

DSC-T10

SERVICE MANUAL

LEVEL 3

Ver 1.1 2006.09

Revision History

**How to use
Acrobat Reader**

**Internal memory
ON BOARD**



Photo: Silver

*US Model
Canadian Model
AEP Model
UK Model
E Model
Australian Model
Hong Kong Model
Chinese Model
Korea Model
Argentine Model
Brazilian Model
Japanese Model
Tourist Model*

Link

SERVICE NOTE

PRINTED WIRING BOARDS

REPAIR PARTS LIST

SCHEMATIC DIAGRAMS

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.



DIGITAL STILL CAMERA

SONY®


CAUTION

Danger of explosion if battery is incorrectly replaced.
Replace only with the same or equivalent type.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK  OR DOTTED LINE WITH MARK  ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

**ATTENTION AU COMPOSANT AYANT RAPPORT
À LA SÉCURITÉ!**

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE  SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer.

1. Check the area of your repair for unsoldered or poorly-soldered connections. Check the entire board surface for solder splashes and bridges.
2. Check the interboard wiring to ensure that no wires are "pinched" or contact high-wattage resistors.
3. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
4. Look for parts which, through functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
5. Check the B+ voltage to see it is at the values specified.
6. FLEXIBLE Circuit Board Repairing
 - Keep the temperature of the soldering iron around 270°C during repairing.
 - Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
 - Be careful not to apply force on the conductor when soldering or unsoldering.

Unleaded solder

Boards requiring use of unleaded solder are printed with the lead-free mark (LF) indicating the solder contains no lead.

(Caution: Some printed circuit boards may not come printed with the lead free mark due to their particular size.)



: LEAD FREE MARK

Unleaded solder has the following characteristics.

- Unleaded solder melts at a temperature about 40°C higher than ordinary solder.
Ordinary soldering irons can be used but the iron tip has to be applied to the solder joint for a slightly longer time.
Soldering irons using a temperature regulator should be set to about 350°C.
Caution: The printed pattern (copper foil) may peel away if the heated tip is applied for too long, so be careful!
- Strong viscosity
Unleaded solder is more viscous (sticky, less prone to flow) than ordinary solder so use caution not to let solder bridges occur such as on IC pins, etc.
- Usable with ordinary solder
It is best to use only unleaded solder but unleaded solder may also be added to ordinary solder.

TABLE OF CONTENTS

<i>Section</i>	<i>Title</i>	<i>Page</i>
1.	SERVICE NOTE	
1-3.	Method for Copying or Erasing the Data in Internal Memory (Internal Memory/Music)	1-2
4.	PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS	
4-2.	Schematic Diagrams	4-3
4-3.	Printed Wiring Boards	4-15
4-4.	Mounted Parts Location	4-21
5.	REPAIR PARTS LIST	
5-2.	Electrical Parts List	5-6

1. SERVICE NOTE

1-3. METHOD FOR COPYING OR ERASING THE DATA IN INTERNAL MEMORY (INTERNAL MEMORY/MUSIC)

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-163 board, erase the data in internal memory of the board before replacement.

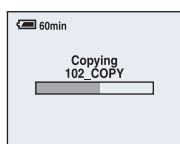
Note 2: When replacing the SY-163 board or the IC401 on the SY-163 board, execute formatting and initialize the internal memory after replacement.

Method for Copying the Data in Internal Memory

Copy



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

- ① Insert a "Memory Stick Duo" having 64 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 press ●.
Copying starts.



To cancel the copying

Select [Cancel] in step ② or ③, then press ●.

- Use a fully charged battery pack or the AC Adaptor (not supplied). If you attempt to copy image files using a battery pack with little remaining charge, the battery pack 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 Duo" after copying, then execute the [Format] command in  (Internal Memory Tool).
- You cannot select a folder copied on a "Memory Stick Duo".
- Even if you copy data, a  (Print order) mark is not copied.

Method for Formatting the Internal Memory

This item does not appear when a "Memory Stick Duo" is inserted in the camera.

Format

Formats the internal memory.

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

- 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.

To cancel the formatting

Select [Cancel] in step ① or ②, then press ●.

Method for Formatting the Music

Format Music

If you cannot play back a Music file for the Slide Show, the Music file might be corrupted. If this happens, perform [Format Music].

When [Format Music] is performed, all the Music files are erased. Use the supplied software "Music Transfer" to activate [Download Music].

- ① Select [OK] with ▲ on the control button, then press ●.
The message "All data will be erased Ready?" appears.
- ② Select [OK] with ▲, then press ●.
All the Music files are erased.

To cancel the formatting

Select [Cancel] in step ① or ②, then press ●.

4-2. SCHEMATIC DIAGRAMS

Link

<ul style="list-style-type: none">• SY-163 BOARD (1/6) (CCD SIGNAL PROCESS)	<ul style="list-style-type: none">• SY-163 BOARD (4/6) (SDRAM, SUPER AND)
<ul style="list-style-type: none">• SY-163 BOARD (2/6) (LENS DRIVE, OIS DRIVE)	<ul style="list-style-type: none">• SY-163 BOARD (5/6) (AUDIO, VIDEO)
<ul style="list-style-type: none">• SY-163 BOARD (3/6) (CAMERA DSP)	<ul style="list-style-type: none">• SY-163 BOARD (6/6) (DC/DC CONVERTER)

<ul style="list-style-type: none">• COMMON NOTE FOR SCHEMATIC DIAGRAMS
--

4. PRINTED WIRING BOARDS AND 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. $\text{pF} : \mu\text{F} : 50 \text{ V}$ or less are not indicated except for electrolytics and tantalums.
- Chip resistors are $1/10 \text{ W}$ 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.
- : not use circuit

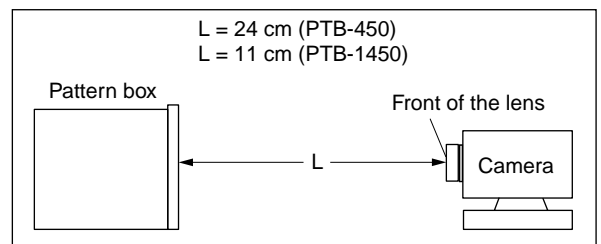
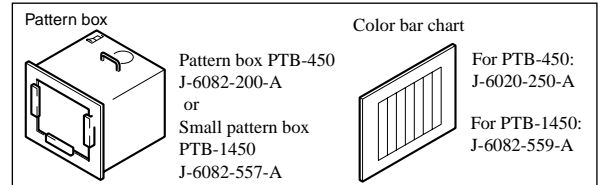
(Measuring conditions voltage and waveform)

- 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.)

Precautions for Replacement of Imager

- If the imager has been replaced, carry out all the adjustments for the camera section.
- As the imager may be damaged by static electricity from its structure, handle it carefully like for the MOS IC.
In addition, ensure that the receiver is not covered with dusts nor exposed to strong light.

1. Connection



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

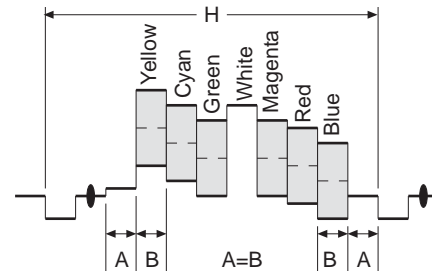


Fig. a (Video output terminal output waveform)

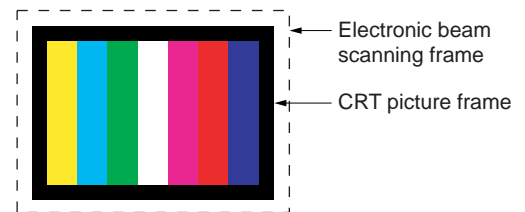
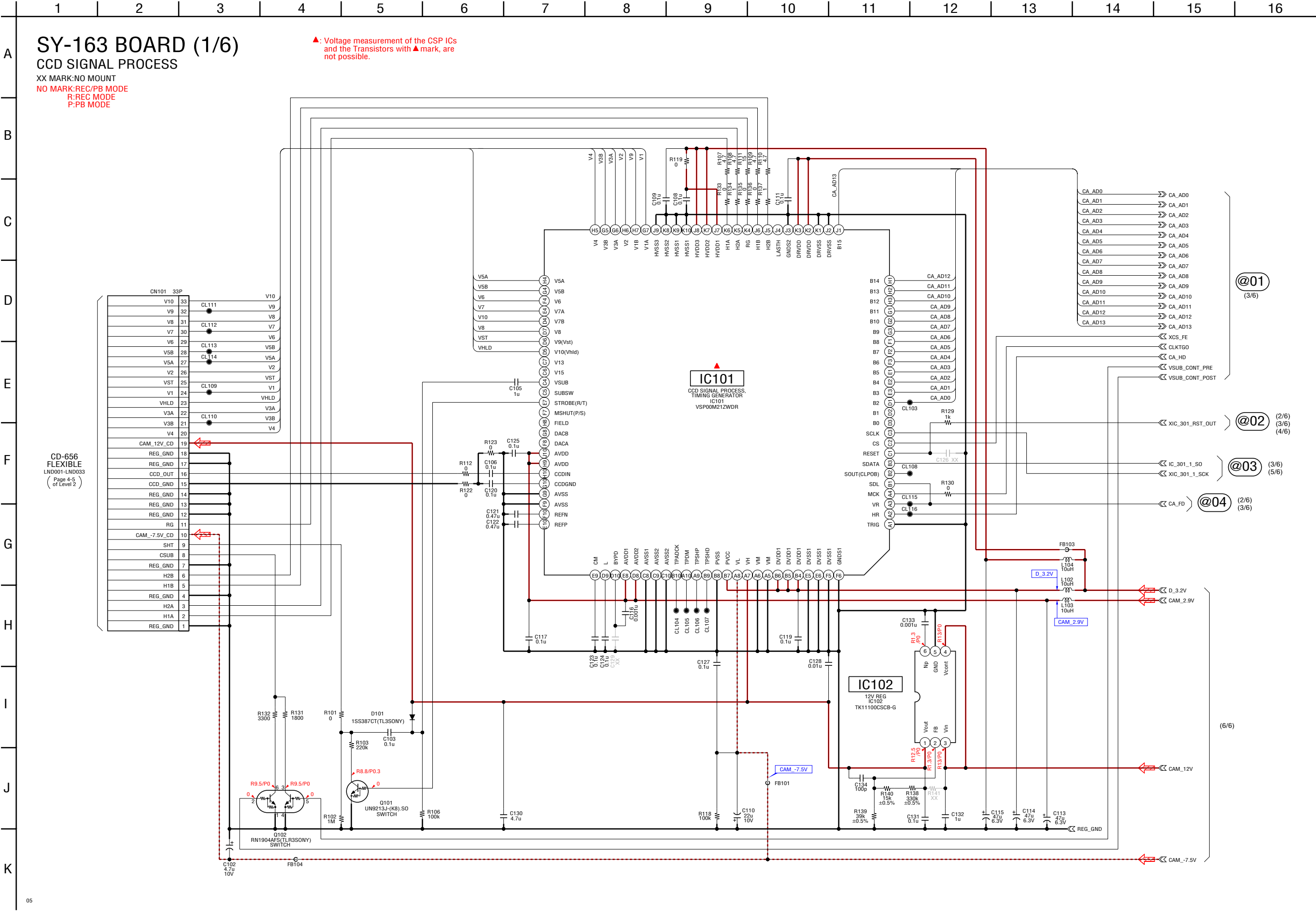


Fig.b (Picture on monitor TV)

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

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.



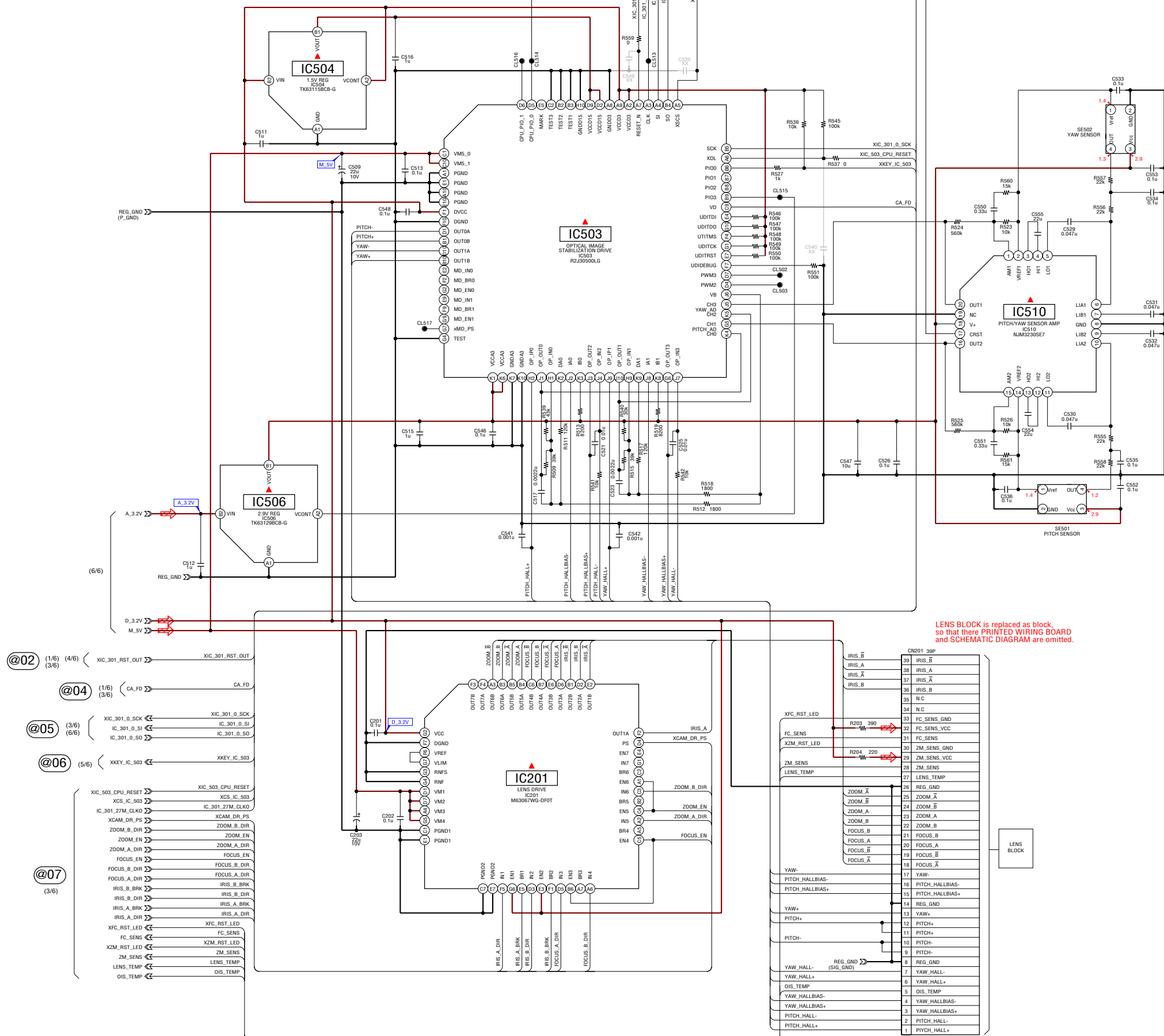
SY-163 BOARD (2/6)

LENS DRIVE, OIS DRIVE

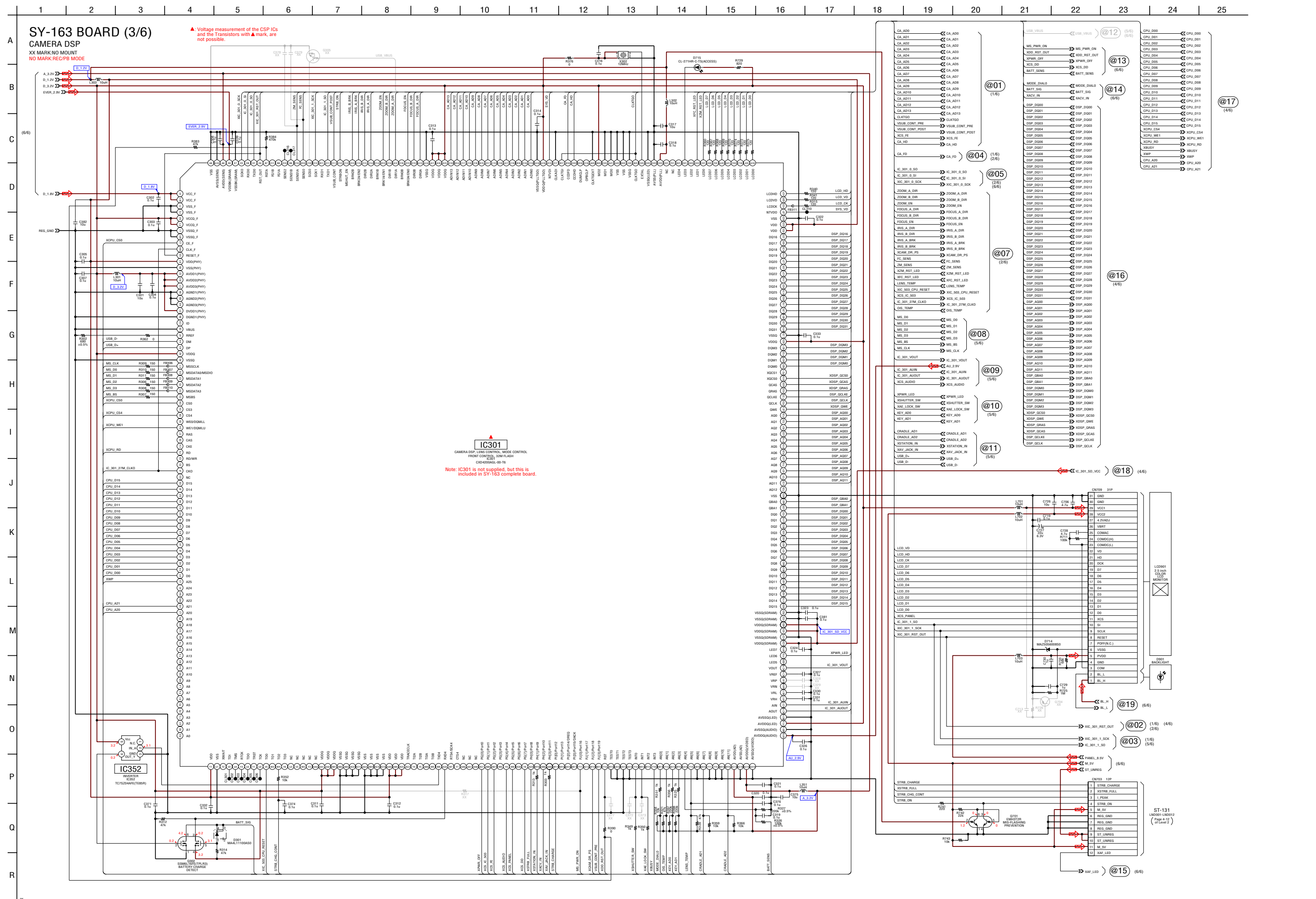
XX MARK:NO MOUNT

NO MARK:REC/PB MODE

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



LENS BLOCK is replaced as block, so that there PRINTED WIRING BOARD and SCHEMATIC DIAGRAM are omitted.



②② (1/6) < XIC_301_RST_OUT >> XIC_301_RST_OUT
(2/6)
(3/6)

(3/6)

@16
(3/6)

①18 (3/6) IC_301_SD_VCC

(6/6)

D_3.2V

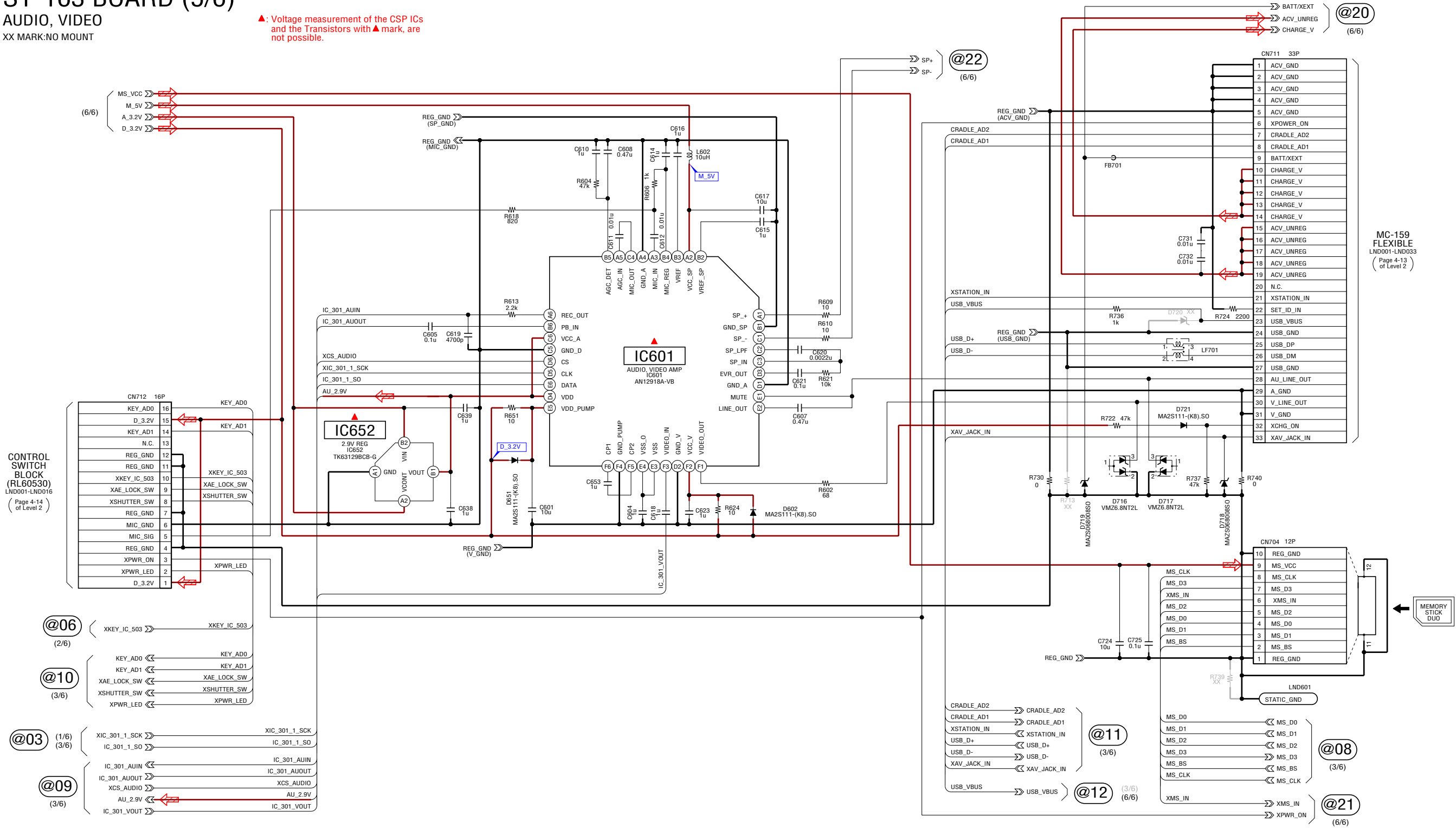
IC401
256M SDRAM,
64M SUPER AND
IC401
M6MGK4Z7B2ZFWG

A
B
C
D
E
F
G
H
I
J

SY-163 BOARD (5/6)

AUDIO, VIDEO
XX MARK:NO MOUNT

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



XX MARK:NO MOUNT
NO MARK:REC/PB MODE
R:REC MODE
P:PB MODE

4-3. PRINTED WIRING BOARDS

Link

• SY-163 BOARD (SIDE A)

• SY-163 BOARD (SIDE B)







• COMMON NOTE FOR PRINTED WIRING BOARDS

• MOUNTED PARTS LOCATION

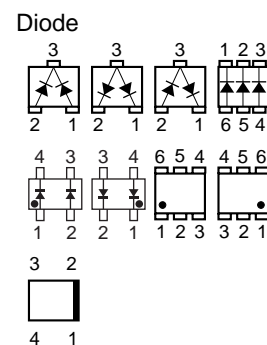
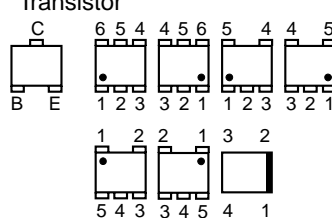
4-3. PRINTED WIRING BOARDS

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.
- There are a few cases that the part printed on diagram isn't mounted in this model.
-  : panel designation

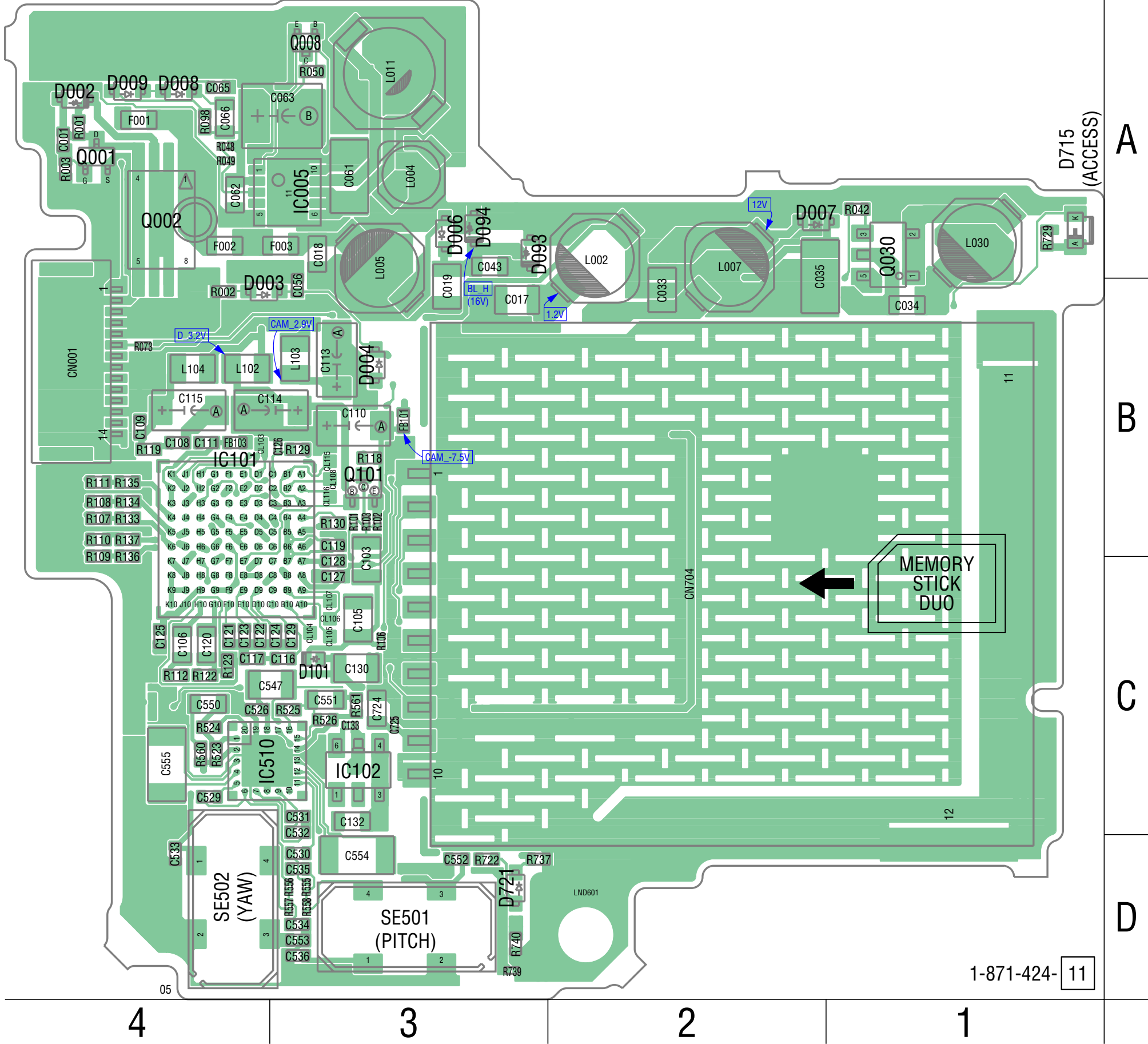
- Chip parts.



Note: IC301 is not supplied,
but this is included in SY-163 complete board.

1-871-424- 11

SY-163 BOARD (SIDE B)



4-3. PRINTED WIRING BOARDS

4-4. MOUNTED PARTS LOCATION

no mark : side A

* mark : side B

SY-163 BOARD

* C001	A-4	C319	B-2	C729	D-3	L702	C-3	R351	B-3	X001	B-3
C002	B-3	C320	B-3	C730	D-3	L703	C-3	R352	B-3	X302	C-2
C003	B-3	C321	B-3	C731	C-1			R356	B-3		
C004	A-2	C322	C-2	C732	C-1	LF701	C-2	R358	B-3		
C005	B-2	C323	B-2					R359	B-2		
C007	A-2	C324	B-2	* CN001	B-4	* Q001	A-4	R360	C-2		
C008	A-2	C326	B-2	CN101	C-4	* Q002	A-4	R362	C-3		
C009	A-2	C327	B-2	CN201	B-4	* Q008	A-3	R366	B-2		
C010	A-2	C330	B-2	CN703	A-3	* Q030	A-1	R367	C-2		
C011	A-3	C331	B-2	* CN704	C-2	* Q101	B-3	R368	C-2		
C012	A-3	C332	C-3	CN709	D-3	Q102	C-3	R369	C-2		
C013	A-3	C333	C-2	CN711	C-1	Q302	C-3	R370	C-2		
C014	B-3	C371	C-3	CN712	A-1	Q701	A-4	R372	C-2		
C015	A-3	C374	B-3					R374	C-2		
C016	B-3	C375	B-3	* D002	A-4	* R001	A-4	R375	C-2		
* C017	B-3	C376	B-3	* D003	B-4	* R002	B-4	R376	C-2		
* C018	A-3	C381	C-2	* D004	B-3	* R003	A-4	R383	C-3		
* C019	B-3	C382	B-2	D005	A-2	R004	B-3	R384	C-3		
C021	A-3	C401	B-2	* D006	A-3	R005	B-2	R390	B-3		
C024	A-3	C402	B-1	* D007	A-2	R006	B-3	R397	B-3		
C027	A-3	C404	B-1	* D008	A-4	R007	B-3	R398	B-3		
C028	A-3	C405	B-1	* D009	A-4	R009	B-3	R401	B-2		
C031	B-2	C406	B-1	* D093	A-3	R010	A-2	R509	B-4		
* C033	B-2	C407	B-2	* D094	A-3	R014	B-3	R511	B-4		
* C034	B-1	C408	B-1	* D101	C-3	R018	A-3	R512	B-4		
* C035	A-2	C409	B-2	D301	C-3	R030	B-3	R513	B-4		
C036	B-2	C410	B-1	D602	C-1	R031	B-2	R515	B-3		
C041	B-3	C509	C-4	D651	C-1	R036	B-2	R517	B-3		
* C043	A-3	C511	B-4	D714	D-3	* R042	A-1	R518	B-3		
* C056	B-3	C512	A-4	* D715	A-1	* R050	A-3	R519	B-3		
C057	A-2	C513	B-4	D716	C-1	* R073	B-4	* R523	C-4		
* C061	A-3	C515	B-4	D717	B-1	R077	B-2	* R524	C-4		
* C062	A-4	C516	C-4	D718	C-1	R078	A-2	* R525	C-3		
* C063	A-3	C517	B-4	D719	C-1	* R098	A-4	* R526	C-3		
* C065	A-4	C521	B-4	* D721	D-3	R099	B-2	R527	B-3		
* C066	A-4	C523	B-3			* R101	B-3	R536	B-3		
C067	B-2	C525	B-4	* F001	A-4	* R102	B-3	R537	B-4		
C068	A-2	* C526	C-4	* F002	A-4	* R103	B-3	R539	B-3		
C070	A-2	* C529	C-4	* F003	A-3	* R106	C-3	R540	B-3		
C102	C-3	* C530	D-3			* R107	B-4	R541	B-4		
* C103	C-3	* C531	C-3	* FB101	B-3	* R108	B-4	R542	B-4		
* C105	C-3	* C532	C-3	* FB103	B-4	* R109	B-4	R545	B-4		
* C106	C-4	* C533	D-4	FB104	C-3	* R110	B-4	R546	B-4		
* C108	B-4	* C534	D-3	FB306	C-3	* R111	B-4	R547	B-3		
* C109	B-4	* C535	D-3	FB307	C-3	* R112	C-4	R548	B-4		
* C110	B-3	* C536	D-3	FB308	C-3	* R118	B-3	R549	B-4		
* C111	B-4	C541	B-4	FB309	C-3	* R119	B-4	R550	B-3		
* C113	B-3	C542	B-4	FB310	C-3	* R122	C-4	R551	B-3		
* C114	B-3	C546	B-4	FB311	C-2	* R123	C-4	* R555	D-3		
* C115	B-4	* C547	C-3	FB701	C-1	* R129	B-3	* R556	D-3		
* C116	C-3	C548	B-4			* R130	B-3	* R557	D-3		
* C117	C-4	* C550	C-4	IC001	B-3	R131	C-4	* R558	D-3		
* C119	B-3	* C551	C-3	* IC005	A-3	R132	C-4	R559	B-3		
* C120	C-4	* C552	D-3	IC006	B-2	* R133	B-4	* R560	C-4		
* C121	C-4	* C553	D-3	* IC101	B-4	* R134	B-4	* R561	C-3		
* C122	C-4	* C554	D-3	* IC102	C-3	* R135	B-4	R602	C-1		
* C123	C-4	* C555	C-4	IC201	A-4	* R136	B-4	R604	C-1		
* C124	C-3	C601	C-1	IC301	C-3	* R137	B-4	R606	C-2		
* C125	C-4	C604	C-1	IC352	C-3	R138	C-3	R609	B-1		
* C127	C-3	C605	C-1	IC401	B-1	R139	C-3	R610	B-1		
* C128	C-3	C607	C-1	IC503	B-4	R140	C-3	R613	C-1		
* C130	C-3	C608	C-1	IC504	B-4	R203	A-4	R618	C-2		
C131	C-3	C610	C-1	IC506	B-4	R204	A-4	R621	B-1		
* C132	C-3	C611	C-2	* IC510	C-4	R302	C-3	R624	C-1		
* C133	C-3	C612	C-2	IC601	C-1	R303	B-3	R651	C-1		
C134	C-3	C614	C-2	IC652	C-1	R306	C-3	R711	D-4		
C201	A-4	C615	C-2			R307	C-3	* R722	D-3		
C202	A-4	C616	C-2	* L002	A-2	R308	C-3	R724	C-2		
C203	A-4	C617	C-2	L003	A-3	R309	C-3	R725	D-3		
C301	C-3	C618	C-1	* L004	A-3	R310	C-3	* R729	A-1		
C302	B-3	C619	C-2	* L005	A-3	R311	C-3	R730	C-1		
C303	C-3	C620	C-1	* L007	A-2	R312	C-3	R733	D-3		
C304	C-3	C621	B-1	L009	A-3	R313	B-3	R736	C-1		
C305	C-3	C623	C-1	* L011	A-3	R314	C-3	* R737	D-3		
C307	C-3	C638	C-1	* L030	A-1	R315	C-2	* R740	D-3		
C308	C-3	C639	C-1	* L102	B-4	R321	B-3	R741	A-4		
C309	C-3	C653	C-1	* L103	B-3	R325	B-3	R742	A-4		
C311	B-3	C706	D-4	* L104	B-4	R326	B-2	R743	A-4		
C312	B-3	C719	D-3	L301	C-3	R327	B-2				
C313	C-3	* C724	C-3	L302	C-2	R328	B-3	S001	C-2		
C314	C-2	* C725	C-3	L303	B-2	R340	D-2				
C316	C-2	C726	D-3	L351	B-3	R341	D-3	* SE501	D-3		
C317	C-2	C727	D-3	L602	C-2	R349	B-3	* SE502	D-4		
C318	C-2	C728	D-4	L701	D-4	R350	B-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: 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..., μ PC..., μ PC...,
uPD..., μ PD...
- Abbreviation
AR : Argentine model
AUS : Australian model
BR : Brazilian model
CH : Chinese model
CND : Canadian model
EE : East European model
HK : Hong Kong model
J : Japanese model
JE : Tourist model
KR : Korea model
NE : North European model
TW : Taiwan 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.

• Language that can be selected (SY-163 board)

	Area	Japanese	English	French	German	Spanish	Italian	Portugal	Simplified Chinese	Traditional Chinese	Arabic	Dutch	Russian	Swedish	Korean	Norwegian	Danish	Finnish	Polish	Hungarian	Czech	Persian	Thai
GP1	J	●																					
GP2	US CND AUS Vietnam		●	●		●	●		●	●													
GP3	AEP UK		●	●	●	●	●	●				●	●	●		●	●	●	●	●	●		
GP4	E AR BR TW JE HK CH KR		●			●		●	●	●	●				●							●	●

5-2. ELECTRICAL PARTS LIST

Ref. No.	Part No.	Description
	A-1202-375-A	SY-163 BOARD, COMPLETE (SERVICE) (GP1)
	A-1202-376-A	SY-163 BOARD, COMPLETE (SERVICE) (GP2)
	A-1202-377-A	SY-163 BOARD, COMPLETE (SERVICE) (GP3)
	A-1202-378-A	SY-163 BOARD, COMPLETE (SERVICE) (GP4)

(Refer to the table of page 5-1 about language of SY-163 board.)

(IC301 is not supplied, but this is included in SY-163 complete board.)

< CAPACITOR >

C001	1-100-506-91	CERAMIC CHIP	1uF	20%	6.3V
C002	1-128-604-91	CERAMIC CHIP	10PF	0.5PF	25V
C003	1-128-605-11	CERAMIC CHIP	12PF	5%	25V
C004	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C005	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C007	1-115-467-61	CERAMIC CHIP	0.22uF	10%	10V
C008	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V
C009	1-115-467-61	CERAMIC CHIP	0.22uF	10%	10V
C010	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C011	1-100-611-91	CERAMIC CHIP	22uF	20%	6.3V
C012	1-100-611-91	CERAMIC CHIP	22uF	20%	6.3V
C013	1-100-611-91	CERAMIC CHIP	22uF	20%	6.3V
C014	1-100-506-91	CERAMIC CHIP	1uF	20%	6.3V
C015	1-100-611-91	CERAMIC CHIP	22uF	20%	6.3V
C016	1-164-933-11	CERAMIC CHIP	220PF	10%	50V
C017	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C018	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C019	1-100-591-91	CERAMIC CHIP	1uF	10%	25V
C021	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C024	1-100-611-91	CERAMIC CHIP	22uF	20%	6.3V
C027	1-100-611-91	CERAMIC CHIP	22uF	20%	6.3V
C028	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C031	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C033	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V
C034	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C035	1-127-820-11	CERAMIC CHIP	4.7uF	10%	16V
C036	1-100-966-91	CERAMIC CHIP	10uF	20%	10V
C041	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C043	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C056	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C057	1-107-819-11	CERAMIC CHIP	0.022uF	10%	16V
C061	1-100-159-91	CERAMIC CHIP	22uF	10%	6.3V
C062	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V
* C063	1-112-662-91	TANTAL. CHIP	47uF	20%	10V
C065	1-100-506-91	CERAMIC CHIP	1uF	20%	6.3V
C066	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V
C067	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C068	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C070	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V
C102	1-131-860-11	TANTAL. CHIP	4.7uF	20%	10V
C103	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
C105	1-100-591-91	CERAMIC CHIP	1uF	10%	25V
C106	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C108	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C109	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C110	1-165-897-11	TANTAL. CHIP	22uF	20%	10V
C111	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C113	1-100-539-91	TANTAL. CHIP	47uF	20%	6.3V

Ref. No.	Part No.	Description			
C114	1-100-539-91	TANTAL. CHIP	47uF	20%	6.3V
C115	1-100-539-91	TANTAL. CHIP	47uF	20%	6.3V
C116	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V
C117	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C119	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C120	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C121	1-100-415-11	CERAMIC CHIP	0.47uF	10%	6.3V
C122	1-100-415-11	CERAMIC CHIP	0.47uF	10%	6.3V
C123	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C124	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C125	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C127	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C128	1-100-567-81	CERAMIC CHIP	10000PF	10%	25V
C130	1-100-670-11	CERAMIC CHIP	4.7uF	20%	16V
C131	1-100-505-91	CERAMIC CHIP	0.1uF	20%	16V
C132	1-100-352-91	CERAMIC CHIP	1uF	20%	16V
C133	1-128-627-91	CERAMIC CHIP	0.001uF	10%	16V
C134	1-128-622-91	CERAMIC CHIP	100PF	10%	16V
C201	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C202	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C203	1-100-663-11	TANTAL. CHIP	22uF	20%	10V
C301	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C302	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C303	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C304	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C305	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C307	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C308	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C309	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C311	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C312	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C313	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C314	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C316	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C317	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C318	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C319	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C320	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C321	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C322	1-112-716-11	CERAMIC CHIP	0.1uF	10%	6.3V
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	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C327	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C330	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C331	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C332	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C333	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C371	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C374	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C375	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C376	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C381	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C382	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V
C401	1-112-716-11	CERAMIC CHIP	0.1uF	10%	6.3V
C402	1-112-716-11	CERAMIC CHIP	0.1uF	10%	6.3V

Ref. No.	Part No.	Description				Ref. No.	Part No.	Description			
C404	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V	C706	1-100-507-91	CERAMIC CHIP	4.7uF	20%	6.3V
C405	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V	C719	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V
C406	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V	C724	1-100-735-91	CERAMIC CHIP	10uF	20%	4V
C407	1-100-786-91	TANTAL. CHIP	22uF	20%	6.3V	C725	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V
C408	1-100-504-91	CERAMIC CHIP	0.1uF	20%	6.3V	C726	1-100-966-91	CERAMIC CHIP	10uF	20%	10V
C409	1-112-716-11	CERAMIC CHIP	0.1uF	10%	6.3V	C727	1-100-786-91	TANTAL. CHIP	22uF	20%	6.3V
C410	1-112-716-11	CERAMIC CHIP	0.1uF	10%	6.3V	C728	1-100-507-91	CERAMIC CHIP	4.7uF	20%	6.3V
C509	1-165-897-11	TANTAL. CHIP	22uF	20%	10V	C729	1-100-352-91	CERAMIC CHIP	1uF	20%	16V
C511	1-100-506-91	CERAMIC CHIP	1uF	20%	6.3V	C730	1-100-352-91	CERAMIC CHIP	1uF	20%	16V
C512	1-100-506-91	CERAMIC CHIP	1uF	20%	6.3V	C731	1-128-632-91	CERAMIC CHIP	0.01uF	10%	6.3V
C513	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	C732	1-128-632-91	CERAMIC CHIP	0.01uF	10%	6.3V
C515	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	< CONNECTOR >					
C516	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	* CN001	1-816-645-51	FFC/FPC CONNECTOR (LIF) 14P			
C517	1-164-939-11	CERAMIC CHIP	0.0022uF	10%	50V	* CN101	1-817-564-51	CONNECTOR, FPC (ZIF) 33P			
C521	1-100-567-81	CERAMIC CHIP	10000PF	10%	25V	* CN201	1-817-942-51	CONNECTOR, FPC (ZIF) 39P			
C523	1-164-939-11	CERAMIC CHIP	0.0022uF	10%	50V	* CN703	1-816-644-51	FFC/FPC CONNECTOR (LIF) 12P			
C525	1-100-567-81	CERAMIC CHIP	10000PF	10%	25V	CN704	1-819-990-21	MEMORY STICK DUO CONNECTOR			
C526	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	* CN709	1-817-391-51	CONNECTOR, FPC (ZIF) 31P			
C529	1-119-923-11	CERAMIC CHIP	0.047uF	10%	10V	* CN711	1-817-830-51	CONNECTOR, FPC (ZIF) 33P			
C530	1-119-923-11	CERAMIC CHIP	0.047uF	10%	10V	* CN712	1-816-646-51	FFC/FPC CONNECTOR (LIF) 16P			
C531	1-119-923-11	CERAMIC CHIP	0.047uF	10%	10V	< DIODE >					
C532	1-119-923-11	CERAMIC CHIP	0.047uF	10%	10V	D002	8-719-056-59	DIODE MAZS120008SO			
C533	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	D003	6-500-813-01	DIODE MA2SD32008SO			
C534	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	D004	6-500-813-01	DIODE MA2SD32008SO			
C535	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	D005	6-500-813-01	DIODE MA2SD32008SO			
C536	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	D006	6-500-813-01	DIODE MA2SD32008SO			
C541	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V	D007	6-500-813-01	DIODE MA2SD32008SO			
C542	1-164-937-11	CERAMIC CHIP	0.001uF	10%	50V	D008	6-500-813-01	DIODE MA2SD32008SO			
C546	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	D009	6-500-813-01	DIODE MA2SD32008SO			
C547	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V	D093	8-719-056-54	DIODE MAZS068008SO			
C548	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	D094	6-500-345-01	DIODE MAZS220008SO			
C550	1-128-934-61	CERAMIC CHIP	0.33uF	10%	10V	D101	6-501-106-01	DIODE 1SS387CT (TL3SONY)			
C551	1-128-934-61	CERAMIC CHIP	0.33uF	10%	10V	D301	8-719-077-54	DIODE MA4L11100ASO			
C552	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	D602	8-719-056-23	DIODE MA2S111-(K8).SO			
C553	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	D651	8-719-056-23	DIODE MA2S111-(K8).SO			
C554	1-100-159-91	CERAMIC CHIP	22uF	10%	6.3V	D714	6-500-941-01	DIODE MAZS056008SO			
C555	1-100-159-91	CERAMIC CHIP	22uF	10%	6.3V	D715	6-501-216-01	DIODE CL-271HR-C-TS (ACCESS)			
C601	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V	D716	6-500-776-01	DIODE MAZW068H0LSO			
C604	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	D717	6-500-776-01	DIODE MAZW068H0LSO			
C605	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	D718	8-719-056-54	DIODE MAZS068008SO			
C607	1-100-415-11	CERAMIC CHIP	0.47uF	10%	6.3V	D719	8-719-056-54	DIODE MAZS068008SO			
C608	1-100-415-11	CERAMIC CHIP	0.47uF	10%	6.3V	D721	8-719-056-23	DIODE MA2S111-(K8).SO			
C610	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	< FUSE >					
C611	1-100-567-81	CERAMIC CHIP	10000PF	10%	25V	△ F001	1-576-415-21	FUSE (2A/32V)			
C612	1-100-567-81	CERAMIC CHIP	10000PF	10%	25V	△ F002	1-576-415-21	FUSE (2A/32V)			
C614	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	△ F003	1-576-842-21	FUSE, MICRO (1608) (0.63A/32V)			
C615	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	< FERRITE BEAD >					
C616	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	FB101	1-400-331-11	FERRITE, EMI (SMD) (1005)			
C617	1-165-989-11	CERAMIC CHIP	10uF	10%	6.3V	FB103	1-400-331-11	FERRITE, EMI (SMD) (1005)			
C618	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	FB104	1-400-331-11	FERRITE, EMI (SMD) (1005)			
C619	1-100-581-81	CERAMIC CHIP	4700PF	10%	50V	FB306	1-469-581-21	INDUCTOR, FERRITE BEAD (1005)			
C620	1-128-628-91	CERAMIC CHIP	0.0022uF	10%	6.3V	FB307	1-469-581-21	INDUCTOR, FERRITE BEAD (1005)			
C621	1-125-777-11	CERAMIC CHIP	0.1uF	10%	10V	FB308	1-469-581-21	INDUCTOR, FERRITE BEAD (1005)			
C623	1-165-908-11	CERAMIC CHIP	1uF	10%	10V						
C638	1-165-908-11	CERAMIC CHIP	1uF	10%	10V						
C639	1-165-908-11	CERAMIC CHIP	1uF	10%	10V						
C653	1-165-908-11	CERAMIC CHIP	1uF	10%	10V						

• Refer to page 5-1 for mark △.

SY-163

Ref. No.	Part No.	Description			
FB309	1-469-581-21	INDUCTOR, FERRITE BEAD (1005)			
FB310	1-469-581-21	INDUCTOR, FERRITE BEAD (1005)			
FB311	1-469-580-11	INDUCTOR, FERRITE BEAD (1005)			
FB701	1-469-179-21	INDUCTOR, FERRITE BEAD			
< IC >					
* IC001	6-709-120-01	IC SC901571VOR2			
* IC005	6-709-726-01	IC SN0510064DRCR			
* IC006	6-709-332-01	IC TK70685HCL-G			
* IC101	6-709-616-01	IC VSP00M21ZWDR			
IC102	6-707-208-01	IC TK11100CSCB-G			
IC201	6-708-033-01	IC M63067WG-DF0T			
IC301	(Not supplied)	IC CXD4200AGL-00-T6			
IC352	8-759-698-30	IC TC7SZ04AFE (TE85R)			
IC401	6-708-596-01	IC M6MGK4Z7B2ZFWG			
* IC503	6-709-026-01	IC R2J30500LG			
* IC504	6-709-643-01	IC TK63115BCB-G			
* IC506	6-709-644-01	IC TK63129BCB-G			
IC510	6-707-333-01	IC NJM3230SE7			
* IC601	6-709-313-01	IC AN12918A-VB			
* IC652	6-709-644-01	IC TK63129BCB-G			
< COIL >					
L002	1-456-500-11	INDUCTOR	10uH		
L003	1-400-676-11	INDUCTOR	22uH		
L004	1-457-066-21	INDUCTOR	4.7uH		
L005	1-456-499-11	INDUCTOR	4.7uH		
L007	1-456-500-11	INDUCTOR	10uH		
* L009	1-400-673-21	INDUCTOR	2.2uH		
L011	1-400-099-21	INDUCTOR	4.7uH		
L030	1-456-499-11	INDUCTOR	4.7uH		
L102	1-400-588-11	INDUCTOR	10uH		
L103	1-400-588-11	INDUCTOR	10uH		
L104	1-400-588-11	INDUCTOR	10uH		
L301	1-400-588-11	INDUCTOR	10uH		
L302	1-400-137-11	INDUCTOR	10uH		
L303	1-400-588-11	INDUCTOR	10uH		
L351	1-400-137-11	INDUCTOR	10uH		
L602	1-400-675-11	INDUCTOR	10uH		
L701	1-400-137-11	INDUCTOR	10uH		
L702	1-400-137-11	INDUCTOR	10uH		
L703	1-400-137-11	INDUCTOR	10uH		
< LINE FILTER >					
LF701	1-456-583-11	COMMON MODE CHOKE COIL			
< TRANSISTOR >					
Q001	8-729-047-68	TRANSISTOR	SSM3K03FE (TPL3)		
Q002	6-550-844-01	TRANSISTOR	FDW2508P/GNL		
Q008	6-550-239-01	TRANSISTOR	DTA144EMT2L		
Q030	8-729-053-76	TRANSISTOR	CPH5802-TL-E-S		
Q101	8-729-037-74	TRANSISTOR	UN9213J-(TX).SO		
* Q102	6-551-207-01	TRANSISTOR	RN1904AFS (TLR3SONY)		
Q302	6-551-345-01	TRANSISTOR	SSM6L16FE (TPLR3)		
Q701	8-729-054-52	TRANSISTOR	UP04216008S0		
< RESISTOR >					
R001	1-218-985-11	RES-CHIP	470K	5%	1/16W

Ref. No.	Part No.	Description				
R002	1-218-985-11	RES-CHIP	470K	5%	1/16W	
R003	1-218-989-11	RES-CHIP	1M	5%	1/16W	
R004	1-240-724-91	METAL CHIP	330K	5%	1/20W	
R005	1-240-695-91	METAL CHIP	1K	5%	1/20W	
R006	1-240-695-91	METAL CHIP	1K	5%	1/20W	
R007	1-245-604-11	METAL CHIP	10M	5%	1/16W	
R009	1-240-703-91	METAL CHIP	4.7K	5%	1/20W	
R010	1-240-691-91	METAL CHIP	470	5%	1/20W	
R014	1-208-635-11	METAL CHIP	10	0.5%	1/16W	
R018	1-240-830-11	METAL CHIP	100K	0.5%	1/20W	
R030	1-240-695-91	METAL CHIP	1K	5%	1/20W	
R031	1-208-911-11	METAL CHIP	10K	0.5%	1/16W	
R036	1-208-927-11	METAL CHIP	47K	0.5%	1/16W	
R042	1-218-929-11	RES-CHIP	10	5%	1/16W	
R050	1-218-985-11	RES-CHIP	470K	5%	1/16W	
R073	1-240-678-91	METAL CHIP	33	5%	1/20W	
R077	1-218-965-11	RES-CHIP	10K	5%	1/16W	
R078	1-218-989-11	RES-CHIP	1M	5%	1/16W	
R098	1-218-929-11	RES-CHIP	10	5%	1/16W	
R099	1-218-977-11	RES-CHIP	100K	5%	1/16W	
R101	1-694-535-91	SHORT CHIP	0			
R102	1-240-729-91	METAL CHIP	1M	5%	1/20W	
R103	1-240-722-91	METAL CHIP	220K	5%	1/20W	
R106	1-240-718-91	METAL CHIP	100K	5%	1/20W	
R107	1-220-803-81	RES-CHIP	4.7	5%	1/16W	
R108	1-220-803-81	RES-CHIP	4.7	5%	1/16W	
R109	1-220-803-81	RES-CHIP	4.7	5%	1/16W	
R110	1-220-803-81	RES-CHIP	4.7	5%	1/16W	
R111	1-218-931-11	RES-CHIP	15	5%	1/16W	
R112	1-218-990-81	SHORT CHIP	0			
R118	1-218-977-11	RES-CHIP	100K	5%	1/16W	
R119	1-218-990-81	SHORT CHIP	0			
R122	1-218-990-81	SHORT CHIP	0			
R123	1-218-990-81	SHORT CHIP	0			
R129	1-218-953-11	RES-CHIP	1K	5%	1/16W	
R130	1-218-990-81	SHORT CHIP	0			
R131	1-240-698-91	METAL CHIP	1.8K	5%	1/20W	
R132	1-240-701-91	METAL CHIP	3.3K	5%	1/20W	
R133	1-218-990-81	SHORT CHIP	0			
R134	1-242-967-81	RES-CHIP	1	5%	1/16W	
R135	1-218-990-81	SHORT CHIP	0			
R136	1-218-990-81	SHORT CHIP	0			
R137	1-242-967-81	RES-CHIP	1	5%	1/16W	
R138	1-245-673-11	METAL CHIP	330K	0.5%	1/20W	
R139	1-208-721-11	METAL CHIP	39K	0.5%	1/16W	
R140	1-240-812-11	METAL CHIP	15K	0.5%	1/20W	
R203	1-240-690-11	METAL CHIP	390	5%	1/20W	
R204	1-218-945-11	RES-CHIP	220	5%	1/16W	
R302	1-240-780-11	METAL CHIP	680	0.5%	1/20W	
R303	1-240-695-91	METAL CHIP	1K	5%	1/20W	
R306	1-240-685-91	METAL CHIP	150	5%	1/20W	
R307	1-240-685-91	METAL CHIP	150	5%	1/20W	
R308	1-240-685-91	METAL CHIP	150	5%	1/20W	
R309	1-240-685-91	METAL CHIP	150	5%	1/20W	
R310	1-240-685-91	METAL CHIP	150	5%	1/20W	
R311	1-240-685-91	METAL CHIP	150	5%	1/20W	
R312	1-218-973-11	RES-CHIP	47K	5%	1/16W	
R313	1-240-695-91	METAL CHIP	1K	5%	1/20W	

Ref. No.	Part No.	Description				Ref. No.	Part No.	Description			
R314	1-218-973-11	RES-CHIP	47K	5%	1/16W	R550	1-240-718-91	METAL CHIP	100K	5%	1/20W
R315	1-218-942-11	RES-CHIP	120	5%	1/16W	R551	1-218-977-11	RES-CHIP	100K	5%	1/16W
R321	1-218-973-11	RES-CHIP	47K	5%	1/16W	R555	1-240-711-91	METAL CHIP	22K	5%	1/20W
R325	1-240-695-91	METAL CHIP	1K	5%	1/20W	R556	1-240-711-91	METAL CHIP	22K	5%	1/20W
R326	1-240-830-11	METAL CHIP	100K	0.5%	1/20W	R557	1-240-711-91	METAL CHIP	22K	5%	1/20W
R327	1-208-943-11	METAL CHIP	220K	0.5%	1/16W	R558	1-240-711-91	METAL CHIP	22K	5%	1/20W
R328	1-218-973-11	RES-CHIP	47K	5%	1/16W	R559	1-218-990-81	SHORT CHIP	0		
R340	1-218-942-11	RES-CHIP	120	5%	1/16W	R560	1-218-967-11	RES-CHIP	15K	5%	1/16W
R341	1-218-942-11	RES-CHIP	120	5%	1/16W	R561	1-218-967-11	RES-CHIP	15K	5%	1/16W
R349	1-240-695-91	METAL CHIP	1K	5%	1/20W	R602	1-218-939-11	RES-CHIP	68	5%	1/16W
R350	1-240-695-91	METAL CHIP	1K	5%	1/20W	R604	1-218-973-11	RES-CHIP	47K	5%	1/16W
R351	1-240-695-91	METAL CHIP	1K	5%	1/20W	R606	1-218-953-11	RES-CHIP	1K	5%	1/16W
R352	1-218-965-11	RES-CHIP	10K	5%	1/16W	R609	1-240-672-11	METAL CHIP	10	5%	1/20W
R356	1-240-695-91	METAL CHIP	1K	5%	1/20W	R610	1-240-672-11	METAL CHIP	10	5%	1/20W
R358	1-218-965-11	RES-CHIP	10K	5%	1/16W	R613	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R359	1-218-965-11	RES-CHIP	10K	5%	1/16W	R618	1-240-694-91	METAL CHIP	820	5%	1/20W
R360	1-240-684-91	METAL CHIP	120	5%	1/20W	R621	1-218-965-11	RES-CHIP	10K	5%	1/16W
R362	1-694-535-91	SHORT CHIP	0			R624	1-218-929-11	RES-CHIP	10	5%	1/16W
R366	1-218-965-11	RES-CHIP	10K	5%	1/16W	R651	1-218-929-11	RES-CHIP	10	5%	1/16W
R367	1-240-684-91	METAL CHIP	120	5%	1/20W	R711	1-240-718-91	METAL CHIP	100K	5%	1/20W
R368	1-240-684-91	METAL CHIP	120	5%	1/20W	R722	1-218-973-11	RES-CHIP	47K	5%	1/16W
R369	1-240-684-91	METAL CHIP	120	5%	1/20W	R724	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R370	1-240-684-91	METAL CHIP	120	5%	1/20W	R725	1-240-729-91	METAL CHIP	1M	5%	1/20W
R372	1-240-684-91	METAL CHIP	120	5%	1/20W	R729	1-218-952-11	RES-CHIP	820	5%	1/16W
R374	1-240-684-91	METAL CHIP	120	5%	1/20W	R730	1-218-990-81	SHORT CHIP	0		
R375	1-240-684-91	METAL CHIP	120	5%	1/20W	R733	1-218-975-11	RES-CHIP	68K	5%	1/16W
R376	1-694-535-91	SHORT CHIP	0			R736	1-218-953-11	RES-CHIP	1K	5%	1/16W
R383	1-218-973-11	RES-CHIP	47K	5%	1/16W	R737	1-218-973-11	RES-CHIP	47K	5%	1/16W
R384	1-218-985-11	RES-CHIP	470K	5%	1/16W	R740	1-218-990-81	SHORT CHIP	0		
R390	1-694-535-91	SHORT CHIP	0			R741	1-218-945-11	RES-CHIP	220	5%	1/16W
R397	1-240-722-91	METAL CHIP	220K	5%	1/20W	R742	1-218-969-11	RES-CHIP	22K	5%	1/16W
R398	1-240-722-91	METAL CHIP	220K	5%	1/20W	R743	1-218-965-11	RES-CHIP	10K	5%	1/16W
R401	1-240-695-91	METAL CHIP	1K	5%	1/20W			< SWITCH >			
R509	1-208-721-11	METAL CHIP	39K	0.5%	1/16W	S001	1-786-443-21	SWITCH, DETECTION (LENS COVER)			
R511	1-218-978-11	RES-CHIP	120K	5%	1/16W			< SENSOR >			
R512	1-208-893-11	METAL CHIP	1.8K	0.5%	1/16W	SE501	1-479-022-51	SENSOR, ANGULAR VELOCITY (PITCH)			
R513	1-208-909-11	METAL CHIP	8.2K	0.5%	1/16W	SE502	1-479-022-61	SENSOR, ANGULAR VELOCITY (YAW)			
R515	1-208-721-11	METAL CHIP	39K	0.5%	1/16W			< VIBRATOR >			
R517	1-218-978-11	RES-CHIP	120K	5%	1/16W	* X001	1-795-029-31	VIBRATOR, CRYSTAL (32.768kHz)			
R518	1-208-893-11	METAL CHIP	1.8K	0.5%	1/16W	* X302	1-813-403-21	QUARTZ CRYSTAL OSCILLATOR (12MHz)			
R519	1-208-909-11	METAL CHIP	8.2K	0.5%	1/16W						
R523	1-218-965-11	RES-CHIP	10K	5%	1/16W						
R524	1-218-986-11	RES-CHIP	560K	5%	1/16W						
R525	1-218-986-11	RES-CHIP	560K	5%	1/16W						
R526	1-218-965-11	RES-CHIP	10K	5%	1/16W						
R527	1-240-695-91	METAL CHIP	1K	5%	1/20W						
R536	1-218-965-11	RES-CHIP	10K	5%	1/16W						
R537	1-694-535-91	SHORT CHIP	0								
R539	1-218-886-11	METAL CHIP	43K	0.5%	1/10W						
R540	1-208-922-11	METAL CHIP	30K	0.5%	1/16W						
R541	1-208-911-11	METAL CHIP	10K	0.5%	1/16W						
R542	1-208-911-11	METAL CHIP	10K	0.5%	1/16W						
R545	1-240-718-91	METAL CHIP	100K	5%	1/20W						
R546	1-240-718-91	METAL CHIP	100K	5%	1/20W						
R547	1-218-977-11	RES-CHIP	100K	5%	1/16W						
R548	1-240-718-91	METAL CHIP	100K	5%	1/20W						
R549	1-240-718-91	METAL CHIP	100K	5%	1/20W						

DSC-T10

SONY®

SERVICE MANUAL

Ver 1.1 2006.09

LEVEL 3

*US Model
Canadian Model
AEP Model
UK Model
E Model
Australian Model
Hong Kong Model
Chinese Model
Korea Model
Argentine Model
Brazilian Model
Japanese Model
Tourist Model*

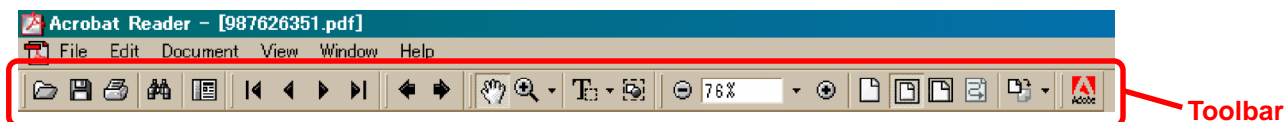
SUPPLEMENT-1

File this supplement with the service manual.
(DI06-069)


- Addition of Brazilian Model

The differences with other area models are only accessories.


[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:

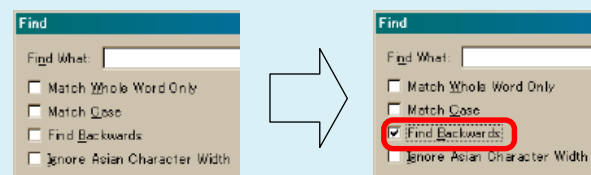
This function allows you to go and back between circuit diagram and printed circuit board diagram, and accordingly it will be convenient for the voltage check.

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.

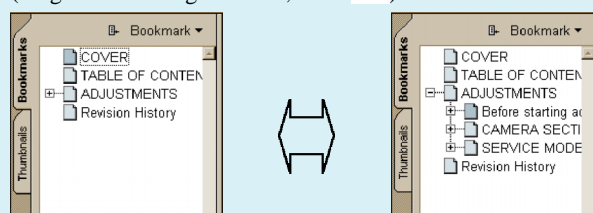
Moving with link

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	2006.07	Official Release	—	—
1.1	2006.09	Supplement-1 (S1 DI06-069)	• Addition of Brazilian Model	No