

DSC-P100/P120

SERVICE MANUAL

LEVEL 3

Ver 1.0 2004.04

Revision History

**How to use
Acrobat Reader**



Photo: DSC-P100/Silver

DSC-P100

US Model
Canadian Model
E Model
Hong Kong Model
Australian Model
Chinese Model
Korea Model
Tourist Model
Japanese Model

DSC-P100/P120

AEP Model
UK Model

Link

SCHEMATIC DIAGRAMS

PRINTED WIRING BOARDS

REPAIR PARTS LIST

- For ADJUSTMENTS (SECTION 6), refer to SERVICE MANUAL, ADJ (987673451.pdf).
- For INSTRUCTION MANUAL, refer to SERVICE MANUAL, LEVEL 1 (987673441.pdf).
- This service manual contains information for Japanese model as well.
- **Reference No. search on printed wiring boards is available.**

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

1. SERVICE NOTE	
2. DISASSEMBLY	
3. BLOCK DIAGRAMS	OVERALL POWER
4. PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS	CD-511 FLEXIBLE, ST-105 FLEXIBLE, ST-102 MS-207 FLEXIBLE, JK-266 FLEXIBLE
5. REPAIR PARTS LIST	EXPLODED VIEWS ELECTRICAL PARTS LIST

DIGITAL STILL CAMERA

SONY®

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4-2. SCHEMATIC DIAGRAMS

Link

• CH-146 BOARD (CCD SIGNAL PROCESS)	• SY-104 BOARD (5/9) (FRONT CONTROL)
• SY-104 BOARD (1/9) (CAMERA MODULE)	• SY-104 BOARD (6/9) (LCD DRIVE)
• SY-104 BOARD (2/9) (CAMERA DSP)	• SY-104 BOARD (7/9) (AUDIO)
• SY-104 BOARD (3/9) (LENS DRIVE)	• SY-104 BOARD (8/9) (DC/DC CONVERTER)
• SY-104 BOARD (4/9) (SH DSP)	• SY-104 BOARD (9/9) (CONNECTOR)
• COMMON NOTE FOR SCHEMATIC DIAGRAMS	

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 μF unless otherwise noted. pF : μ μF . 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.

Example	C541	L452
	22U	10UH
	TA A	2520
Kinds of capacitor		
Case Size		
External dimensions (mm)		

- 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.
- : VIDEO SIGNAL (ANALOG)
- : AUDIO SIGNAL (ANALOG)
- : VIDEO/AUDIO SIGNAL
- : VIDEO/AUDIO/SERVO SIGNAL
- : SERVO SIGNAL

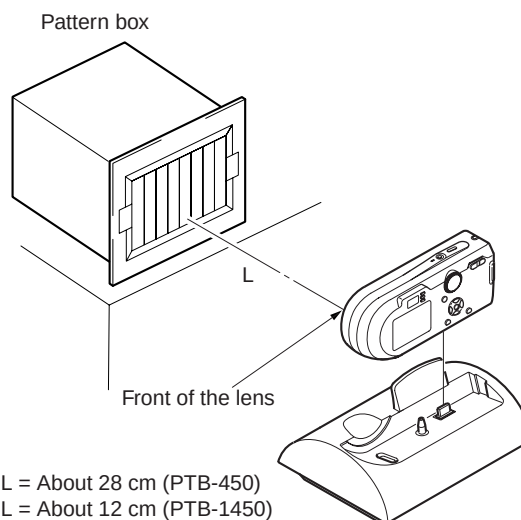
• Circled numbers refer to waveforms.

(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.)

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

1. Connection



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

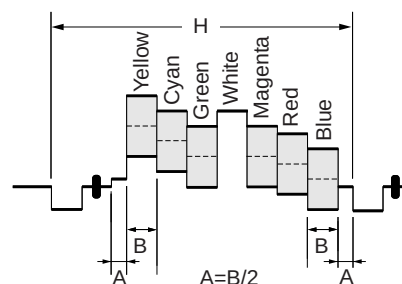


Fig. a (Video output terminal output waveform)

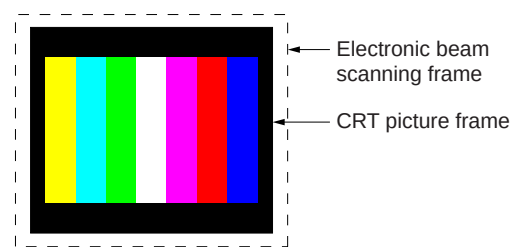
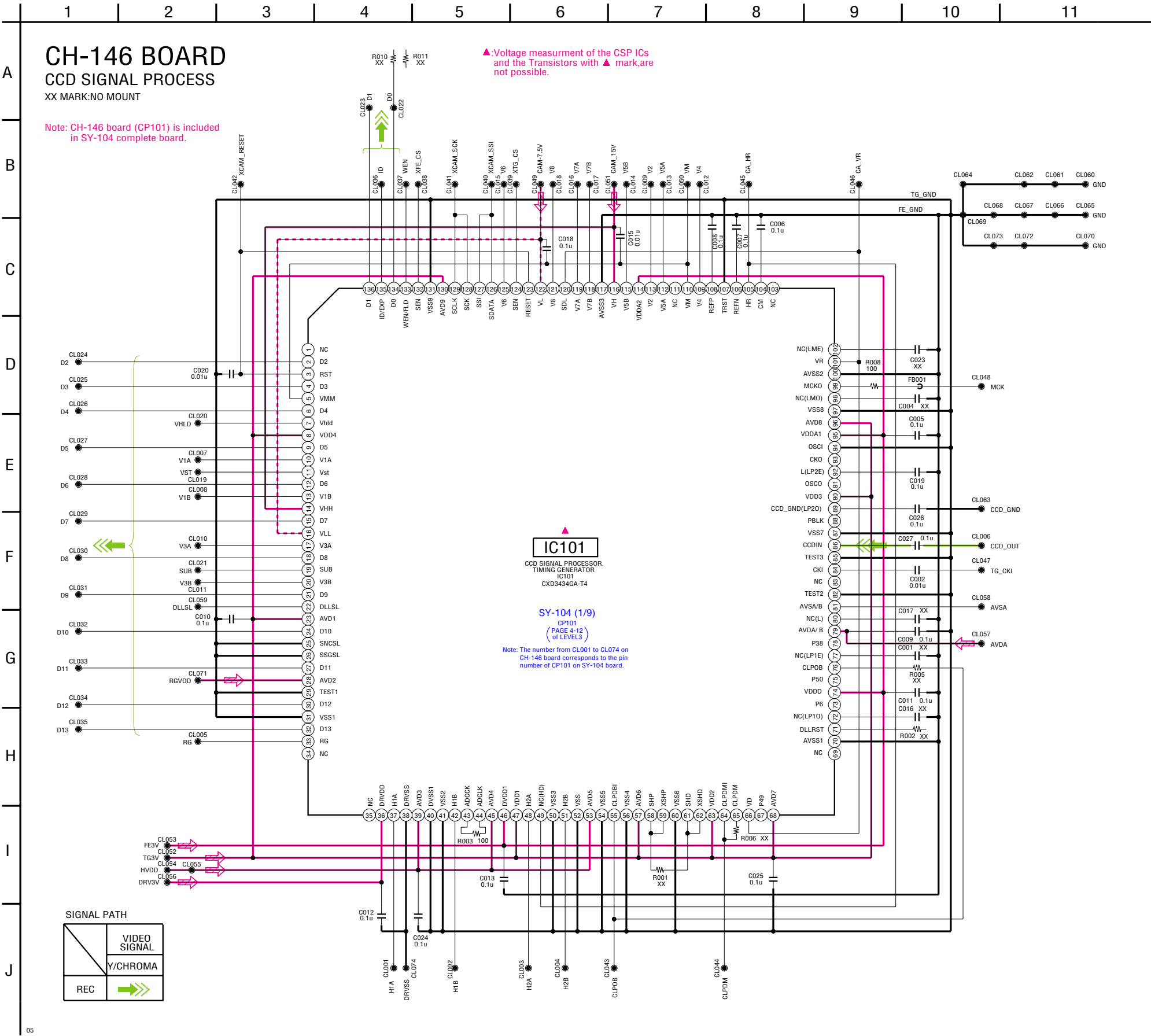


Fig.b (Picture on monitor TV)

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

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

For Schematic Diagram
• Refer to page 4-40 for printed wiring board.



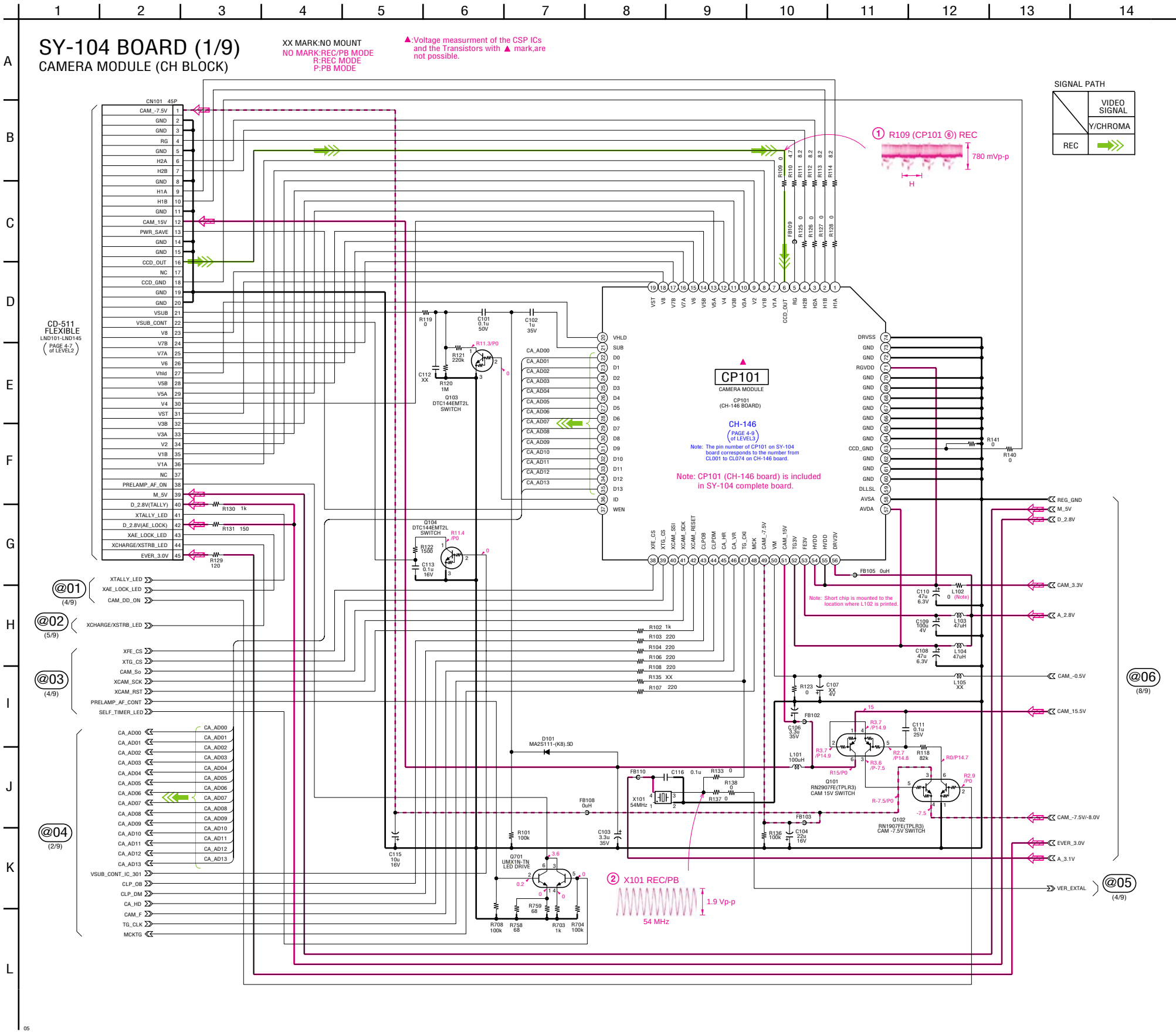
4-2. SCHEMATIC DIAGRAMS

SY-104 BOARD SIDE A

SY-104 BOARD SIDE B

For Schematic Diagram

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



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



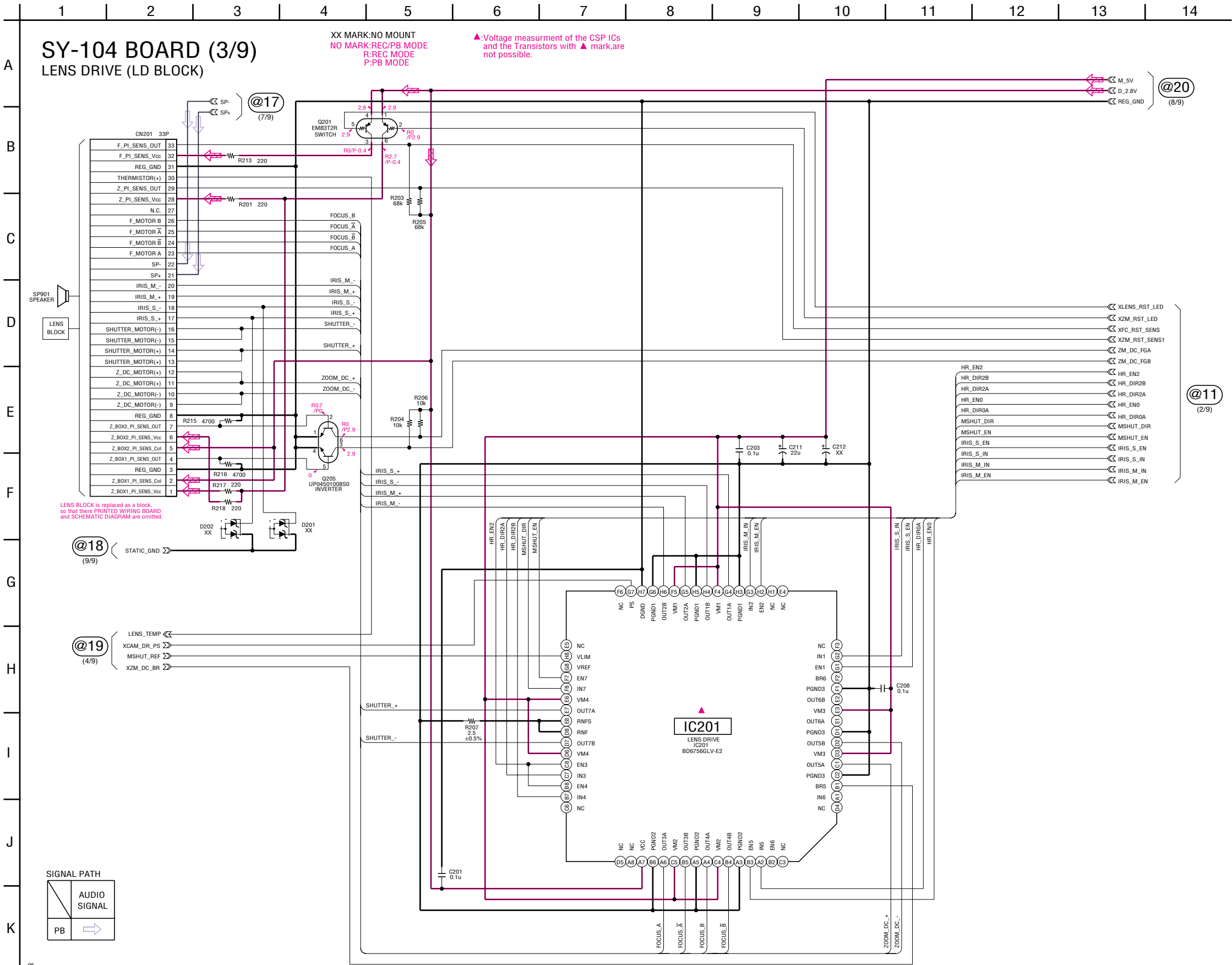
4-2. SCHEMATIC DIAGRAMS

SY-104 BOARD SIDE A

SY-104 BOARD SIDE B

For Schematic Diagram

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



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



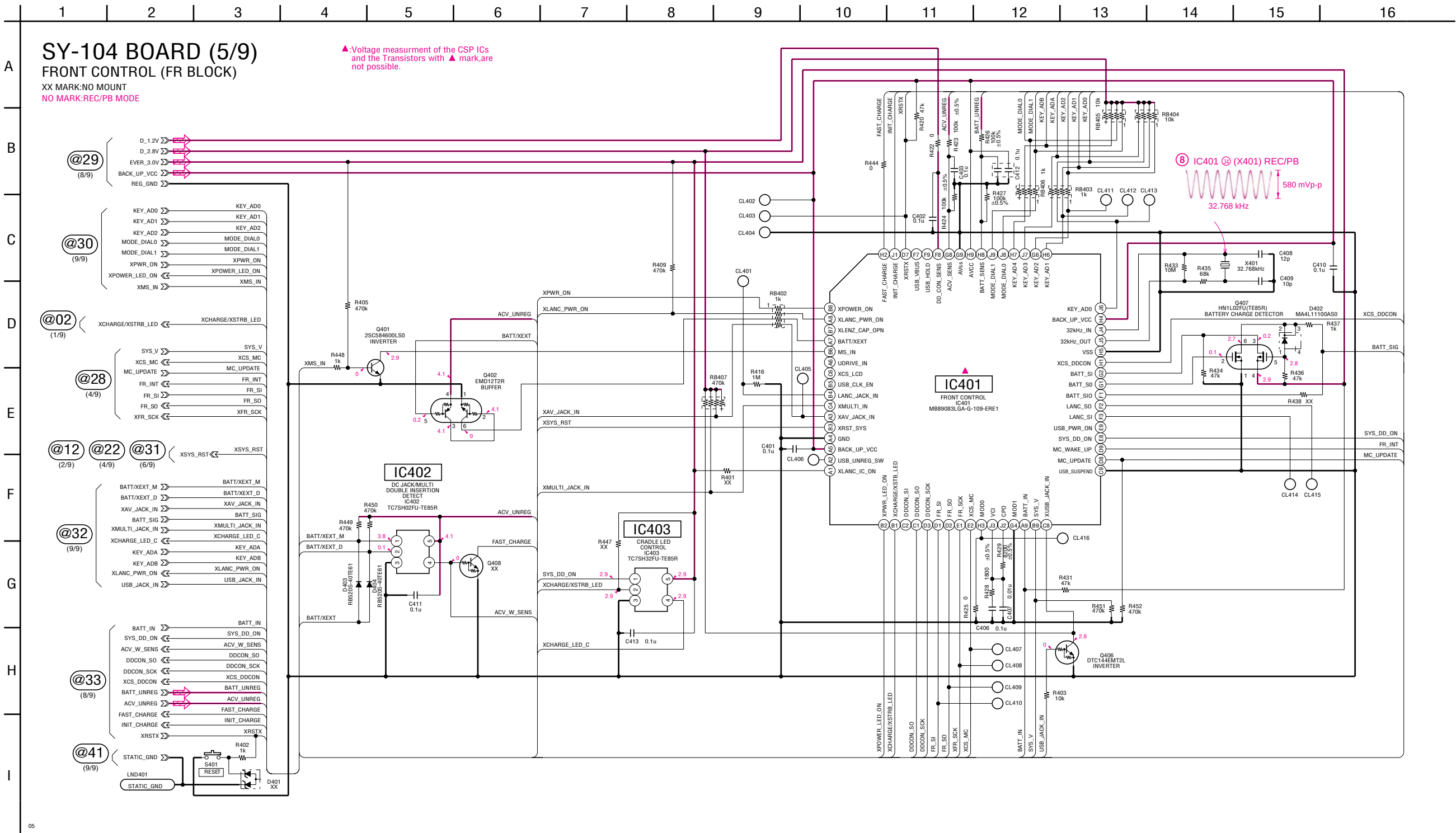
4-2. SCHEMATIC DIAGRAMS

SY-104 BOARD SIDE A

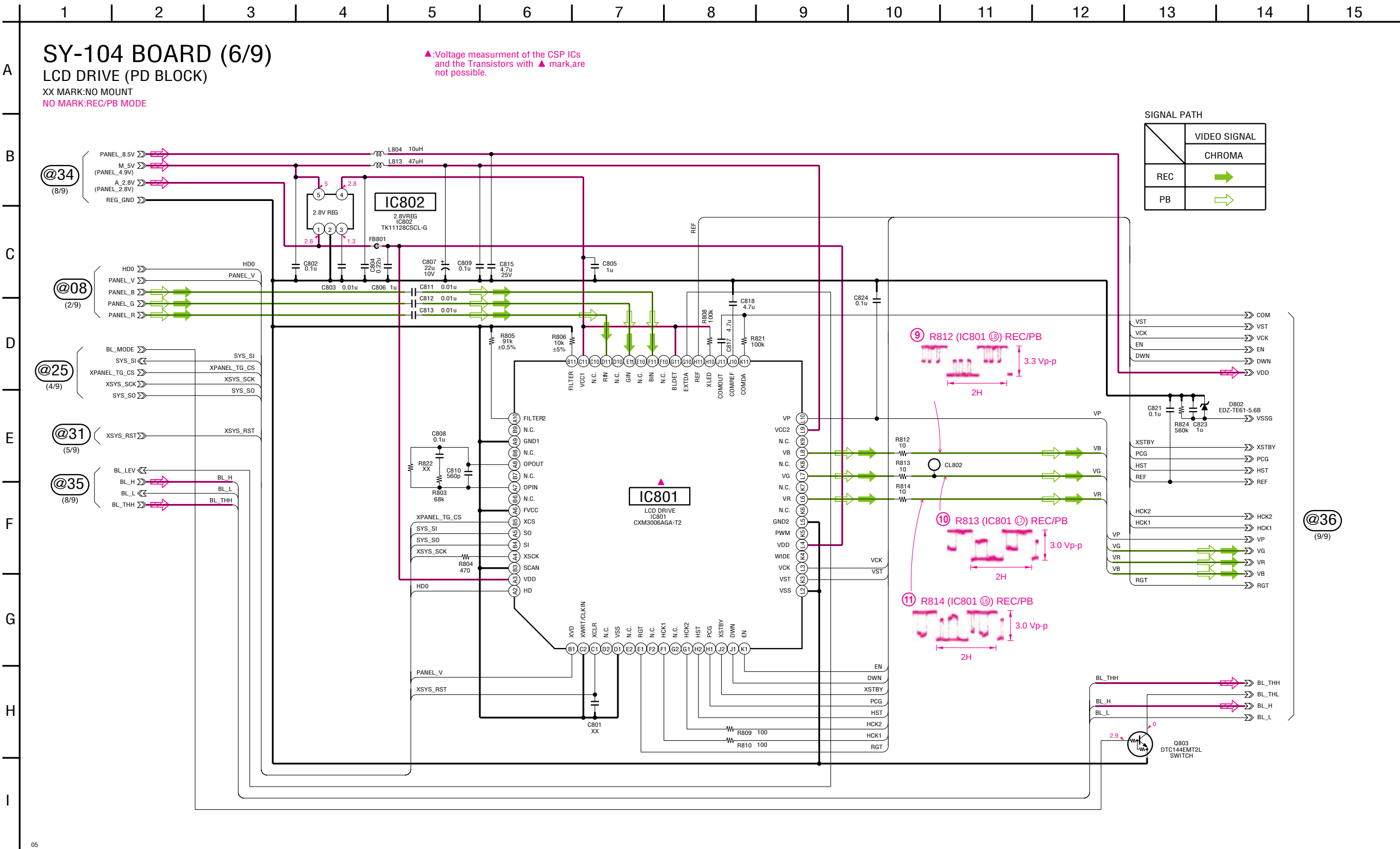
SY-104 BOARD SIDE B

For Schematic Diagram

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

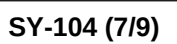


For Schematic Diagram
• Refer to page 4-39 for printed wiring board.

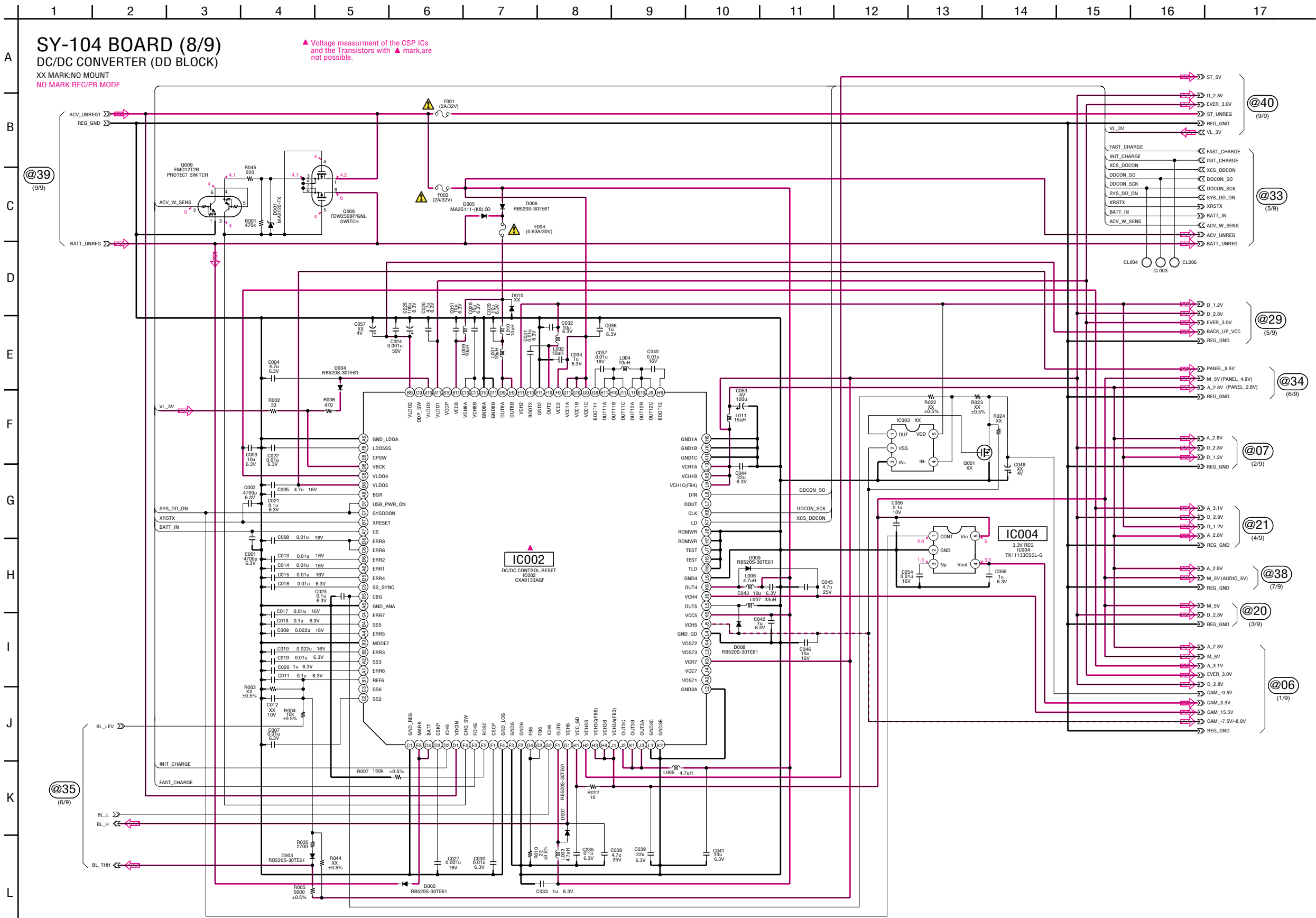


SY-104 BOARD SIDE B

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



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



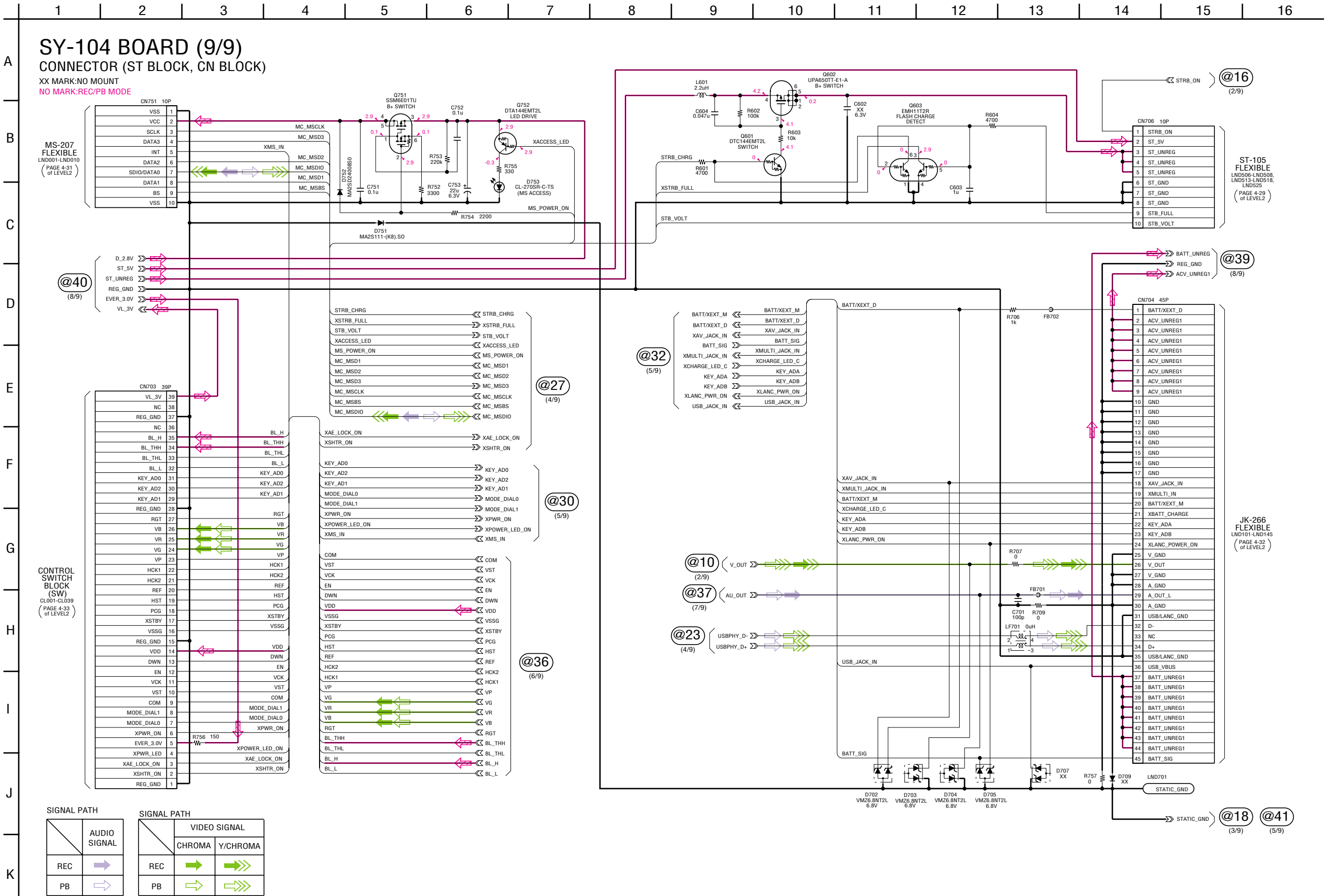
4-2. SCHEMATIC DIAGRAMS

SY-104 BOARD SIDE A

SY-104 BOARD SIDE B

For Schematic Diagram

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



4-3. PRINTED WIRING BOARDS

Link

• CH-146 BOARD

• SY-104 BOARD (SIDE B)

• SY-104 BOARD (SIDE A)

• COMMON NOTE FOR PRINTED WIRING BOARDS

• MOUNTED PARTS LOCATION

Board Name	Function
CH-146 (included in SY-104)	CCD SIGNAL PROCESS
SY-104 (Including CH-146)	CAMERA MODULE, CAMERA DSP, LENS DRIVE, SH DSP, FRONT CONTROL, LCD DRIVE, AUDIO, DC/DC CONVERTER

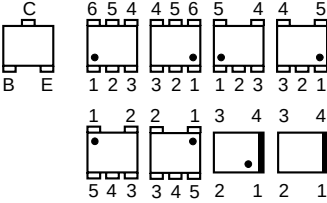
4-3. PRINTED WIRING BOARDS

4-3. PRINTED WIRING BOARDS

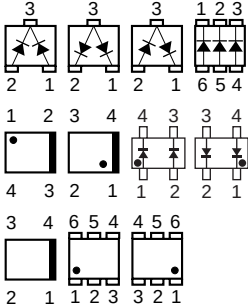
THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS

-  : 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



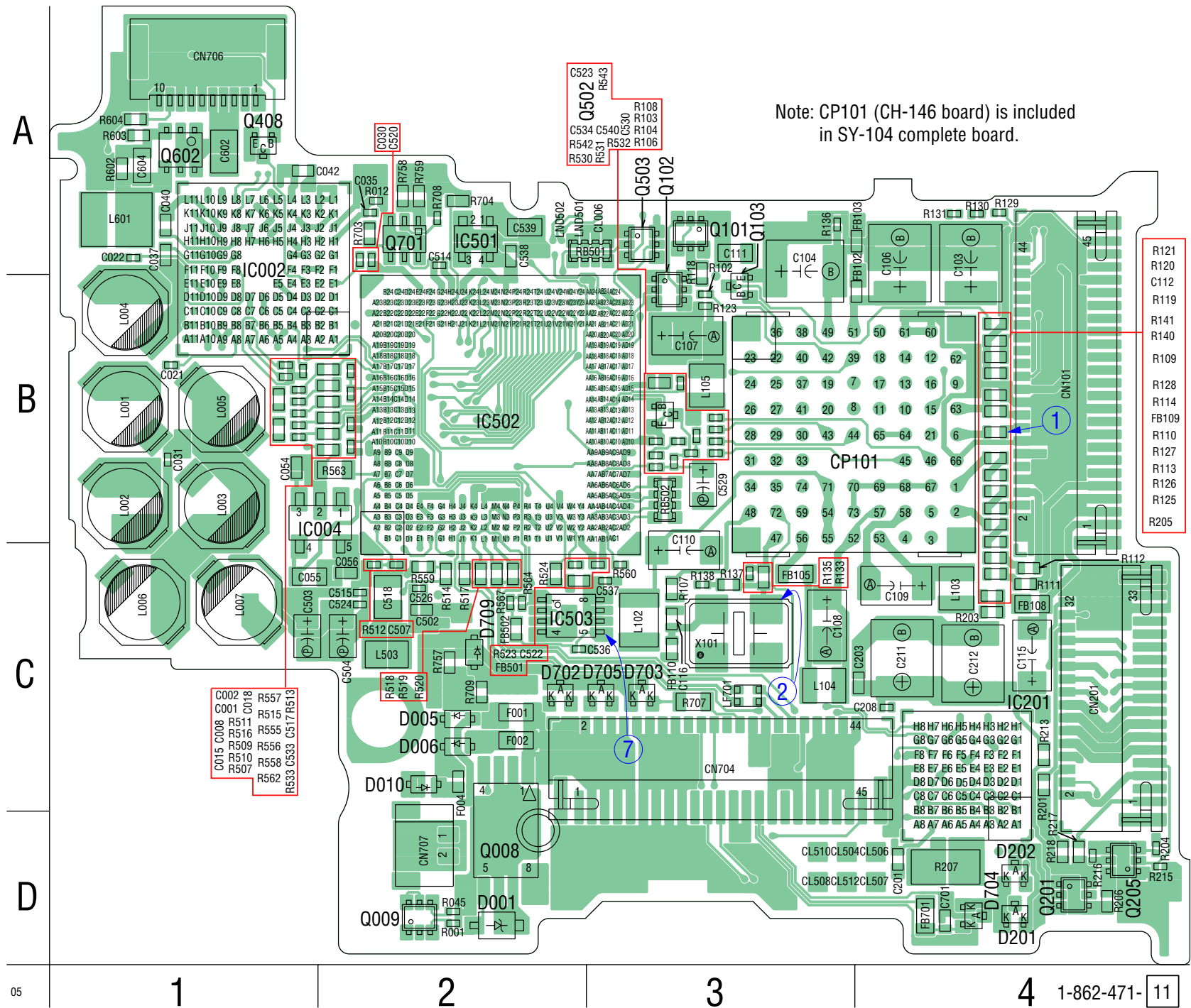
Board Name	Parts Location	Pattern	
		Total Number of Layers	Layers Not Indicated
CH-146	4-50	8 layers	2 to 7 layers
SY-104	4-50	8 layers	2 to 7 layers

SY-104

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

LF : Uses unleaded solder.

SY-104 BOARD (SIDE A)

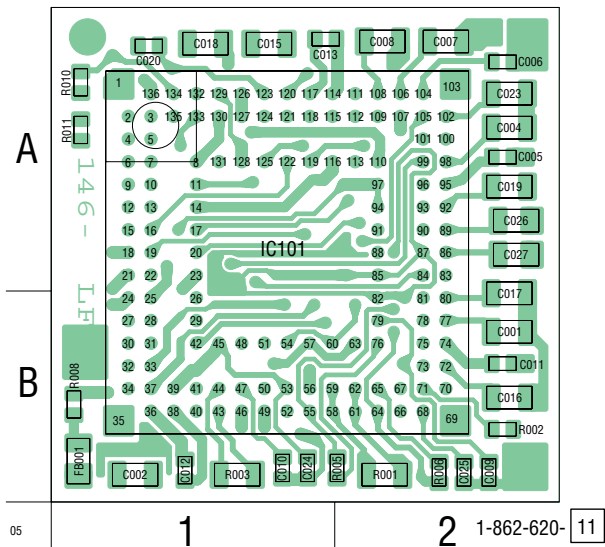


CH-146

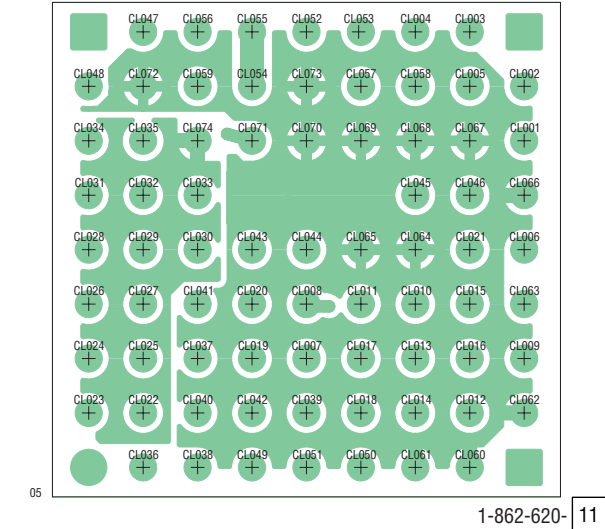
Note for Printed Wiring Board (See page 4-35).

LF : Uses unleaded solder.

CH-146 BOARD (SIDE A)



CH-146 BOARD (SIDE B)

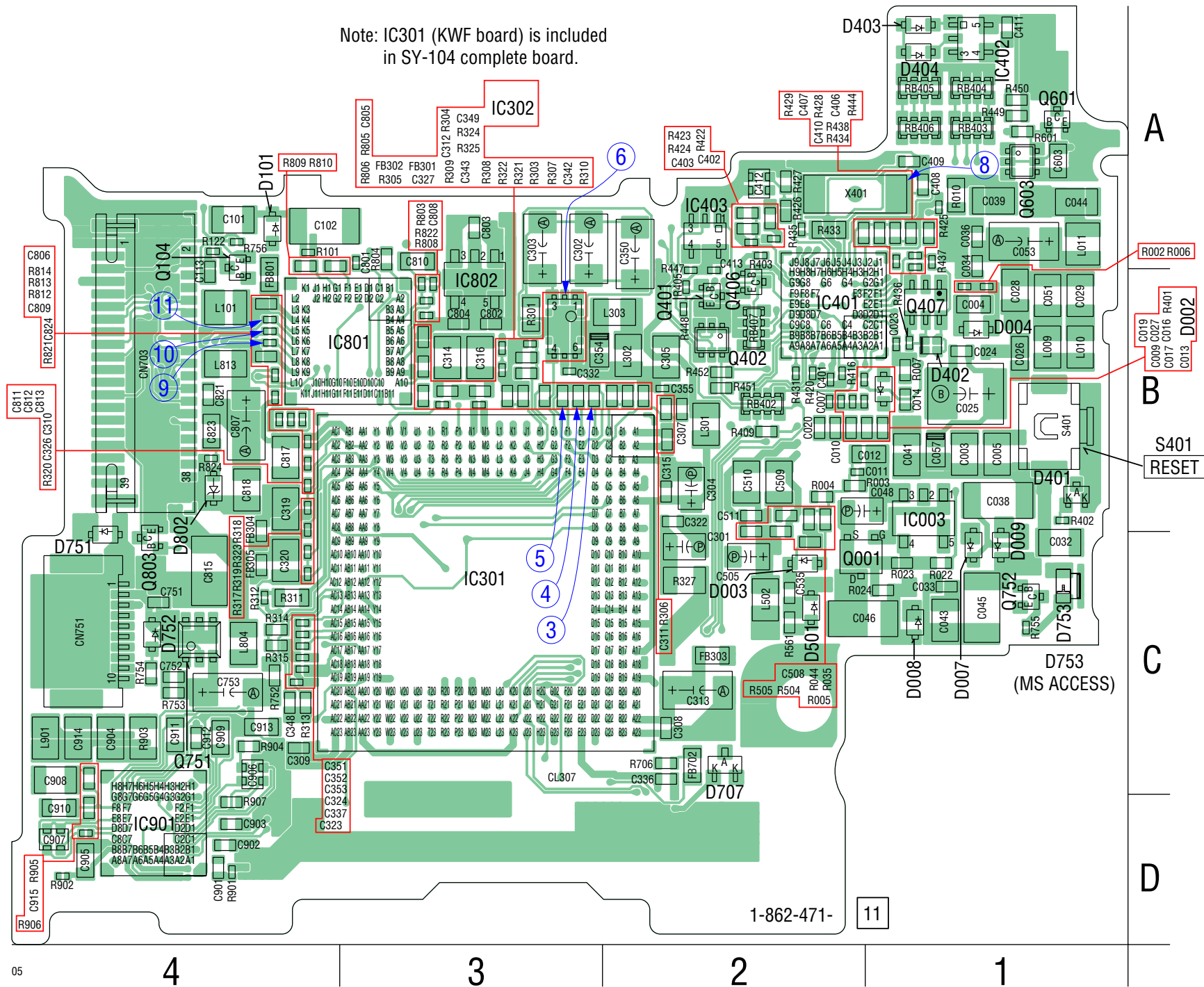


Note for Printed Wiring Board (See page 4-35).

 : Uses unleaded solder.

SY-104 BOARD (SIDE B)

Note: IC301 (KWF board) is included in SY-104 complete board.



4-3. PRINTED WIRING BOARDS

4-4. MOUNTED PARTS LOCATION

no mark : side A
* mark : side B

CH-146 BOARD		SY-104 BOARD									
C002	B-1	C001	C-1	* C326	B-4	* C910	D-4	L104	C-3	R215	D-4
C005	A-2	C002	C-1	* C327	A-3	* C911	C-4	* L301	B-2	R216	D-4
C006	A-2	* C003	B-1	* C332	B-3	* C912	C-4	* L302	B-2	R217	D-4
C007	A-2	* C004	B-1	* C336	C-2	* C914	C-4	* L303	B-2	R218	D-4
C008	A-2	* C005	B-1	* C337	D-4	* C915	D-4	* L502	C-2	* R301	B-3
C009	B-2	* C007	B-2	* C342	A-3			L503	C-2	* R303	A-3
C010	B-1	C008	C-1	* C343	A-3	CN101	B-4	L601	A-1	* R304	A-3
C011	B-2	* C009	B-1	* C348	C-4	CN201	C-4	* L804	C-4	* R305	A-3
C012	B-1	* C010	B-2	* C349	A-3	* CN703	B-4	* L813	B-4	* R306	C-2
C013	A-1	* C011	B-1	* C350	A-2	CN704	C-3	* L901	C-4	* R307	A-3
C015	A-1	* C013	B-1	* C351	C-4	CN706	A-1			* R308	A-3
C018	A-1	* C014	B-1	* C352	C-4	CN707	D-2			* R309	A-3
C019	A-2	C015	C-1	* C353	C-4	* CN751	C-4	LF701	C-3	* R310	A-3
C020	A-1	* C016	B-1	* C354	B-3			Q008	D-2	* R313	C-4
C024	B-1	* C017	B-1	* C355	B-2	D001	D-2	Q009	D-2	* R314	C-4
C025	B-2	C018	C-1	* C401	B-2	* D002	B-1	Q101	A-3	* R315	C-4
C026	A-2	* C019	B-1	* C402	A-2	* D003	C-2	Q102	A-3	* R318	C-4
C027	A-2	* C020	B-2	* C403	A2	* D004	B-1	Q103	A-3	* R319	C-4
		C021	B-1	* C406	A-2	D005	C-2	* Q104	A-4	* R321	A-3
FB001	B-1	C022	A-1	* C407	A-2	D006	C-2	Q201	D-4	* R322	A-3
		* C023	B-1	* C408	A-1	* D007	C-1	Q205	D-4	* R323	C-4
IC101	A-1	* C024	B-1	* C409	A-1	* D008	C-1	* Q401	B-2	* R324	A-3
		* C025	B-1	* C410	A-2	* D009	C-1	* Q402	B-2	* R325	A-3
R003	B-1	* C026	B-1	* C411	A-1	* D101	A-4	* Q406	B-2	* R327	C-2
R008	B-1	* C027	B-1	* C412	A-2	* D402	B-1	* Q407	B-1	* R402	B-1
		* C028	B-1	* C413	A-2	* D403	A-1	Q502	A-2	* R403	A-2
		* C029	B-1	C502	C-2	* D404	A-1	Q503	A-3	* R405	B-2
		C030	A-2	C503	C-1	D702	C-4	* Q601	A-1	* R409	B-2
		C031	B-1	C504	C-2	D703	C-3	Q602	A-1	* R416	B-2
		* C032	C-1	* C505	C-2	D704	D-4	* Q603	A-1	* R420	B-2
		* C033	C-1	C507	C-2	D705	C-3	Q701	A-2	* R422	A-2
		* C034	A-1	* C509	B-2	* D751	C-4	* Q751	C-4	* R423	A-2
		C035	A-2	* C510	B-2	* D752	C-4	* Q752	C-1	* R424	A-2
		* C036	A-1	C514	A-2	* D753	C-1	* Q803	C-4	* R425	A-1
		C037	A-1	C515	C-2	* D802	B-4			* R426	A-2
		* C038	B-1	C517	C-1			R001	D-2	* R427	A-2
		* C039	A-1	C518	C-2	F001	C-2	* R002	A-1	* R428	A-2
		C040	A-1	C520	A-2	F002	C-2	* R004	B-2	* R429	A-2
		* C041	B-1	C522	C-2	F004	C-2	* R005	C-2	* R431	B-2
		C042	A-2	C523	A-2			* R006	A-1	* R433	A-2
		* C043	C-1	C524	C-2	FB102	A-4	* R007	B-1	* R434	A-2
		* C044	A-1	C526	C-2	FB103	A-4	* R010	A-1	* R435	A-2
		* C045	C-1	C529	B-3	FB105	C-3	R012	A-2	* R436	B-1
		* C046	C-1	C530	A-3	FB108	C-4	* R035	C-2	* R437	A-1
		* C051	B-1	C533	C-1	FB109	B-4	R045	D-2	* R444	A-2
		* C053	A-1	C534	A-2	FB110	C-3	* R101	A-4	* R448	B-2
		C054	B-1	C536	C-3	* FB301	A-3	R102	A-3	* R449	A-1
		C055	C-1	C537	C-3	* FB302	A-3	R103	A-3	* R450	A-1
		C056	C-2	C538	A-2	* FB303	C-2	R104	A-3	* R451	B-2
		* C101	A-4	C539	A-2	* FB304	B-4	R106	A-3	* R452	B-2
		* C102	A-4	C540	A-3	* FB305	C-4	R107	C-3	* R504	C-2
		C103	A-4	* C603	A-1	FB501	C-2	R108	A-3	* R505	C-2
		C104	A-3	C604	A-1	FB502	C-2	R109	B-4	R507	C-1
		C106	A-4	C701	D-4	FB701	D-4	R110	B-4	R509	C-1
		C108	C-3	* C751	C-4	* FB702	C-2	R111	C-4	R510	C-1
		C109	C-4	* C752	C-4	* FB801	B-4	R112	C-4	R511	C-1
		C110	C-3	* C753	C-4			R113	B-4	R512	C-2
		C111	A-3	* C802	B-3	IC002	A-1	R114	B-4	R513	C-1
		* C113	B-4	* C803	A-3	IC004	B-2	R118	A-3	R514	C-2
		C115	C-4	* C804	B-3	IC201	C-4	R119	B-4	R515	C-1
		C116	C-3	* C805	A-3	* IC302	A-3	R120	A-4	R516	C-1
		C201	D-4	* C806	A-4	* IC401	B-2	R121	A-4	R517	C-2
		C203	C-4	* C807	B-4	* IC402	A-1	* R122	A-4	R518	C-2
		C208	C-4	* C808	A-3	* IC403	A-2	R123	B-3	R519	C-2
		C211	C-4	* C809	B-4	IC501	A-2	R125	B-4	R520	C-2
		* C301	C-2	* C810	A-3	IC502	B-2	R126	B-4	R523	C-2
		* C302	A-3	* C811	B-4	IC503	C-2	R127	B-4	R524	C-2
		* C303	A-3	* C812	B-4	* IC801	B-3	R128	B-4	R530	A-2
		* C304	B-2	* C813	B-4	* IC802	B-3	R129	A-4	R531	A-3
		* C305	B-2	* C815	C-4	* IC901	D-4	R130	A-4	R532	A-3
		* C307	B-2	* C817	B-4			R131	A-4	R533	C-1
		* C308	C-2	* C818	B-4	L001	B-1	R133	C-3	R542	A-2
		* C309	C-4	* C821	B-4	L002	B-1	R136	A-3	R543	A-3
		* C310	B-4	* C823	B-4	L003	B-1	R137	C-3	R555	C-1
		* C311	C-2	* C824	B-4	L004	B-1	R138	C-3	R556	C-1
		* C312	A-3	* C901	D-4	L005	B-1	R140	B-4	R557	C-1
		* C313	C-2	* C902	D-4	L006	C-1	R141	B-4	R558	C-1
		* C315	B-2	* C903	D-4	L007	C-1	R201	C-4	R559	C-2
		* C316	B-3	* C904	C-4	* L009	B-1	R203	C-4	R560	C-3
		* C319	B-4	* C905	D-4	* L010	B-1	R204	D-4	R562	C-1
		* C320	C-4	* C906	C-4	* L011	A-1	R205	B-4	R563	B-2
		* C322	B-2	* C907	D-4	* L101	B-4	R206	D-4	R567	C-2
		* C323	D-4	* C908	C-4	L102	C-3	R207	D-4	* R601	A-1
		* C324	D-4	* C909	C-4	L103	C-4	R213	C-4	R602	A-1

4-3. PRINTED WIRING BOARDS

no mark : side A
* mark : side B

R603	A-1
R604	A-1
R703	A-2
R704	A-2
* R706	C-2
R707	C-3
R708	A-2
R709	C-2
* R752	C-4
* R753	C-4
* R754	C-4
* R755	C-1
* R756	A-4
R757	C-2
R758	A-2
R759	A-2
* R803	A-3
* R804	A-3
* R805	A-3
* R806	A-3
* R808	A-3
* R809	A-4
* R810	A-4
* R812	B-4
* R813	B-4
* R814	B-4
* R821	B-4
* R824	B-4
* R901	D-4
* R902	D-4
* R903	C-4
* R904	C-4
* R905	D-4
* R906	D-4
* R907	D-4
* RB402	B-2
* RB403	A-1
* RB404	A-1
* RB405	A-1
* RB406	A-1
* RB407	B-2
RB501	A-3
RB502	B-3
* S401	B-1
X101	C-3
* X401	A-2

SECTION 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: μ F
- COILS
uH: μ H
- RESISTORS
All resistors are in ohms.
METAL: metal-film resistor
METAL OXIDE: Metal Oxide-film resistor
F: nonflammable
- SEMICONDUCTORS
In each case, u: μ , for example:
uA...: μ A... , uPA... , μ PA... ,
uPB... , μ PB... , uPC... , μ PC... ,
uPD... , μ PD...

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.

CH-146

5-2. ELECTRICAL PARTS LIST

Ref. No.	Part No.	Description
CP101	A-7113-090-A	CH-146 BOARD, COMPLETE

(CH-146 board (CP101) is included in SY-104 complete board.)		

< CAPACITOR >

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

< FERRITE BEAD >

FB001	1-469-581-21	INDUCTOR, FERRITE BEAD (1005)
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< IC >

IC101	8-753-213-16	IC CXD3434GA-T4
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< RESISTOR >

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



SY-104

Ref. No.	Part No.	Description
	A-1067-319-A	SY-104 BOARD, COMPLETE (SERVICE)

		(This complete board is including CP101 (CH-146 board) and IC301 (KWF board).)
CP101	A-7113-090-A	CH-146 BOARD, COMPLETE
		< CAPACITOR >
C001	1-128-630-91	CERAMIC CHIP 0.0047uF 10% 6.3V
C002	1-128-630-91	CERAMIC CHIP 0.0047uF 10% 6.3V
C003	1-137-710-11	CERAMIC CHIP 10uF 20% 6.3V
C004	1-100-507-91	CERAMIC CHIP 4.7uF 20% 6.3V
C005	1-100-670-11	CERAMIC CHIP 4.7uF 20% 16V
C007	1-128-632-91	CERAMIC CHIP 0.01uF 10% 6.3V
C008	1-164-943-11	CERAMIC CHIP 0.01uF 10% 16V
C009	1-107-819-11	CERAMIC CHIP 0.022uF 10% 16V
C010	1-107-819-11	CERAMIC CHIP 0.022uF 10% 16V
C011	1-100-504-91	CERAMIC CHIP 0.1uF 20% 6.3V
C013	1-164-943-11	CERAMIC CHIP 0.01uF 10% 16V
C014	1-164-943-11	CERAMIC CHIP 0.01uF 10% 16V
C015	1-164-943-11	CERAMIC CHIP 0.01uF 10% 16V
C016	1-128-632-91	CERAMIC CHIP 0.01uF 10% 6.3V
C017	1-164-943-11	CERAMIC CHIP 0.01uF 10% 16V
C018	1-100-504-91	CERAMIC CHIP 0.1uF 20% 6.3V
C019	1-128-632-91	CERAMIC CHIP 0.01uF 10% 6.3V
C020	1-100-506-91	CERAMIC CHIP 1uF 20% 6.3V
C021	1-100-504-91	CERAMIC CHIP 0.1uF 20% 6.3V
C022	1-128-632-91	CERAMIC CHIP 0.01uF 10% 6.3V
C023	1-100-504-91	CERAMIC CHIP 0.1uF 20% 6.3V
C024	1-164-937-11	CERAMIC CHIP 0.001uF 10% 50V
C025	1-128-964-91	TANTAL. CHIP 100uF 20% 6.3V
C026	1-100-507-91	CERAMIC CHIP 4.7uF 20% 6.3V
C027	1-128-627-91	CERAMIC CHIP 0.001uF 10% 16V
C028	1-137-710-11	CERAMIC CHIP 10uF 20% 6.3V
C029	1-137-710-11	CERAMIC CHIP 10uF 20% 6.3V
C030	1-128-632-91	CERAMIC CHIP 0.01uF 10% 6.3V
C031	1-128-632-91	CERAMIC CHIP 0.01uF 10% 6.3V
C032	1-137-710-11	CERAMIC CHIP 10uF 20% 6.3V
C033	1-100-506-91	CERAMIC CHIP 1uF 20% 6.3V
C034	1-100-506-91	CERAMIC CHIP 1uF 20% 6.3V
C035	1-100-504-91	CERAMIC CHIP 0.1uF 20% 6.3V
C036	1-100-506-91	CERAMIC CHIP 1uF 20% 6.3V
C037	1-164-943-11	CERAMIC CHIP 0.01uF 10% 16V
C038	1-100-671-11	CERAMIC CHIP 4.7uF 20% 25V
C039	1-100-611-91	CERAMIC CHIP 22uF 20% 6.3V
C040	1-164-943-11	CERAMIC CHIP 0.01uF 10% 16V
C041	1-137-710-11	CERAMIC CHIP 10uF 20% 6.3V
C042	1-100-506-91	CERAMIC CHIP 1uF 20% 6.3V
C043	1-137-710-11	CERAMIC CHIP 10uF 20% 6.3V
C044	1-100-611-91	CERAMIC CHIP 22uF 20% 6.3V
C045	1-100-671-11	CERAMIC CHIP 4.7uF 20% 25V
C046	1-100-672-11	CERAMIC CHIP 10uF 20% 16V
C051	1-137-710-11	CERAMIC CHIP 10uF 20% 6.3V
C053	1-100-661-11	TANTAL. CHIP 100uF 20% 4V
C054	1-164-943-11	CERAMIC CHIP 0.01uF 10% 16V
C055	1-125-837-91	CERAMIC CHIP 1uF 10% 6.3V
C056	1-125-777-11	CERAMIC CHIP 0.1uF 10% 10V
C101	1-115-339-11	CERAMIC CHIP 0.1uF 10% 50V
C102	1-137-988-91	CERAMIC CHIP 1uF 10% 35V
C103	1-113-992-11	TANTAL. CHIP 3.3uF 20% 35V
C104	1-119-751-11	TANTAL. CHIP 22uF 20% 16V

Ref. No.	Part No.	Description			
C106	1-113-992-11	TANTAL. CHIP	3.3uF	20%	35V
C108	1-100-539-91	TANTAL. CHIP	47uF	20%	6.3V
C109	1-100-661-11	TANTAL. CHIP	100uF	20%	4V
C110	1-100-539-91	TANTAL. CHIP	47uF	20%	6.3V
C111	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C113	1-100-505-11	CERAMIC CHIP	0.1uF	20%	16V
C115	1-137-910-11	TANTAL. CHIP	10uF	20%	16V
C116	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C201	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C203	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C208	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C211	1-100-663-11	TANTAL. CHIP	22uF	20%	10V
C301	1-117-919-11	TANTAL. CHIP	10uF	20%	6.3V
C302	1-100-539-91	TANTAL. CHIP	47uF	20%	6.3V
C303	1-119-750-11	TANTAL. CHIP	22uF	20%	6.3V
C304	1-117-919-11	TANTAL. CHIP	10uF	20%	6.3V
C305	1-137-710-11	CERAMIC CHIP	10uF	20%	6.3V
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	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C311	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C312	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C313	1-100-661-11	TANTAL. CHIP	100uF	20%	4V
C315	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C316	1-137-710-11	CERAMIC CHIP	10uF	20%	6.3V
C319	1-137-710-11	CERAMIC CHIP	10uF	20%	6.3V
C320	1-137-710-11	CERAMIC CHIP	10uF	20%	6.3V
C322	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C323	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C324	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C326	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C327	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C332	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C336	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C337	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C342	1-164-941-11	CERAMIC CHIP	0.0047uF	10%	16V
C343	1-107-819-11	CERAMIC CHIP	0.022uF	10%	16V
C348	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C349	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C350	1-100-539-91	TANTAL. CHIP	47uF	20%	6.3V
C351	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C352	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C353	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C354	1-137-700-11	TANTAL. CHIP	10uF	20%	6.3V
C355	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C401	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C402	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C403	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C406	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C407	1-164-943-11	CERAMIC CHIP	0.01uF	10%	16V
C408	1-164-852-11	CERAMIC CHIP	12PF	5%	50V
C409	1-164-850-11	CERAMIC CHIP	10PF	0.5PF	50V
C410	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C411	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C412	1-100-252-11	CERAMIC CHIP	0.1uF	10%	6.3V
C413	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C502	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C503	1-117-919-11	TANTAL. CHIP	10uF	20%	6.3V
C504	1-127-895-91	TANTAL. CHIP	22uF	20%	4V

Ref. No.	Part No.	Description				Ref. No.	Part No.	Description			
C505	1-127-895-91	TANTAL. CHIP	22uF	20%	4V	C912	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C507	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V	C914	1-137-710-11	CERAMIC CHIP	10uF	20%	6.3V
						C915	1-164-948-11	CERAMIC CHIP	0.022uF		16V
C509	1-137-710-11	CERAMIC CHIP	10uF	20%	6.3V	< CONNECTOR >					
C510	1-137-710-11	CERAMIC CHIP	10uF	20%	6.3V	CN101	1-817-623-41	CONNECTOR, FPC (ZIF) 45P			
C514	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V	CN201	1-815-333-11	CONNECTOR, FPC (ZIF) 33P			
C515	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V	CN703	1-816-057-11	CONNECTOR, FPC (ZIF) 39P			
C517	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V	CN704	1-817-623-41	CONNECTOR, FPC (ZIF) 45P			
						CN706	1-817-705-11	CONNECTOR, FPC (LIF (NON-ZIF)) 10P			
C518	1-137-710-11	CERAMIC CHIP	10uF	20%	6.3V	CN707	1-794-375-21	PIN, CONNECTOR 2P			
C520	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V	CN751	1-817-705-11	CONNECTOR, FPC (LIF (NON-ZIF)) 10P			
C522	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V	< DIODE >					
C523	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	D001	8-719-158-49	DIODE RD12SB2			
C524	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V	D002	8-719-069-29	DIODE RB520S-30TE61			
						D003	8-719-069-29	DIODE RB520S-30TE61			
C526	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V	D004	8-719-069-29	DIODE RB520S-30TE61			
C529	1-127-578-91	TANTAL. CHIP	3.3uF	20%	6.3V	D005	8-719-056-23	DIODE MA2S111-(K8).SO			
C530	1-128-627-91	CERAMIC CHIP	0.001uF	10%	16V	D006	8-719-069-29	DIODE RB520S-30TE61			
C533	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V	D007	8-719-069-29	DIODE RB520S-30TE61			
C534	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V	D008	8-719-069-29	DIODE RB520S-30TE61			
						D009	8-719-069-29	DIODE RB520S-30TE61			
C536	1-128-604-91	CERAMIC CHIP	10PF	0.5PF	25V	D101	8-719-056-23	DIODE MA2S111-(K8).SO			
C537	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V	D402	8-719-077-54	DIODE MA4L11100AS0			
C538	1-100-506-91	CERAMIC CHIP	1uF	20%	6.3V	D403	6-500-619-01	DIODE RB520S-40TE61			
C539	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V	D404	6-500-619-01	DIODE RB520S-40TE61			
C540	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V	D702	6-500-776-01	DIODE MAZW068H0LS0			
						D703	6-500-776-01	DIODE MAZW068H0LS0			
C603	1-125-837-91	CERAMIC CHIP	1uF	10%	6.3V	D704	6-500-776-01	DIODE MAZW068H0LS0			
C604	1-100-756-91	CERAMIC CHIP	0.047uF		50V	D705	6-500-776-01	DIODE MAZW068H0LS0			
C701	1-164-874-11	CERAMIC CHIP	100PF	5%	50V	D751	8-719-056-23	DIODE MA2S111-(K8).SO			
C751	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	D752	6-500-186-01	DIODE MA2SD24008S0			
C752	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	D753	8-719-082-38	DIODE CL-270SR-C-TS (MS ACCESS)			
						D802	8-719-074-67	DIODE EDZ-TE61-5.6B			
C753	1-119-750-11	TANTAL. CHIP	22uF	20%	6.3V	< FUSE >					
C802	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	△F001	1-576-415-21	FUSE (2A/32V)			
C803	1-164-943-11	CERAMIC CHIP	0.01uF	10%	16V	△F002	1-576-415-21	FUSE (2A/32V)			
C804	1-165-887-91	CERAMIC CHIP	0.22uF	10%	6.3V	△F004	1-576-852-21	FUSE, MICRO (1005) (0.63A/30V)			
C805	1-100-506-91	CERAMIC CHIP	1uF	20%	6.3V	< FERRITE BEAD >					
						FB102	1-469-082-21	INDUCTOR, FERRITE BEAD (1005)			
C806	1-100-506-91	CERAMIC CHIP	1uF	20%	6.3V	FB103	1-469-082-21	INDUCTOR, FERRITE BEAD (1005)			
C807	1-165-897-11	TANTAL. CHIP	22uF	20%	10V	FB105	1-414-228-11	INDUCTOR, FERRITE BEAD			
C808	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V	FB108	1-414-228-11	INDUCTOR, FERRITE BEAD			
C809	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	FB109	1-400-722-11	INDUCTOR, FERRITE BEAD (1005)			
C810	1-164-739-11	CERAMIC CHIP	560PF	5%	50V						
C811	1-128-632-91	CERAMIC CHIP	0.01uF	10%	6.3V	FB110	1-469-083-21	INDUCTOR, FERRITE BEAD (1005)			
C812	1-128-632-91	CERAMIC CHIP	0.01uF	10%	6.3V	FB301	1-469-083-21	INDUCTOR, FERRITE BEAD (1005)			
C813	1-128-632-91	CERAMIC CHIP	0.01uF	10%	6.3V	FB302	1-218-990-11	SHORT CHIP 0 (Note)			
C815	1-100-671-11	CERAMIC CHIP	4.7uF	20%	25V	FB303	1-414-921-11	INDUCTOR, FERRITE BEAD			
C817	1-127-760-11	CERAMIC CHIP	4.7uF	10%	6.3V	FB304	1-469-083-21	INDUCTOR, FERRITE BEAD (1005)			
C818	1-127-760-11	CERAMIC CHIP	4.7uF	10%	6.3V	FB305	1-469-083-21	INDUCTOR, FERRITE BEAD (1005)			
C821	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	FB501	1-469-083-21	INDUCTOR, FERRITE BEAD (1005)			
C823	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	FB502	1-469-581-21	INDUCTOR, FERRITE BEAD (1005)			
C824	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V	FB701	1-500-284-21	INDUCTOR, FERRITE BEAD			
C901	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	FB702	1-414-228-11	INDUCTOR, FERRITE BEAD			
C902	1-100-506-91	CERAMIC CHIP	1uF	20%	6.3V						
C903	1-100-506-91	CERAMIC CHIP	1uF	20%	6.3V						
C904	1-137-710-11	CERAMIC CHIP	10uF	20%	6.3V						
* C905	1-100-735-91	CERAMIC CHIP	10uF	20%	4V						
C906	1-100-249-11	CERAMIC CHIP	0.01uF	10%	16V						
C907	1-100-252-11	CERAMIC CHIP	0.1uF	10%	6.3V						
C908	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V						
C909	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V						
C910	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V						
C911	1-125-837-91	CERAMIC CHIP	1uF	10%	6.3V						

(Note) Short chip is mounted to the location where FB302 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-P100/P120

SY-104

Ref. No.	Part No.	Description
FB801	1-414-760-21	BEAD, FERRITE (CHIP) (1608)
		< IC >
IC002	6-706-006-01	IC CXA8133AGF
IC004	6-702-302-01	IC TK11133CSCL-G
IC201	6-706-005-01	IC BD6756GLV-E2
IC301	A-1065-468-A	KWF BOARD, COMPLETE
IC302	6-704-365-01	IC NJM2578KJ1 (TE3)
IC401	6-804-467-01	IC MB89083LGA-G-109-ERE1
IC402	8-759-271-84	IC TC7SH02FU
IC403	8-759-196-97	IC TC7SH32FU-TE85R
IC501	6-702-277-01	IC R1141Q181B-TR-FA
IC502	(Note 1)	IC JSCIS001BF01GA-T6
IC503	8-759-698-31	IC TC7WH74FK (TE85R)
IC801	8-753-217-00	IC CXM3006AGA-T2
IC802	6-704-149-01	IC TK11128CSCL-G
IC901	6-705-754-01	IC BH6413GLU-E2
		< COIL >
L001	1-456-500-11	INDUCTOR 10uH
L002	1-456-500-11	INDUCTOR 10uH
L003	1-456-499-11	INDUCTOR 4.7uH
L004	1-456-500-11	INDUCTOR 10uH
L005	1-456-499-11	INDUCTOR 4.7uH
L006	1-456-499-11	INDUCTOR 4.7uH
L007	1-456-501-11	INDUCTOR 33uH
L009	1-469-757-21	INDUCTOR 10uH
L010	1-469-757-21	INDUCTOR 10uH
L011	1-469-556-21	INDUCTOR 15uH
L101	1-469-561-21	INDUCTOR 10 0uH
L102	1-216-295-91	SHORT CHIP 0 (Note 2)
L103	1-469-559-21	INDUCTOR 47uH
L104	1-469-559-21	INDUCTOR 47uH
L301	1-469-570-11	INDUCTOR 10uH
L302	1-469-757-21	INDUCTOR 10uH
L303	1-469-757-21	INDUCTOR 10uH
L502	1-469-757-21	INDUCTOR 10uH
L503	1-469-757-21	INDUCTOR 10uH
L601	1-412-027-11	INDUCTOR 2.2uH
L804	1-469-570-11	INDUCTOR 10uH
L813	1-469-846-11	INDUCTOR 47uH
L901	1-469-757-21	INDUCTOR 10uH
		< LINE FILTER >
LF701	1-456-583-11	COIL, COMMON MODE CHOKE
		< TRANSISTOR >
Q008	6-550-844-01	TRANSISTOR FDW2508P/GNL
Q009	6-550-025-01	TRANSISTOR EMD12T2R
Q101	6-550-509-01	TRANSISTOR RN2907FE (TPLR3)
Q102	6-550-508-01	TRANSISTOR RN1907FE (TPLR3)
Q103	6-550-119-01	TRANSISTOR DTC144EMT2L
Q104	6-550-119-01	TRANSISTOR DTC144EMT2L
Q201	8-729-054-51	TRANSISTOR UP04116008S0
Q205	8-729-054-50	TRANSISTOR UP04501008S0
Q401	6-550-237-01	TRANSISTOR 2SC5658T2LQ/R
Q402	6-550-025-01	TRANSISTOR EMD12T2R

Ref. No.	Part No.	Description
Q406	6-550-119-01	TRANSISTOR DTC144EMT2L
Q407	8-729-041-43	TRANSISTOR HN1L02FU (TE85R)
Q502	6-550-119-01	TRANSISTOR DTC144EMT2L
Q503	8-729-053-58	TRANSISTOR RN1904FE (TPLR3)
Q601	6-550-119-01	TRANSISTOR DTC144EMT2L
Q602	6-550-528-01	TRANSISTOR UPA650TT-E1-A
Q603	6-550-807-01	TRANSISTOR EMH11T2R
Q701	6-550-376-01	TRANSISTOR UMX1N-TN
Q751	6-550-576-01	TRANSISTOR SSM6E01TU
Q752	6-550-239-01	TRANSISTOR DTA144EMT2L
Q803	6-550-119-01	TRANSISTOR DTC144EMT2L
		< RESISTOR >
R001	1-240-726-91	METAL CHIP 470K 5% 1/20W
R002	1-240-678-91	METAL CHIP 33 5% 1/20W
R004	1-208-707-11	METAL CHIP 10K 0.5% 1/16W
R005	1-208-701-11	METAL CHIP 5.6K 0.5% 1/16W
R006	1-240-691-91	METAL CHIP 470 5% 1/20W
R007	1-208-939-11	METAL CHIP 150K 0.5% 1/16W
R010	1-211-977-11	METAL CHIP 22 0.5% 1/10W
R012	1-240-672-11	METAL CHIP 10 5% 1/20W
R035	1-218-958-11	RES-CHIP 2.7K 5% 1/16W
R045	1-240-687-91	METAL CHIP 220 5% 1/20W
R101	1-240-718-91	METAL CHIP 100K 5% 1/20W
R102	1-240-695-91	METAL CHIP 1K 5% 1/20W
R103	1-240-687-91	METAL CHIP 220 5% 1/20W
R104	1-240-687-91	METAL CHIP 220 5% 1/20W
R106	1-240-687-91	METAL CHIP 220 5% 1/20W
R107	1-218-945-11	RES-CHIP 220 5% 1/16W
R108	1-240-687-91	METAL CHIP 220 5% 1/20W
R109	1-218-990-11	SHORT CHIP 0
R110	1-220-803-81	RES-CHIP 4.7 5% 1/16W
R111	1-245-265-11	METAL CHIP 8.2 5% 1/16W
R112	1-245-265-11	METAL CHIP 8.2 5% 1/16W
R113	1-245-265-11	METAL CHIP 8.2 5% 1/16W
R114	1-245-265-11	METAL CHIP 8.2 5% 1/16W
R118	1-218-976-11	RES-CHIP 82K 5% 1/16W
R119	1-218-990-11	SHORT CHIP 0
R120	1-218-989-11	RES-CHIP 1M 5% 1/16W
R121	1-218-981-11	RES-CHIP 220K 5% 1/16W
R122	1-240-697-91	METAL CHIP 1.5K 5% 1/20W
R123	1-694-535-91	SHORT CHIP 0
R125	1-218-990-11	SHORT CHIP 0
R126	1-218-990-11	SHORT CHIP 0
R127	1-218-990-11	SHORT CHIP 0
R128	1-218-990-11	SHORT CHIP 0
R129	1-240-684-91	METAL CHIP 120 5% 1/20W
R130	1-240-695-91	METAL CHIP 1K 5% 1/20W
R131	1-240-685-91	METAL CHIP 150 5% 1/20W
R133	1-218-990-11	SHORT CHIP 0
R136	1-240-718-91	METAL CHIP 100K 5% 1/20W
R137	1-218-990-11	SHORT CHIP 0
R138	1-694-535-91	SHORT CHIP 0
R140	1-218-990-11	SHORT CHIP 0
R141	1-218-990-11	SHORT CHIP 0
R201	1-218-945-11	RES-CHIP 220 5% 1/16W
R203	1-218-975-11	RES-CHIP 68K 5% 1/16W
R204	1-240-707-91	METAL CHIP 10K 5% 1/20W

(Note 1) Part number is not fixed yet.
It will be notified by Supplement of Service Manual when it is fixed.

(Note 2) Short chip is mounted to the location where L102 is printed.

Ref. No.	Part No.	Description				Ref. No.	Part No.	Description			
R205	1-218-975-11	RES-CHIP	68K	5%	1/16W	R509	1-240-682-91	METAL CHIP	82	5%	1/20W
R206	1-218-965-11	RES-CHIP	10K	5%	1/16W	R510	1-240-682-91	METAL CHIP	82	5%	1/20W
R207	1-245-558-11	METAL CHIP	2.5	0.5%	1/2W	R511	1-240-682-91	METAL CHIP	82	5%	1/20W
R213	1-218-945-11	RES-CHIP	220	5%	1/16W	R512	1-240-714-91	METAL CHIP	47K	5%	1/20W
R215	1-240-703-91	METAL CHIP	4.7K	5%	1/20W	R513	1-240-695-91	METAL CHIP	1K	5%	1/20W
R216	1-240-703-91	METAL CHIP	4.7K	5%	1/20W	R514	1-218-940-11	RES-CHIP	82	5%	1/16W
R217	1-218-945-11	RES-CHIP	220	5%	1/16W	R515	1-469-581-21	INDUCTOR, FERRITE BEAD (1005) (Note)			
R218	1-218-945-11	RES-CHIP	220	5%	1/16W	R516	1-240-681-91	METAL CHIP	68	5%	1/20W
R301	1-216-807-11	METAL CHIP	68	5%	1/10W	R517	1-208-635-11	METAL CHIP	10	0.5%	1/16W
R303	1-208-677-11	METAL CHIP	560	0.5%	1/16W	R518	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R304	1-240-695-91	METAL CHIP	1K	5%	1/20W	R519	1-208-635-11	METAL CHIP	10	0.5%	1/16W
R305	1-694-535-91	SHORT CHIP	0			R520	1-208-647-11	METAL CHIP	33	0.5%	1/16W
R306	1-208-713-11	METAL CHIP	18K	0.5%	1/16W	R523	1-240-697-91	METAL CHIP	1.5K	5%	1/20W
R307	1-208-707-11	METAL CHIP	10K	0.5%	1/16W	R524	1-220-179-11	RES-CHIP	510	5%	1/16W
R308	1-208-663-11	METAL CHIP	150	0.5%	1/16W	R530	1-240-700-91	METAL CHIP	2.7K	5%	1/20W
R309	1-218-958-11	RES-CHIP	2.7K	5%	1/16W	R531	1-240-707-91	METAL CHIP	10K	5%	1/20W
R310	1-218-970-11	RES-CHIP	27K	5%	1/16W	R532	1-240-703-91	METAL CHIP	4.7K	5%	1/20W
R313	1-208-707-11	METAL CHIP	10K	0.5%	1/16W	R533	1-240-718-91	METAL CHIP	100K	5%	1/20W
R314	1-208-701-11	METAL CHIP	5.6K	0.5%	1/16W	R542	1-240-695-91	METAL CHIP	1K	5%	1/20W
R315	1-208-707-11	METAL CHIP	10K	0.5%	1/16W	R543	1-240-695-91	METAL CHIP	1K	5%	1/20W
R318	1-694-535-91	SHORT CHIP	0			R555	1-469-581-21	INDUCTOR, FERRITE BEAD (1005) (Note)			
R319	1-694-535-91	SHORT CHIP	0			R556	1-218-990-11	SHORT CHIP	0		
R321	1-208-677-11	METAL CHIP	560	0.5%	1/16W	R557	1-469-581-21	INDUCTOR, FERRITE BEAD (1005) (Note)			
R322	1-208-677-11	METAL CHIP	560	0.5%	1/16W	R558	1-469-581-21	INDUCTOR, FERRITE BEAD (1005) (Note)			
R323	1-694-535-91	SHORT CHIP	0			R559	1-469-581-21	INDUCTOR, FERRITE BEAD (1005) (Note)			
R324	1-208-713-11	METAL CHIP	18K	0.5%	1/16W	R560	1-240-718-91	METAL CHIP	100K	5%	1/20W
R325	1-218-970-11	RES-CHIP	27K	5%	1/16W	R562	1-218-990-11	SHORT CHIP	0		
R327	1-216-295-91	SHORT CHIP	0			R563	1-216-864-11	SHORT CHIP	0		
R402	1-240-695-91	METAL CHIP	1K	5%	1/20W	R567	1-240-688-91	METAL CHIP	270	5%	1/20W
R403	1-240-707-91	METAL CHIP	10K	5%	1/20W	R601	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R405	1-240-726-91	METAL CHIP	470K	5%	1/20W	R602	1-218-977-11	RES-CHIP	100K	5%	1/16W
R409	1-218-985-11	RES-CHIP	470K	5%	1/16W	R603	1-218-965-11	RES-CHIP	10K	5%	1/16W
R416	1-240-729-91	METAL CHIP	1M	5%	1/20W	R604	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R420	1-240-714-91	METAL CHIP	47K	5%	1/20W	R703	1-218-953-11	RES-CHIP	1K	5%	1/16W
R422	1-218-990-11	SHORT CHIP	0			R704	1-218-977-11	RES-CHIP	100K	5%	1/16W
R423	1-208-935-11	METAL CHIP	100K	0.5%	1/16W	R706	1-218-953-11	RES-CHIP	1K	5%	1/16W
R424	1-208-935-11	METAL CHIP	100K	0.5%	1/16W	R707	1-216-864-11	SHORT CHIP	0		
R425	1-694-535-91	SHORT CHIP	0			R708	1-240-718-91	METAL CHIP	100K	5%	1/20W
R426	1-208-935-11	METAL CHIP	100K	0.5%	1/16W	R709	1-218-990-11	SHORT CHIP	0		
R427	1-208-935-11	METAL CHIP	100K	0.5%	1/16W	R752	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R428	1-208-689-11	METAL CHIP	1.8K	0.5%	1/16W	R753	1-218-981-11	RES-CHIP	220K	5%	1/16W
R429	1-208-909-11	METAL CHIP	8.2K	0.5%	1/16W	R754	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R431	1-240-714-91	METAL CHIP	47K	5%	1/20W	R755	1-240-689-91	METAL CHIP	330	5%	1/20W
R433	1-219-570-11	METAL CHIP	10M	5%	1/10W	R756	1-240-685-91	METAL CHIP	150	5%	1/20W
R434	1-240-714-91	METAL CHIP	47K	5%	1/20W	R757	1-218-990-11	SHORT CHIP	0		
R435	1-240-716-91	METAL CHIP	68K	5%	1/20W	R758	1-218-939-11	RES-CHIP	68	5%	1/16W
R436	1-240-714-91	METAL CHIP	47K	5%	1/20W	R759	1-218-939-11	RES-CHIP	68	5%	1/16W
R437	1-240-695-91	METAL CHIP	1K	5%	1/20W	R803	1-240-716-91	METAL CHIP	68K	5%	1/20W
R444	1-218-990-11	SHORT CHIP	0			R804	1-218-949-11	RES-CHIP	470	5%	1/16W
R448	1-240-695-91	METAL CHIP	1K	5%	1/20W	R805	1-220-206-11	RES-CHIP	91K	5%	1/16W
R449	1-218-985-11	RES-CHIP	470K	5%	1/16W	R806	1-218-965-11	RES-CHIP	10K	5%	1/16W
R450	1-218-985-11	RES-CHIP	470K	5%	1/16W	R808	1-240-718-91	METAL CHIP	100K	5%	1/20W
R451	1-218-985-11	RES-CHIP	470K	5%	1/16W	R809	1-218-941-81	RES-CHIP	100	5%	1/16W
R452	1-218-985-11	RES-CHIP	470K	5%	1/16W	R810	1-218-941-81	RES-CHIP	100	5%	1/16W
R504	1-218-941-81	RES-CHIP	100	5%	1/16W	R812	1-240-672-11	METAL CHIP	10	5%	1/20W
R505	1-218-941-81	RES-CHIP	100	5%	1/16W	R813	1-240-672-11	METAL CHIP	10	5%	1/20W
R507	1-240-682-91	METAL CHIP	82	5%	1/20W	R814	1-240-672-11	METAL CHIP	10	5%	1/20W
						R821	1-240-718-91	METAL CHIP	100K	5%	1/20W

(Note) Ferrite beads are mounted to the location where R515, R555 and R557 to R559 are printed.

DSC-P100/P120

SY-104

Ref. No.	Part No.	Description			
R824	1-240-727-91	METAL CHIP	560K	5%	1/20W
R901	1-240-695-91	METAL CHIP	1K	5%	1/20W
R902	1-240-695-91	METAL CHIP	1K	5%	1/20W
R903	1-216-295-91	SHORT CHIP	0		
R904	1-218-989-11	RES-CHIP	1M	5%	1/16W
R905	1-218-989-11	RES-CHIP	1M	5%	1/16W
R906	1-240-697-91	METAL CHIP	1.5K	5%	1/20W
R907	1-218-971-11	RES-CHIP	33K	5%	1/16W

< COMPOSITION CIRCUIT BLOCK >

RB402	1-234-375-21	RES, NETWORK 1K x4 (1005)
RB403	1-234-375-21	RES, NETWORK 1K x4 (1005)
RB404	1-234-378-21	RES, NETWORK 10K x4 (1005)
RB405	1-234-378-21	RES, NETWORK 10K x4 (1005)
RB406	1-234-375-21	RES, NETWORK 1K x4 (1005)
RB407	1-234-383-21	RES, NETWORK 470K x4 (1005)
RB501	1-234-381-21	RES, NETWORK 100K x4 (1005)
RB502	1-234-381-21	RES, NETWORK 100K x4 (1005)

< SWITCH >

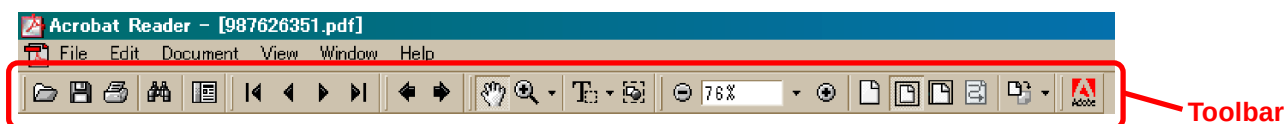
S401	1-786-435-21	TACTILE SWITCH (RESET)
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< VIBRATOR >

X101	1-795-695-11	QUARTZ CRYSTAL OSCILLATOR (54MHz)
X401	1-795-029-11	VIBRATOR, CRYSTAL (32.768kHz)



[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:

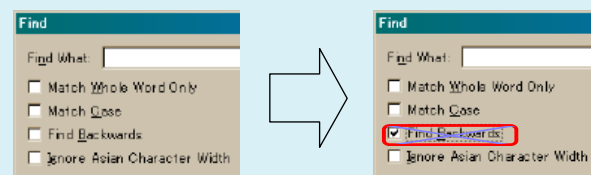
This function allows you to go and back between circuit diagram and printed circuit board diagram, and accordingly it will be convenient for the voltage check.

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.

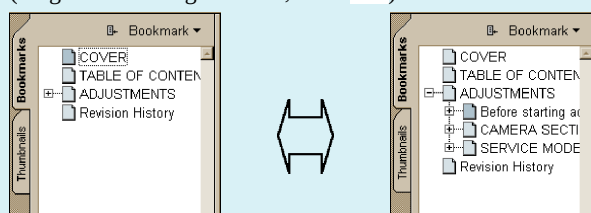
Moving with link

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.

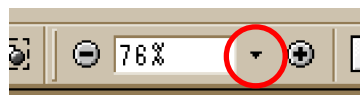
(To go back to original state, click )



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. issued
1.0	2004.04	Official Release	—	—