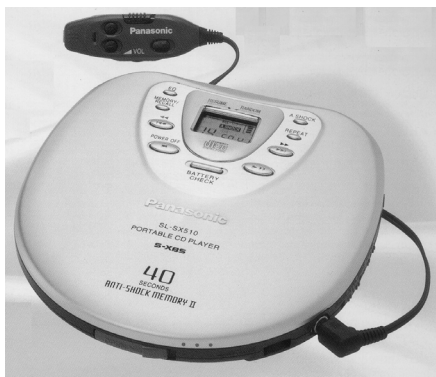


Service Manual

Portable CD Player

Please file and use this manual together with the service manual for Model No. SL-SX510, Order No. AD9901005C3.

SL-SX510



Colours

(S).....Silver Type

(A).....Blue Type (GK area only)

Areas

GC.....Asia and Saudi Arabia

GK.....China

GN.....Oceania

Specification

■ Audio

No. of channels:	2 (left and right, stereo)
Frequency response:	20 to 20,000 Hz (+0.5dB, -1.5dB)
Output voltage:	0.6 V (50k Ω)
S/N:	More than 96 dB*
Wow and flutter:	Below measurable limit
DA converter:	1 bit, MASH
Headphones output level:	Max. 9mW+9mW/16 Ω (variable)

■ Pickup

Light source:	Semiconductor laser
Wavelength:	780 nm

■ General

Operational temperature range:	0°C - 40°C
Rechargeable temperature range:	5°C - 40°C
Power supply:	DC 4.5 V

● Power consumption:

Power source	Anti-shock off/on
When using AC adaptor	2.8W/3.0W
When recharging:	Approx. 5.4W

● Play time:

(When used in hold mode, at 25°C temperature and on a flat and stable surface)

Batteries used

	Anti-shock off/on
2 Alkaline batteries (LR03)	About 9h/About 12h
2 Alkaline batteries (LR6)	About 22h/About 28h
Rechargeable batteries	About 6h/About 8h
4 Alkaline batteries	About 33h/About 43h
2 Rechargeable and 2 Alkaline batteries	About 28h/About 36h

The play time may be less depending on the operating conditions.

Recharging time: About 3h

Dimensions (WxHxD): 128x20.8x131 mm

Weight: 191g (with batteries)
169g (without batteries)

*These specifications were measured in the Anti-shock off mode.

Note:

Specifications are subject to change without notice.

Weight and dimensions are approximate.

⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

CONTENTS

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1 Simplement Guide

This manual mention the revision of SL-SX510.

- Accessories
- Schematic Diagram (Original)
- Printed Circuit Board Diagram (Original)
- Replacement Parts List
 - Electrical Parts List (Original)
 - Cabinet and Chassis Parts List (Original)
 - Packaging and Accessories Parts List (Original)

The other items are refered service manual for SL-SX510.

2 Accessories

- AC adaptor 1 pc.
- Stereo earphones 1 pc.
- For areas (GC) and (GK)
 - Cord clip 1 pc.
- Wired remote control 1 pc.
- External battery case 1 pc.
- Nickel-metal hydride batteries 2 pcs.
- Battery carrying case 1 pc.
- Remove the rechargeable batteries from their case before use. If the inner tray is removed, the case can be use to carry 2 LR6 (UM-3) batteries, used in the external battery case.
- Soft case 1 pc.

For area (GC)

- Power plug adaptor 1 pc.

3 Schematic Diagram Notes

3.1. Schematic Diagram Notes

Notes:

- S201 : Laser ON/OFF switch in "OFF" position.
(It turns "ON" with disc holder closed.)
- S202: Rest detector in "OFF" position.
(It turns "ON" when optical pickup comes to innermost periphery.)
- S309 : Play mode selector (MODE) in "NORMAL" position.
(RANDOM ⇄ NORMAL ⇄ RESUME)
- S310 : Hold (HOLD) switch in "OFF" position.
- S801 : Play/pause (▶/⏸) switch.
- S802 : Stop/power off (■/POWER OFF) switch.
- S803: Skip/search (▶▶/▶▶, ◀◀/◀◀) switches.
- S804 [S803 : ▶▶/▶▶, S804 : ◀◀/◀◀]
- S805 : Repeat (REPEAT) switch.
- S806 : Memory/recall (MEMORY/RECALL) switch.
- S807 : EQ selector (EQ) switch.
- S808 : Anti-shock (A.SHOCK) switch.
- S809 : Battery check (BATT CHECK) switch.
- VR11 : Power supply voltage adjustment.
- VR701-1, 2 : Headphones volume (VOLUME) control.
- Important safety notice:

Components identified by Δ mark have special characteristics important for safety.

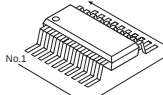
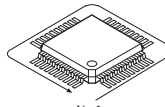
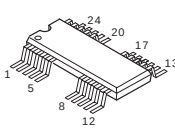
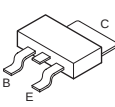
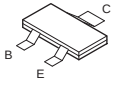
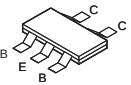
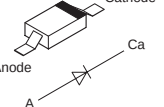
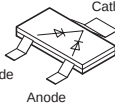
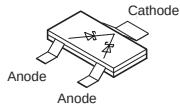
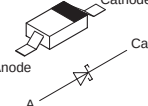
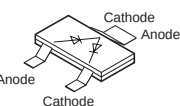
Furthermore, special parts which have purposes of fire-retardant (resistors), high-quality sound (capacitors), low-noise (resistors), etc. are used. When replacing any of components, be sure to use only manufacture's specified parts shown in the parts list.

- The supply part number is described alone in the replacement parts.
-  : +B lines.
-  : CD playback signal lines.
- The voltage value and waveforms are the reference voltage of this measured by DC electronic voltmeter (high impedance) and oscilloscope on the basis of GND terminal (DC IN Jack). Accordingly, there may arise some errors in the voltage values and waveforms depending upon the internal impedance of the tester or measuring unit.
- Measurement conditions:
 - *AC adaptor is used for power supply.
 - *Set the headphones VR(VR701) to center position(No.5).
 - *Set the hold lock and ANTI-SHOCK switches to ON.
 - *The parenthesized is the voltage for test disc (1 kHz, L+R, 0 dB) in play mode, and the other, for no disc in stop mode.

Caution!!

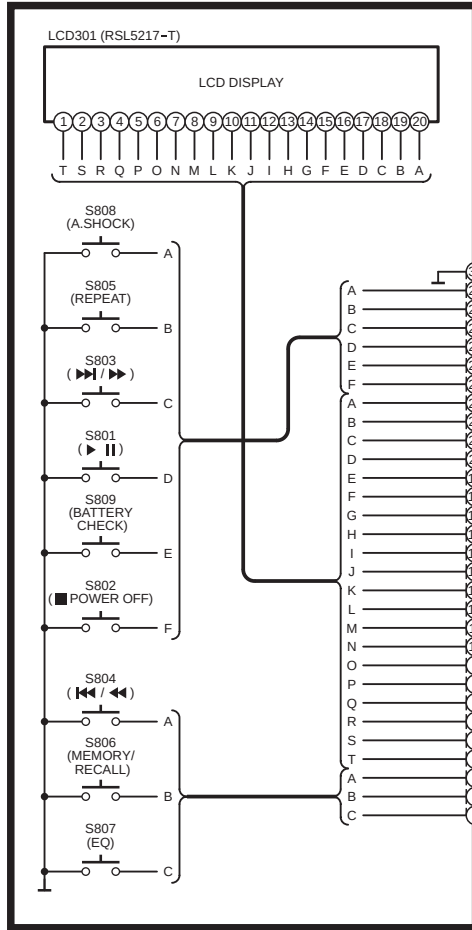
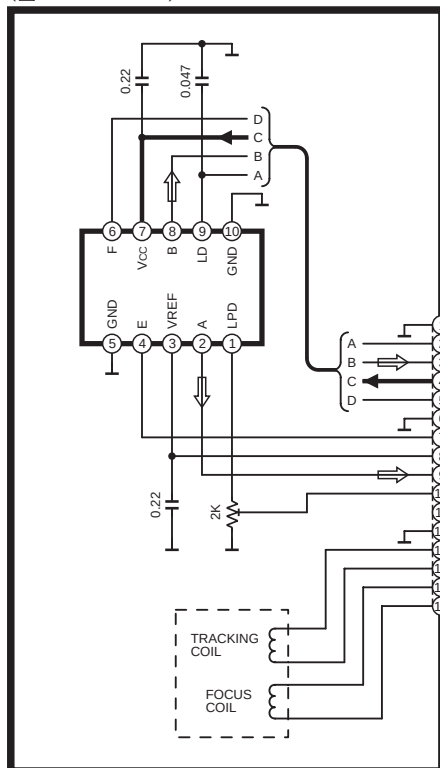
- IC and LSI are sensitive to static electricity.
- Secondary trouble can be prevented by taking care during repair.
- Cover the parts boxes made of plastics with aluminum foil.
- Ground the soldering iron.
- Put a conductive mat on the work table.
- Do not touch the pins of IC or LSI with fingers directly.

3.2. Type Illustration of IC's, Transistors and Diodes

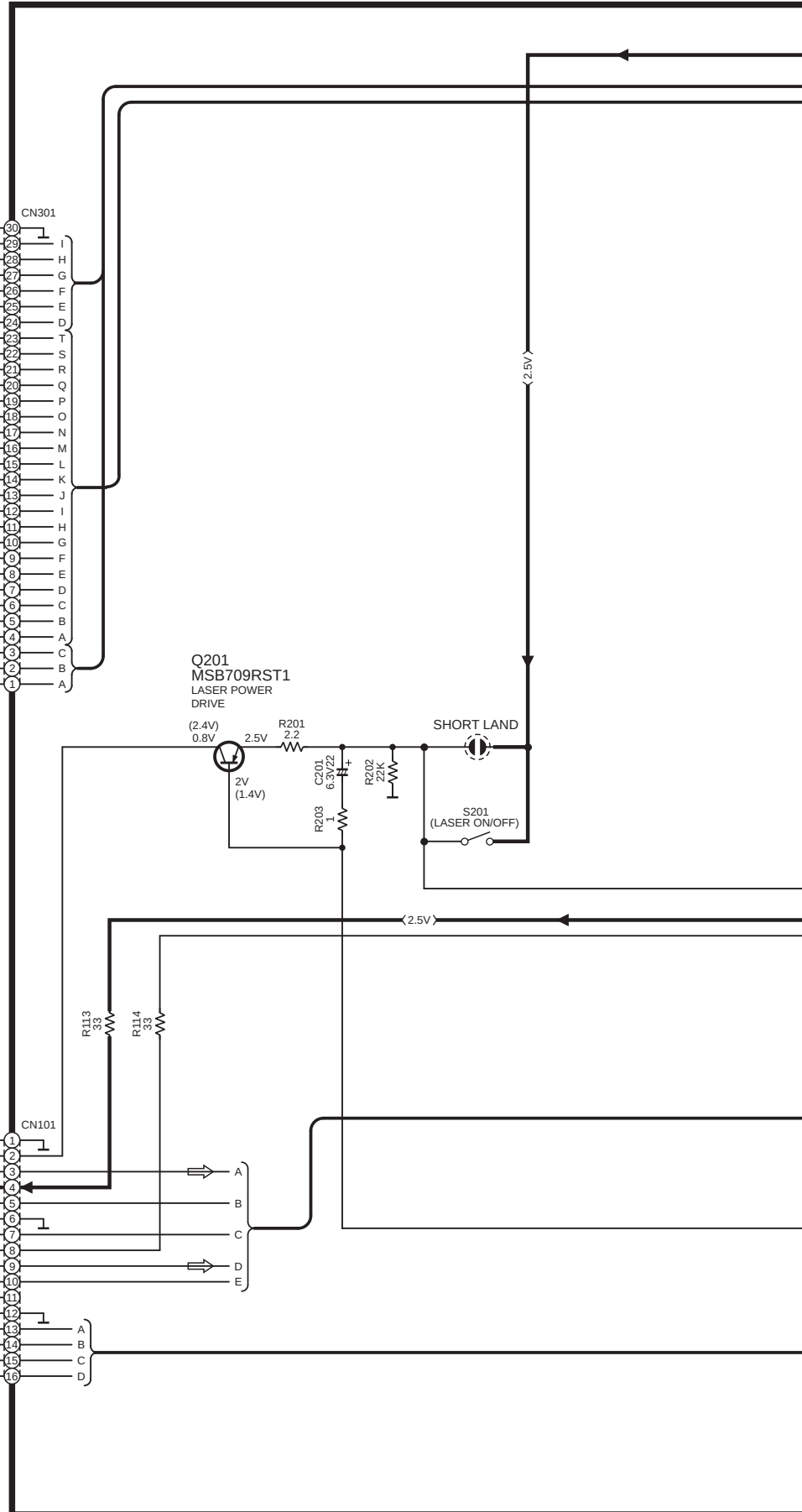
 No.1	<table><tr><td>NJU7082BVTE1</td><td>8PIN</td></tr><tr><td>AN8839NSBE1</td><td>28PIN</td></tr><tr><td>RS10002E2</td><td>40PIN</td></tr><tr><td>BH6522FVE2</td><td>40PIN</td></tr><tr><td>BA6966FVE2</td><td>20PIN</td></tr></table>	NJU7082BVTE1	8PIN	AN8839NSBE1	28PIN	RS10002E2	40PIN	BH6522FVE2	40PIN	BA6966FVE2	20PIN	 No.1	<table><tr><td>SC440323CFU</td><td>64PIN</td></tr><tr><td>MN662782RPT1</td><td>80PIN</td></tr></table>	SC440323CFU	64PIN	MN662782RPT1	80PIN	 1 5 8 12 13 17 20 24	 C B E
NJU7082BVTE1	8PIN																		
AN8839NSBE1	28PIN																		
RS10002E2	40PIN																		
BH6522FVE2	40PIN																		
BA6966FVE2	20PIN																		
SC440323CFU	64PIN																		
MN662782RPT1	80PIN																		
 B E C	MSB709RST1 2SB1218ATX 2SD1328TX 2SD1819ATX	DTA114YUA106 DTC114EUA106 DTC144TUA106 UN5213TX	 XN1210TX XN1215TX B E B C C	 Anode Cathode A Ca	 Anode Cathode Anode														
 Anode Cathode Anode	 Anode Cathode A Ca	 Anode Cathode Cathode																	

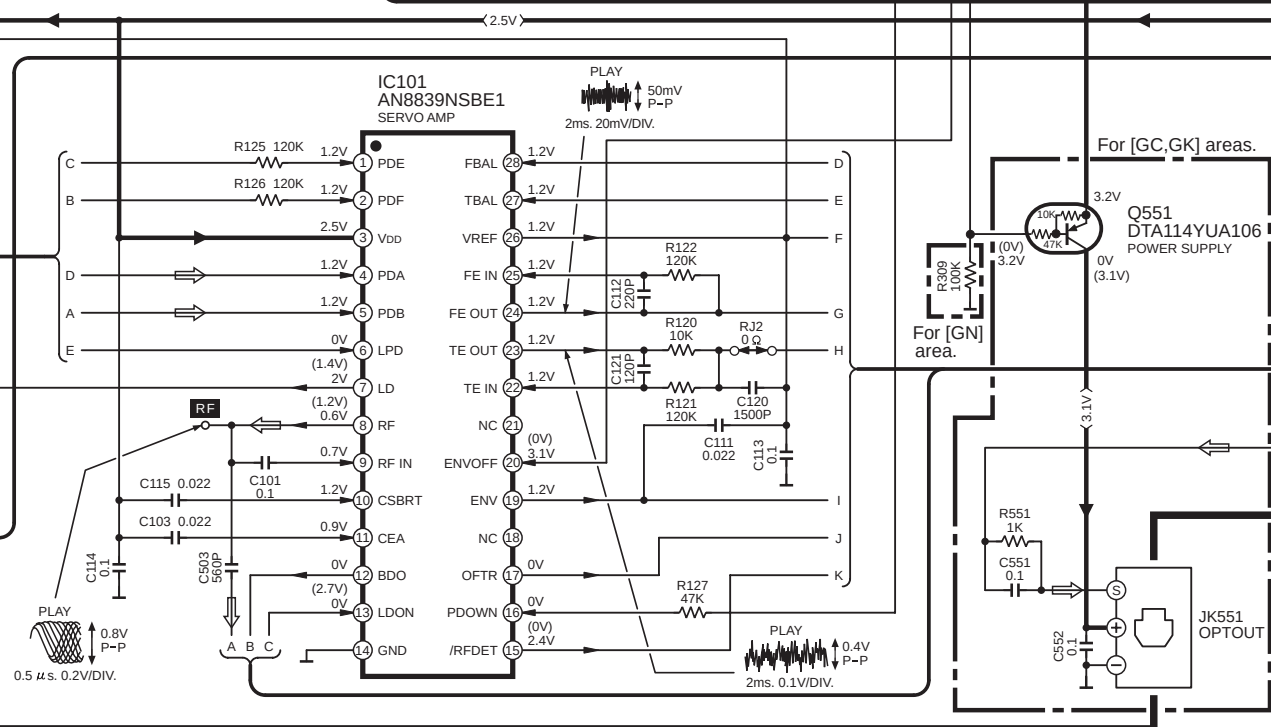
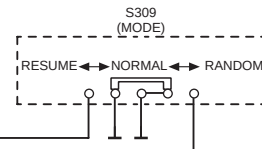
4 Schematic Diagram

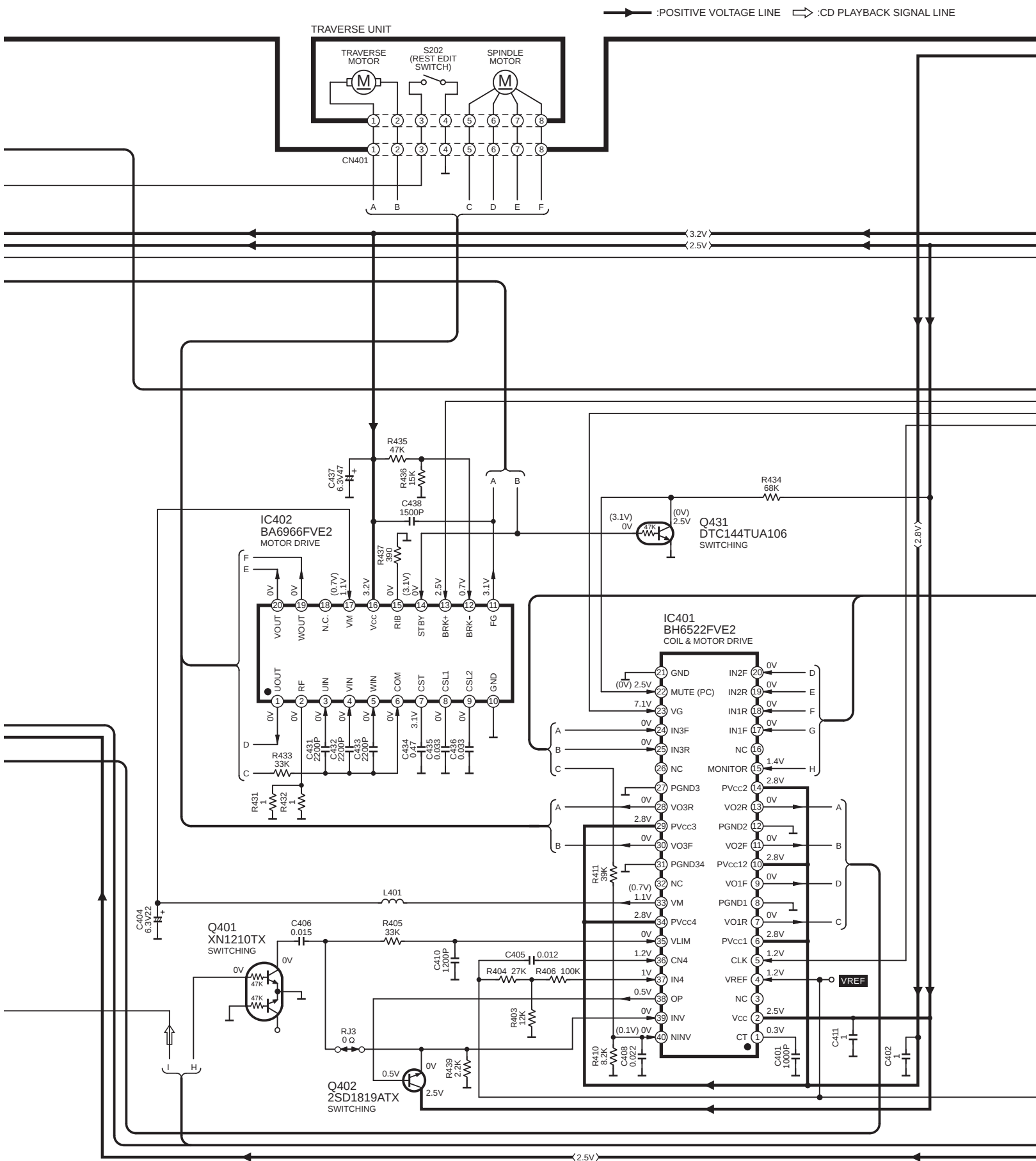
OPERATION / LCD UNIT

TRAVERSE UNIT
(▲ OPTICAL PICKUP)

→ : POSITIVE VOLTAGE LINE ⇨ : CD PLAYBACK SIGNAL LINE

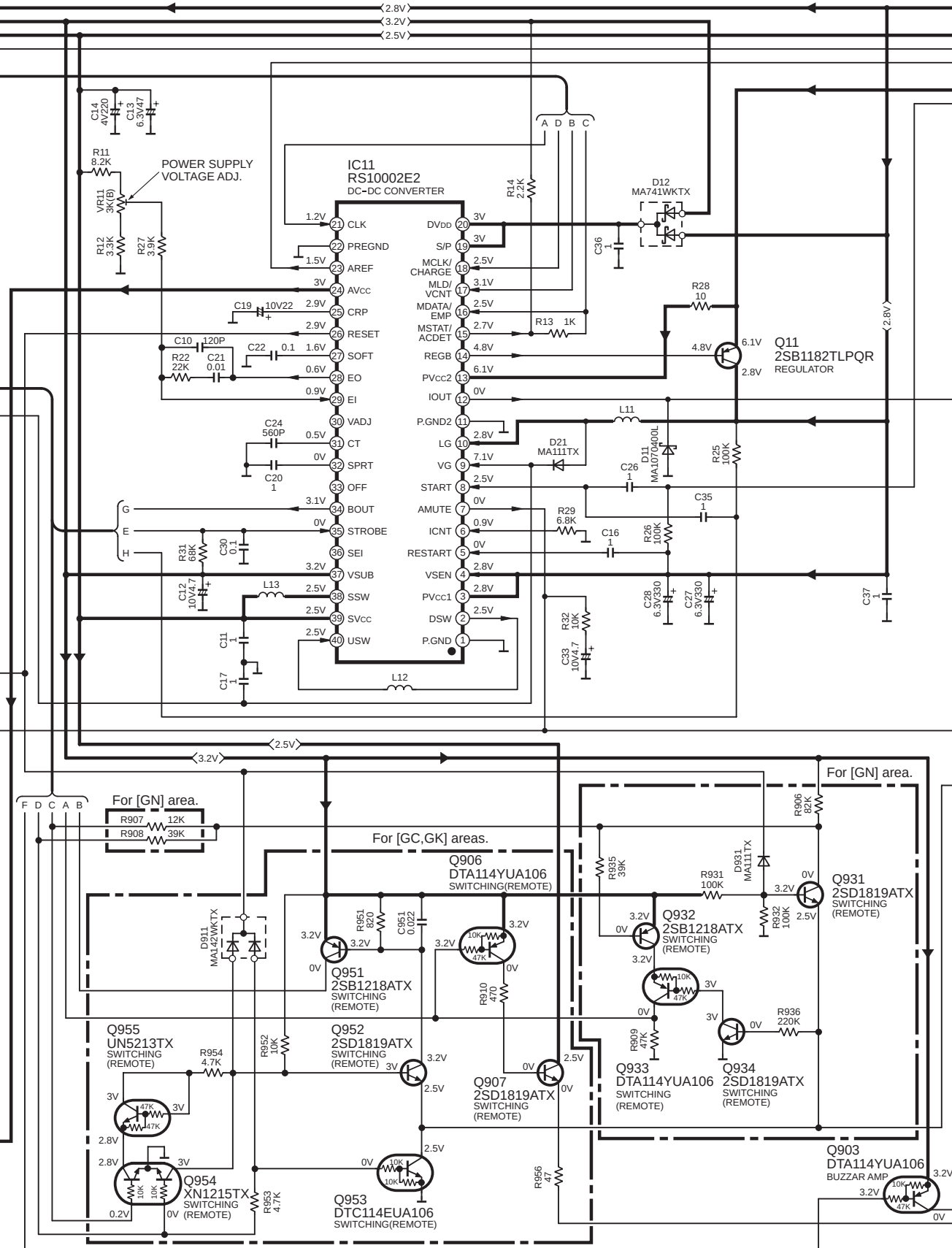




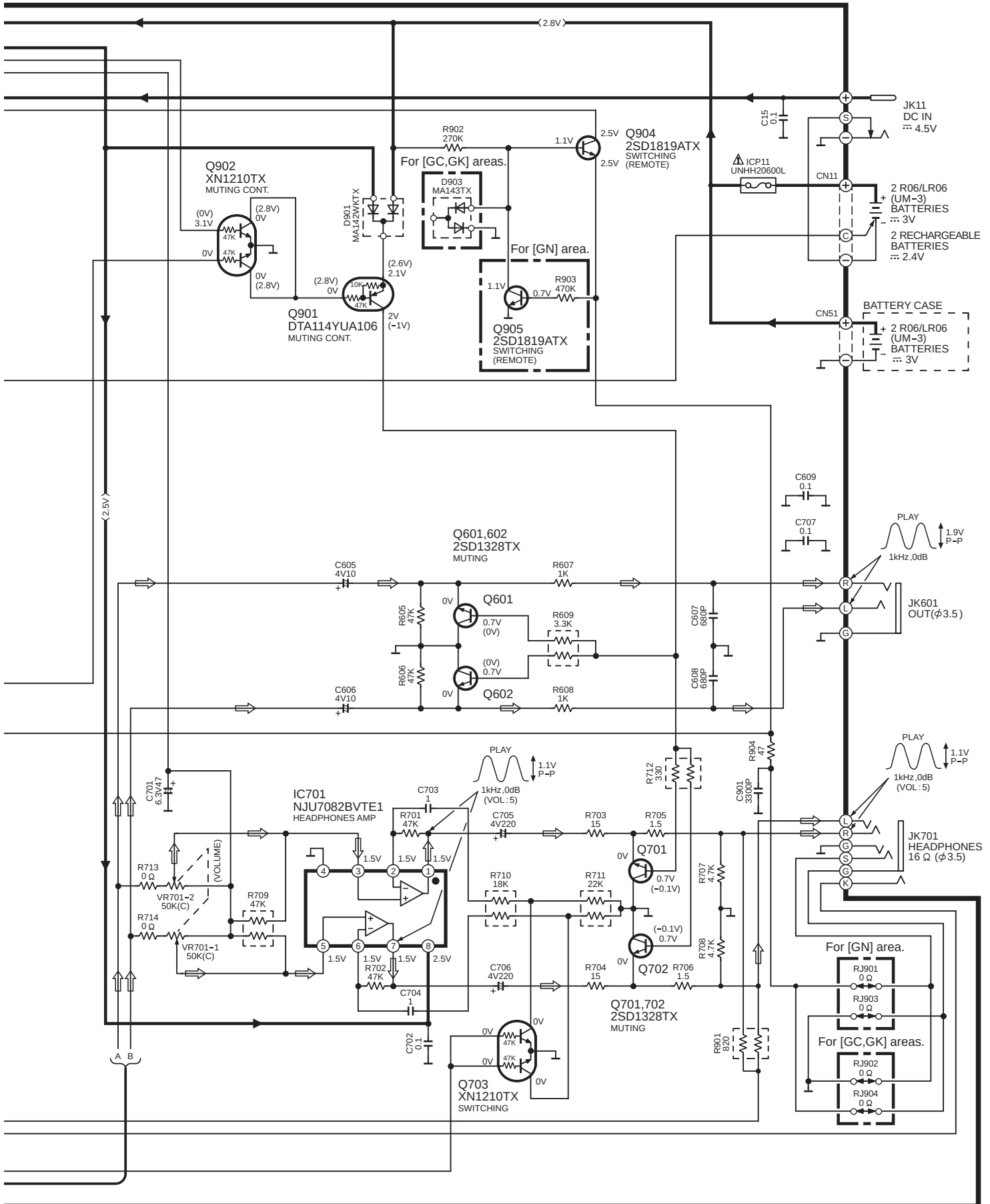




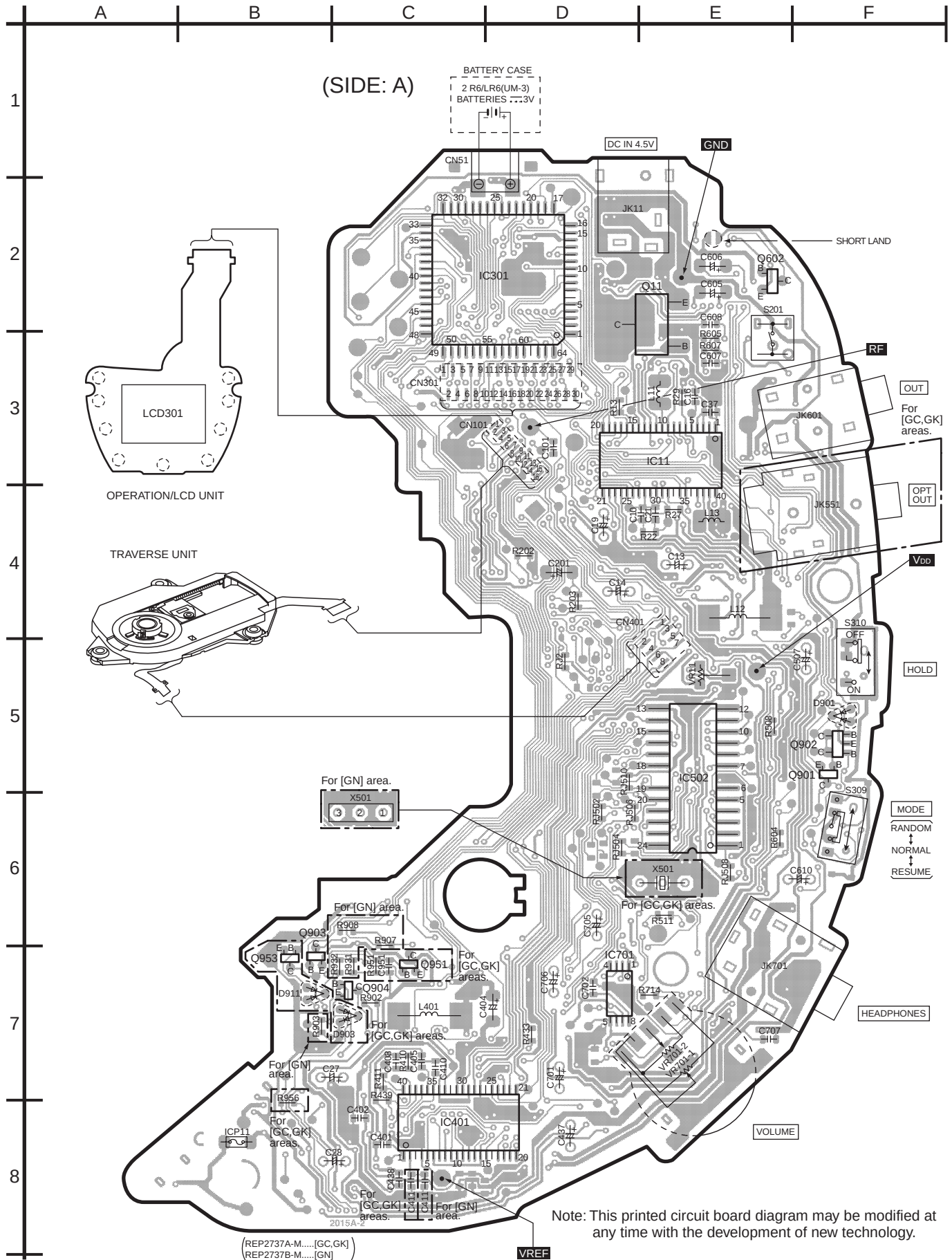
→ : POSITIVE VOLTAGE LINE



→ : POSITIVE VOLTAGE LINE ⇨ : CD PLAYBACK SIGNAL LINE



5 Printed Circuit Board and Wiring Connection Diagram



Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.	Ref. No.	Lo. No.
(SIDE: A)							
IC11	3E	LCB301	3A	R605	3E	C37	3E
IC301	2D	S201	3E	R607	3E	C101	3D
IC401	8C	S309	6F	R714	7E	C201	4D
IC502	5E	S310	5F	R902	7C	C401	8C
IC701	7D	CN51	1D	R903	7B	C402	8C
Q11	2E	CN101	3D	R907	6C	C404	7D
Q602	2E	CN301	3D	R908	6C	C405	7C
Q901	5F	CN401	5E	R931	7C	C408	7C
Q902	5F	JK11	2D	R932	7C	C410	7C
Q903	7B	JK551	4F	R951	7C	C411	8C
Q904	7C	JK601	3F	R956	8B	C437	8D
Q951	7C	JK701	7E	RJ2	5D	C438	8C
Q953	7B	R13	3D	RJ502	6D	C507	5F
D901	5F	R22	4E	RJ504	6D	C605	2E
D903	7C	R27	4E	RJ506	6D	C606	2E
D911	7B	R29	3E	RJ508	6E	C607	3E
ICP11	8B	R202	4D	RJ510	5D	C608	2E
VR11	5E	R203	4D	C10	4E	C610	6F
VR701-1	7E	R410	7C	C13	4E	C701	7D
VR701-2	7E	R411	7C	C14	4D	C702	7D
L11	3E	R433	7D	C16	3E	C705	6D
L12	4E	R439	7C	C19	4D	C706	7D
L13	4E	R508	5E	C21	4E	C707	7E
L401	7C	R511	6E	C27	7C	C951	7C
X501	6C,6E	R604	6E	C28	8C		
(SIDE: B)							
IC101	4I	R114	4I	R704	8I	C111	4I
IC402	8J	R120	4I	R705	7H	C112	4I
IC501	5H	R121	4I	R706	8I	C113	4I
Q201	4H	R122	4I	R707	7H	C114	3I
Q401	8J	R125	3J	R708	7H	C115	3I
Q402	8J	R126	3I	R709	7I	C120	4I
Q431	7J	R127	4I	R710	7H	C121	4I
Q551	3G	R201	4H	R711	7H	C301	2I
Q601	3H	R301	2I	R712	7H	C302	2I
Q603	6G	R302	2I	R713	7H	C406	8I
Q701	7H	R303	5G	R901	7H	C431	8I
Q702	7H	R304	2I	R904	7H	C432	8J
Q703	7H	R306	2I	R905	7J	C433	8J
Q905	7J	R307	3H	R906	7J	C434	8J
Q906	8K	R309	3G	R909	7J	C435	8J
Q907	8K	R403	8J	R910	8K	C436	8J
Q931	7J	R404	8J	R935	7J	(C437)	8I
Q932	7J	R405	8J	R936	7J	C501	6H
Q933	7J	R406	8J	R952	6J	C502	6H
Q934	7J	R431	8I	R953	6J	C503	6H
Q952	7J	R432	8I	R954	7J	C504	5H
Q954	6J	R434	7J	RJ3	8J	C506	5G
Q955	7J	R435	7J	RJ511	5G	(C507)	5G
D11	3H	R436	7J	RJ901	7G	C508	5G
D12	2H	R437	7I	RJ902	7G	C509	5G
D21	2H	R501	5H	RJ903	7G	C510	6I
D301	2J	R502	5H	RJ904	6G	C511	5H
D302	2J	R503	5H	C11	4H	C514	6I
D931	6J	R505	5G	C12	3H	C515	5H
(X501)	5J,6H	R506	5H	(C13)	4H	C525	6H
(S201)	3G	R509	6H	(C14)	4H	C551	5G
CN11	8K	R510	6H	C15	2H	C552	4G
(JK11)	2H	R512	6H	C17	3H	C601	6G
(JK51)	4G	R513	5H	(C19)	4I	C602	6G
(JK601)	3G	R514	8I	C20	4H	C603	6G
(JK701)	7G	R551	5H	C22	3H	C604	6H
R11	4H	R601	5G	C24	3H	C608	

6 Replacement Parts List

Notes:

*Important safety notice:

*Components identified by $\triangle$ have special characteristics important for safety.

*Furthermore, special parts which have purposes of fire-retardant (resistors), high-quality sound (capacitors), low-noise (resistors), etc. are used.

*When replacing any of components, be sure to use only manufacturer's specified parts shown in the parts list.

*The parenthesized indications in the Remarks columns specify the areas. (Refer to the cover page for area.)

Parts without these indications can be used for all areas.

*Warning: This product uses a laser diode. Refer to caution statements.

*Capacity values are in microfarads (μF) unless specified otherwise, P=Pico-farads (pF), F=Farads (F)

*Resistance values are in ohms, unless specified otherwise, 1K=1,000 (OHM), 1M=1,000k (OHM)

*"<IA>, <IB>, <IC>" marks in Remarks indicate language of instruction manual.

[<IA>: English, <IB>: English/Chinese, <IC>: Arabic]

*This item is not attached to merchandise, but it is supplied as a replacement parts.

ACHTUNG:

Die Lasereinheit nicht zerlegen.

Die Lasereinheit darf nur gegen eine vom Hersteller spezifizierte Einheit ausgetauscht werden.

6.1. Electrical Parts List (Original)

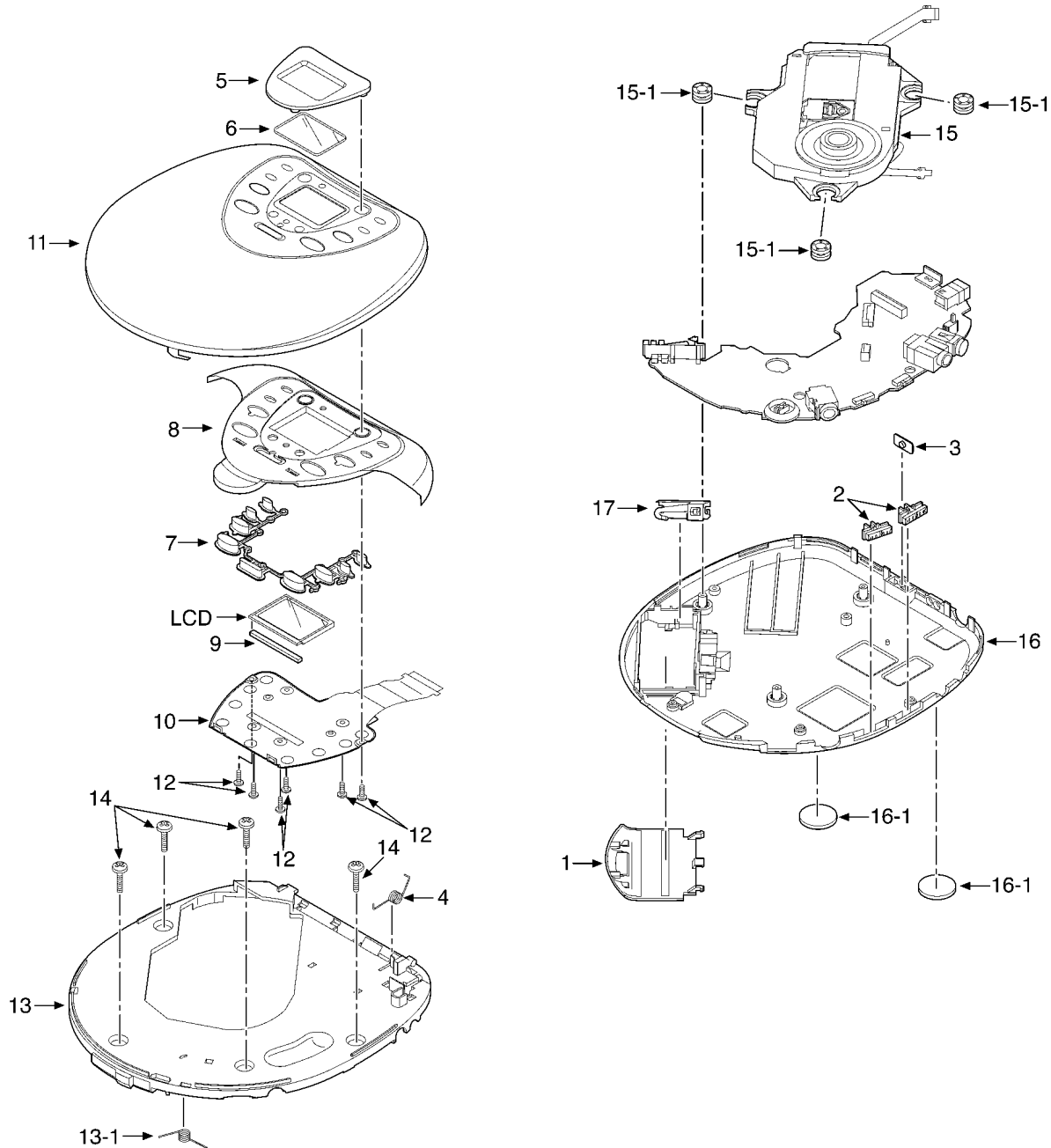
Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C10	ECUV1H121KCV	50V 120P	1	
C11	ECUVNA105ZFV	10V 1U	1	
C12	ECST1AY475RR	10V 4.7U	1	
C13	RCE0JSL470IX	6.3V 47U	1	
C14	RCE0GKS221IG	4V 220U	1	
C15	ECUZNC104ZFV	16V 0.1U	1	
C16, 17	ECUVNA105ZFV	10V 1U	2	
C19	ECEA1AKS220	10V 22U	1	
C20	ECUVNA105ZFV	10V 1U	1	
C21	ECUV1E103KBV	25V 0.01U	1	
C22	ECUZNC104ZFV	16V 0.1U	1	
C24	ECUV1H561KBV	50V 560P	1	
C26	ECUVNJ105KBV	63V 1U	1	
C27, 28	ECEA0JKS331	6.3V 330U	2	
C30	ECUV1C104KBV	16V 0.1U	1	
C33	ECST1AY475RR	10V 4.7U	1	
C35	ECUVNJ105KBV	63V 1U	1	
C36, 37	ECUVNA105ZFV	10V 1U	2	
C101	ECUV1C104KBV	16V 0.1U	1	
C103	ECUV1E223KBV	25V 0.022U	1	
C111	ECUV1E223KBV	25V 0.022U	1	
C112	ECUV1H221KBV	50V 220P	1	
C113, 14	ECUZNC104ZFV	16V 0.1U	2	
C115	ECUV1E223KBV	25V 0.022U	1	
C120	ECUV1H152KBV	50V 1500P	1	
C121	ECUV1H121KCV	50V 120P	1	
C201	RCST0JY226RG	6.3 22U	1	
C301	ECUZNC104ZFV	16V 0.1U	1	
C302	ECUVNA105ZFV	10V 1U	1	
C401	ECUV1H102KBV	50V 1000P	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C402	ECUVNA105ZFV	10V 1U	1	
C404	RCST0JY226RG	6.3 22U	1	
C405	ECUV1E123KBV	25V 0.012U	1	
C406	ECUV1E153KBV	25V 0.015U	1	
C408	ECUV1E223KBV	25V 0.022U	1	
C410	ECUV1H122KBV	50V 1200P	1	
C411	ECUVNA105ZFV	10V 1U	1	
C431-33	ECUV1H222KBV	50V 2200P	3	
C434	ECUV0J474KBV	6.3V 0.47U	1	
C435, 36	ECUV1C333KBV	16V 0.033U	2	
C437	ECEA0JKS470	6.3V 47U	1	
C438	ECUV1H152KBV	50V 1500P	1	
C501, 02	ECUV1H150KCV	50V 15P	2	(GC, GK)
C503	ECUV1H561KBV	50V 560P	1	
C504	ECUZNC104ZFV	16V 0.1U	1	
C506	ECUVNA224KBV	10V 0.22U	1	
C507	RCE0GKS221IG	4V 220U	1	
C508	ECUV0J474KBV	6.3V 0.47U	1	
C509	ECUV1E103KBV	25V 0.01U	1	
C510, 11	ECUZNC104ZFV	16V 0.1U	2	
C514	ECUV1H102KBV	50V 1000P	1	
C515	ECUZNC104ZFV	16V 0.1U	1	
C525	ECUZNC104ZFV	16V 0.1U	1	
C551, 52	ECUZNC104ZFV	16V 0.1U	2	(GC, GK)
C601, 02	ECUV1H102KBV	50V 1000P	2	
C603, 04	ECUV1H272KBV	50V 2700P	2	
C605, 06	ECST0GY106RR	4V 10U	2	
C607, 08	ECUV1H681KBV	50V 680P	2	
C609	ECUZNC104ZFV	16V 0.1U	1	
C610	ECEA0JKS470	6.3V 47U	1	
C701	ECEA0JPD470I	6.3V 47U	1	
C702	ECUZNC104ZFV	16V 0.1U	1	
C703, 04	ECUVNJ105KBV	63V 1U	2	
C705, 06	ECEA0GKS221	4V 220U	2	
C707	ECUZNC104ZFV	16V 0.1U	1	
C901	ECUV1H332KBV	50V 3300P	1	
C951	ECUV1E223KBV	25V 0.022U	1	(GC, GK)
CN11	RJH8302	CONNECTOR	1	
CN51	RJH9209-1	BATT.CASE CONNECT.TERMINA	1	
CN101	RJS2A4616T	CONNECTOR	1	
CN301	RJS2A6130T	FPC CONNECTOR	1	
CN401	RJS2A6108T	CONNECTOR	1	
CX505	ECUV1E223KBV	25V 0.022U	1	
D11	MA1070400L	DIODE	1	
D12	MA741WKTX	DIODE	1	
D21	MA111TX	DIODE	1	
D301, 02	MA142WKTX	DIODE	2	
D901	MA142WKTX	DIODE	1	
D903	MA143TX	DIODE	1	(GC, GK)
D911	MA142WKTX	DIODE	1	(GC, GK)
D931	MA111TX	DIODE	1	(GN)
IC11	RS10002E2	IC	1	
IC101	AN8839NSBE1	IC	1	
IC301	SC440322CFU	IC	1	
IC401	BH6522FV	IC	1	
IC402	BA6966FV	IC	1	
IC501	MN662782RPT1	IC	1	
IC502	KM44Q4104C	IC	1	
IC701	NJU7082BVTE1	IC	1	
ICP11	UNHH20600L	ICP	1	
JK11	RJJ43K09-C	JACK, DC IN	1	
JK551	GP1F366X	JACK, OUT	1	
JK601	RJJD3S5ZB-C	JACK, AUDIO OUT	1	
JK701	RJJ36T02-C	JACK, HP	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L11	RLQU331KT-W	COIL	1	
L12	RLQS101KT1-T	COIL	1	
L13	RLQU331KT-W	COIL	1	
L401	RLQS330KT1-T	COIL	1	
LCD301	RSL5217-T	LCD	1	
Q11	2SB1182TLPQR	TRANSISTOR	1	
Q201	MSB709RST1	TRANSISTOR	1	
Q401	XN1210TX	TRANSISTOR	1	
Q402	2SD1819ATX	TRANSISTOR	1	
Q431	DTC144TUA106	TRANSISTOR	1	
Q551	DTA114YUA106	TRANSISTOR	1	(GC, GK)
Q601, 02	2SD1328QRSTX	TRANSISTOR	2	
Q603	XN1215TX	TRANSISTOR	1	
Q701, 02	2SD1328QRSTX	TRANSISTOR	2	
Q703	XN1210TX	TRANSISTOR	1	
Q901	DTA114YUA106	TRANSISTOR	1	
Q902	XN1210TX	TRANSISTOR	1	
Q903	DTA114YUA106	TRANSISTOR	1	
Q904, 05	2SD1819ATX	TRANSISTOR	2	(GN)
Q906	DTA114YUA106	TRANSISTOR	1	(GC, GK)
Q907	2SD1819ATX	TRANSISTOR	1	(GC, GK)
Q931	2SD1819ATX	TRANSISTOR	1	(GN)
Q932	2SB1218ATX	TRANSISTOR	1	(GN)
Q933	DTA114YUA106	TRANSISTOR	1	(GN)
Q934	2SD1819ATX	TRANSISTOR	1	(GN)
Q951	2SB1218ATX	TRANSISTOR	1	(GC, GK)
Q952	2SD1819ATX	TRANSISTOR	1	(GC, GK)
Q953	DTC114EUA106	TRANSISTOR	1	(GC, GK)
Q954	XN1215TX	TRANSISTOR	1	(GC, GK)
Q955	UN5213TX	TRANSISTOR	1	(GC, GK)
R11	ERJ3GEYJ822V	1/16W 8.2K	1	
R12	ERJ3GEYJ332V	1/16W 3.3K	1	
R13	ERJ3GEYJ102Z	1/16W 1K	1	
R14	ERJ3GEYJ222V	1/16W 2.2K	1	
R22	ERJ3GEYJ223V	1/16W 22K	1	
R25, 26	ERJ3GEYJ104Z	1/16W 100K	2	
R27	ERJ3GEYJ392V	1/16W 3.9K	1	
R28	ERJ3GEYJ100V	1/16W 10	1	
R29	ERJ3GEYJ682V	1/16W 6.8K	1	
R31	ERJ3GEYJ683V	1/16W 68K	1	
R32	ERJ3GEYJ103Z	1/16W 10K	1	
R113, 14	ERJ3GEYJ330V	1/16W 33	2	
R120	ERJ3GEYJ103Z	1/16W 10K	1	
R121, 22	ERJ3GEYJ124V	1/16W 120K	2	
R125, 26	ERJ3GEYJ124V	1/16W 120K	2	
R127	ERJ3GEYJ473V	1/16W 47K	1	
R201	ERJ3GEYJ2R2V	1/16W 2.2	1	
R202	ERJ3GEYJ223V	1/16W 22K	1	
R203	ERJ3GEYJ1R0V	1/16W 1	1	
R301	ERJ3GEYJ392V	1/16W 3.9K	1	
R302	ERJ3GEYJ104Z	1/16W 100K	1	
R303	ERJ3GEYJ102Z	1/16W 1K	1	
R304	ERJ3GEYJ105V	1/16W 1M	1	
R306	EXBV8V473JV	1/8W 47K	1	
R307	ERJ3GEYJ104Z	1/16W 100K	1	
R309	ERJ3GEYJ104Z	1/16W 100K	1	(GN)
R403	ERJ3GEYJ123V	1/16W 12K	1	
R404	ERJ3GEYJ273V	1/16W 27K	1	
R405	ERJ3GEYJ333V	1/16W 33K	1	
R406	ERJ3GEYJ104Z	1/16W 100K	1	
R410	ERJ3GEYJ822V	1/16W 8.2K	1	
R411	ERJ3GEYJ393V	1/16W 39K	1	
R431, 32	ERJ3GEYJ1R0V	1/16W 1	2	
R433	ERJ3GEYJ333V	1/16W 33K	1	
R434	ERJ3GEYJ683V	1/16W 68K	1	
R435	ERJ3GEYJ473V	1/16W 47K	1	
R436	ERJ3GEYJ153V	1/16W 15K	1	
R437	ERJ3GEYJ391V	1/16W 390	1	
R439	ERJ3GEYJ222V	1/16W 2.2K	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R501	ERJ3GEYJ683V	1/16W 68K	1	
R502	ERJ3GEYJ563V	1/16W 56K	1	
R503	ERJ3GEYJ0R00V	1/16W 0	1	
R505	ERJ3GEYJ391V	1/16W 390	1	
R506	ERJ3GEYJ222V	1/16W 2.2K	1	
R508	ERJ3GEYJ1R0V	1/16W 1	1	
R509	ERJ3GEYJ223V	1/16W 22K	1	
R510	EXBV4V103JV	1/32W 10K	1	
R511	ERJ3GEYJ472V	1/16W 4.7K	1	
R512	EXBV4V222JV	1/32W 2.2K	1	
R513	ERJ3GEYJ104Z	1/16W 100K	1	
R514	ERJ3GEYJ681V	1/16W 680	1	
R551	ERJ3GEYJ102Z	1/16W 1K	1	(GC, GK)
R601, 02	ERJ3GEYJ681V	1/16W 680	2	
R603, 04	MCR03PZHJ561	1/16W 560	2	
R605, 06	ERJ3GEYJ473V	1/16W 47K	2	
R607, 08	ERJ3GEYJ102Z	1/16W 1K	2	
R609	EXBV4V332JV	1/32W 3.3K	1	
R701, 02	ERJ3GEYJ473V	1/16W 47K	2	
R703, 04	ERJ3GEYJ150V	1/16W 15	2	
R705, 06	ERJ3GEYJ1R5V	1/16W 1.5	2	
R707, 08	ERJ3GEYJ472V	1/16W 4.7K	2	
R709	EXBV4V473JV	1/32W 47K	1	
R710	EXBV4V183JV	1/32W 18K	1	
R711	EXBV4V223JV	1/32W 22K	1	
R712	EXBV4V331JV	1/32W 330	1	
R713, 14	ERJ3GEYJ0R00V	1/16W 0	2	
R901	EXBV4V821JV	1/32W 820	1	
R902	ERJ3GEYJ274V	1/16W 270K	1	
R903	ERJ3GEYJ474V	1/16W 470K	1	(GN)
R904	ERJ3GEYJ470V	1/16W 47	1	
R905	ERJ3GEYJ473V	1/16W 47K	1	
R906	ERJ3GEYJ823V	1/16W 82K	1	(GN)
R907	ERJ3GEYJ123V	1/16W 12K	1	(GN)
R908	ERJ3GEYJ393V	1/16W 39K	1	(GN)
R909	ERJ3GEYJ473V	1/16W 47K	1	(GN)
R910	ERJ3GEYJ471V	1/16W 470	1	(GC, GK)
R931, 32	ERJ3GEYJ104Z	1/16W 100K	2	(GN)
R935	ERJ3GEYJ393V	1/16W 39K	1	(GN)
R936	ERJ3GEYJ224V	1/16W 220K	1	
R951	ERJ3GEYJ821V	1/16W 820	1	(GC, GK)
R952	ERJ3GEYJ103Z	1/16W 10K	1	(GC, GK)
R953, 54	ERJ3GEYJ472V	1/16W 4.7K	2	(GC, GK)
R956	ERJ3GEYJ470V	1/16W 47	1	
RJ2, J3	ERJ3GEYJ0R00V	CHIP JUMPER	2	
RJ502	ERJ3GEYJ0R00V	CHIP JUMPER	1	
RJ504	ERJ3GEYJ0R00V	CHIP JUMPER	1	
RJ506	ERJ3GEYJ0R00V	CHIP JUMPER	1	
RJ508	ERJ3GEYJ0R00V	CHIP JUMPER	1	
RJ510	ERJ3GEYJ0R00V	CHIP JUMPER	2	
RJ901-04	ERJ3GEYJ0R00V	CHIP JUMPER	4	(GC, GK)
S201	ESE11SV6	SW, LASER ON/OFF	1	
S309	RSS3A007-1A	SW, MODE	1	
S310	RSS2A010-1A	SW, HOLD	1	
S2002	RSP1A024-A	SW, REST DET.	1	
VR11	RRN3A05B33WL	V.R., POWER SUPPLY VOL.DET	1	
VR701	EVUTUFB1C54	V.R., VOL.	1	
X501	EF0EX1695X4	OSCILLATOR	1	(GN)
X501	RSXC16M9S01T	OSCILLATOR	1	(GC, GK)

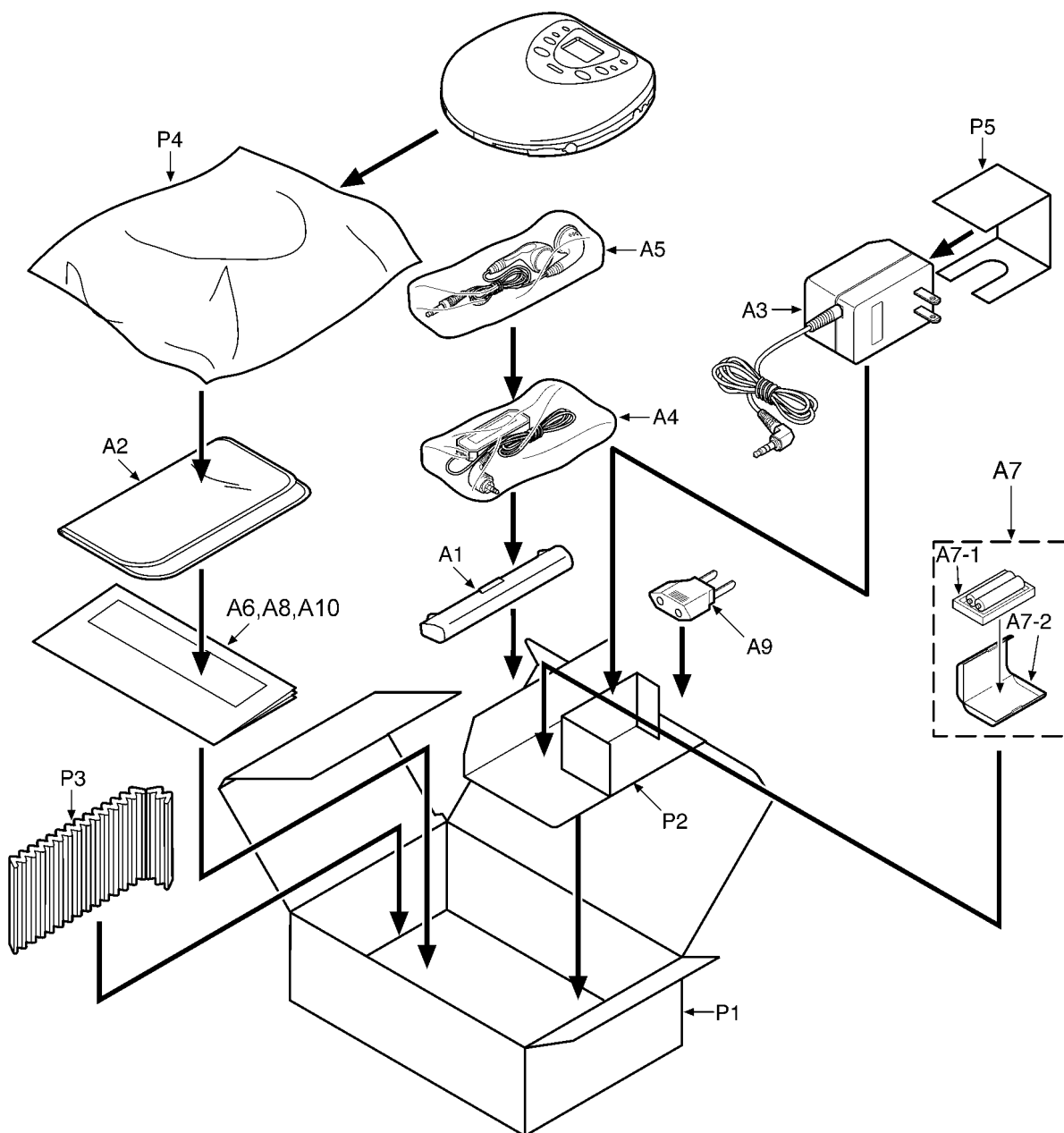
6.2. Cabinet and Chassis Parts List (Original)



Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
1	RKK0120-H	BATT. COVER	1	
2	RGV0200-H	SLIDE KNOB	1	
3	RMA0677	REAR ORNAMENT PLATE	1	
4	RME0283	OPEN SPRING	1	
5	RGK1092-S	LCD WINDOW ORNAMENT	1	
6	RGV0691-X	LCD WINDOW	1	
7	RGU1696-S	OPERATION KNOB	1	
8	RMR1185-H	PLATE	1	
9	RSQ0061	ZEBRA RUBBER	1	
10	RXA0173	SW PCB	1	
11	RYF0494-A	CD COVER(A)	1	(GK) (A)
11	RYF0494-S	CD COVER(S)	1	(GC GK GN) (S)

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
12	XQN14+B63FC	SCREW	8	
13	RYK0884-H	MID CABINET	1	(GC, GK)
13	RYK0884A-H	MID CABINET	1	(GN)
13-1	RME0265	SPRING	1	
14	XTN17+66FZ	SCREW	4	
&safety ; 15	RAE0220Z	TRAVERSE DECK	1	
15-1	RMG0503-K	FLOATING GUM	2	
16	RFKJLSX510GH	BOTTOM CABINET ASS'Y	1	(GC)
16	RFKJLSX510GK	BOTTOM CABINET ASS'Y	1	(GK)
16	RFKJLSX510GN	BOTTOM CABINET	1	(GN)
16-1	RKA0063-K	FOOT	2	
17	RJC93030	COMMON TERMINAL	1	

6.3. Packaging and Accessories Parts List (Original)



Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
A1	RFA1139-H	BATTERY CASE	1	
A2	RFC0041-K	SOFT CASE	1	
&safety ; A3	RFEA403Z-S	AC ADAPTOR	1	(GC)
△ A3	RFEA403T-1S	AC ADAPTOR	1	(GK)
△ A3	RFEA403A-S	AC ADAPTOR	1	(GN)
A4	RFEV016PCSS	WIRED REMOTE CONTROL	1	(GC, GK)
A4	RFEV015PCKS	REMOTE CONTROLLER	1	(GN)
A5	RFEV323P-KS	STEREO EARPHONES	1	(GC, GK)
A5	RFEV326P-KS	STEREO EARPHONE	1	(GN)
A6	RQT4818-B	INSTRUCTION MANUAL	1	(GN)<IA>
A6	RQT4819-K	INSTRUCTION MANUAL	1	(GC GK)<IB>
A6	RQT4820-G	INSTRUCTION MANUAL	1	(GC)<IC>
A7	RFKFHHR4AHBA	RECHARGEABLE BATT.ASS'Y	1	
A7-1	RFE0059	SPACER	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
A7-2	RXQ0449	BATTERY CASE	1	
A8	RQCB0169	SERVICE CENTER LIST	1	
A9	SJP5213-2	PLUG ADAPTOR	1	(GC)
A10	RQX7433ZA	WARRANTY CARD	1	(GN)
P1	RPK1239	PACKING CASE(A)	1	(GK) (A)
P1	RPK1202	PACKING CASE(S)	1	(GC) (S)
P1	RPK1238	PACKING CASE	1	(GK) (S)
P1	RPK1197	PACKING CASE	1	(GN) (S)
P2	RPQ0925	PAD	1	(GC)
P2	RPQ0924	PAD	1	(GK, GN)
P3	RPH0218	SHEET	1	
P4	RPF0111	PROTECTION BAG(UNIT)	1	
P5	RPQ0966	PAD	1	(GN)