IC7604	DN8797MS	IC	
L7501	NQLZ010-680X	COIL	68UH
L7502	NQL03BK-100X	P COIL	10UH K
L7601	NQL315K-220X	COIL	22UH K
L7604	NQL315K-220X	COIL	22UH K
L7605	NQL085J-4R7X	COIL	4.7UH J
PW1	YB20935G	MONITOR BOARD ASSY	(RTL)
Q7501	2SD1664-QR	TRANSISTOR	
Q7502	2SD1664-QR	TRANSISTOR	
Q7503	DTA144EE	DIGI TRANSISTOR	
Q7504	DTC144EE	DIGI TRANSISTOR	
Q7601	2SC4617-QR	TRANSISTOR	
Q7602	2SA1774-QR	TRANSISTOR	
Q7603	2SC4617-QR	TRANSISTOR	
Q7604	2SA1774-QR	TRANSISTOR	
Q7606	DTA144EE	DIGI TRANSISTOR	
Q7608	DTC144EE	DIGI TRANSISTOR	
R7501	NRSA63J-102X	MG RESISTOR	1K 1/16W J
R7502	NRSA63J-102X	MG RESISTOR	1K 1/16W J
R7503	NRSA63J-102X	MG RESISTOR	1K 1/16W J

Ref. No.	Part No.	Part Name & Description	Remarks
R7601	NRSA63D-103X	MG RESISTOR	10K 1/16W D
R7602	NRSA63D-822X	MG RESISTOR	8.2K 1/16W D
R7603	NRSA63D-333X	MG RESISTOR	33K 1/16W D
R7604	NRSA63J-123X	MG RESISTOR	12K 1/16W J
R7605	NRSA63J-123X	MG RESISTOR	12K 1/16W J
R7606	NRSA63D-153X	MG RESISTOR	15K 1/16W D
R7607	NRSA63D-822X	MG RESISTOR	8.2K 1/16W D
R7608	NRSA63J-682X	MG RESISTOR	6.8K 1/16W J
R7610	NRSA63J-104X	MG RESISTOR	100K 1/16W J
R7611	NRSA63J-223X	MG RESISTOR	22K 1/16W J
R7612	NRSA63J-474X	MG RESISTOR	470K 1/16W J
R7613	NRSA63J-103X	MG RESISTOR	10K 1/16W J
R7615	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
R7616	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
R7617	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
R7618	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
R7620	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
R7621	NRSA63J-102X	MG RESISTOR	1K 1/16W J
R7623	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
R7624	NRSA63J-102X	MG RESISTOR	1K 1/16W J
R7628	NRSA63J-471X	MG RESISTOR	470 1/16W J
R7629	NRSA63J-471X	MG RESISTOR	470 1/16W J
R7630	NRSA63J-471X	MG RESISTOR	470 1/16W J
R7631	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
R7632	NRSA02J-0R0X	MG RESISTOR	0 1/10W J
R7633	NRSA63J-104X	MG RESISTOR	100K 1/16W J
R7635	NRSA63J-223X	MG RESISTOR	22K 1/16W J
R7636	NRSA63J-223X	MG RESISTOR	22K 1/16W J
R7637	NRSA63J-223X	MG RESISTOR	22K 1/16W J
R7638	NRSA63J-223X	MG RESISTOR	22K 1/16W J
R7639	NRSA63J-223X	MG RESISTOR	22K 1/16W J
R7640	NRSA02J-221X	MG RESISTOR	220 1/10W J
R7641	NRSA02J-221X	MG RESISTOR	220 1/10W J
R7642	NRSA63J-0R0X	MG RESISTOR	0 1/16W J
R7645	NRSA63J-563X	MG RESISTOR	56K 1/16W J
R7646	NRSA63J-513X	MG RESISTOR	51K 1/16W J
R7650	NRSA63J-103X	MG RESISTOR	10K 1/16W J
R7654	NRSA63J-103X	MG RESISTOR	10K 1/16W J
SD1	LY44535-001A	SHIELD SHEET	TEZUKE
T7501	NQS0056-001X	SW TARNSE	
WR1	QAL0396-001	FPC	TEZUKE
WR2	YU400170601	THIN WIRE	TEZUKE