

# DSC-W5/W7/W15/W17

## SERVICE MANUAL

**LEVEL 3**

**Ver. 1.2 2007.04**

**Revision History**

**How to use  
Acrobat Reader**



Photo: DSC-W5/Silver

**DSC-W5/W7**

US Model  
Canadian Model  
Argentine Model  
Brazilian Model  
Japanese Model

**DSC-W5/W7/W15/W17**

AEP Model  
UK Model  
E Model  
Australian Model  
Hong Kong Model  
Korea Model  
Tourist Model

**DSC-W5/W7/W15**

Chinese Model

### Link

• **FRAME SCHEMATIC DIAGRAM**

• **PRINTED WIRING BOARDS**

• **SCHEMATIC DIAGRAMS**

• **REPAIR PARTS LIST**

- For ADJUSTMENTS (SECTION 6), refer to SERVICE MANUAL, ADJ (9-876-856-51).
- For INSTRUCTION MANUAL, refer to SERVICE MANUAL, LEVEL 1 (9-876-856-41).
- This service manual contains information for Japanese model as well.
- **Reference No. search on printed wiring boards is available.**
- **Method for Copying or Erasing the Data in Internal Memory**

**The information that is not described in this Service Manual is described in the LEVEL 2 Service Manual.**

**When repairing, use this manual together with LEVEL 2 Service Manual.**

### Contents of LEVEL 2 Service Manual

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| 1. SERVICE NOTE                                    |                                                    |
| 2. DISASSEMBLY                                     |                                                    |
| 3. BLOCK DIAGRAMS                                  | OVERALL<br>POWER                                   |
| 4. PRINTED WIRING BOARDS AND<br>SCHEMATIC DIAGRAMS | CD-545, CD-546, SW-001,<br>CONTROL SWITCH<br>BLOCK |
| 5. REPAIR PARTS LIST                               | EXPLODED VIEWS<br>ELECTRICAL PARTS LIST            |

**DIGITAL STILL CAMERA**

**SONY®**

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# 1. SERVICE NOTE

## 1-5. METHOD FOR COPYING OR ERASING THE DATA IN INTERNAL MEMORY

The data can be copied/erased by the operations on the Setup screen. (When erasing the data, execute formatting the internal memory.)

**Note: 1** When replacing the SY-001 board, erase the data in internal memory of the board before replacement.

**Note: 2** When replacing the SY-001 board or the IC381 on the SY-001 board, execute formatting and initialize the internal memory after replacement.

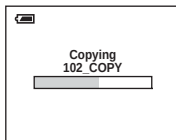
### Method for Copying the Data in Internal Memory

#### Copy

Copies all images in the internal memory to a "Memory Stick".

|   |        |                              |
|---|--------|------------------------------|
|   | OK     | See the following procedure. |
| ✓ | Cancel | Cancels the copying.         |

- ① Insert a "Memory Stick" having 32 MB or larger capacity.
- ② Select [OK] with ▲ on the control button, then press ●.  
The message "All data in internal memory will be copied Ready?" appears.
- ③ Select [OK] with ▲, then ●.  
Copying starts.



- Use fully charged Nickel-Metal Hydride batteries or the AC Adaptor (not supplied). If you attempt to copy image files using batteries with little remaining charge, the batteries may run out, causing copying to fail or possibly corrupting the data.
- You cannot copy individual images.
- The original images in the internal memory are retained even after copying. To delete the contents of the internal memory, remove the "Memory Stick" after copying, then execute the [Format] command in Internal Memory Tool.
- You cannot select a folder copied on a "Memory Stick".
- A  (Print order) mark added to an image is deleted when you copy data.

### Method for Formatting the Internal Memory

#### Format

Formats the internal memory.

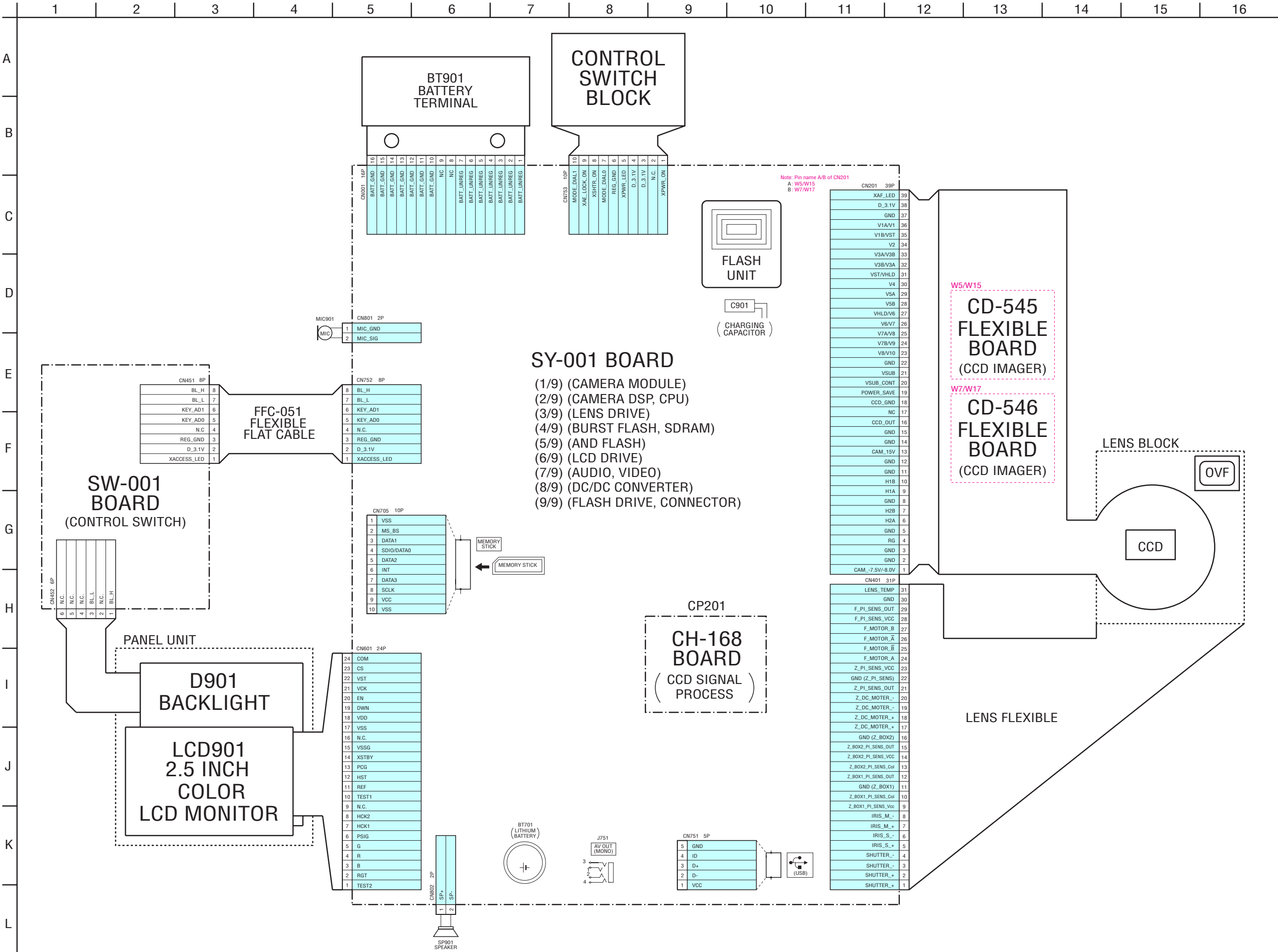
- Note that formatting irrevocably erases all data in the internal memory, including even protected images.

|   |        |                              |
|---|--------|------------------------------|
|   | OK     | See the following procedure. |
| ✓ | Cancel | Cancels the formatting.      |

- ① Select [OK] with ▲ on the control button, then press ●.  
The message "All data in internal memory will be erased Ready?" appears.
- ② Select [OK] with ▲, then press ●.  
The format is complete.

4. PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS

4-1. FRAME SCHEMATIC DIAGRAM



## 4-2. SCHEMATIC DIAGRAMS

### Link

|                                     |                                         |
|-------------------------------------|-----------------------------------------|
| • CH-168 BOARD (CCD SIGNAL PROCESS) | • SY-001 (5/9) (AND FLASH)              |
| • SY-001 (1/9) (CAMERA MODULE)      | • SY-001 (6/9) (LCD DRIVE)              |
| • SY-001 (2/9) (CAMERA DSP, CPU)    | • SY-001 (7/9) (AUDIO, VIDEO)           |
| • SY-001 (3/9) (LENS DRIVE)         | • SY-001 (8/9) (DC/DC CONVERTER)        |
| • SY-001 (4/9) (BURST FLASH,SDRAM)  | • SY-001 (9/9) (FLASH DRIVE, CONNECTOR) |

|                                      |             |
|--------------------------------------|-------------|
| • COMMON NOTE FOR SCHEMATIC DIAGRAMS | • WAVEFORMS |
|--------------------------------------|-------------|

## 4-2. SCHEMATIC DIAGRAMS

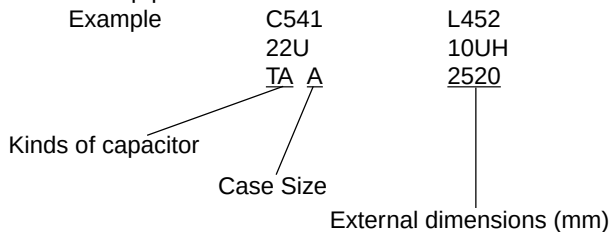
### 4-2. SCHEMATIC DIAGRAMS

#### THIS NOTE IS COMMON FOR SCHEMATIC DIAGRAMS

(In addition to this, the necessary note is printed in each block)

##### (For schematic diagrams)

- All capacitors are in  $\mu\text{F}$  unless otherwise noted.  $\text{pF}$  :  $\mu\text{F}$ . 50 V or less are not indicated except for electrolytics and tantalums.
- Chip resistors are 1/10 W unless otherwise noted.  $\text{k}\Omega=1000 \Omega$ ,  $\text{M}\Omega=1000 \text{k}\Omega$ .
- Caution when replacing chip parts.  
New parts must be attached after removal of chip.  
Be careful not to heat the minus side of tantalum capacitor, Because it is damaged by the heat.
- Some chip part will be indicated as follows.

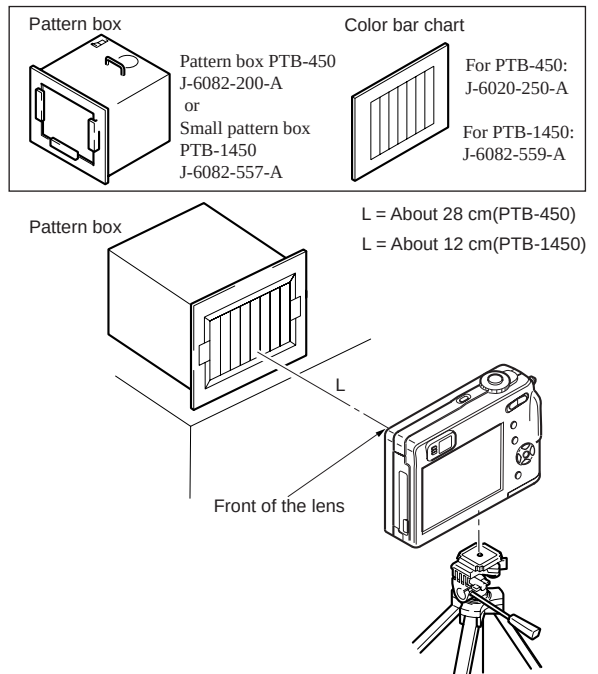


- Constants of resistors, capacitors, ICs and etc with XX indicate that they are not used.  
In such cases, the unused circuits may be indicated.
- Parts with ★ differ according to the model/destination.  
Refer to the mount table for each function.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- Signal name  
XEDIT → EDIT                      PB/XREC → PB/REC
- : non flammable resistor
- : fusible resistor
- : panel designation
- : B+ Line
- : B- Line
- : IN/OUT direction of (+,-) B LINE.
- : adjustment for repair.
- : not use circuit
- Circled numbers refer to waveforms.

##### (Measuring conditions voltage and waveform)

- Voltages and waveforms are measured between the measurement points and ground when camera shoots color bar chart of pattern box. They are reference values and reference waveforms.  
(VOM of DC 10  $\text{M}\Omega$  input impedance is used)
- Voltage values change depending upon input impedance of VOM used.)

#### 1. Connection



#### 2. Adjust the distance so that the output waveform of Fig. a and the Fig. b can be obtain.

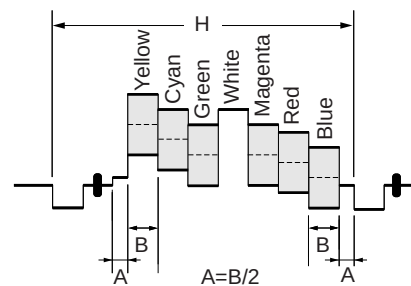
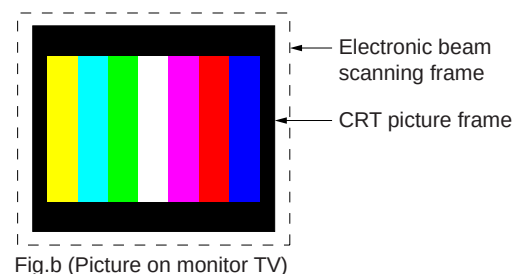


Fig. a (Video output terminal output waveform)



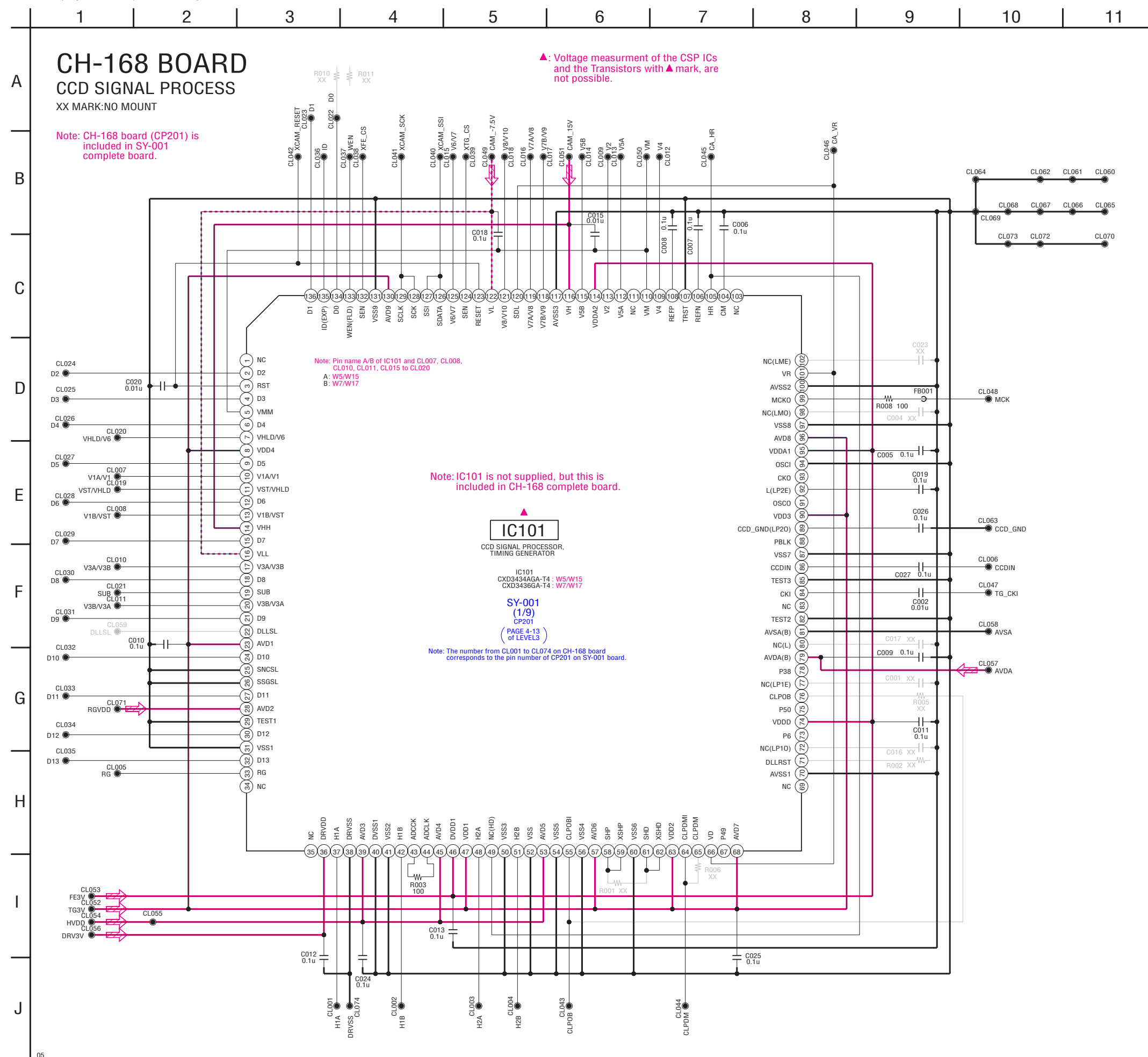
When indicating parts by reference number, please include the board name.

**Note :** The components identified by mark  $\Delta$  or dotted line with mark  $\Delta$  are critical for safety. Replace only with part number specified.

**Note :** Les composants identifiés par une marque  $\Delta$  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

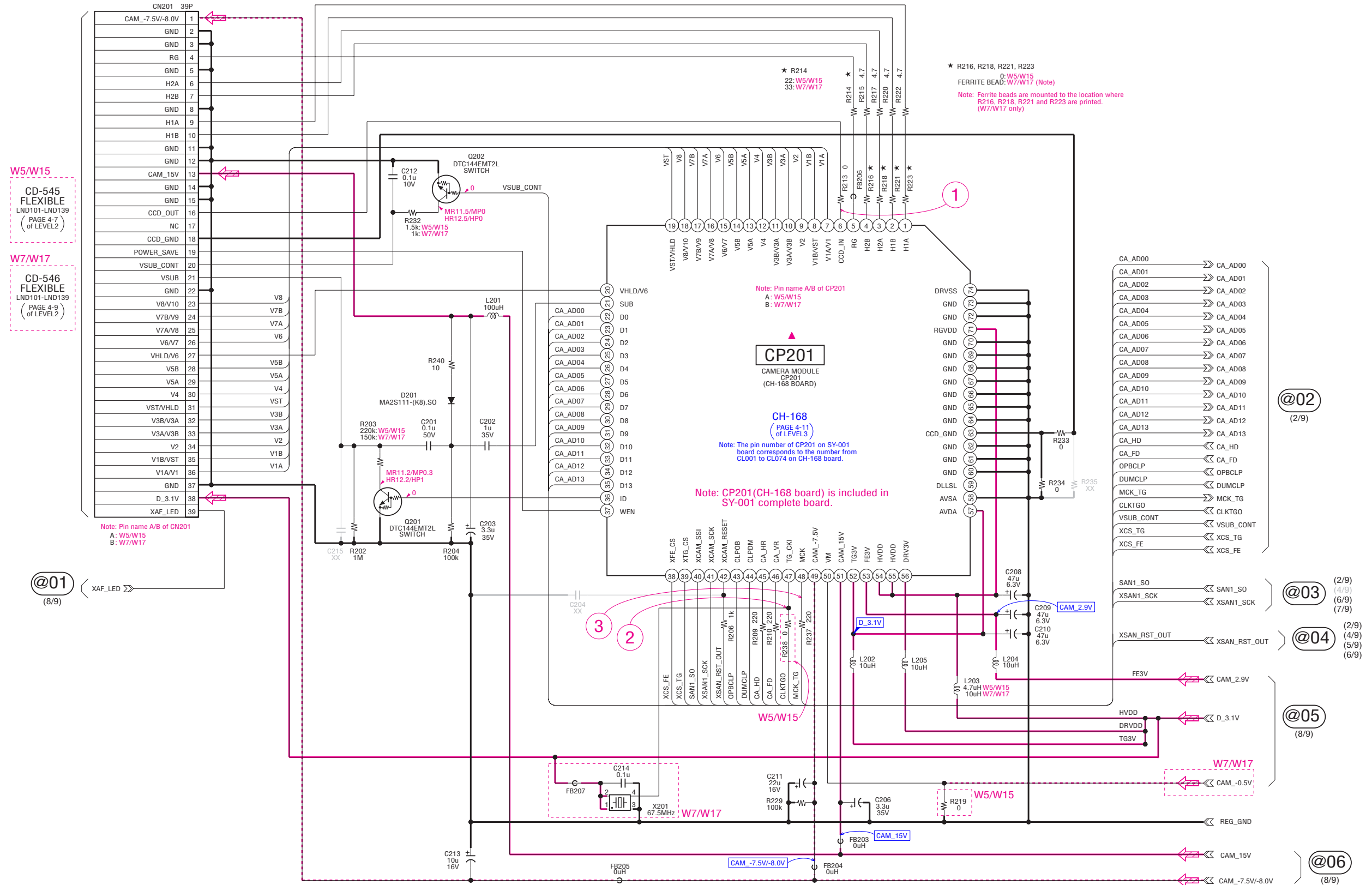
# For Schematic Diagram

• Refer to page 4-42 for printed wiring board.



XX MARK:NO MOUNT      NO MARK:REC/PB MODE  
MR:W5/W15 REC MODE  
HR:W7/W17 REC MODE  
MP:W5/W15 PB MODE  
HP:W7/W17 PB MODE

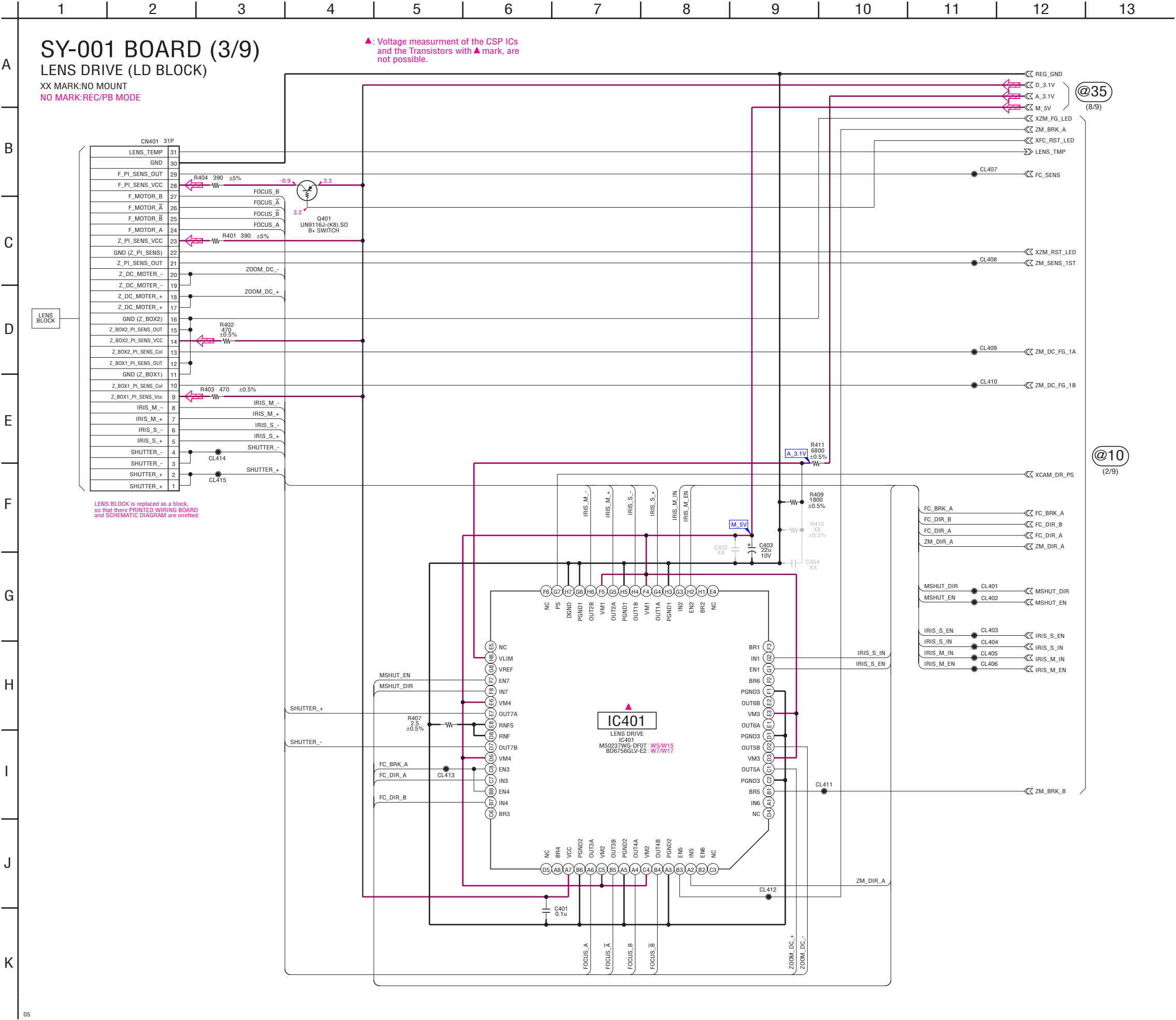
▲: Voltage measurement of the CSP ICs and the Transistors with ▲ mark, are not possible.





- Refer to page 4-39 to 4-42 for printed wiring board.

For Schematic Diagram  
• Refer to page 4-39 to 4-42 for printed wiring board.



- Refer to page 4-39 to 4-42 for printed wiring board.

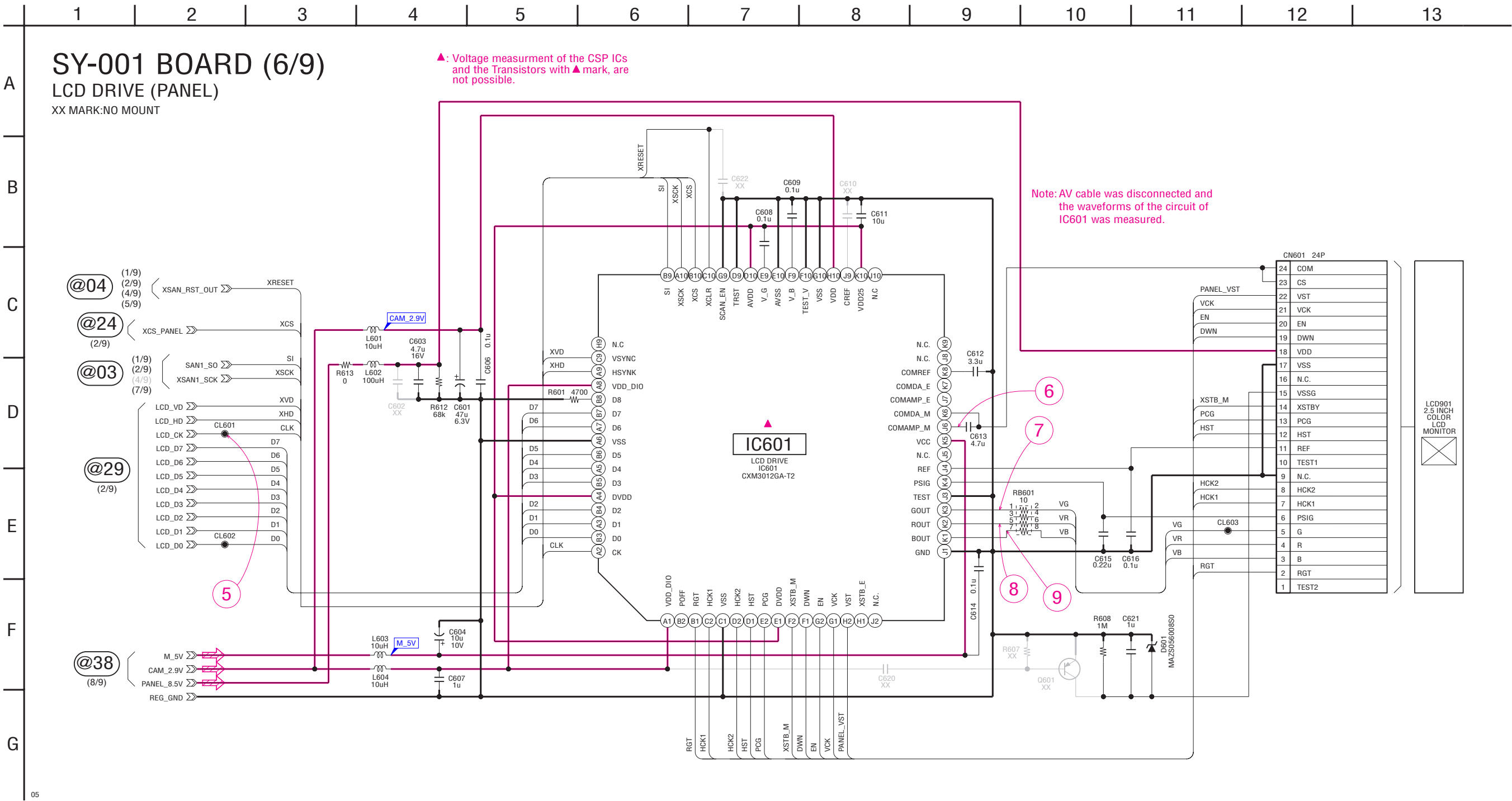


- Refer to page 4-39 to 4-42 for printed wiring board.



For Schematic Diagram

- Refer to page 4-39 to 4-42 for printed wiring board.

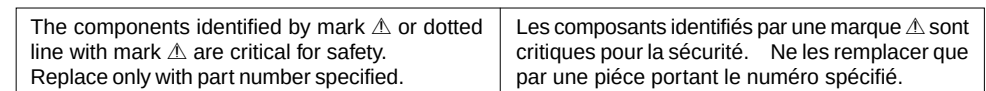


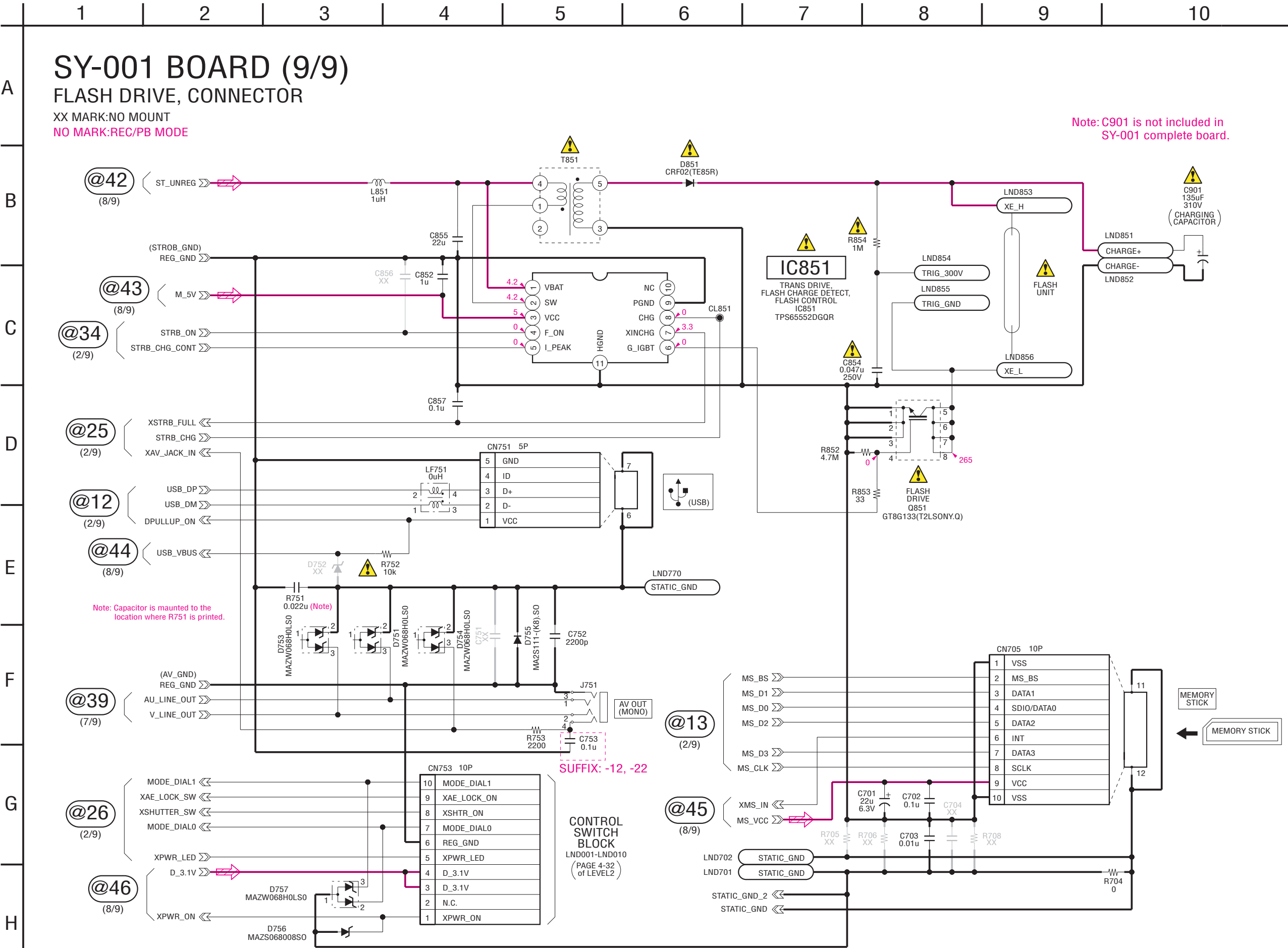
- Refer to page 4-39 to 4-42 for printed wiring board.





- Refer to page 4-39 to 4-42 for printed wiring board.





The components identified by mark  $\Delta$  or dotted line with mark  $\Delta$  are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque  $\Delta$  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



## 4-3. PRINTED WIRING BOARDS

### Link

• CH-168 BOARD

• SY-001 BOARD (SIDE B)

• SY-001 BOARD (SIDE A)

• COMMON NOTE FOR PRINTED WIRING BOARDS

• WAVEFORMS

• MOUNTED PARTS LOCATION

| Board Name                     | Function                                                                                                                                             |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| CH-168<br>(included in SY-001) | CCD SIGNAL PROCESS                                                                                                                                   |
| SY-001<br>(Including CH-168)   | CAMERA MODULE, CAMERA DSP, CPU,<br>LENS DRIVE, BURST FLASH, SDRAM, AND FLASH,<br>LCD DRIVE, AUDIO, VIDEO, DC/DC CONVERTER,<br>FLASH DRIVE, CONNECTOR |

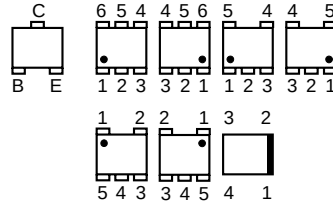
## 4-3. PRINTED WIRING BOARDS

### 4-3. PRINTED WIRING BOARDS

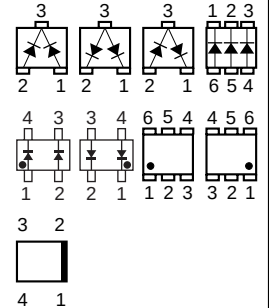
#### THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS

-  : Uses unleaded solder.
-  : Circuit board
-  : Flexible board
-  : Pattern from the side which enables seeing.
-  : pattern of the rear side  
(The other layers' patterns are not indicated)
- Through hole is omitted.
- Circled numbers refer to waveforms.
- There are a few cases that the part printed on diagram isn't mounted in this model.
-  : panel designation

- Chip parts.  
Transistor



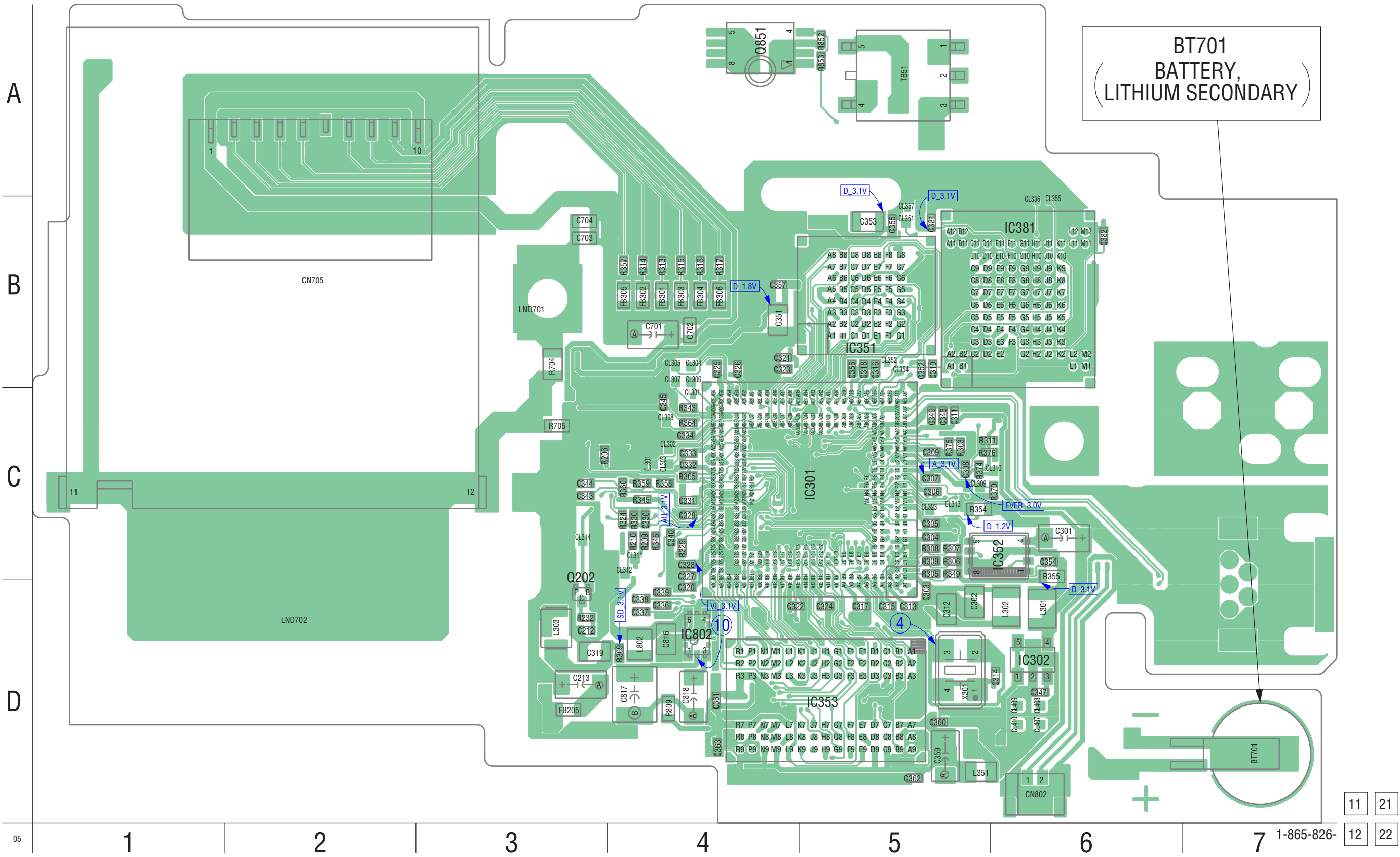
- Diode



| Board Name | Waveforms<br>(Shown on page) | Parts Location<br>(Shown on page) | Pattern                |                      |
|------------|------------------------------|-----------------------------------|------------------------|----------------------|
|            |                              |                                   | Total Number of Layers | Layers Not Indicated |
| CH-168     | —                            | —                                 | 8 layers               | 2 to 7 layers        |
| SY-001     | 4-45, 4-46                   | 4-48                              | 8 layers               | 2 to 7 layers        |

 : Uses unleaded solder.

SY-001 BOARD (SIDE A)

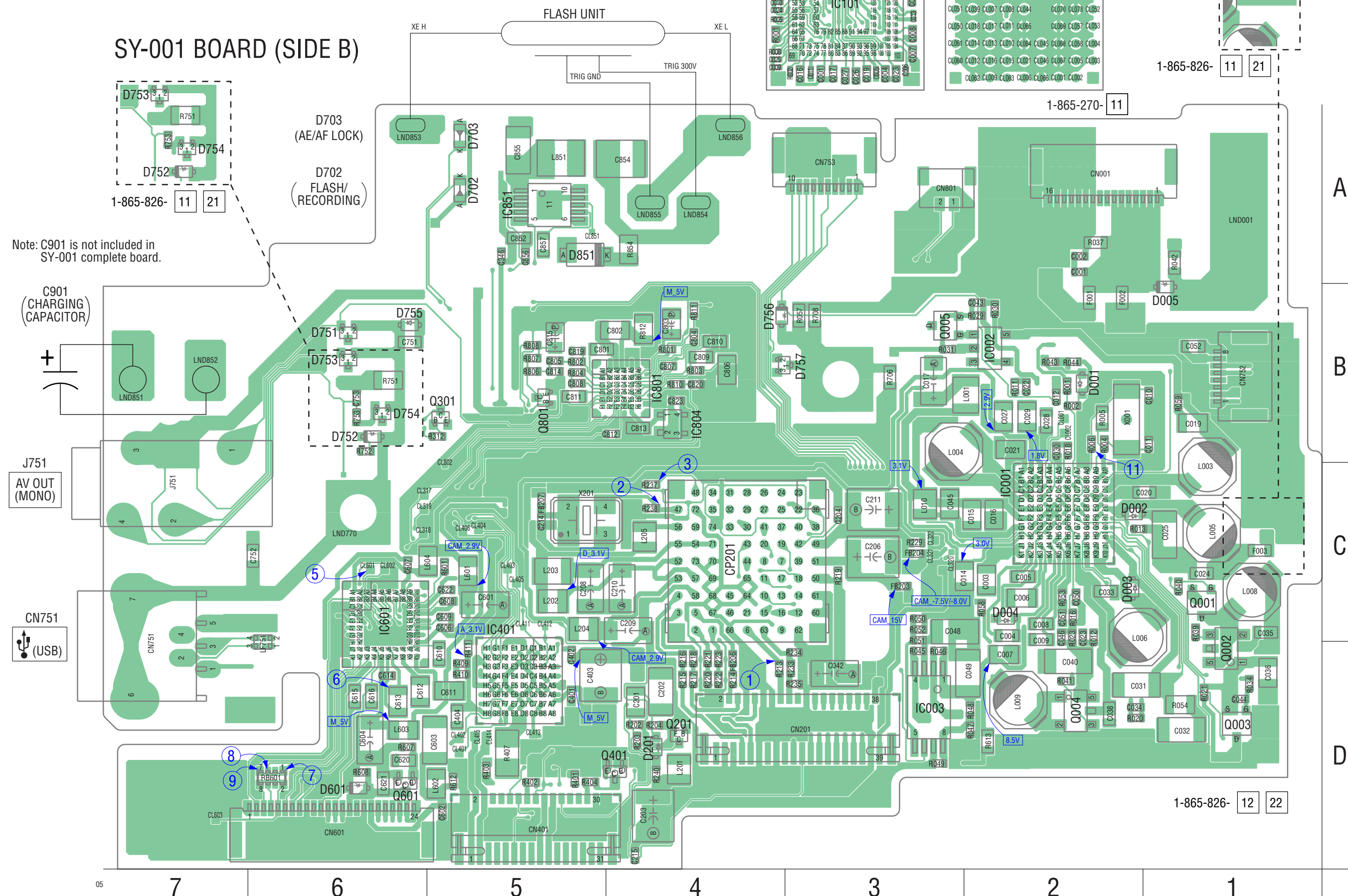


**Note for Printed Wiring Board (See page 4-35).**

**LF** : Uses unleaded solder.

## CH-168 BOARD (SIDE A) (SIDE B)

Note: CP201 (CH-168 board) is included in SY-001 complete board.

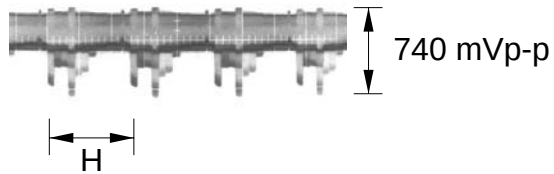


## 4-4. WAVEFORMS

SY-001 BOARD (1/2)

①

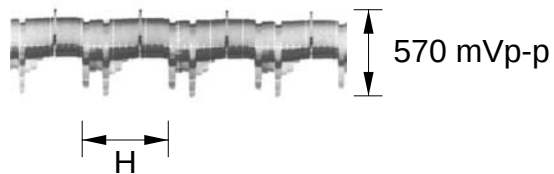
DSC-W5/W15



R213 (CP201 ⑥) REC

①

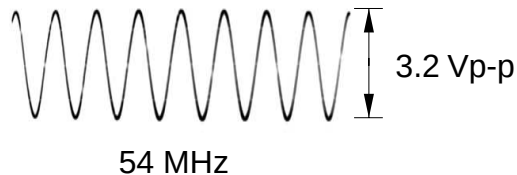
DSC-W7/W17



R213 (CP201 ⑥) REC

②

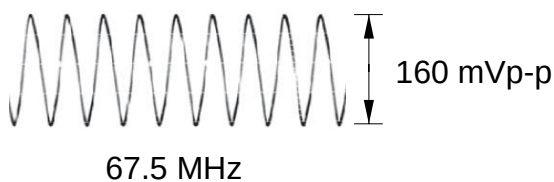
DSC-W5/W15



R238 (CP201 ④⑦) REC/PB

②

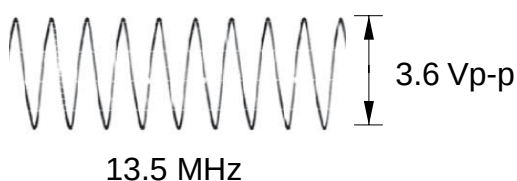
DSC-W7/W17



X201 (CP201 ④⑦) REC/PB

③

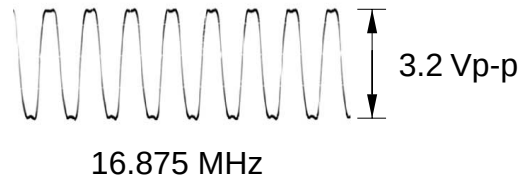
DSC-W5/W15



R237 (CP201 ④⑧) REC

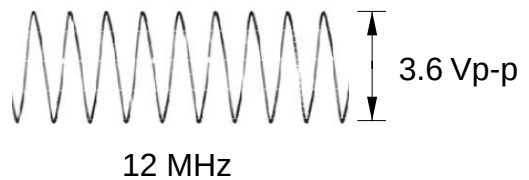
③

DSC-W7/W17



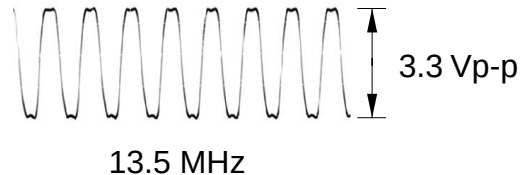
R237 (CP201 ④⑧) REC

④



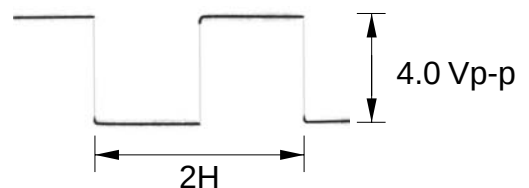
X301 (IC301 ④⑥) REC/PB

⑤



CL601 (IC601 ④②) REC/PB

⑥



C613 (IC601 ④⑥) REC/PB

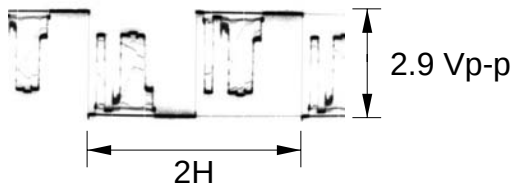
⑦



RB601 ① (IC601 ④③) REC/PB

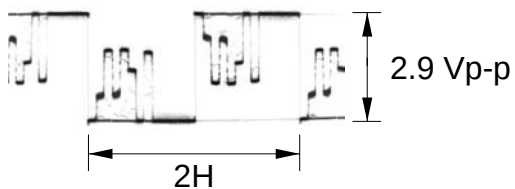
## SY-001BOARD (2/2)

⑧



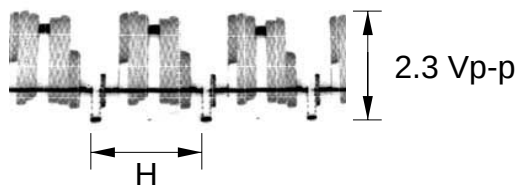
RB601 ⑤ (IC601 ①②) REC/PB

⑨



RB601 ⑦ (IC601 ①①) REC/PB

⑩



IC802 ② REC/PB (A/V JACK IN)

⑪



X001 (IC001 ①⑧) REC/PB

## 4-3. PRINTED WIRING BOARDS

### 4-5. MOUNTED PARTS LOCATION

no mark : side A

\* mark : side B

#### SY-001 BOARD

|        |     |        |     |         |     |         |     |         |     |
|--------|-----|--------|-----|---------|-----|---------|-----|---------|-----|
| BT701  | D-7 | C325   | B-4 | * C820  | B-4 | * L203  | C-5 | R232    | D-3 |
|        |     | C326   | B-4 | * C823  | B-4 | * L204  | C-5 | * R233  | D-3 |
| * C001 | A-2 | C327   | C-4 | * C852  | A-5 | * L205  | C-4 | * R234  | D-3 |
| * C002 | A-2 | C328   | C-4 | * C854  | A-4 | L301    | D-6 | * R235  | D-3 |
| * C003 | C-2 | C329   | C-4 | * C855  | A-5 | L302    | D-6 | * R237  | C-4 |
| * C004 | C-2 | C330   | C-4 | * C856  | A-5 | L303    | D-3 | * R238  | C-4 |
| * C005 | C-2 | C331   | C-4 | * C857  | A-5 | L351    | D-5 | * R240  | D-4 |
| * C006 | C-2 | C332   | C-4 | * C901  | B-7 | * L601  | C-5 | R303    | C-5 |
| * C007 | D-2 | C333   | C-4 |         |     | * L602  | D-5 | R305    | C-5 |
| * C008 | C-2 | C334   | C-4 | * CN001 | A-2 | * L603  | D-6 | R306    | C-5 |
| * C009 | C-2 | C336   | D-4 | * CN201 | D-3 | * L604  | C-5 | R307    | C-5 |
| * C010 | B-1 | C337   | D-4 | * CN401 | D-5 | L802    | D-4 | R308    | C-5 |
| * C011 | B-1 | C338   | D-4 | * CN601 | D-6 | * L851  | A-5 | R309    | C-5 |
| * C012 | B-2 | C339   | D-4 | CN705   | B-2 |         |     | R311    | C-5 |
| * C014 | C-2 | C340   | C-4 | * CN751 | D-7 | * LF751 | D-6 | * R312  | B-5 |
| * C015 | C-2 | C343   | C-3 | * CN752 | B-1 |         |     | R313    | B-4 |
| * C016 | C-2 | C344   | C-3 | * CN753 | A-3 | * Q001  | C-1 | R314    | B-4 |
| * C017 | B-3 | C345   | C-4 | * CN801 | A-3 | * Q002  | D-1 | R315    | B-4 |
| * C019 | B-1 | * C346 | A-5 | CN802   | D-6 | * Q003  | D-1 | R316    | B-4 |
| * C020 | C-2 | C347   | D-6 |         |     | * Q004  | D-2 | R317    | B-4 |
| * C021 | B-2 | C348   | C-5 | * CP201 | C-4 | * Q005  | B-3 | R324    | C-4 |
| * C022 | B-2 | C349   | C-5 |         |     | * Q201  | D-4 | R329    | C-4 |
| * C023 | C-2 | C351   | B-4 | * D001  | B-2 | Q202    | D-3 | R330    | C-4 |
| * C024 | C-1 | C352   | B-5 | * D002  | C-2 | * Q301  | B-5 | R343    | C-4 |
| * C025 | C-1 | C353   | B-5 | * D003  | C-2 | * Q401  | D-4 | R345    | C-4 |
| * C027 | B-2 | C354   | C-6 | * D004  | C-2 | * Q601  | D-6 | R346    | C-4 |
| * C028 | B-2 | C355   | B-5 | * D005  | B-1 | * Q801  | B-5 | R349    | C-5 |
| * C029 | B-2 | C356   | B-5 | * D201  | D-4 | Q851    | A-4 | R354    | C-5 |
| * C030 | B-2 | C357   | B-4 | * D601  | D-6 |         |     | R355    | C-6 |
| * C031 | D-2 | C359   | D-5 | * D702  | A-5 | * R001  | B-2 | R357    | B-4 |
| * C032 | D-1 | C360   | D-5 | * D703  | A-5 | * R002  | B-2 | R358    | C-4 |
| * C033 | C-2 | C361   | D-4 | * D751  | B-6 | * R004  | B-2 | R359    | C-4 |
| * C034 | D-2 | C362   | D-5 | * D752  | B-6 | * R005  | B-2 | R360    | C-4 |
| * C035 | C-1 | C363   | D-4 | * D753  | B-6 | * R006  | B-2 | R364    | C-4 |
| * C036 | D-1 | C381   | B-5 | * D754  | B-6 | * R011  | B-2 | R365    | C-4 |
| * C038 | D-2 | C382   | B-6 | * D755  | B-6 | * R012  | C-2 | R369    | D-4 |
| * C040 | D-2 | * C401 | D-5 | * D756  | B-4 | * R013  | C-2 | R370    | C-6 |
| * C042 | D-3 | * C402 | D-5 | * D757  | B-3 | * R016  | C-2 | R374    | C-5 |
| * C043 | B-2 | * C403 | D-5 | * D851  | A-5 | * R018  | B-2 | R375    | C-5 |
| * C044 | D-1 | * C404 | D-5 |         |     | * R020  | D-2 | R376    | C-5 |
| * C045 | C-3 | * C601 | C-5 | * F001  | B-2 | * R021  | D-1 | * R401  | D-5 |
| * C046 | C-2 | * C602 | D-5 | * F002  | B-2 | * R023  | C-2 | * R402  | D-5 |
| * C048 | C-3 | * C603 | D-5 | * F003  | C-1 | * R029  | B-2 | * R403  | D-5 |
| * C049 | D-2 | * C604 | D-6 |         |     | * R030  | B-2 | * R404  | D-5 |
| * C050 | C-2 | * C606 | C-5 | * FB203 | C-3 | * R031  | B-3 | * R407  | D-5 |
| * C051 | C-2 | * C607 | C-6 | * FB204 | C-3 | * R034  | D-1 | * R409  | D-5 |
| * C052 | B-1 | * C608 | C-5 | FB205   | D-3 | * R037  | A-2 | * R410  | D-5 |
| * C201 | D-4 | * C609 | C-5 | * FB206 | D-4 | * R039  | C-1 | * R411  | D-5 |
| * C202 | D-4 | * C610 | D-5 | * FB207 | C-5 | * R040  | C-1 | * R601  | C-5 |
| * C203 | D-4 | * C611 | D-5 | FB301   | B-4 | * R041  | D-2 | * R607  | D-6 |
| * C204 | C-3 | * C612 | D-6 | FB302   | B-4 | * R042  | A-1 | * R608  | D-6 |
| * C206 | C-3 | * C613 | D-6 | FB303   | B-4 | * R043  | B-2 | * R612  | D-5 |
| * C208 | C-5 | * C614 | D-6 | FB304   | B-4 | * R044  | B-2 | * R613  | D-2 |
| * C209 | C-4 | * C615 | D-6 | FB305   | B-4 | * R045  | D-3 | R704    | B-3 |
| * C210 | C-4 | * C616 | D-6 | FB306   | B-4 | * R046  | D-3 | R705    | C-3 |
| * C211 | C-3 | * C620 | D-6 |         |     | * R047  | D-2 | * R706  | B-3 |
| C212   | D-3 | * C621 | D-6 | * IC001 | C-2 | * R048  | D-2 | * R708  | B-3 |
| C213   | D-3 | * C622 | C-5 | * IC002 | B-2 | * R049  | D-3 | * R751  | B-6 |
| * C214 | C-5 | C701   | B-4 | * IC003 | D-3 | * R050  | C-3 | * R752  | B-6 |
| * C215 | D-4 | C702   | B-4 | IC301   | C-5 | * R051  | C-3 | * R753  | B-6 |
| C301   | C-6 | C703   | B-3 | IC302   | D-6 | * R052  | C-3 | * R801  | B-4 |
| C302   | D-5 | C704   | B-3 | IC351   | B-5 | * R053  | C-2 | * R802  | B-5 |
| C303   | D-5 | * C751 | B-6 | IC352   | C-6 | * R054  | D-1 | * R803  | B-4 |
| C304   | C-5 | * C752 | C-6 | IC353   | D-5 | * R057  | B-3 | * R804  | B-5 |
| C305   | C-5 | * C753 | B-6 | IC381   | B-6 | * R058  | C-2 | * R806  | B-5 |
| C306   | C-5 | * C801 | B-5 | * IC401 | D-5 | * R059  | B-1 | * R807  | B-5 |
| C307   | C-5 | * C802 | B-4 | * IC601 | C-6 | * R202  | D-4 | * R808  | B-5 |
| C308   | C-5 | * C803 | B-4 | * IC801 | B-4 | * R203  | D-4 | R809    | D-4 |
| C309   | C-5 | * C804 | B-4 | IC802   | D-4 | * R204  | D-4 | * R810  | B-4 |
| C310   | B-5 | * C805 | B-5 | * IC804 | B-4 | R206    | C-3 | * R811  | B-4 |
| C311   | C-5 | * C806 | B-4 | * IC851 | A-5 | R209    | C-4 | * R812  | B-4 |
| C312   | D-5 | * C807 | B-4 |         |     | R210    | C-4 | R852    | A-5 |
| C313   | D-5 | * C808 | B-5 | * J751  | C-7 | * R213  | D-4 | R853    | A-5 |
| C314   | D-6 | * C809 | B-4 |         |     | * R214  | D-4 | * R854  | A-4 |
| C315   | D-5 | * C810 | B-4 | * L001  | B-2 | * R215  | D-4 |         |     |
| C316   | B-5 | * C811 | B-5 | * L003  | C-1 | * R216  | D-4 | * RB601 | D-6 |
| C317   | D-5 | * C812 | B-4 | * L004  | B-3 | * R217  | D-4 |         |     |
| C318   | B-5 | * C813 | B-4 | * L005  | C-1 | * R218  | D-4 | T851    | A-5 |
| C319   | D-3 | * C814 | B-5 | * L006  | C-2 | * R219  | C-3 |         |     |
| C320   | D-4 | * C815 | B-5 | * L008  | C-1 | * R220  | D-4 | * X001  | B-2 |
| C321   | B-4 | C816   | D-4 | * L009  | D-2 | * R221  | D-4 | * X201  | C-5 |
| C322   | D-4 | C817   | D-4 | * L010  | C-3 | * R222  | D-4 | X301    | D-5 |
| C323   | B-4 | C818   | D-4 | * L201  | D-4 | * R223  | D-4 |         |     |
| C324   | D-5 | * C819 | B-5 | * L202  | C-5 | * R229  | C-3 |         |     |



## 5. REPAIR PARTS LIST

### NOTE:

- -XX, -X mean standardized parts, so they may have some differences from the original one.
- Items marked “\*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- CAPACITORS:  
uF:  $\mu$ F
- COILS  
uH:  $\mu$ H
- RESISTORS  
All resistors are in ohms.  
METAL: metal-film resistor  
METAL OXIDE: Metal Oxide-film resistor  
F: nonflammable
- SEMICONDUCTORS  
In each case, u:  $\mu$ , for example:  
uA...:  $\mu$ A..., uPA...,  $\mu$ PA...,  
uPB...,  $\mu$ PB..., uPC...,  $\mu$ PC...,  
uPD...,  $\mu$ PD...
- Abbreviation  
AR : Argentine model  
AUS : Australian model  
BR : Brazilian model  
CH : Chinese model  
CND: Canadian model  
HK : Hong Kong model  
J : Japanese model  
JE : Tourist model  
KR : Korean model

When indicating parts by reference number, please include the board name.

The components identified by mark  $\triangle$  or dotted line with mark  $\triangle$  are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque  $\triangle$  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

| Ref. No.                                                     | Part No.     | Description                     |
|--------------------------------------------------------------|--------------|---------------------------------|
| CP201                                                        | A-1096-988-A | CH-168 BOARD, COMPLETE (W5/W15) |
| CP201                                                        | A-1096-989-A | CH-168 BOARD, COMPLETE (W7/W17) |
| *****                                                        |              |                                 |
| (CH-168 board (CP201) is included in SY-001 complete board.) |              |                                 |

## &lt; CAPACITOR &gt;

|      |              |              |        |     |      |
|------|--------------|--------------|--------|-----|------|
| C002 | 1-164-943-11 | CERAMIC CHIP | 0.01uF | 10% | 16V  |
| C005 | 1-100-504-91 | CERAMIC CHIP | 0.1uF  | 20% | 6.3V |
| C006 | 1-100-504-91 | CERAMIC CHIP | 0.1uF  | 20% | 6.3V |
| C007 | 1-125-777-11 | CERAMIC CHIP | 0.1uF  | 10% | 10V  |
| C008 | 1-125-777-11 | CERAMIC CHIP | 0.1uF  | 10% | 10V  |
| C009 | 1-100-504-91 | CERAMIC CHIP | 0.1uF  | 20% | 6.3V |
| C010 | 1-100-504-91 | CERAMIC CHIP | 0.1uF  | 20% | 6.3V |
| C011 | 1-100-504-91 | CERAMIC CHIP | 0.1uF  | 20% | 6.3V |
| C012 | 1-100-504-91 | CERAMIC CHIP | 0.1uF  | 20% | 6.3V |
| C013 | 1-100-504-91 | CERAMIC CHIP | 0.1uF  | 20% | 6.3V |
| C015 | 1-164-943-11 | CERAMIC CHIP | 0.01uF | 10% | 16V  |
| C018 | 1-125-777-11 | CERAMIC CHIP | 0.1uF  | 10% | 10V  |
| C019 | 1-125-777-11 | CERAMIC CHIP | 0.1uF  | 10% | 10V  |
| C020 | 1-128-632-91 | CERAMIC CHIP | 0.01uF | 10% | 6.3V |
| C024 | 1-100-504-91 | CERAMIC CHIP | 0.1uF  | 20% | 6.3V |
| C025 | 1-100-504-91 | CERAMIC CHIP | 0.1uF  | 20% | 6.3V |
| C026 | 1-100-505-11 | CERAMIC CHIP | 0.1uF  | 20% | 16V  |
| C027 | 1-100-505-11 | CERAMIC CHIP | 0.1uF  | 20% | 16V  |

## &lt; FERRITE BEAD &gt;

|       |              |                               |
|-------|--------------|-------------------------------|
| FB001 | 1-469-581-21 | INDUCTOR, FERRITE BEAD (1005) |
|-------|--------------|-------------------------------|

## &lt; IC &gt;

|       |                |                           |
|-------|----------------|---------------------------|
| IC101 | (Not supplied) | IC CXD3434AGA-T4 (W5/W15) |
| IC101 | (Not supplied) | IC CXD3436GA-T4 (W7/W17)  |

## &lt; RESISTOR &gt;

|      |              |            |     |    |       |
|------|--------------|------------|-----|----|-------|
| R003 | 1-218-941-81 | RES-CHIP   | 100 | 5% | 1/16W |
| R008 | 1-240-683-91 | METAL CHIP | 100 | 5% | 1/20W |

| Ref. No.      | Part No.                                                          | Description                                                                        |
|---------------|-------------------------------------------------------------------|------------------------------------------------------------------------------------|
|               | A-1096-995-A                                                      | SY-001 BOARD, COMPLETE (SERVICE) (GP1)<br>(W5: J)                                  |
|               | A-1096-996-A                                                      | SY-001 BOARD, COMPLETE (SERVICE) (GP2)<br>(W5: US, CND, AUS /W15: AUS)             |
|               | A-1096-997-A                                                      | SY-001 BOARD, COMPLETE (SERVICE) (GP1)<br>(W7: J)                                  |
|               | A-1096-998-A                                                      | SY-001 BOARD, COMPLETE (SERVICE) (GP2)<br>(W7: US, CND, AUS/W17: AUS)              |
|               | A-1097-361-A                                                      | SY-001 BOARD, COMPLETE (SERVICE) (GP3)<br>(W5: AEP, UK/W15: AEP, UK)               |
|               | A-1097-362-A                                                      | SY-001 BOARD, COMPLETE (SERVICE) (GP4)<br>(W5: AR, BR, E/W15: E)                   |
|               | A-1097-363-A                                                      | SY-001 BOARD, COMPLETE (SERVICE) (GP5)<br>(W5: CH, HK, KR, JE/W15: CH, HK, KR, JE) |
|               | A-1097-364-A                                                      | SY-001 BOARD, COMPLETE (SERVICE) (GP3)<br>(W7: AEP, UK/W17: AEP, UK)               |
|               | A-1097-365-A                                                      | SY-001 BOARD, COMPLETE (SERVICE) (GP4)<br>(W7: AR, BR, E/W17: E)                   |
|               | A-1097-366-A                                                      | SY-001 BOARD, COMPLETE (SERVICE) (GP5)<br>(W7: CN, HK, KR, JE/W17: HK, KR, JE)     |
|               | *****                                                             |                                                                                    |
|               | (This complete board is including CP201 (CH-168 board).)          |                                                                                    |
|               | (This complete board is not including C901 (charging capacitor).) |                                                                                    |
| CP201         | A-1096-988-A                                                      | CH-168 BOARD, COMPLETE (W5/W15)                                                    |
| CP201         | A-1096-989-A                                                      | CH-168 BOARD, COMPLETE (W7/W17)                                                    |
| < BATTERY >   |                                                                   |                                                                                    |
| △ BT701       | 1-528-999-61                                                      | BATTERY, LITHIUM SECONDARY                                                         |
| < CAPACITOR > |                                                                   |                                                                                    |
| C003          | 1-127-573-11                                                      | CERAMIC CHIP 1uF 10% 16V                                                           |
| C004          | 1-115-467-11                                                      | CERAMIC CHIP 0.22uF 10% 10V                                                        |
| C005          | 1-115-467-11                                                      | CERAMIC CHIP 0.22uF 10% 10V                                                        |
| C006          | 1-125-889-91                                                      | CERAMIC CHIP 2.2uF 10% 10V                                                         |
| C007          | 1-107-823-11                                                      | CERAMIC CHIP 0.47uF 10% 16V                                                        |
| C008          | 1-107-826-11                                                      | CERAMIC CHIP 0.1uF 10% 16V                                                         |
| C009          | 1-107-826-11                                                      | CERAMIC CHIP 0.1uF 10% 16V                                                         |
| C010          | 1-164-850-11                                                      | CERAMIC CHIP 10PF 0.5PF 50V                                                        |
| C011          | 1-164-852-11                                                      | CERAMIC CHIP 12PF 5% 50V                                                           |
| C014          | 1-137-710-11                                                      | CERAMIC CHIP 10uF 20% 6.3V                                                         |
| C015          | 1-100-611-91                                                      | CERAMIC CHIP 22uF 20% 6.3V                                                         |
| C016          | 1-100-611-91                                                      | CERAMIC CHIP 22uF 20% 6.3V                                                         |
| C017          | 1-119-750-11                                                      | TANTAL. CHIP 22uF 20% 6.3V                                                         |
| C019          | 1-137-710-11                                                      | CERAMIC CHIP 10uF 20% 6.3V                                                         |
| C020          | 1-165-908-11                                                      | CERAMIC CHIP 1uF 10% 10V                                                           |
| C021          | 1-100-611-91                                                      | CERAMIC CHIP 22uF 20% 6.3V                                                         |
| C023          | 1-164-933-11                                                      | CERAMIC CHIP 220PF 10% 50V                                                         |
| C024          | 1-165-908-11                                                      | CERAMIC CHIP 1uF 10% 10V                                                           |
| C025          | 1-107-682-11                                                      | CERAMIC CHIP 1uF 10% 16V                                                           |
| C027          | 1-137-710-11                                                      | CERAMIC CHIP 10uF 20% 6.3V                                                         |
| C028          | 1-165-908-11                                                      | CERAMIC CHIP 1uF 10% 10V                                                           |
| C029          | 1-137-710-11                                                      | CERAMIC CHIP 10uF 20% 6.3V                                                         |
| C031          | 1-100-671-11                                                      | CERAMIC CHIP 4.7uF 20% 25V                                                         |
| C032          | 1-100-671-11                                                      | CERAMIC CHIP 4.7uF 20% 25V                                                         |
| C033          | 1-165-908-11                                                      | CERAMIC CHIP 1uF 10% 10V                                                           |
| C034          | 1-107-819-11                                                      | CERAMIC CHIP 0.022uF 10% 16V                                                       |
| C035          | 1-165-908-11                                                      | CERAMIC CHIP 1uF 10% 10V                                                           |
| C036          | 1-137-710-11                                                      | CERAMIC CHIP 10uF 20% 6.3V                                                         |
| C038          | 1-165-908-11                                                      | CERAMIC CHIP 1uF 10% 10V                                                           |
| C040          | 1-127-820-11                                                      | CERAMIC CHIP 4.7uF 10% 16V                                                         |
| C042          | 1-104-847-11                                                      | TANTAL. CHIP 22uF 20% 4V                                                           |

| Ref. No. | Part No.     | Description  |         |     |                 |
|----------|--------------|--------------|---------|-----|-----------------|
| C044     | 1-125-777-11 | CERAMIC CHIP | 0.1uF   | 10% | (W7/W17)<br>10V |
| C045     | 1-100-611-91 | CERAMIC CHIP | 22uF    | 20% | 6.3V            |
| C046     | 1-164-937-11 | CERAMIC CHIP | 0.001uF | 10% | 50V             |
| C048     | 1-127-820-11 | CERAMIC CHIP | 4.7uF   | 10% | 16V             |
| C049     | 1-100-671-11 | CERAMIC CHIP | 4.7uF   | 20% | 25V             |
| C050     | 1-164-935-11 | CERAMIC CHIP | 470PF   | 10% | 50V             |
| C051     | 1-125-777-11 | CERAMIC CHIP | 0.1uF   | 10% | 10V             |
| C052     | 1-107-826-11 | CERAMIC CHIP | 0.1uF   | 10% | 16V             |
| C201     | 1-115-339-11 | CERAMIC CHIP | 0.1uF   | 10% | 50V             |
| C202     | 1-137-988-91 | CERAMIC CHIP | 1uF     | 10% | 35V             |
| C203     | 1-113-992-11 | TANTAL. CHIP | 3.3uF   | 20% | 35V             |
| C206     | 1-113-992-11 | TANTAL. CHIP | 3.3uF   | 20% | 35V             |
| C208     | 1-100-539-91 | TANTAL. CHIP | 47uF    | 20% | 6.3V            |
| C209     | 1-100-539-91 | TANTAL. CHIP | 47uF    | 20% | 6.3V            |
| C210     | 1-100-539-91 | TANTAL. CHIP | 47uF    | 20% | 6.3V            |
| C211     | 1-119-751-11 | TANTAL. CHIP | 22uF    | 20% | 16V             |
| C212     | 1-125-777-11 | CERAMIC CHIP | 0.1uF   | 10% | 10V             |
| C213     | 1-137-910-11 | TANTAL. CHIP | 10uF    | 20% | 16V             |
| C214     | 1-125-777-11 | CERAMIC CHIP | 0.1uF   | 10% | 10V<br>(W7/W17) |
| C301     | 1-119-750-11 | TANTAL. CHIP | 22uF    | 20% | 6.3V            |
| C302     | 1-165-989-11 | CERAMIC CHIP | 10uF    | 10% | 6.3V            |
| C303     | 1-125-777-11 | CERAMIC CHIP | 0.1uF   | 10% | 10V             |
| C304     | 1-125-777-11 | CERAMIC CHIP | 0.1uF   | 10% | 10V             |
| C305     | 1-125-777-11 | CERAMIC CHIP | 0.1uF   | 10% | 10V             |
| C306     | 1-125-777-11 | CERAMIC CHIP | 0.1uF   | 10% | 10V             |
| C307     | 1-125-777-11 | CERAMIC CHIP | 0.1uF   | 10% | 10V             |
| C308     | 1-125-777-11 | CERAMIC CHIP | 0.1uF   | 10% | 10V             |
| C309     | 1-125-777-11 | CERAMIC CHIP | 0.1uF   | 10% | 10V             |
| C310     | 1-125-777-11 | CERAMIC CHIP | 0.1uF   | 10% | 10V             |
| C311     | 1-125-777-11 | CERAMIC CHIP | 0.1uF   | 10% | 10V             |
| C312     | 1-137-710-11 | CERAMIC CHIP | 10uF    | 20% | 6.3V            |
| C313     | 1-125-777-11 | CERAMIC CHIP | 0.1uF   | 10% | 10V             |
| C314     | 1-125-777-11 | CERAMIC CHIP | 0.1uF   | 10% | 10V             |
| C315     | 1-125-777-11 | CERAMIC CHIP | 0.1uF   | 10% | 10V             |
| C316     | 1-125-777-11 | CERAMIC CHIP | 0.1uF   | 10% | 10V             |
| C317     | 1-125-777-11 | CERAMIC CHIP | 0.1uF   | 10% | 10V             |
| C320     | 1-125-777-11 | CERAMIC CHIP | 0.1uF   | 10% | 10V             |
| C321     | 1-125-777-11 | CERAMIC CHIP | 0.1uF   | 10% | 10V             |
| C322     | 1-125-777-11 | CERAMIC CHIP | 0.1uF   | 10% | 10V             |
| C323     | 1-125-777-11 | CERAMIC CHIP | 0.1uF   | 10% | 10V             |
| C324     | 1-125-777-11 | CERAMIC CHIP | 0.1uF   | 10% | 10V             |
| C325     | 1-125-777-11 | CERAMIC CHIP | 0.1uF   | 10% | 10V             |
| C326     | 1-125-777-11 | CERAMIC CHIP | 0.1uF   | 10% | 10V             |
| C327     | 1-125-777-11 | CERAMIC CHIP | 0.1uF   | 10% | 10V             |
| C328     | 1-125-777-11 | CERAMIC CHIP | 0.1uF   | 10% | 10V             |
| C329     | 1-100-506-91 | CERAMIC CHIP | 1uF     | 20% | 6.3V            |
| C330     | 1-125-777-11 | CERAMIC CHIP | 0.1uF   | 10% | 10V             |
| C331     | 1-125-777-11 | CERAMIC CHIP | 0.1uF   | 10% | 10V             |
| C332     | 1-125-777-11 | CERAMIC CHIP | 0.1uF   | 10% | 10V             |
| C333     | 1-125-777-11 | CERAMIC CHIP | 0.1uF   | 10% | 10V             |
| C334     | 1-125-777-11 | CERAMIC CHIP | 0.1uF   | 10% | 10V             |
| C338     | 1-125-777-11 | CERAMIC CHIP | 0.1uF   | 10% | 10V             |
| C339     | 1-125-777-11 | CERAMIC CHIP | 0.1uF   | 10% | 10V             |
| C340     | 1-125-777-11 | CERAMIC CHIP | 0.1uF   | 10% | 10V             |
| C345     | 1-125-777-11 | CERAMIC CHIP | 0.1uF   | 10% | 10V             |
| C353     | 1-137-710-11 | CERAMIC CHIP | 10uF    | 20% | 6.3V            |

The components identified by mark  or dotted line with mark  are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque  $\Delta$  sont critiques pour la sécurité.  
Ne les remplacer que par une pièce portant le numéro spécifié.

| Ref. No. | Part No.     | Description  |          |     |      |
|----------|--------------|--------------|----------|-----|------|
| C355     | 1-125-777-11 | CERAMIC CHIP | 0.1uF    | 10% | 10V  |
| C356     | 1-125-777-11 | CERAMIC CHIP | 0.1uF    | 10% | 10V  |
| C357     | 1-125-777-11 | CERAMIC CHIP | 0.1uF    | 10% | 10V  |
| C359     | 1-135-259-11 | TANTAL. CHIP | 10uF     | 20% | 6.3V |
| C360     | 1-125-777-11 | CERAMIC CHIP | 0.1uF    | 10% | 10V  |
| C361     | 1-125-777-11 | CERAMIC CHIP | 0.1uF    | 10% | 10V  |
| C362     | 1-125-777-11 | CERAMIC CHIP | 0.1uF    | 10% | 10V  |
| C363     | 1-125-777-11 | CERAMIC CHIP | 0.1uF    | 10% | 10V  |
| C381     | 1-125-777-11 | CERAMIC CHIP | 0.1uF    | 10% | 10V  |
| C401     | 1-125-777-11 | CERAMIC CHIP | 0.1uF    | 10% | 10V  |
| C403     | 1-100-663-11 | TANTAL. CHIP | 22uF     | 20% | 10V  |
| C601     | 1-100-539-91 | TANTAL. CHIP | 47uF     | 20% | 6.3V |
| C603     | 1-127-820-11 | CERAMIC CHIP | 4.7uF    | 10% | 16V  |
| C604     | 1-104-851-11 | TANTAL. CHIP | 10uF     | 20% | 10V  |
| C606     | 1-125-777-11 | CERAMIC CHIP | 0.1uF    | 10% | 10V  |
| C607     | 1-100-506-91 | CERAMIC CHIP | 1uF      | 20% | 6.3V |
| C608     | 1-125-777-11 | CERAMIC CHIP | 0.1uF    | 10% | 10V  |
| C609     | 1-125-777-11 | CERAMIC CHIP | 0.1uF    | 10% | 10V  |
| C611     | 1-137-710-11 | CERAMIC CHIP | 10uF     | 20% | 6.3V |
| C612     | 1-165-646-91 | CERAMIC CHIP | 3.3uF    | 10% | 10V  |
| C613     | 1-127-760-11 | CERAMIC CHIP | 4.7uF    | 10% | 6.3V |
| C614     | 1-125-777-11 | CERAMIC CHIP | 0.1uF    | 10% | 10V  |
| C615     | 1-115-467-11 | CERAMIC CHIP | 0.22uF   | 10% | 10V  |
| C616     | 1-107-826-11 | CERAMIC CHIP | 0.1uF    | 10% | 16V  |
| C621     | 1-165-908-11 | CERAMIC CHIP | 1uF      | 10% | 10V  |
| C701     | 1-119-750-11 | TANTAL. CHIP | 22uF     | 20% | 6.3V |
| C702     | 1-107-826-11 | CERAMIC CHIP | 0.1uF    | 10% | 16V  |
| C703     | 1-162-970-11 | CERAMIC CHIP | 0.01uF   | 10% | 25V  |
| C752     | 1-162-966-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V  |
| C753     | 1-125-777-11 | CERAMIC CHIP | 0.1uF    | 10% | 10V  |
| C801     | 1-125-891-61 | CERAMIC CHIP | 0.47uF   | 10% | 10V  |
| C802     | 1-137-710-11 | CERAMIC CHIP | 10uF     | 20% | 6.3V |
| C803     | 1-117-919-11 | TANTAL. CHIP | 10uF     | 20% | 6.3V |
| C804     | 1-117-614-81 | CERAMIC CHIP | 8200PF   | 10% | 16V  |
| C806     | 1-107-725-11 | CERAMIC CHIP | 0.1uF    | 10% | 16V  |
| C807     | 1-117-614-81 | CERAMIC CHIP | 8200PF   | 10% | 16V  |
| C808     | 1-164-943-11 | CERAMIC CHIP | 0.01uF   | 10% | 16V  |
| C809     | 1-164-227-11 | CERAMIC CHIP | 0.022uF  | 10% | 25V  |
| C810     | 1-125-837-61 | CERAMIC CHIP | 1uF      | 10% | 6.3V |
| C811     | 1-125-837-61 | CERAMIC CHIP | 1uF      | 10% | 6.3V |
| C812     | 1-125-777-11 | CERAMIC CHIP | 0.1uF    | 10% | 10V  |
| C813     | 1-165-884-91 | CERAMIC CHIP | 2.2uF    | 10% | 6.3V |
| C816     | 1-137-710-11 | CERAMIC CHIP | 10uF     | 20% | 6.3V |
| C817     | 1-128-964-91 | TANTAL. CHIP | 100uF    | 20% | 6.3V |
| C818     | 1-119-750-11 | TANTAL. CHIP | 22uF     | 20% | 6.3V |
| C819     | 1-164-937-11 | CERAMIC CHIP | 0.001uF  | 10% | 50V  |
| C820     | 1-164-943-11 | CERAMIC CHIP | 0.01uF   | 10% | 16V  |
| C823     | 1-100-506-91 | CERAMIC CHIP | 1uF      | 20% | 6.3V |
| C852     | 1-165-908-11 | CERAMIC CHIP | 1uF      | 10% | 10V  |
| △C854    | 1-137-723-21 | CERAMIC CHIP | 0.047uF  | 10% | 250V |
| C855     | 1-100-159-91 | CERAMIC CHIP | 22uF     | 10% | 6.3V |
| C857     | 1-100-566-91 | CERAMIC CHIP | 0.1uF    | 10% | 25V  |
| △C901    | 1-112-169-11 | CAP, ELECT   | 135uF    |     | 310V |

## &lt; CONNECTOR &gt;

|       |              |                             |
|-------|--------------|-----------------------------|
| CN001 | 1-816-646-31 | FFC/FPC CONNECTOR (LIF) 16P |
| CN201 | 1-817-544-31 | CONNECTOR, FPC (ZIF) 39P    |
| CN401 | 1-815-332-11 | CONNECTOR, FPC (ZIF) 31P    |
| CN601 | 1-816-650-31 | FFC/FPC CONNECTOR (LIF) 24P |
| CN705 | 1-815-572-61 | CONNECTOR, MEMORY STICK     |

DSC-W5/W7/W15/W17

| Ref. No.         | Part No.       | Description                                |
|------------------|----------------|--------------------------------------------|
| CN751            | 1-794-962-11   | CONNECTOR, SQUARE TYPE (USB 5P)            |
| CN752            | 1-817-549-11   | CONNECTOR, FPC (LIF (NON-ZIF)) 8P          |
| CN753            | 1-817-705-11   | CONNECTOR, FPC (LIF (NON-ZIF)) 10P         |
| CN801            | 1-794-375-21   | PIN, CONNECTOR 2P                          |
| CN802            | 1-794-375-21   | PIN, CONNECTOR 2P                          |
| < DIODE >        |                |                                            |
| D001             | 6-500-813-01   | DIODE MA2SD32008S0                         |
| D002             | 6-500-813-01   | DIODE MA2SD32008S0                         |
| D003             | 6-500-813-01   | DIODE MA2SD32008S0                         |
| D201             | 8-719-056-23   | DIODE MA2S111-(K8).SO                      |
| D601             | 6-500-941-01   | DIODE MAZS056008S0                         |
| D702             | 6-500-252-01   | DIODE SML-512WWT86<br>(FLASH/RECORDING)    |
| D703             | 6-500-287-01   | DIODE SML-512MWT86 (AE/AF LOCK)            |
| D751             | 6-500-776-01   | DIODE MAZW068H0LS0                         |
| D753             | 6-500-776-01   | DIODE MAZW068H0LS0                         |
| D754             | 6-500-776-01   | DIODE MAZW068H0LS0                         |
| D755             | 8-719-056-23   | DIODE MA2S111-(K8).SO                      |
| D756             | 8-719-056-54   | DIODE MAZS068008S0                         |
| D757             | 6-500-776-01   | DIODE MAZW068H0LS0                         |
| △D851            | 6-501-096-01   | DIODE CRF02 (TE85R)                        |
| < FUSE >         |                |                                            |
| △F001            | 1-576-415-21   | FUSE (2A/32V)                              |
| △F002            | 1-576-415-21   | FUSE (2A/32V)                              |
| △F003            | 1-576-842-11   | FUSE, MICRO (0.63A/32V) (SUFFIX: -12, -22) |
| < FERRITE BEAD > |                |                                            |
| FB203            | 1-469-082-21   | INDUCTOR, FERRITE BEAD (1005)              |
| FB204            | 1-469-082-21   | INDUCTOR, FERRITE BEAD (1005)              |
| FB205            | 1-414-228-11   | INDUCTOR, FERRITE BEAD                     |
| FB206            | 1-400-620-21   | INDUCTOR, FERRITE BEAD (1005) (W7/W17)     |
| FB206            | 1-400-722-11   | INDUCTOR, FERRITE BEAD (1005) (W5/W15)     |
| FB207            | 1-469-083-21   | INDUCTOR, FERRITE BEAD (1005) (W7/W17)     |
| FB301            | 1-500-283-11   | INDUCTOR, FERRITE BEAD                     |
| FB302            | 1-500-283-11   | INDUCTOR, FERRITE BEAD                     |
| FB303            | 1-500-283-11   | INDUCTOR, FERRITE BEAD                     |
| FB304            | 1-500-283-11   | INDUCTOR, FERRITE BEAD                     |
| FB305            | 1-500-283-11   | INDUCTOR, FERRITE BEAD                     |
| FB306            | 1-500-284-21   | INDUCTOR, FERRITE BEAD                     |
| < IC >           |                |                                            |
| IC001            | 6-707-916-01   | IC SC901570V0R2                            |
| IC002            | 6-706-522-01   | IC TLV2241IDBVR (W7/W17)                   |
| IC003            | 6-707-857-01   | IC BD3989FV-E2                             |
| IC301            | 8-753-237-87   | IC CXD3188GG-T6                            |
| IC351            | (Not supplied) | IC PH28F320W30TD70-A01 (W5/W15)            |
| IC351            | (Not supplied) | IC S99-50031-01-ER (W7/W17)                |
| IC353            | 6-707-091-01   | IC EDS2532AABJ-75TT-E                      |
| IC381            | 6-707-041-01   | IC HN29V256A0BBP-30                        |
| IC401            | 6-703-889-01   | IC M50237WG-DF0T (W5/W15)                  |
| IC401            | 6-706-005-01   | IC BD6756GLV-E2 (W7/W17)                   |
| IC601            | 8-753-228-25   | IC CXM3012GA-T2                            |
| IC801            | 6-707-336-01   | IC BH6414GLU-E2                            |
| IC802            | 6-704-365-01   | IC NJM2578KJ1 (TE3)                        |
| IC804            | 6-702-281-01   | IC R1141Q281B-TR-FA                        |
| △IC851           | 6-707-554-01   | IC TPS65552DGQR                            |

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

| Ref. No.        | Part No.     | Description            |                       |      |       |          |
|-----------------|--------------|------------------------|-----------------------|------|-------|----------|
| < JACK >        |              |                        |                       |      |       |          |
| J751            | 1-793-620-41 | JACK (AV OUT (MONO))   |                       |      |       |          |
| < COIL >        |              |                        |                       |      |       |          |
| L001            | 1-400-145-21 | INDUCTOR               | 47uH                  |      |       |          |
| L003            | 1-456-499-11 | INDUCTOR               | 4.7uH                 |      |       |          |
| L004            | 1-456-499-11 | INDUCTOR               | 4.7uH                 |      |       |          |
| L005            | 1-456-500-11 | INDUCTOR               | 10uH                  |      |       |          |
| L006            | 1-456-499-11 | INDUCTOR               | 4.7uH                 |      |       |          |
| L008            | 1-456-499-11 | INDUCTOR               | 4.7uH                 |      |       |          |
| L009            | 1-456-499-11 | INDUCTOR               | 4.7uH                 |      |       |          |
| L010            | 1-469-553-21 | INDUCTOR               | 4.7uH                 |      |       |          |
| L201            | 1-469-561-21 | INDUCTOR               | 100uH                 |      |       |          |
| L202            | 1-469-555-21 | INDUCTOR               | 10uH                  |      |       |          |
| L203            | 1-400-073-21 | INDUCTOR               | 4.7uH (W5/W15)        |      |       |          |
| L203            | 1-469-967-21 | INDUCTOR               | 10uH (W7/W17)         |      |       |          |
| L204            | 1-469-555-21 | INDUCTOR               | 10uH                  |      |       |          |
| L205            | 1-469-555-21 | INDUCTOR               | 10uH                  |      |       |          |
| L301            | 1-469-967-21 | INDUCTOR               | 10uH                  |      |       |          |
| L302            | 1-469-967-21 | INDUCTOR               | 10uH                  |      |       |          |
| L351            | 1-400-677-11 | INDUCTOR               | 47uH                  |      |       |          |
| L601            | 1-469-570-11 | INDUCTOR               | 10uH                  |      |       |          |
| L602            | 1-469-847-11 | INDUCTOR               | 100uH                 |      |       |          |
| L603            | 1-469-570-11 | INDUCTOR               | 10uH                  |      |       |          |
| L604            | 1-469-570-11 | INDUCTOR               | 10uH                  |      |       |          |
| L802            | 1-469-555-21 | INDUCTOR               | 10uH                  |      |       |          |
| L851            | 1-412-026-11 | INDUCTOR               | 1uH                   |      |       |          |
| < LINE FILTER > |              |                        |                       |      |       |          |
| LF751           | 1-456-583-11 | COMMON MODE CHOKE COIL |                       |      |       |          |
| < TRANSISTOR >  |              |                        |                       |      |       |          |
| Q001            | 8-729-056-01 | TRANSISTOR             | MCH3405-TL-E          |      |       |          |
| Q002            | 6-550-351-01 | TRANSISTOR             | CPH5812-S-TL-E        |      |       |          |
| Q003            | 8-729-055-89 | TRANSISTOR             | MCH3306-TL-E          |      |       |          |
| Q004            | 8-729-053-76 | TRANSISTOR             | CPH5802-TL-E          |      |       |          |
| Q005            | 8-729-055-88 | TRANSISTOR             | MCH3406-TL-E (W7/W17) |      |       |          |
| Q201            | 6-550-119-01 | TRANSISTOR             | DTC144EMT2L           |      |       |          |
| Q202            | 6-550-119-01 | TRANSISTOR             | DTC144EMT2L           |      |       |          |
| Q301            | 6-550-119-01 | TRANSISTOR             | DTC144EMT2L           |      |       |          |
| Q401            | 8-729-042-62 | TRANSISTOR             | UN9116J-(K8).SO       |      |       |          |
| △ Q851          | 6-550-891-01 | TRANSISTOR             | GT8G133 (T2LSONY.Q)   |      |       |          |
| < RESISTOR >    |              |                        |                       |      |       |          |
| R001            | 1-218-935-11 | RES-CHIP               | 33                    | 5%   | 1/16W |          |
| R002            | 1-218-949-11 | RES-CHIP               | 470                   | 5%   | 1/16W |          |
| R004            | 1-218-975-11 | RES-CHIP               | 68K                   | 5%   | 1/16W |          |
| R005            | 1-219-570-11 | METAL CHIP             | 10M                   | 5%   | 1/10W |          |
| R006            | 1-218-990-11 | SHORT CHIP             | 0                     |      |       |          |
| R012            | 1-218-990-11 | SHORT CHIP             | 0                     |      |       |          |
| R013            | 1-208-635-11 | METAL CHIP             | 10                    | 0.5% | 1/16W |          |
| R016            | 1-208-935-11 | METAL CHIP             | 100K                  | 0.5% | 1/16W |          |
| R018            | 1-208-935-11 | METAL CHIP             | 100K                  | 0.5% | 1/16W |          |
| R020            | 1-218-989-11 | RES-CHIP               | 1M                    | 5%   | 1/16W |          |
| R023            | 1-218-985-11 | RES-CHIP               | 470K                  | 5%   | 1/16W |          |
| R029            | 1-218-970-11 | RES-CHIP               | 27K                   | 5%   | 1/16W |          |
| R030            | 1-208-931-11 | METAL CHIP             | 68K                   | 0.5% | 1/16W | (W7/W17) |

| Ref. No. | Part No.     | Description                            |            |      |                   |
|----------|--------------|----------------------------------------|------------|------|-------------------|
| R031     | 1-218-973-11 | RES-CHIP                               | 47K        | 5%   | 1/16W<br>(W7/W17) |
| R034     | 1-218-977-11 | RES-CHIP                               | 100K       | 5%   | 1/16W             |
| R039     | 1-218-935-11 | RES-CHIP                               | 33         | 5%   | 1/16W             |
| R040     | 1-218-929-11 | RES-CHIP                               | 10         | 5%   | 1/16W             |
| R041     | 1-218-929-11 | RES-CHIP                               | 10         | 5%   | 1/16W             |
| R042     | 1-107-826-11 | CERAMIC CHIP                           | 0.1uF      | 10%  | 16V<br>(Note 1)   |
| R044     | 1-218-990-11 | SHORT CHIP                             | 0          |      |                   |
| R047     | 1-208-949-11 | METAL CHIP                             | 390K       | 0.5% | 1/16W             |
| R048     | 1-208-943-11 | METAL CHIP                             | 220K       | 0.5% | 1/16W             |
| R049     | 1-208-920-81 | METAL CHIP                             | 24K        | 0.5% | 1/16W             |
| R050     | 1-208-922-11 | METAL CHIP                             | 30K        | 0.5% | 1/16W<br>(W5/W15) |
| R050     | 1-208-931-11 | METAL CHIP                             | 68K        | 0.5% | 1/16W<br>(W7/W17) |
| R051     | 1-208-939-11 | METAL CHIP                             | 150K       | 0.5% | 1/16W             |
| R052     | 1-208-927-11 | METAL CHIP                             | 47K        | 0.5% | 1/16W<br>(W7/W17) |
| R054     | 1-216-295-91 | SHORT CHIP                             | 0          |      |                   |
| R057     | 1-216-864-11 | SHORT CHIP                             | 0          |      |                   |
| R058     | 1-218-989-11 | RES-CHIP                               | 1M         | 5%   | 1/16W             |
| R059     | 1-218-957-11 | RES-CHIP                               | 2.2K       | 5%   | 1/16W             |
| R202     | 1-218-989-11 | RES-CHIP                               | 1M         | 5%   | 1/16W             |
| R203     | 1-218-979-11 | RES-CHIP                               | 150K       | 5%   | 1/16W<br>(W7/W17) |
| R203     | 1-218-981-11 | RES-CHIP                               | 220K       | 5%   | 1/16W<br>(W5/W15) |
| R204     | 1-218-977-11 | RES-CHIP                               | 100K       | 5%   | 1/16W             |
| R206     | 1-218-953-11 | RES-CHIP                               | 1K         | 5%   | 1/16W             |
| R209     | 1-218-945-11 | RES-CHIP                               | 220        | 5%   | 1/16W             |
| R210     | 1-218-945-11 | RES-CHIP                               | 220        | 5%   | 1/16W             |
| R213     | 1-218-990-11 | SHORT CHIP                             | 0          |      |                   |
| R214     | 1-218-933-11 | RES-CHIP                               | 22         | 5%   | 1/16W<br>(W5/W15) |
| R214     | 1-218-935-11 | RES-CHIP                               | 33         | 5%   | 1/16W<br>(W7/W17) |
| R215     | 1-220-803-81 | RES-CHIP                               | 4.7        | 5%   | 1/16W             |
| R216     | 1-218-990-11 | SHORT CHIP                             | 0 (W5/W15) |      |                   |
| R216     | 1-400-723-11 | INDUCTOR, FERRITE BEAD (1005) (Note 2) |            |      |                   |
| R217     | 1-220-803-81 | RES-CHIP                               | 4.7        | 5%   | 1/16W<br>(W7/W17) |
| R218     | 1-218-990-11 | SHORT CHIP                             | 0 (W5/W15) |      |                   |
| R218     | 1-400-723-11 | INDUCTOR, FERRITE BEAD (1005) (Note 2) |            |      |                   |
| R219     | 1-218-990-11 | SHORT CHIP                             | 0 (W5/W15) |      |                   |
| R220     | 1-220-803-81 | RES-CHIP                               | 4.7        | 5%   | 1/16W             |
| R221     | 1-218-990-11 | SHORT CHIP                             | 0 (W5/W15) |      |                   |
| R221     | 1-400-723-11 | INDUCTOR, FERRITE BEAD (1005) (Note 2) |            |      |                   |
| R222     | 1-220-803-81 | RES-CHIP                               | 4.7        | 5%   | 1/16W<br>(W7/W17) |
| R223     | 1-218-990-11 | SHORT CHIP                             | 0 (W5/W15) |      |                   |
| R223     | 1-400-723-11 | INDUCTOR, FERRITE BEAD (1005) (Note 2) |            |      |                   |

Note 1: Capacitor is mounted to the location where R042 is printed.

Note 2: Ferrite beads are mounted to the location where R216, R218, R221 and R223 are printed. (W7/W17 only)

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

# SY-001

| Ref. No. | Part No.     | Description  |            |      |                   |
|----------|--------------|--------------|------------|------|-------------------|
| R229     | 1-218-977-11 | RES-CHIP     | 100K       | 5%   | 1/16W             |
| R232     | 1-218-953-11 | RES-CHIP     | 1K         | 5%   | 1/16W<br>(W7/W17) |
| R232     | 1-218-955-11 | RES-CHIP     | 1.5K       | 5%   | 1/16W<br>(W5/W15) |
| R233     | 1-218-990-11 | SHORT CHIP   | 0          |      |                   |
| R234     | 1-218-990-11 | SHORT CHIP   | 0          |      |                   |
| R237     | 1-218-945-11 | RES-CHIP     | 220        | 5%   | 1/16W             |
| R238     | 1-218-990-11 | SHORT CHIP   | 0 (W5/W15) |      |                   |
| R240     | 1-218-929-11 | RES-CHIP     | 10         | 5%   | 1/16W             |
| R303     | 1-208-679-11 | METAL CHIP   | 680        | 0.5% | 1/16W             |
| R305     | 1-218-990-11 | SHORT CHIP   | 0 (W5/W15) |      |                   |
| R306     | 1-218-990-11 | SHORT CHIP   | 0          |      |                   |
| R307     | 1-218-990-11 | SHORT CHIP   | 0          |      |                   |
| R311     | 1-218-973-11 | RES-CHIP     | 47K        | 5%   | 1/16W             |
| R312     | 1-218-965-11 | RES-CHIP     | 10K        | 5%   | 1/16W             |
| R313     | 1-218-941-81 | RES-CHIP     | 100        | 5%   | 1/16W             |
| R314     | 1-218-941-81 | RES-CHIP     | 100        | 5%   | 1/16W             |
| R315     | 1-218-941-81 | RES-CHIP     | 100        | 5%   | 1/16W             |
| R316     | 1-218-941-81 | RES-CHIP     | 100        | 5%   | 1/16W             |
| R317     | 1-218-942-11 | RES-CHIP     | 120        | 5%   | 1/16W             |
| R324     | 1-208-935-11 | METAL CHIP   | 100K       | 0.5% | 1/16W             |
| R329     | 1-218-973-11 | RES-CHIP     | 47K        | 5%   | 1/16W             |
| R330     | 1-208-943-11 | METAL CHIP   | 220K       | 0.5% | 1/16W             |
| R345     | 1-218-965-11 | RES-CHIP     | 10K        | 5%   | 1/16W             |
| R346     | 1-218-965-11 | RES-CHIP     | 10K        | 5%   | 1/16W             |
| R349     | 1-218-990-11 | SHORT CHIP   | 0 (W7/W17) |      |                   |
| R354     | 1-216-864-11 | SHORT CHIP   | 0          |      |                   |
| R355     | 1-216-864-11 | SHORT CHIP   | 0          |      |                   |
| R357     | 1-218-941-81 | RES-CHIP     | 100        | 5%   | 1/16W             |
| R359     | 1-218-990-11 | SHORT CHIP   | 0          |      |                   |
| R360     | 1-218-990-11 | SHORT CHIP   | 0          |      |                   |
| R364     | 1-218-965-11 | RES-CHIP     | 10K        | 5%   | 1/16W             |
| R369     | 1-218-990-11 | SHORT CHIP   | 0          |      |                   |
| R376     | 1-218-985-11 | RES-CHIP     | 470K       | 5%   | 1/16W             |
| R401     | 1-218-948-11 | RES-CHIP     | 390        | 5%   | 1/16W             |
| R402     | 1-208-675-11 | METAL CHIP   | 470        | 0.5% | 1/16W             |
| R403     | 1-208-675-11 | METAL CHIP   | 470        | 0.5% | 1/16W             |
| R404     | 1-218-948-11 | RES-CHIP     | 390        | 5%   | 1/16W             |
| R407     | 1-245-558-11 | METAL CHIP   | 2.5        | 0.5% | 1/2W              |
| R409     | 1-208-893-11 | METAL CHIP   | 1.8K       | 0.5% | 1/16W             |
| R411     | 1-208-703-11 | METAL CHIP   | 6.8K       | 0.5% | 1/16W             |
| R601     | 1-218-961-11 | RES-CHIP     | 4.7K       | 5%   | 1/16W             |
| R608     | 1-218-989-11 | RES-CHIP     | 1M         | 5%   | 1/16W             |
| R612     | 1-218-975-11 | RES-CHIP     | 68K        | 5%   | 1/16W             |
| R613     | 1-216-864-11 | SHORT CHIP   | 0          |      |                   |
| R704     | 1-216-295-91 | SHORT CHIP   | 0          |      |                   |
| R751     | 1-163-037-11 | CERAMIC CHIP | 0.022uF    | 10%  | 50V<br>(Note)     |
| △ R752   | 1-218-965-11 | RES-CHIP     | 10K        | 5%   | 1/16W             |
| R753     | 1-218-957-11 | RES-CHIP     | 2.2K       | 5%   | 1/16W             |
| R801     | 1-218-955-11 | RES-CHIP     | 1.5K       | 5%   | 1/16W             |
| R803     | 1-218-985-11 | RES-CHIP     | 470K       | 5%   | 1/16W             |
| R804     | 1-218-974-11 | RES-CHIP     | 56K        | 5%   | 1/16W             |
| R809     | 1-216-807-11 | METAL CHIP   | 68         | 5%   | 1/10W             |
| R810     | 1-218-962-11 | RES-CHIP     | 5.6K       | 5%   | 1/16W             |
| R811     | 1-218-990-11 | SHORT CHIP   | 0          |      |                   |
| R812     | 1-216-295-91 | SHORT CHIP   | 0          |      |                   |
| R852     | 1-243-975-81 | METAL CHIP   | 4.7M       | 5%   | 1/16W             |
| R853     | 1-218-935-11 | RES-CHIP     | 33         | 5%   | 1/16W             |

DSC-W5/W7/W15/W17

| Ref. No.                      | Part No.     | Description                            |              |    |       |
|-------------------------------|--------------|----------------------------------------|--------------|----|-------|
| △ R854                        | 1-216-121-11 | RES-CHIP                               | 1M           | 5% | 1/10W |
| < COMPOSITION CIRCUIT BLOCK > |              |                                        |              |    |       |
| RB601                         | 1-234-369-21 | RES, NETWORK                           | 10 (1005 x4) |    |       |
| < TRANSFORMER >               |              |                                        |              |    |       |
| △ T851                        | 1-443-648-21 | TRANSFORMER, DC-DC CONVERTER           |              |    |       |
| < VIBRATOR >                  |              |                                        |              |    |       |
| X001                          | 1-795-029-11 | VIBRATOR, CRYSTAL (32.768kHz)          |              |    |       |
| X201                          | 1-813-434-21 | OSCILLATOR, CRYSTAL (67.5MHz) (W7/W17) |              |    |       |
| X301                          | 1-813-504-21 | OSCILLATOR, CRYSTAL (12MHz)            |              |    |       |

Note: Capacitor is mounted to the location where R751 is printed.

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

# DSC-W5/W7/W15/W17

SONY®

LEVEL 3

## SERVICE MANUAL

Ver 1.1 2005.12

*DSC-W5/W7*

*US Model  
Canadian Model  
Argentine Model  
Brazilian Model  
Japanese Model*

*DSC-W5/W7/W15/W17*

*AEP Model  
UK Model  
E Model  
Australian Model  
Hong Kong Model  
Korea Model  
Tourist Model*

*DSC-W5/W7/W15*

*Chinese Model*

## SUPPLEMENT-1

File this supplement with the service manual.  
(PV05-071)

- Change of SCHEMATIC DIAGRAMS
- Change of REPAIR PARTS LIST

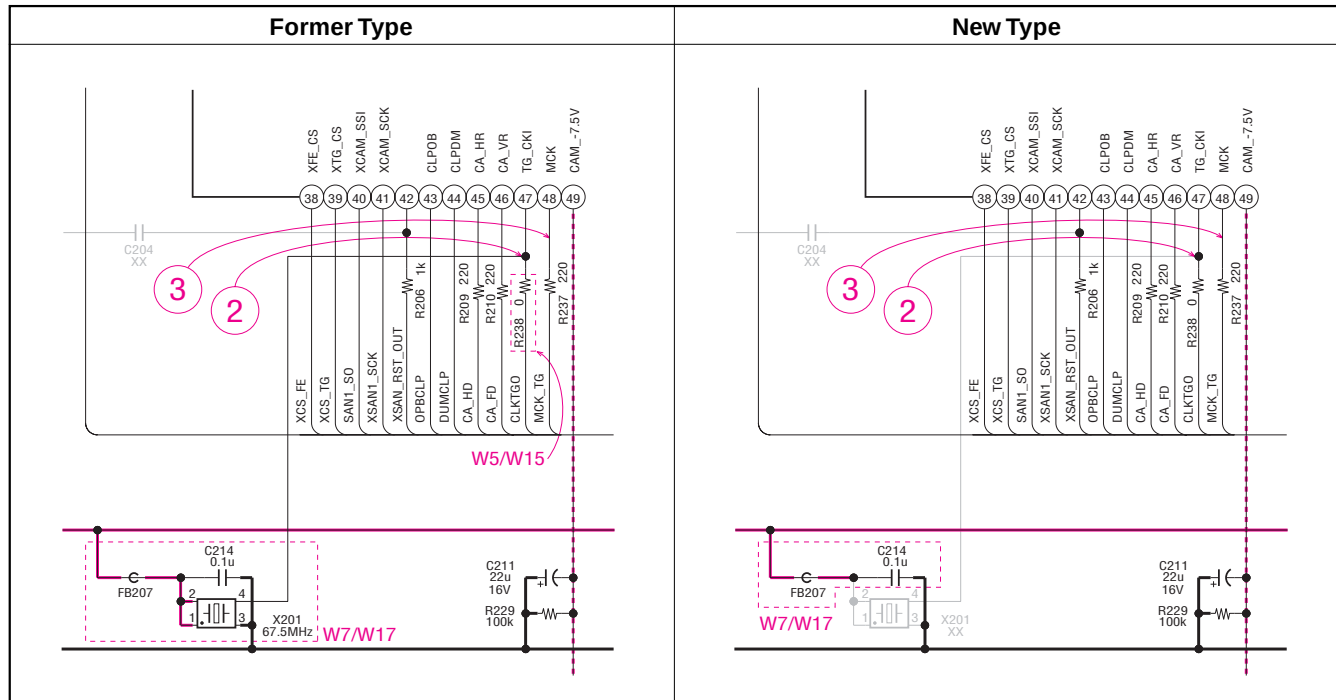


## 4. PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS

### 4-2. SCHEMATIC DIAGRAMS

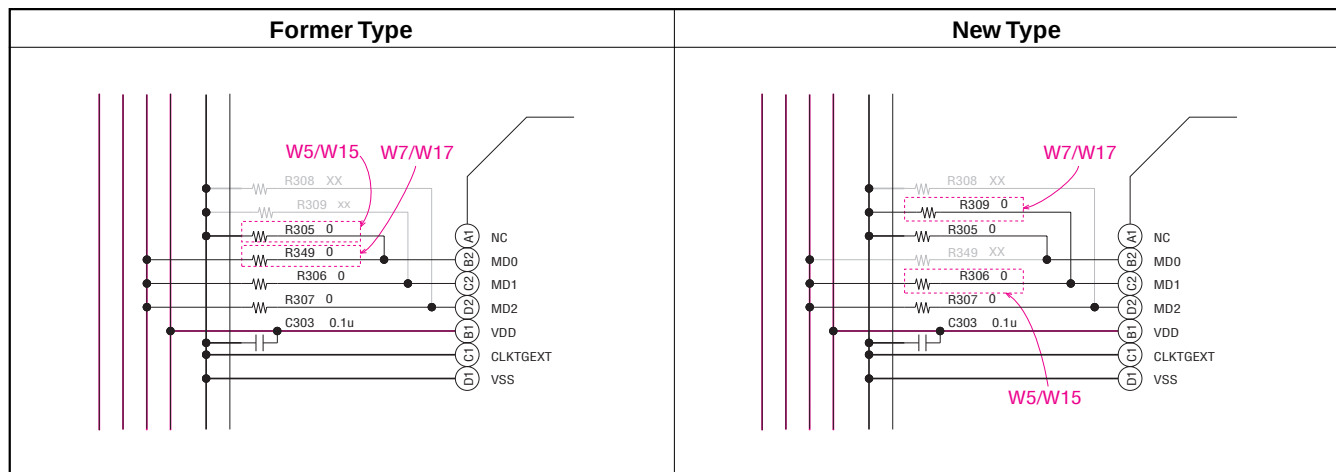
#### SY-001 BOARD (1/9) (CAMERA MODULE (CH BLOCK))

(Service manual page 4-13, Location G-6 to J-9)



#### SY-001 BOARD (2/9) (CAMERA DSP, CPU)

(Service manual page 4-15, Location D-2 to E-5)



## 5. REPAIR PARTS LIST

### 5-2. ELECTRICAL PARTS LIST

#### SY-001 BOARD

(Service manual page 5-12)

| Former Type |              |                                        |            | New Type |              |             |            |
|-------------|--------------|----------------------------------------|------------|----------|--------------|-------------|------------|
| Ref. No.    | Part No.     | Description                            |            | Ref. No. | Part No.     | Description |            |
| R238        | 1-218-990-11 | SHORT CHIP                             | 0 (W5/W15) | R238     | 1-218-990-11 | SHORT CHIP  | 0          |
| R305        | 1-218-990-11 | SHORT CHIP                             | 0 (W5/W15) | R305     | 1-218-990-11 | SHORT CHIP  | 0          |
| R306        | 1-218-990-11 | SHORT CHIP                             | 0          | R306     | 1-218-990-11 | SHORT CHIP  | 0 (W5/W15) |
|             |              |                                        |            | R309     | 1-218-990-11 | SHORT CHIP  | 0 (W7/W17) |
| R349        | 1-218-990-11 | SHORT CHIP                             | 0 (W7/W17) |          |              |             |            |
| X201        | 1-813-434-21 | OSCILLATOR, CRYSTAL (67.5MHz) (W7/W17) |            |          |              |             |            |

# DSC-W5/W7/W15/W17

SONY®

LEVEL 3

## SERVICE MANUAL

Ver. 1.2 2007.04

DSC-W5/W7

US Model  
Canadian Model  
Argentine Model  
Brazilian Model  
Japanese Model

DSC-W5/W7/W15/W17

AEP Model  
UK Model  
E Model  
Australian Model  
Hong Kong Model  
Korea Model  
Tourist Model

DSC-W5/W7/W15

Chinese Model

## SUPPLEMENT-2

File this supplement with the service manual.  
(DI06-187)

- Addition of Language Group Table

### 5. REPAIR PARTS LIST

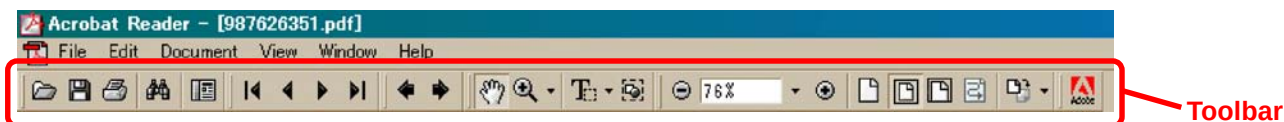
- Language that can be selected about SY-001 board

|     | Area                        | Japanese | English | French | German | Spanish | Italian | Portugal | Simplified Chinese | Traditional Chinese | Arabic | Dutch | Russian | Swedish | Korean |
|-----|-----------------------------|----------|---------|--------|--------|---------|---------|----------|--------------------|---------------------|--------|-------|---------|---------|--------|
| GP1 | J                           | ●        |         |        |        |         |         |          |                    |                     |        |       |         |         |        |
| GP2 | US<br>CND<br>AUS<br>Vietnam |          | ●       | ●      |        | ●       | ●       |          | ●                  | ●                   |        |       |         |         |        |
| GP3 | AEP<br>UK                   |          | ●       | ●      | ●      | ●       | ●       | ●        |                    |                     |        | ●     | ●       | ●       |        |
| GP4 | E<br>AR<br>BR<br>TW         |          | ●       |        |        | ●       |         | ●        | ●                  | ●                   | ●      |       |         |         |        |
| GP5 | JE<br>HK<br>CH<br>KR        |          | ●       |        |        | ●       |         | ●        | ●                  | ●                   |        |       |         |         | ●      |

- Abbreviation

AR : Argentine model  
AUS : Australian model  
BR : Brazilian model  
CH : Chinese model  
CND : Canadian model  
HK : Hong Kong model  
J : Japanese model  
JE : Tourist model  
KR : Korean model

## [Description of main button functions on toolbar of the Adobe Acrobat Reader Ver5.0 (for Windows)]



### Printing a text

1. Click the Print button .
2. Specify a printer, print range, number of copies, and other options, and then click [OK].

#### Application of printing:

To set a range to be printed within a page, select the graphic selection tool  and drag on the page to enclose a range to be printed, and then click the Print button.

### Reversing the screens displayed once

- To reverse the previous screens (operation) one by one, click the .
- To advance the reversed screens (operation) one by one, click the .

#### Application to the Service Manual:

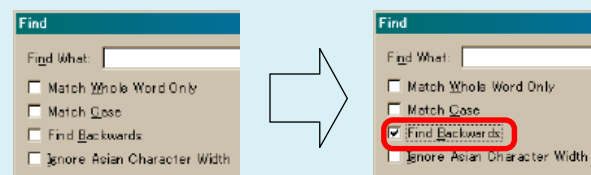
This function allows you to go and back between circuit diagram and printed circuit board diagram, and accordingly it will be convenient for the voltage check.

### Finding a text

1. Click the Find button .
2. Enter a character string to be found into a text box, and click the [Find]. (Specify the find options as necessary)

#### Application to the Service Manual:

To execute "find" from current page toward the previous pages, select the check box "Find Backwards" and then click the "Find".



3. Open the find dialog box again, and click the [Find Again] and you can find the matched character strings displayed next. (Character strings entered previously are displayed as they are in the text box.)

#### Application to the Service Manual:

The parts on the drawing pages (block diagrams, circuit diagrams, printed circuit boards) and parts list pages in a text can be found using this find function. For example, find a Ref. No. of IC on the block diagram, and click the [Find Again] continuously, so that you can move to the Ref. No. of IC on the circuit diagram or printed circuit board diagram successively.

**Note:** The find function may not be applied to the Service Manual depending on the date of issue.

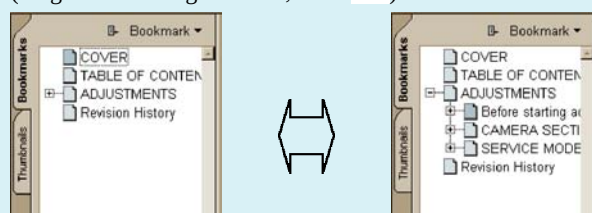
### Moving with link

1. Select either palm tool , zoom tool , text selection tool , or graphic selection tool .
2. Place the pointer in the position in a text where the link exists (such as a button on cover and the table of contents page, or blue characters on the removal flowchart page or drawing page), and the pointer will change to the forefinger form .
3. Then, click the link. (You will go to the link destination.)

### Moving with bookmark:

Click an item (text) on the bookmark pallet. and you can move to the link destination. Also, clicking  can display the hidden items.

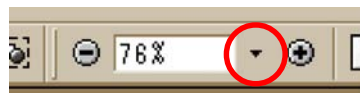
(To go back to original state, click )



### Zooming or rotating the screen display

#### "Zoom in/out"

- Click the triangle button in the zoom control box to select the display magnification. Or, you may click  or  for zooming in or out.



#### "Rotate"

- Click rotate tool , and the page then rotates 90 degrees each.

#### Application to the Service Manual:

The printed circuit board diagram you see now can be changed to the same direction as the set.

### Switching a page

- To move to the first page, click the .
- To move to the last page, click the .
- To move to the previous page, click the .
- To move to the next page, click the .

## Revision History

| Ver. | Date    | History                                       | Contents                                                                                                                | S.M. Rev.<br>issued |
|------|---------|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|---------------------|
| 1.0  | 2005.01 | Official Release                              | —                                                                                                                       | —                   |
| 1.1  | 2005.12 | <a href="#">Supplement-1</a><br>(S1 PV05-071) | <ul style="list-style-type: none"> <li>• Change of SCHEMATIC DIAGRAMS</li> <li>• Change of REPAIR PARTS LIST</li> </ul> | No                  |
| 1.2  | 2007.04 | <a href="#">Supplement-2</a><br>(S2 DI06-187) | <ul style="list-style-type: none"> <li>• Addition of Language Group Table</li> </ul>                                    | No                  |
|      |         |                                               |                                                                                                                         |                     |