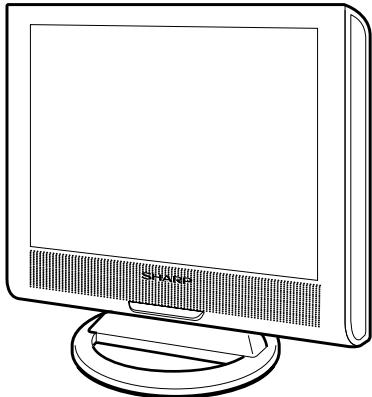


SHARP**SERVICE MANUAL**

S31Q9LC-15A2M

**LCD COLOUR TELEVISION****MODEL LC-15A2M**

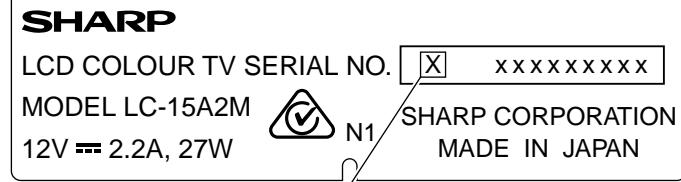
In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

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Example of suffix symbol:

The component parts of this model are partially different depending on their suffix symbols. Before servicing the units, be sure to check the suffix symbol on the model label that is applied on the back of the unit.



Suffix "X" for Australia

SHARP CORPORATION

IMPORTANT SERVICE SAFETY PRECAUTION

- Service work should be performed only by qualified service technicians who are thoroughly familiar with all safety checks and the servicing guidelines which follow:

WARNING

1. For continued safety, no modification of any circuit should be attempted.
2. Disconnect AC power before servicing.

CAUTION: FOR CONTINUED PROTECTION AGAINST A RISK OF FIRE REPLACE ONLY WITH SAME TYPE FUSE. F3701 (1.25A, 250V), F3702 (1.25A, 250V), F3751 (2.0A, 250V) FUSE.

BEFORE RETURNING THE RECEIVER (Fire & Shock Hazard)

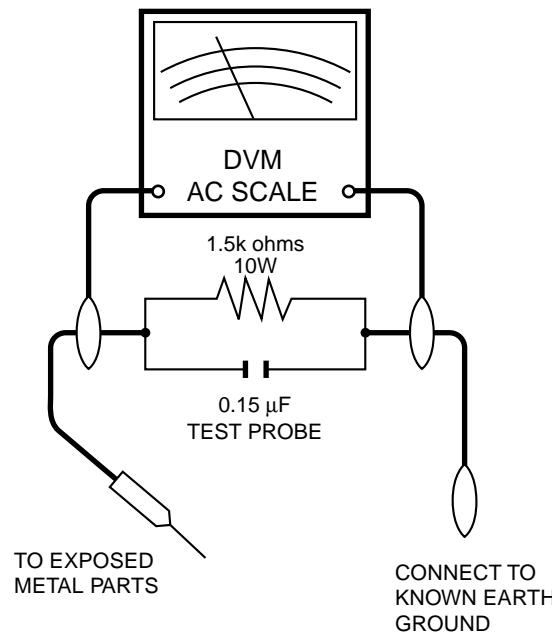
Before returning the receiver to the user, perform the following safety checks:

1. Inspect all lead dress to make certain that leads are not pinched, and check that hardware is not lodged between the chassis and other metal parts in the receiver.
2. Inspect all protective devices such as non-metallic control knobs, insulation materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators and etc.
3. To be sure that no shock hazard exists, check for leakage current in the following manner.
 - Plug the AC cord directly into a 110~240 volt AC outlet, and connect the DC power cable into the receiver's DC jack. (Do not use an isolation transformer for this test).
 - Using two clip leads, connect a 1.5k ohm, 10 watt resistor paralleled by a 0.15µF capacitor in series with all exposed metal cabinet parts and a known earth ground, such as electrical conduit or electrical ground connected to an earth ground.

- Use an AC voltmeter having with 5000 ohm per volt, or higher, sensitivity or measure the AC voltage drop across the resistor.
- Connect the resistor connection to all exposed metal parts having a return to the chassis (antenna, metal cabinet, screw heads, knobs and control shafts, escutcheon and etc.) and measure the AC voltage drop across the resistor.

All checks must be repeated with the AC cord plug connection reversed. (If necessary, a nonpolarized adaptor plug must be used only for the purpose of completing these checks.)

Any reading of 35V peak (this corresponds to 0.7 milliamp. peak AC.) or more is excessive and indicates a potential shock hazard which must be corrected before returning the monitor to the owner.



SAFETY NOTICE

Many electrical and mechanical parts in LCD television have special safety-related characteristics.

These characteristics are often not evident from visual inspection, nor can protection afforded by them be necessarily increased by using replacement components rated for higher voltage, wattage and etc.

Replacement parts which have these special safety characteristics are identified in this manual; electrical components having such features are identified by "⚠"

and shaded areas in the **Replacement Parts Lists** and **Schematic Diagrams**.

For continued protection, replacement parts must be identical to those used in the original circuit.

The use of a substitute replacement parts which do not have the same safety characteristics as the factory recommended replacement parts shown in this service manual, may create shock, fire or other hazards.

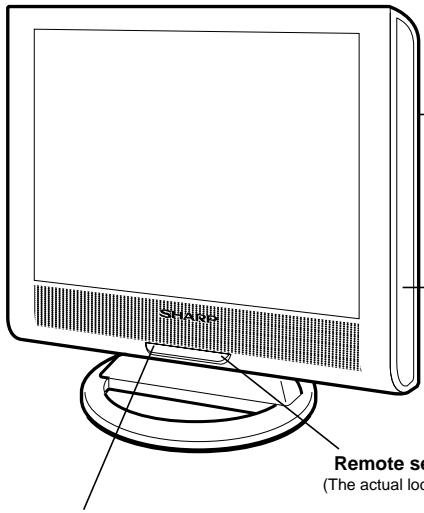
Specifications

Power Input	DC 12V (Receiver) AC 110-240V (AC Adapter)
Power Consumption	27 W (Connected to DC 12V)
LCD Panel Size	15" TFT LCD
Number of Pixels	921,600 pixels (VGA)
Audio Amplifier	(Front) 0.6 W + 0.6 W (at 10% distortion) (Rear) 2.5 W
Speakers	
Size	(Front) 3 × 4 cm (2 pcs) (Rear) φ65 mm (1 pc)
Voice Coil Impedance	(Front) 32 ohm (Rear) 6 ohm
Antenna Input Impedance	75 ohm unbalanced
Video Colour Systems	PAL/NTSC/SECAM
Receiving Frequency	
VHF Channels	44,25 thru 464,25 MHz
UHF Channels	471,25 thru 863,25 MHz
Weight	3.7 kg w/o accessories
Accessories	R/C, Batteries, AC Adapter, AC Cord, Operation Manual, Cable Clamp

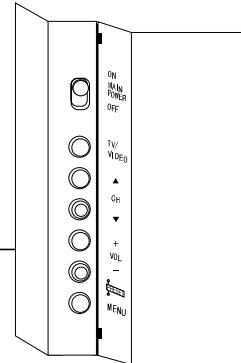
Specifications are subject to change without prior notice.

Operation Manual

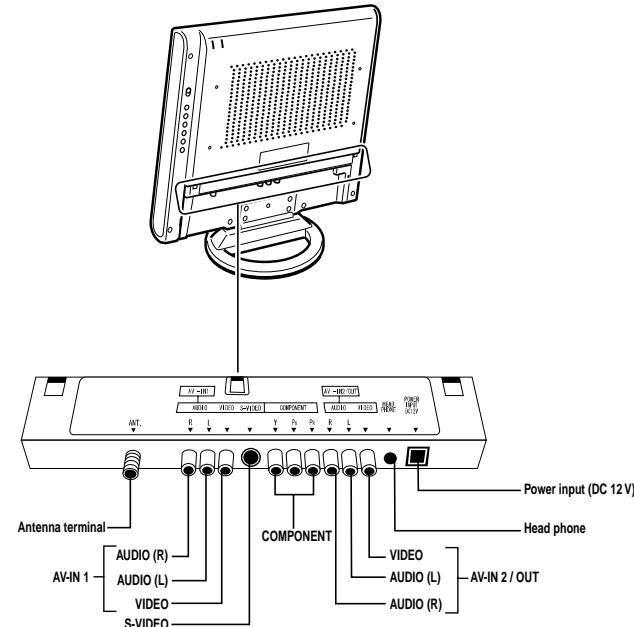
Main unit (front view)



Rear control panel



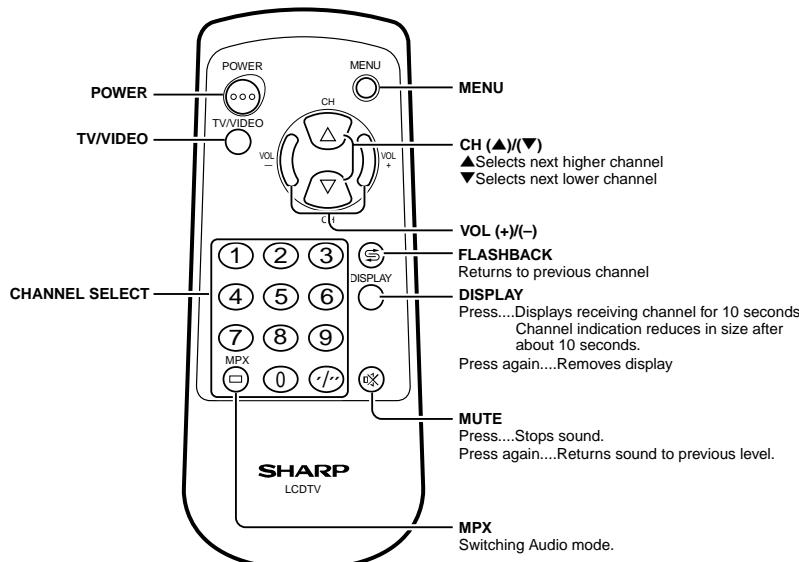
Main unit (rear view)



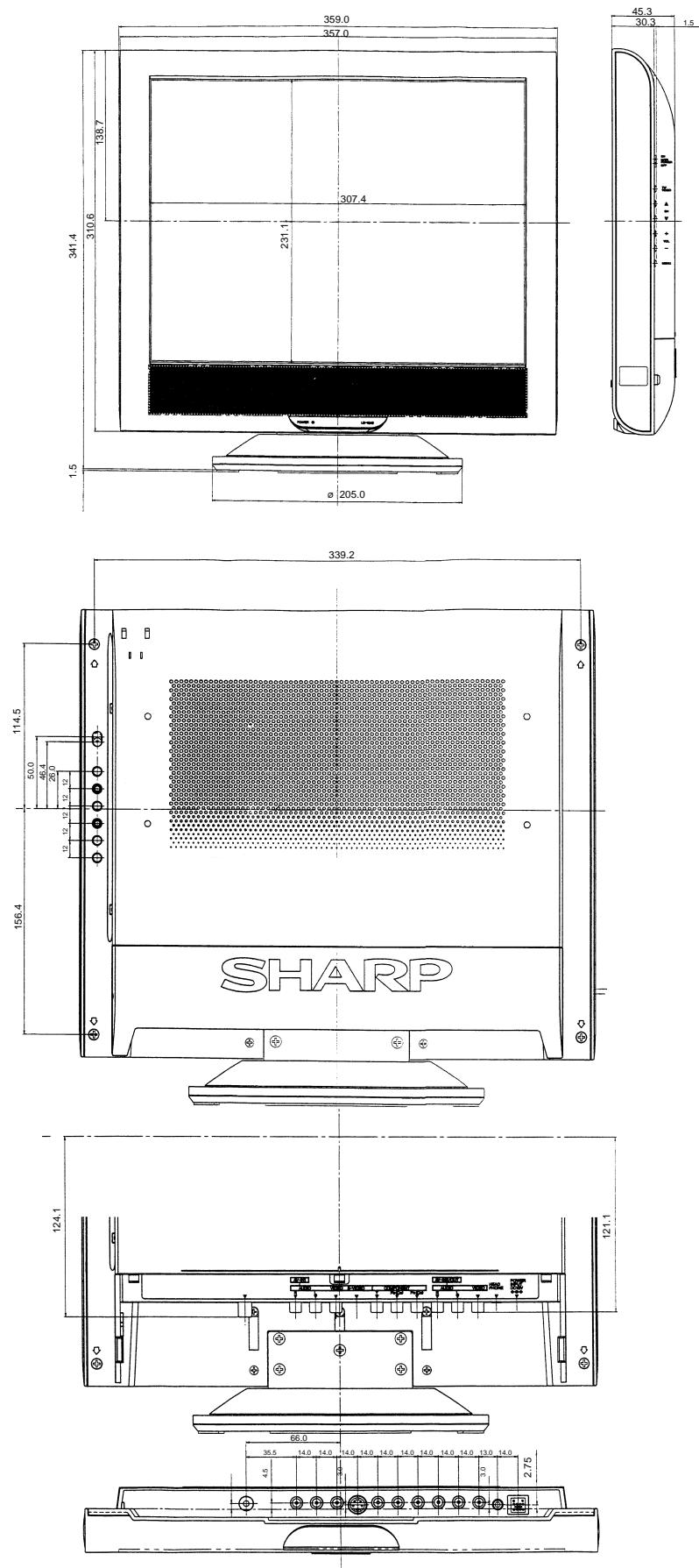
Power/standby indicator

A green indicator lights when the power is on and a red indicator lights when in the standby mode (the indicator will not light when the main power is off).

Remote control



Dimensions



Units: mm

REMOVING OF MAJOR PARTS

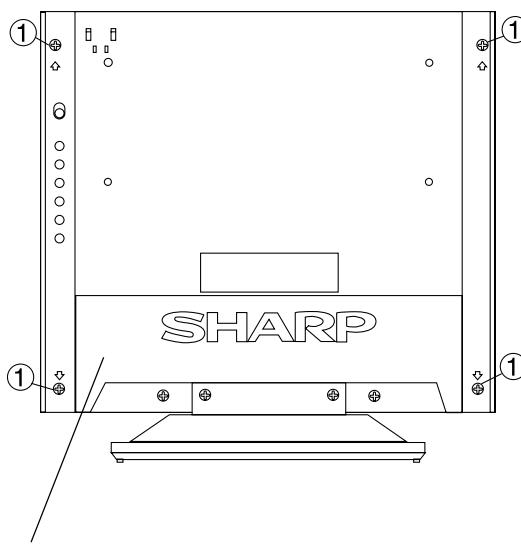
1. Insert your finger into the center of the terminal cover and pull it toward you to detach the terminal cover.
 2. Remove the four screws ① and one screw ②.
 3. Open the cabinet B by approx. 45° from the bottom of the cabinet (stand side).
 4. Remove the lead wire from the cable clamp ③.
 5. Remove the power connector ④.
 6. Remove the connector ⑤ from the light reception unit.
 7. Remove the lead wire from the cable clamp ⑥.
 8. Remove the speaker connector ⑦.
 9. Remove the FFC from the FFC connector ⑧ on the Main Unit.
 10. Remove the connector ⑨ from the Operation Unit.
 11. Remove the right and left speaker connectors ⑩ on the Terminal Unit.

<<Disassembly of the Main Unit>>

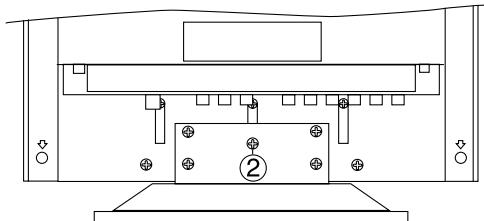
1. Disconnect the flexible cable connectors ⑪ and ⑫ from the LCD panel.
 2. Disconnect the cable connectors ⑬ and ⑭ from the fluorescent lamp.
 3. Remove the four screws ⑮.

<<Disassembly of the Terminal Unit>>

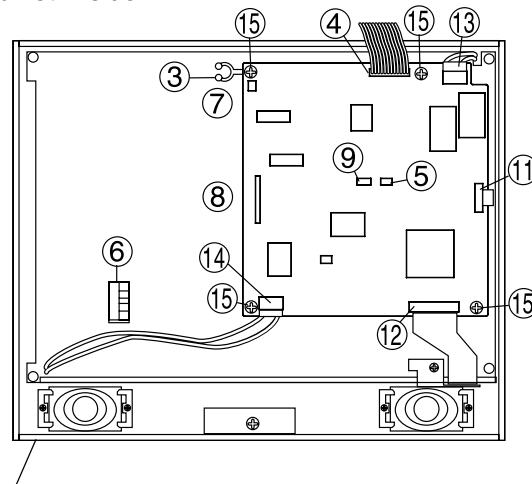
1. Remove the cover ⑯.
 2. Remove the five screws ⑰.
 3. Remove the two screws ⑱. Take them out of the cabinet holes.



Terminal Cover

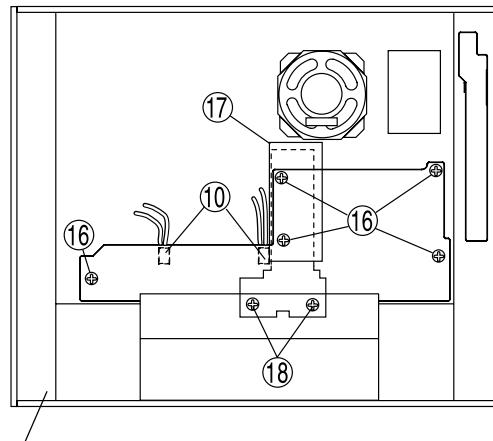


<<Cabinet A side>>



Cabinet A

<<Cabinet B side>>

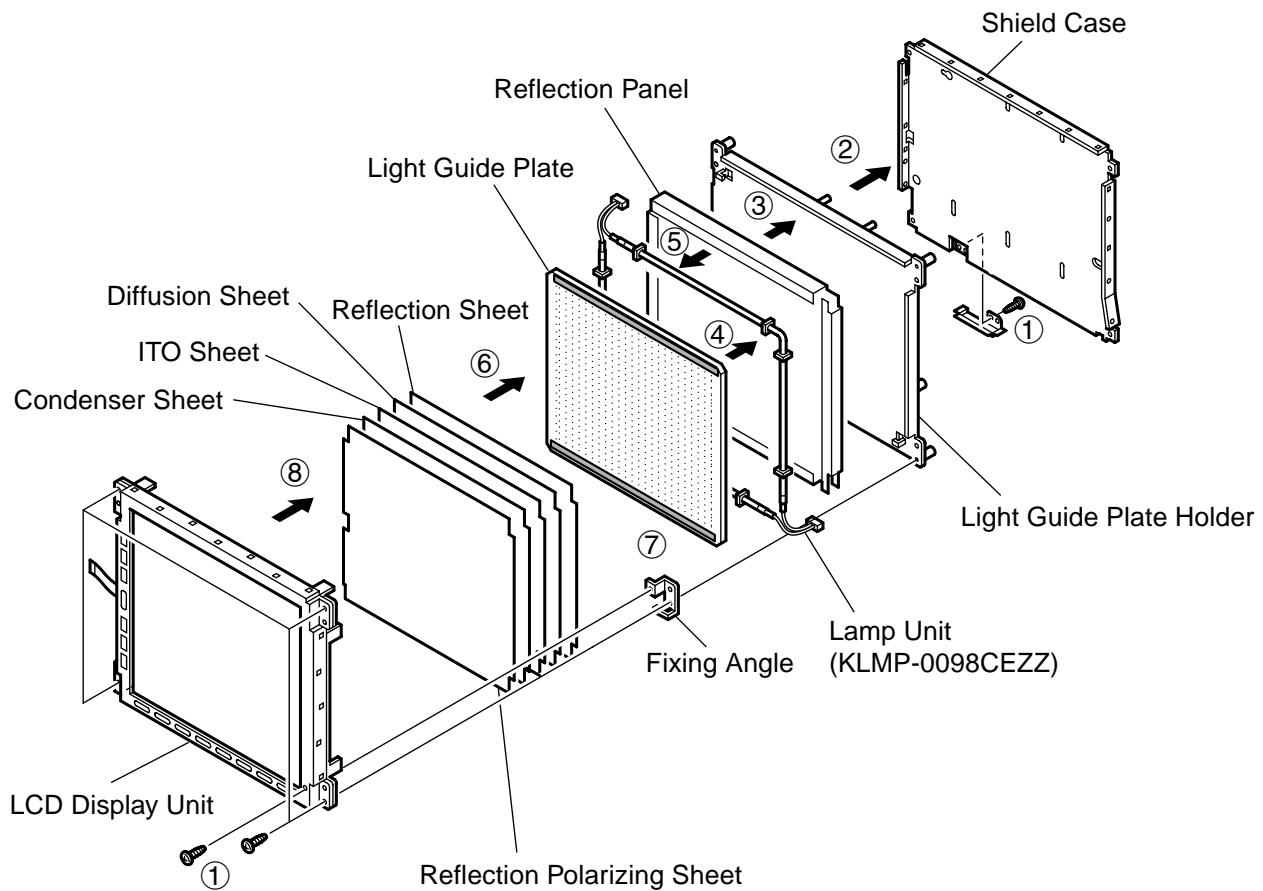


Cabinet B

- Caution for handling the LCD panel
 1. Work in a clean room. (Humidity: 50% or more)
 2. A worker must wear arm bands.
 3. Work on a conductive mat.
 4. Do not expose the unit to shock such as fall or vibration.

<<Disassembly of LCD Panel>>

1. Remove the six LCD unit fixing screws.
2. Remove the shield case.
3. Remove the light guide panel holder.
4. Remove the reflection panel.
5. Remove the lamp unit.
6. Remove the light guide plate.
7. Remove the fixing angle.
8. Remove the ITO sheet, diffusion sheet and the reflection polarizing sheet.



ADJUSTING PROCEDURE OF EACH SECTION

The best adjustment is made before shipping. If any position deviation is found or after part replace is performed, adjust as follows.

1. Preparation for Adjustments

(1) Use the exclusive-use AC adapter or stable DC power supply.

AC adapter: UADP-0210CEZZ

DC power supply: 12 ±0.5V

2. Special mode setting procedure

(1) After initialization of E²PROM the mode is changed to the adjustment mode.

[Procedure]

Connect TP2001 and TP2002 to GND, and turn on the power.

[Description]

- The initialization of microprocessor is as follows.
- AV position, DAC data, G/A data, sound processor data and video chroma data adjustment values are taken as defaults.

(2) Adjustment mode

[Procedure]

Make a short-circuit between TP2001 and GND, and turn on the power.

Or make a short-circuit TP2002 to GND, and turn on the power.

Or while holding down the [TV/VIDEO] and [MENU] keys at the same time, turn on the main power, and simultaneously press the (inspection process) [CH ▼] and [VOL-] keys to change the mode to the adjustment mode.

[Description]

The manual adjustment or adjustment through communication with the automatic machine is performed.

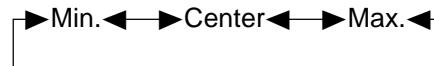
(3) Inspection mode

[Procedure]

While holding down the [TV/VIDEO] and [MENU] keys at the same time, turn on the power.

[Description]

- In the ordinary menu select “VIDEO ADJUST” with the [CH] key, and decide with the [VOL] key. Then select “PICTURE”, “TINT (only NTSC)”, “COLOR”, “BLACK LEVEL”, “SHARPNESS”, “RED-BLUE”, “GREEN” and “COLOR SYSTEM” with the [CH] key, and decide with the [VOL] key. After that, adjust values with the [VOL] key.
- VOLUME, PICTURE, TINT (only NTSC), COLOR, BLACK LEVEL, SHARPNESS, RED-BLUE, GREEN change as follows.



(4) Shipping setting mode

[Procedure]

While holding down the [TV/VIDEO] and [MENU] keys at the same time, turn on the main power, and simultaneously press the (inspection process) [CH ▲] and [VOL+] keys to change the mode to the adjustment mode.

[Description]

User adjustment and other values are taken as defaults.

If TV is indicated as SETTING COMPLETE, setting has been completed.

3. Cancel of special mode

Turn off the main power.

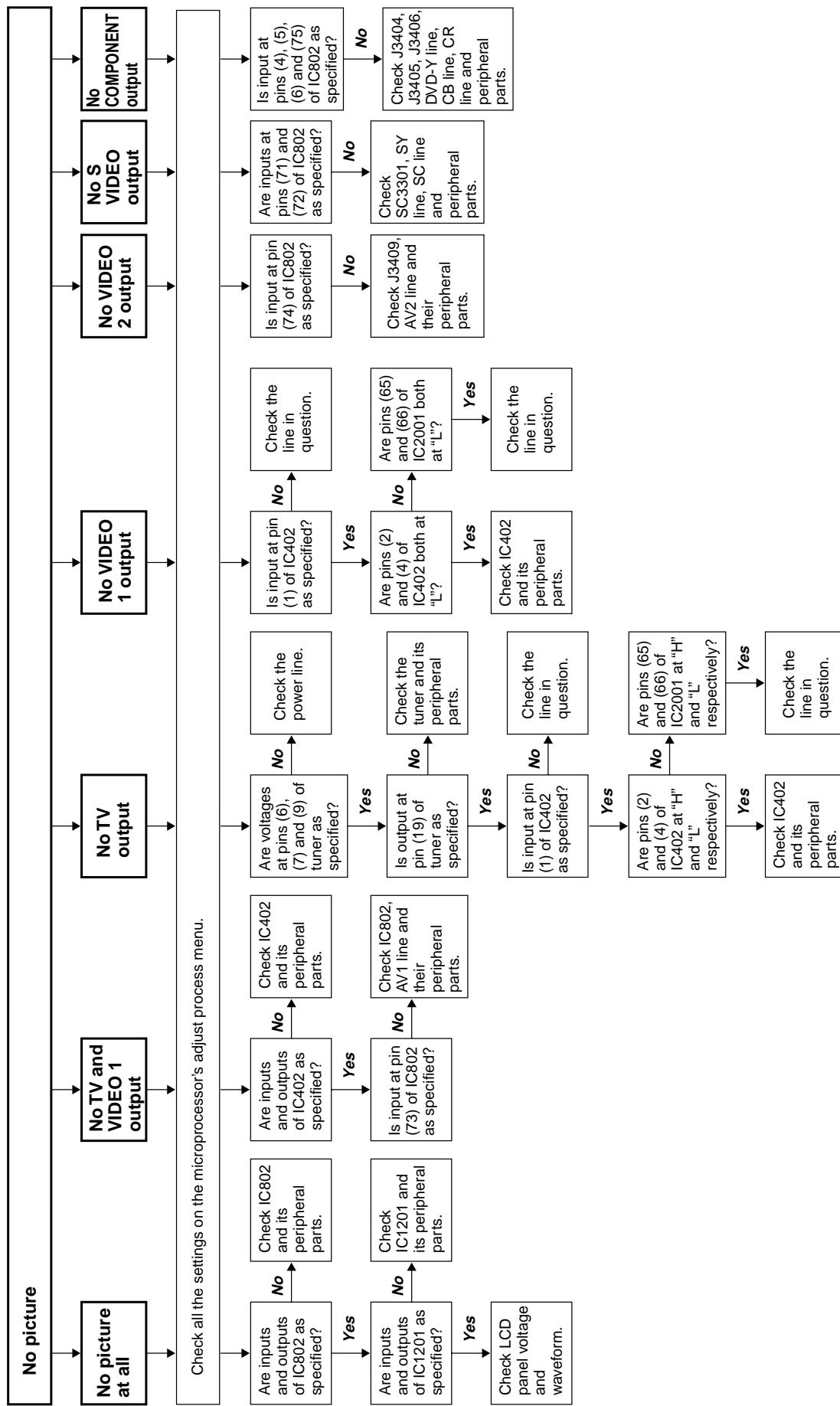
4. Adjustments

	Adjustment	Adjusting conditions	Adjusting method
1	B+ Adjustment (If E ² PROM is replaced)(IC2004)	1. Connect the DC voltmeter to pin 49 of SC401. 2. Go to the adjustment mode.	1. Adjust the "B+ Adj" value to 5.0V ±0.02V with [VOL+] or [VOL-] Key. * The colour of "B+ Adj" must be yellow.
2	Model setup (If E ² PROM is replaced) (IC2004)	1. Go to the adjustment mode.	1. Select "MODEL" with [MENU] key and adjust to "A2U" with [VOL+] or [VOL-] key. * The colour of "MODEL" must be yellow.
3	Counter-bias adjustment	1. Receive a B/W channel. 2. Go to the adjustment mode. 3. Select the "COM BIAS" with [MENU] key.	1. Adjust "COM BIAS" to the darkest screen with [VOL+] and [VOL-] key. * The colour of "COM BIAS" must be yellow.

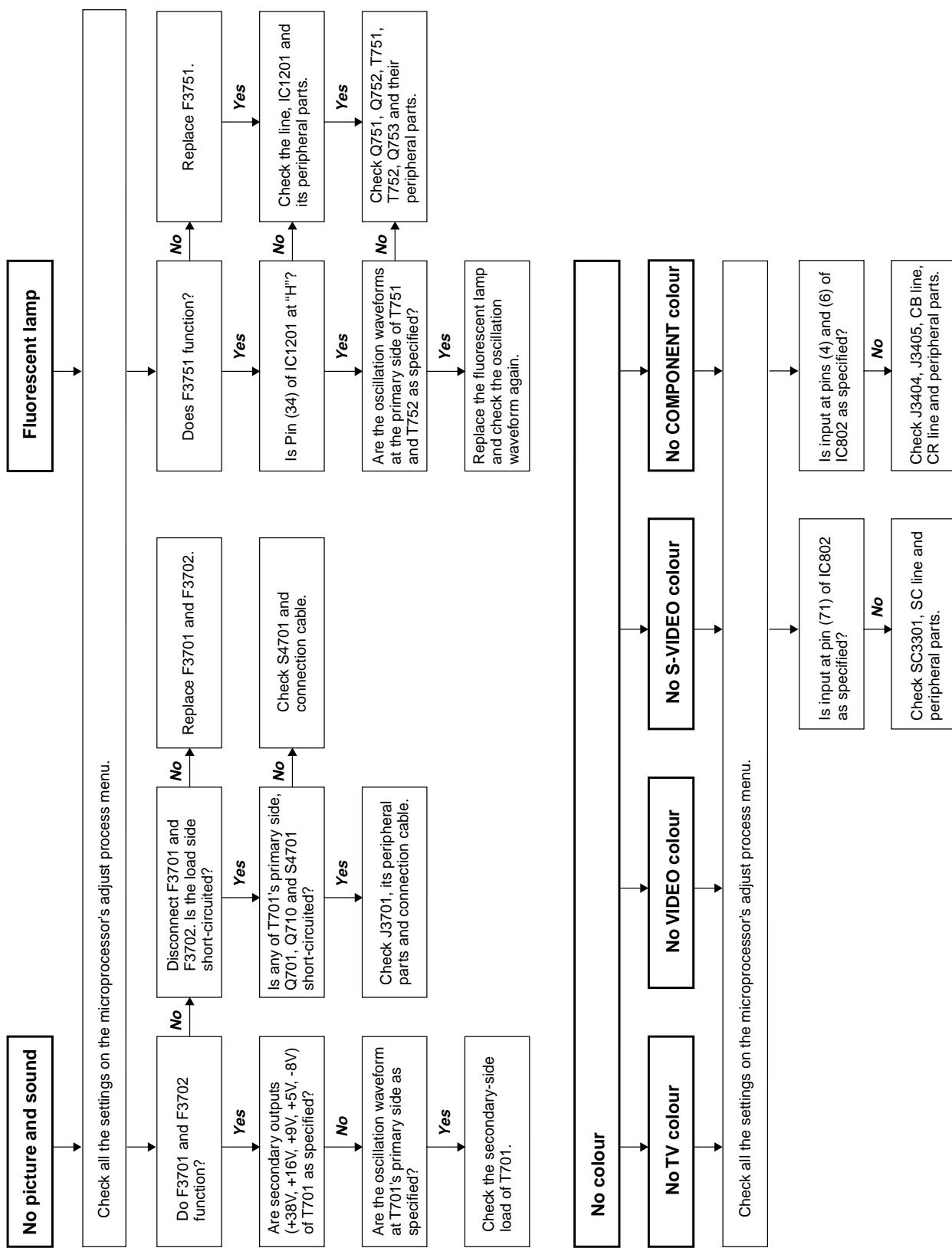
5. Shipping setting list

Channel	1ch
Skip Data	Off
Volume	20
Contrast	30
Tint	0
Colour	0
Black Level	0
SHARP	0
RED-BLUE	0
GREEN	0
TV Colour System	Auto
AV Colour System	Auto
Language	English
Blue Screen (Back)	Off
Sleep Timer	None
NICAM	On
IGR	On
Brightness	Bright
Auto Power Off	Off
Upside	Normal
Right/Left	Normal
AV1	Normal
AV2 IN/OUT	In

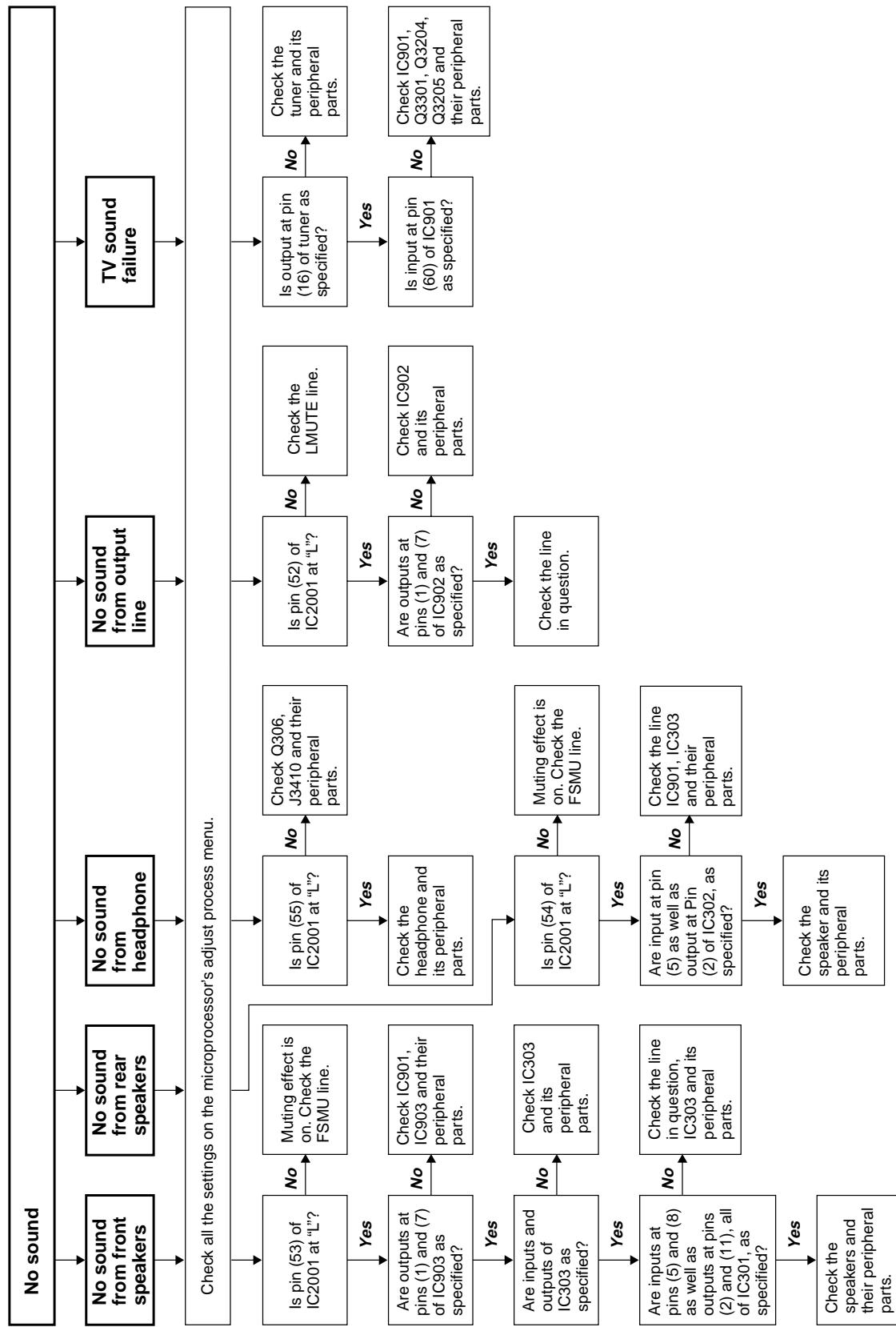
TROUBLE SHOOTING TABLE



TROUBLE SHOOTING TABLE (Continued)



TROUBLE SHOOTING TABLE (Continued)



DESCRIPTION OF SCHEMATIC DIAGRAM

VOLTAGE MEASUREMENT CONDITION:

- When the exclusive-use AC adapter is used, the colour bar signal of colour bar generator for service is input to get the normal screen. When the audio is minimized, the voltage value is measured with the 20 kΩ/V tester.

WAVEFORM MEASUREMENT CONDITION:

- When the exclusive-use AC adapter is used, the colour density, lightness and colour hue are set to the center position, and the signal of colour bar generator for service is observed to get waveform.

INDICATION OF RESISTOR & CAPACITOR:

RESISTOR

- The unit of resistance “Ω” is omitted.
(K=kΩ=1000 Ω, M=MΩ).
- All resistors are ± 5%, unless otherwise noted.
(J= ± 5%, F= ± 1%, D= ± 0.5%)
- All resistors are Carbon type, unless otherwise noted.
Ⓐ: Solid Ⓑ: Cement
Ⓑ: Oxide Film Ⓒ: Special
Ⓝ: Metal Coating

CAPACITOR

- All capacitors are mF, unless otherwise noted.
(P=pF=mmF).
- All capacitors are Ceramic type, unless otherwise noted.
(ML) : Mylar (TA) : Tantalum
(PF) : Polypro Film (ST) : Styrol

CAUTION:

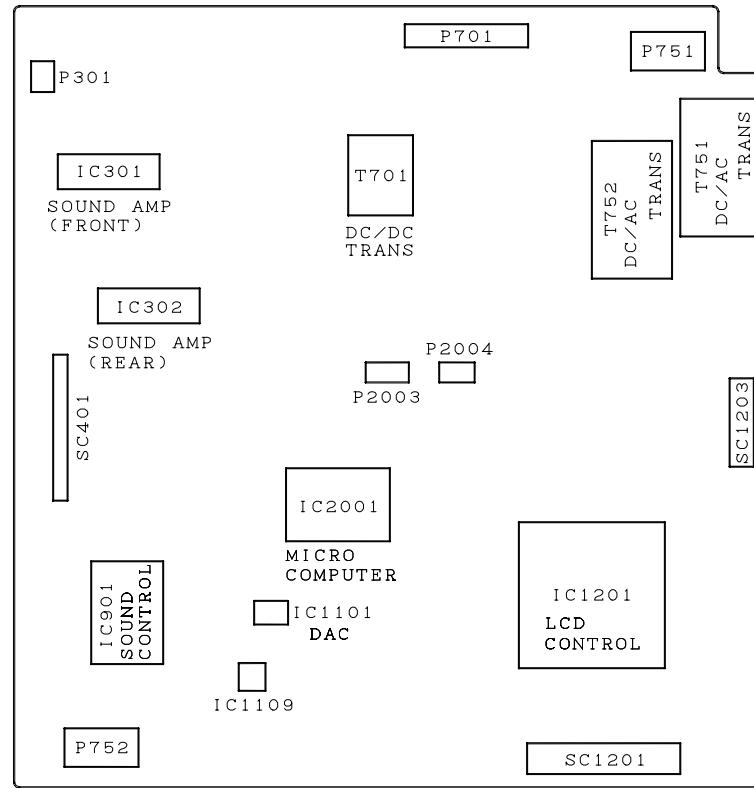
This circuit diagram is original one, therefore there may be a slight difference from yours.

IMPORTANT SAFETY NOTICE:

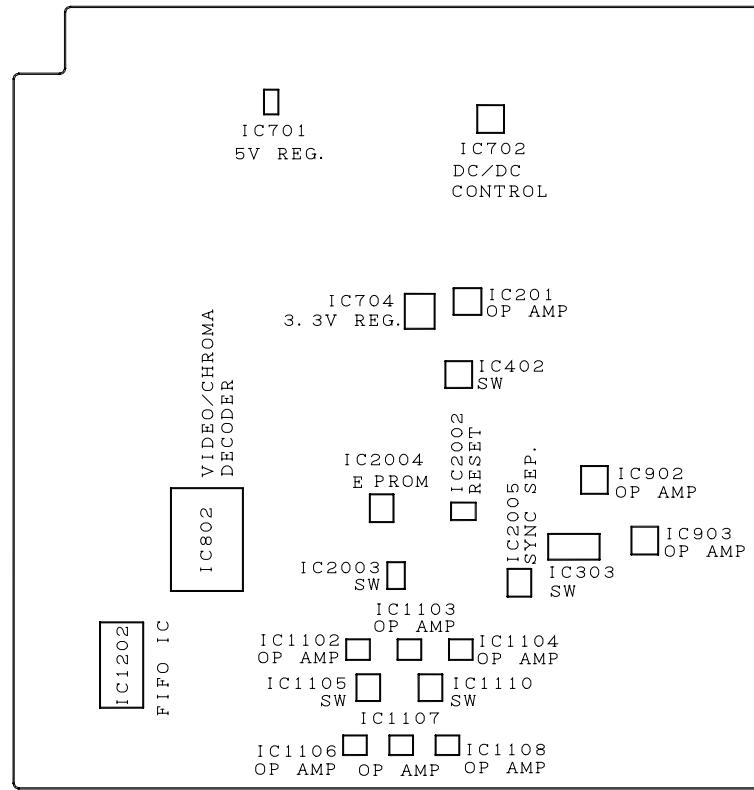
PARTS MARKED WITH “⚠” (█) ARE IMPORTANT FOR MAINTAINING THE SAFETY OF THE SET. BE SURE TO REPLACE THESE PARTS WITH SPECIFIED ONES FOR MAINTAINING THE SAFETY AND PERFORMANCE OF THE SET.

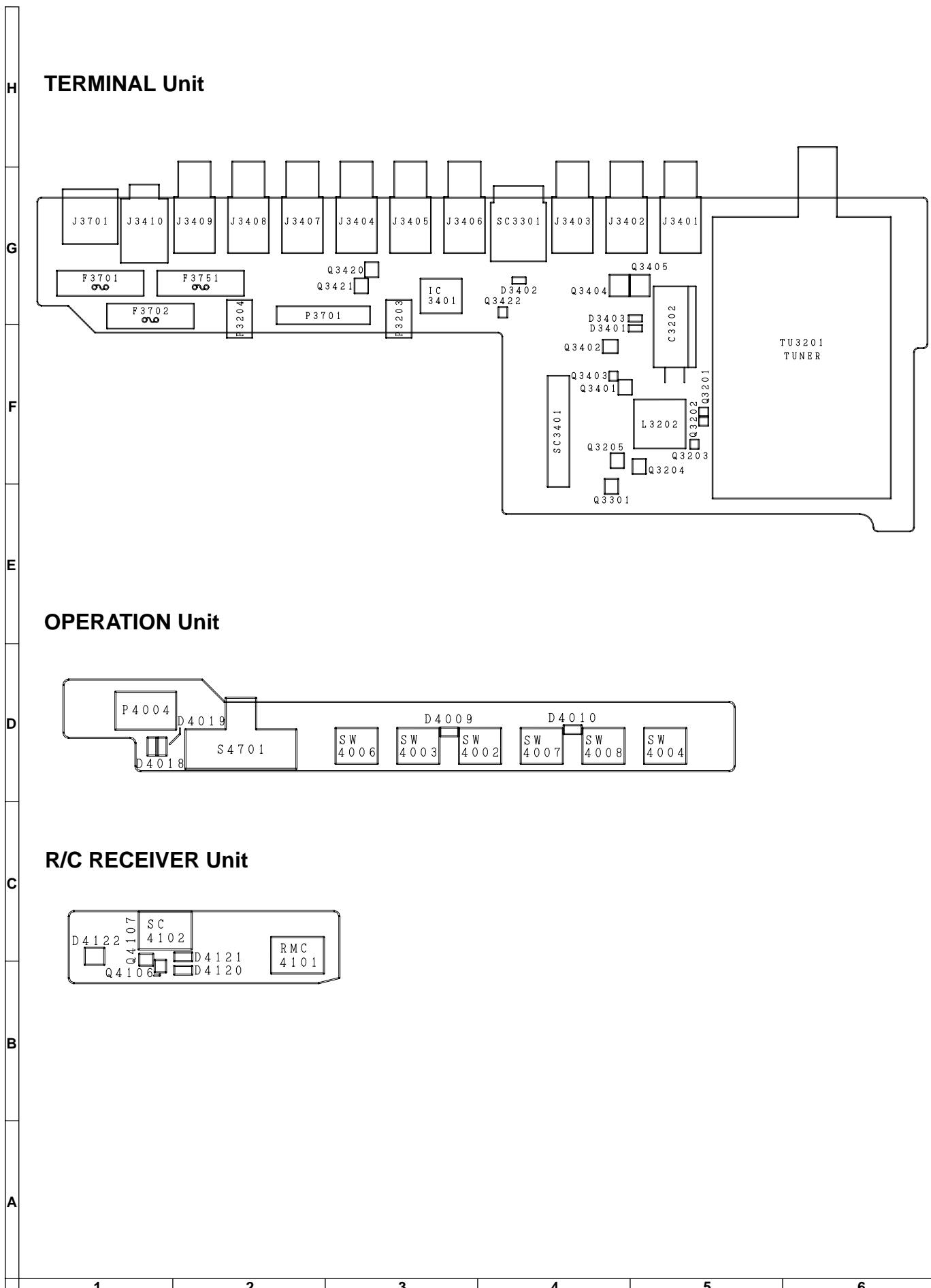
CHASSIS LAYOUT

MAIN Unit (Side-A)

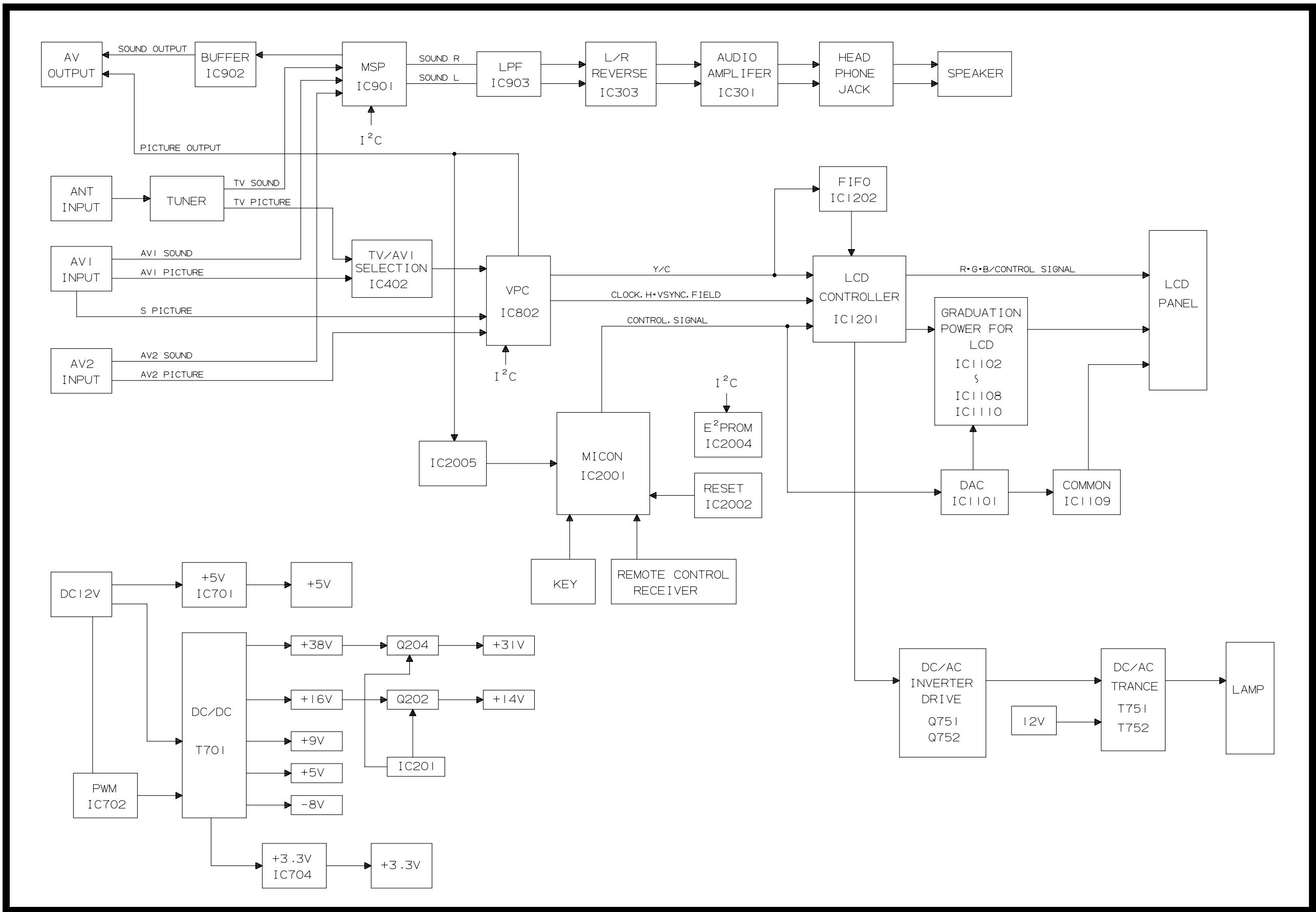


MAIN Unit (Side-B)



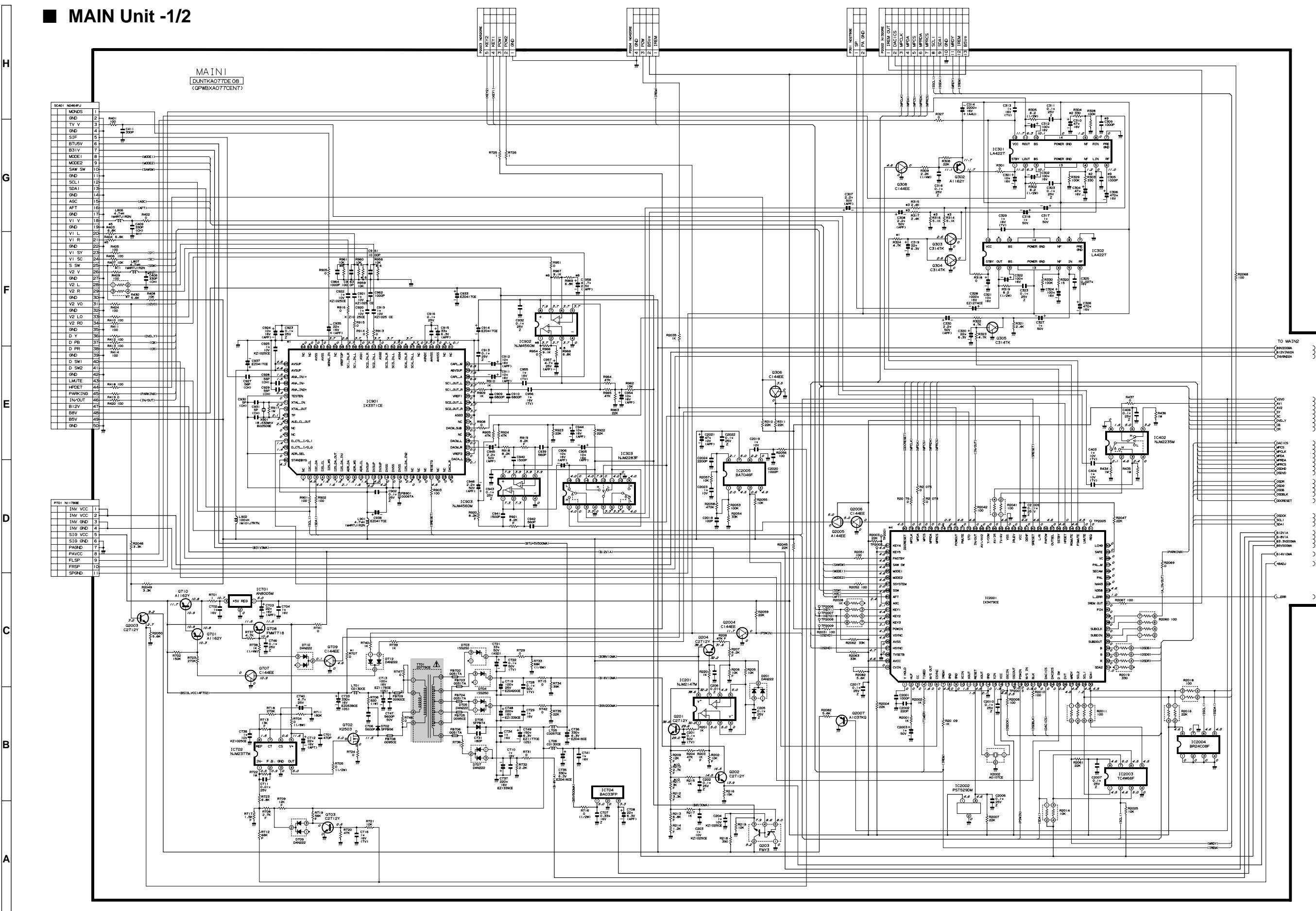


BLOCK DIAGRAM

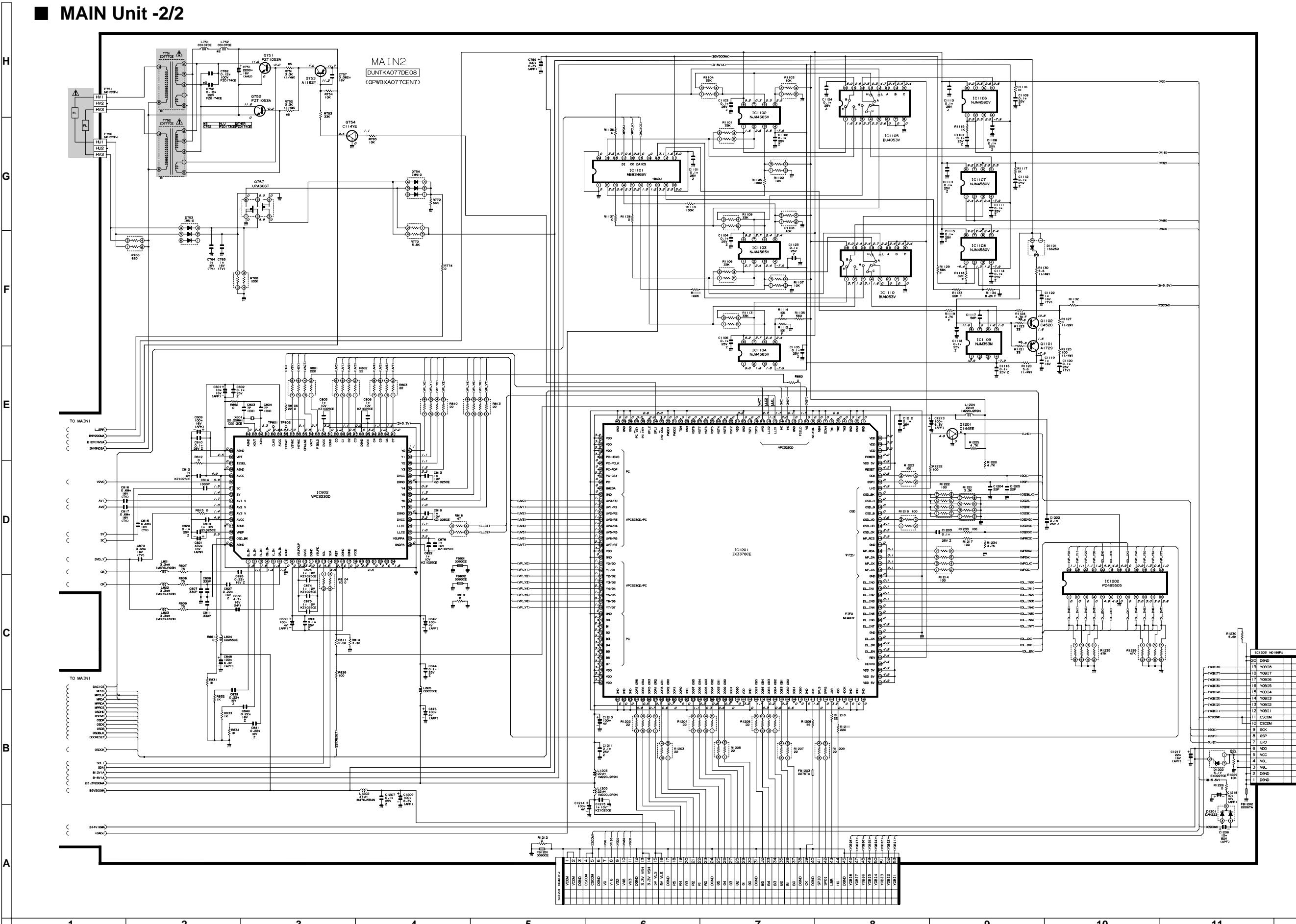


1	2	3	4	5	6	7	8	9	10	11	12
---	---	---	---	---	---	---	---	---	----	----	----

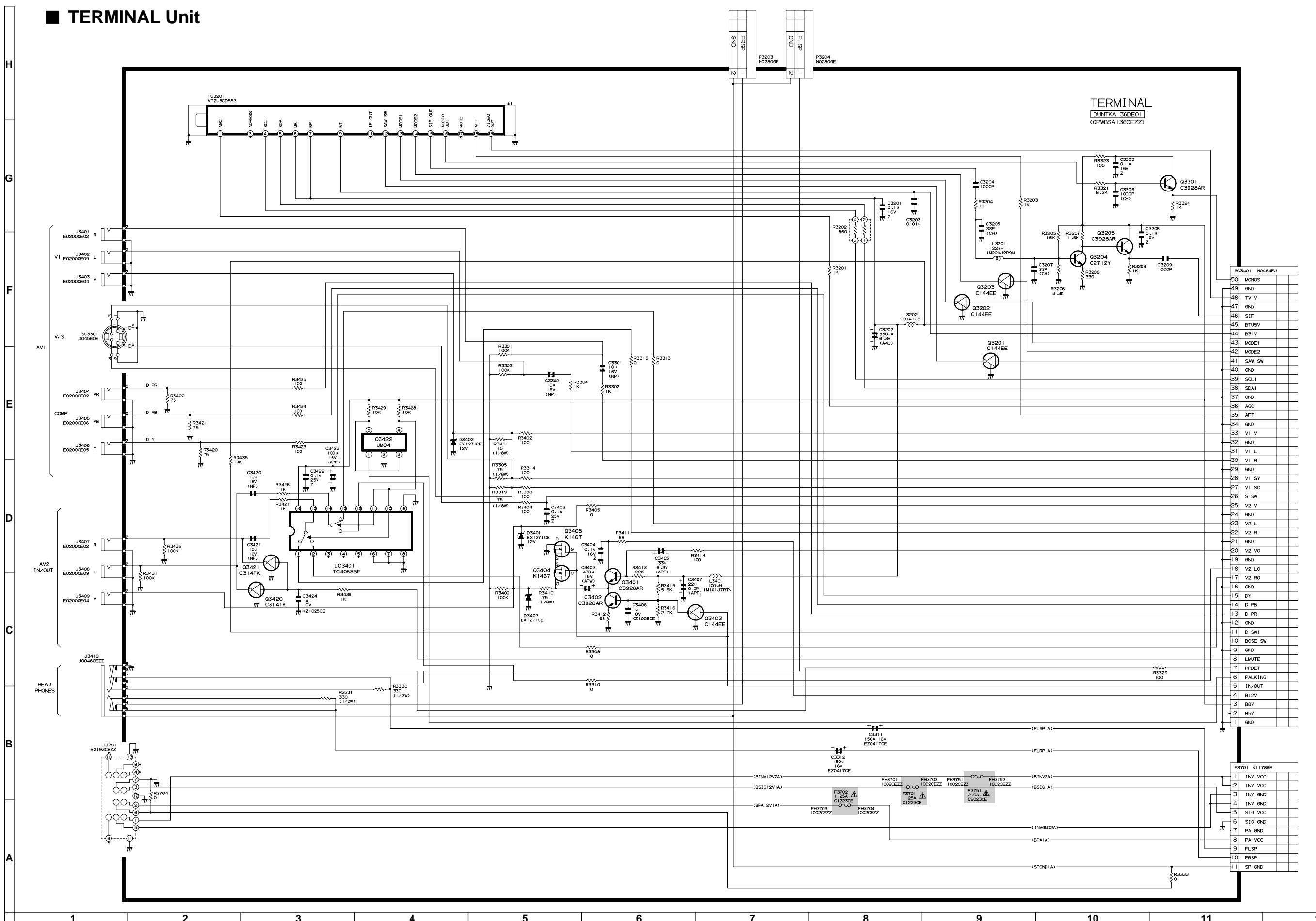
■ MAIN Unit -1/2



■ MAIN Unit -2/2

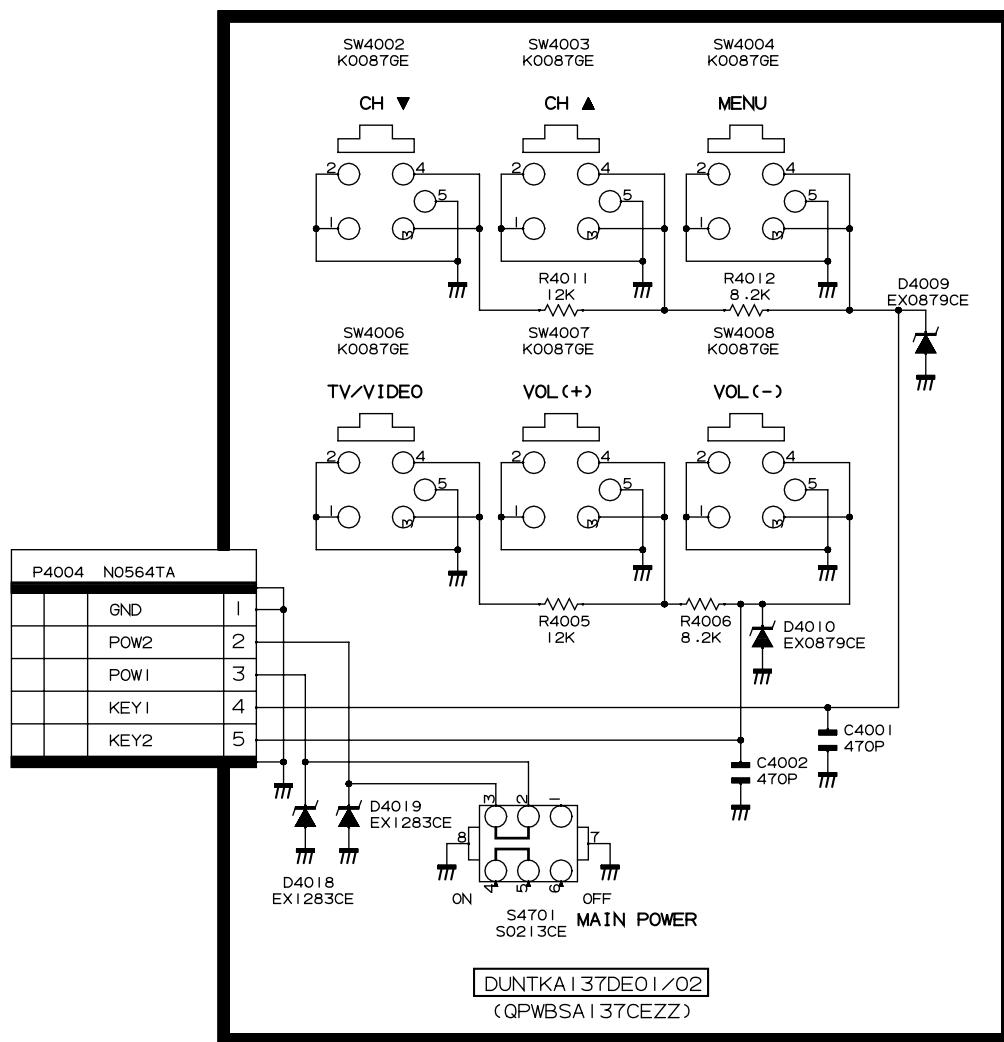


■ TERMINAL Unit

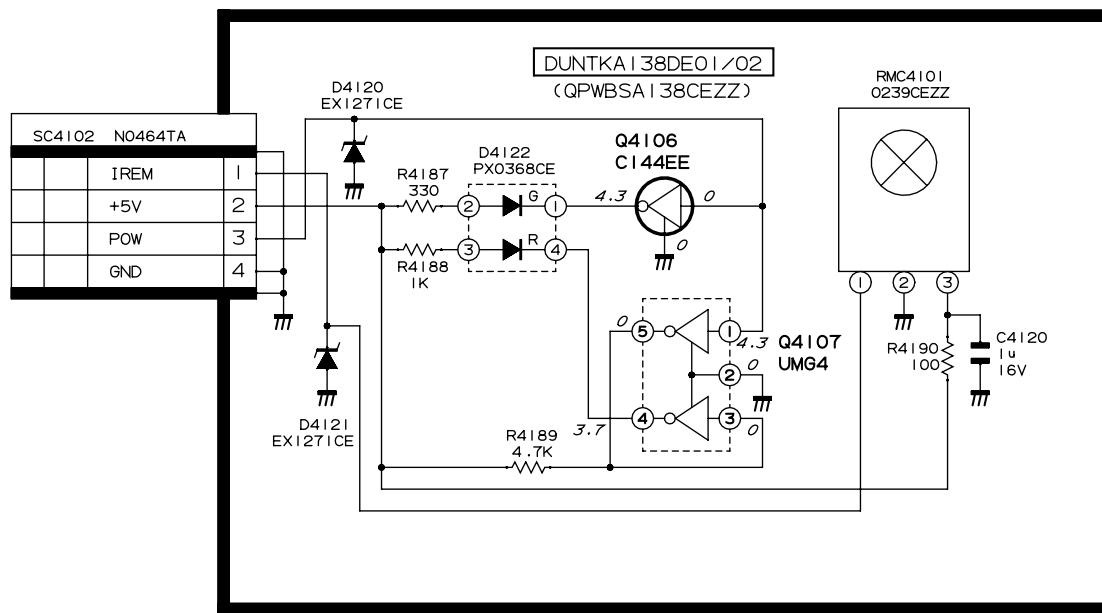


■ OPERATION and R/C RECEIVER Unit

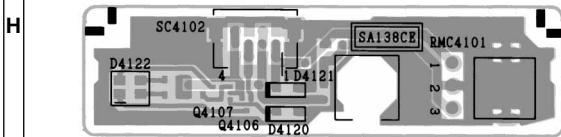
OPERATION



R/C RECEIVER



PRINTED WIRING BOARD ASSEMBLIES



**R/C Receiver Unit
(Component Side)**

H

G

F

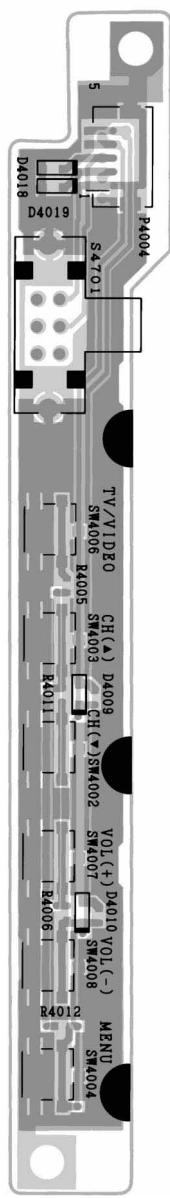
E

D

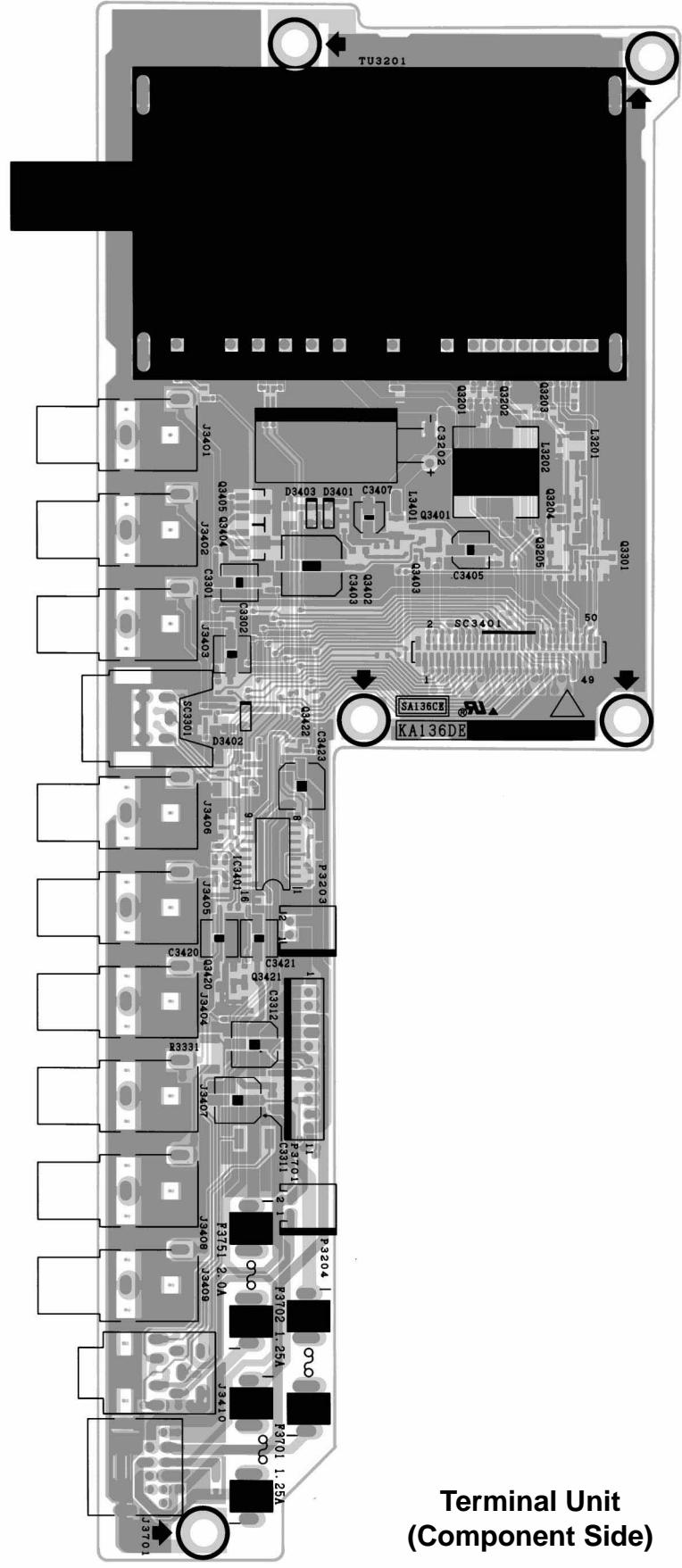
C

B

A



Operation Unit (Component Side)



**Terminal Unit
(Component Side)**

1

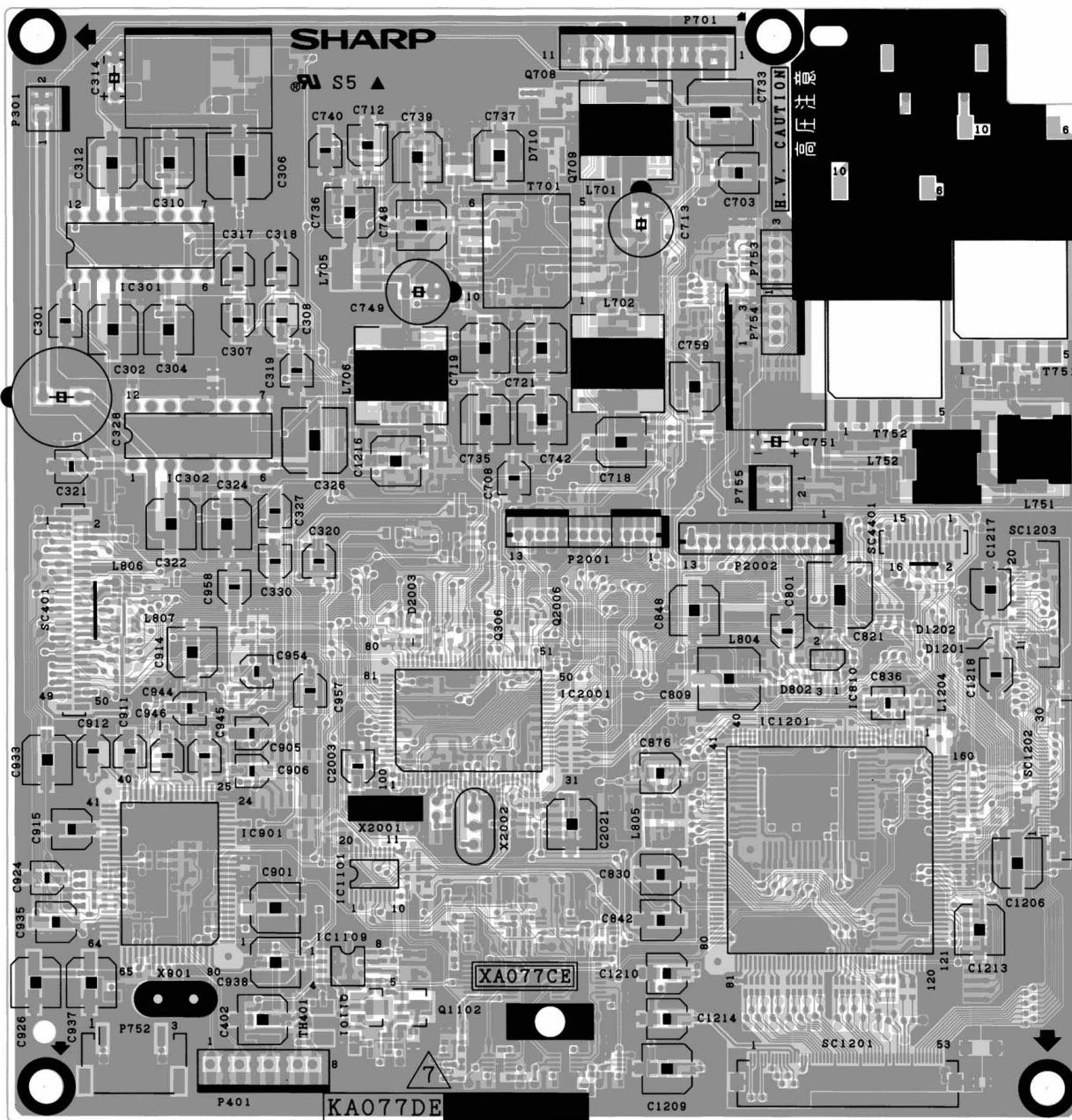
2

3

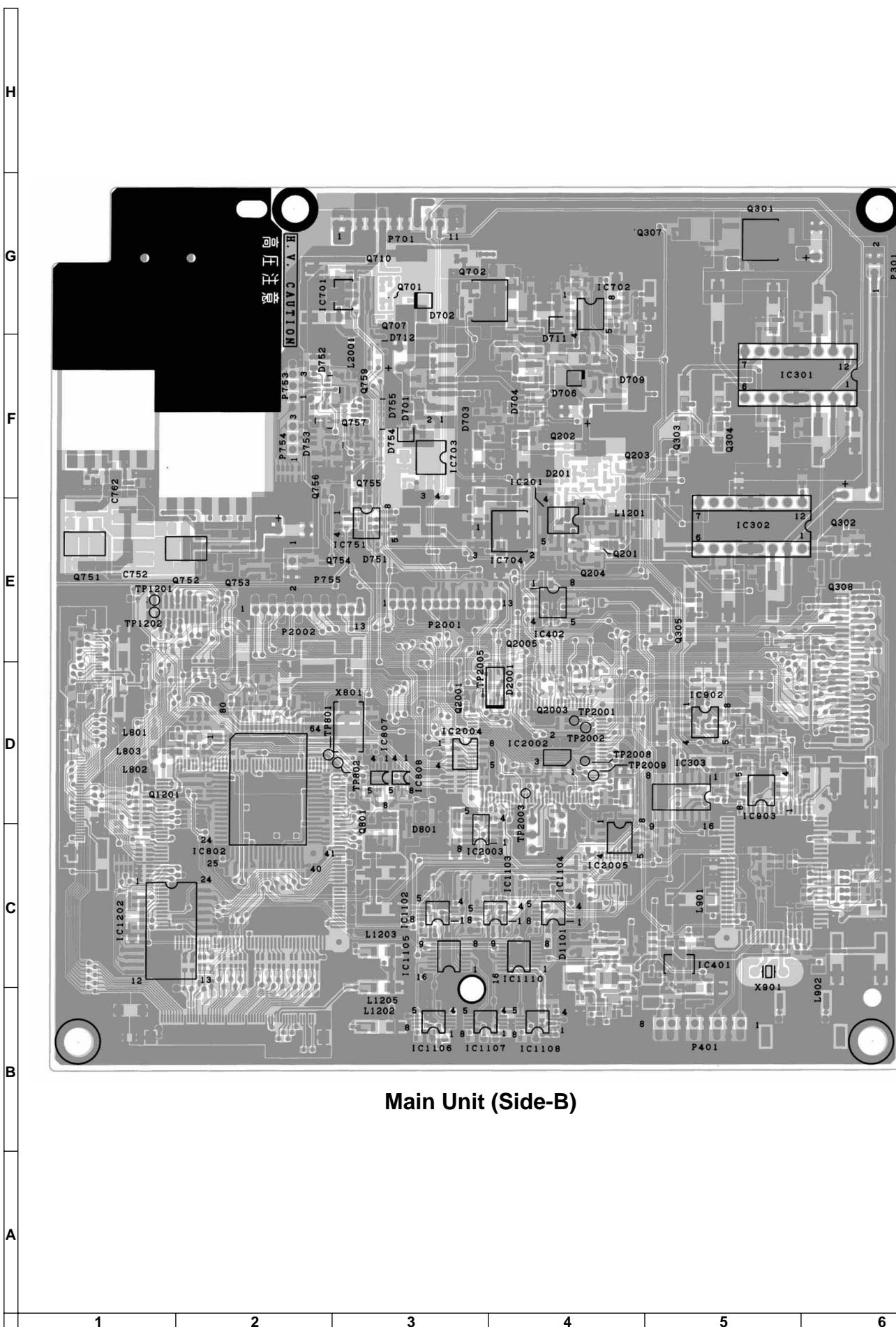
4

5

6



Main Unit (Side-A)



PARTS LIST

PARTS REPLACEMENT

Replacement parts which have these special safety characteristics identified in this manual: electrical components having such features are identified by "Δ" in the Replacement Parts Lists.

The use of a substitute replacement part which does not have the same safety characteristics as the factory recommended replacement parts shown in this service manual may create shock, fire or other hazards.

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following informations.

- | | |
|-----------------|----------------|
| 1. MODEL NUMBER | 2. REF. NO. |
| 3. PART NO. | 4. DESCRIPTION |

MARK ★: SPARE PARTS-DELIVERY SECTION

Ref. No.	Part No.	★	Description	Code
----------	----------	---	-------------	------

PRINTED WIRING BOARD ASSEMBLIES (NOT REPLACEMENT ITEM)

DUNTKA077FE08	- MAIN Unit	—
DUNTKA136DE02	- TERMINAL Unit	—
DUNTKA137DE02	- OPERATION Unit	—
DUNTKA138DE02	- R/C RECEIVER Unit	—

LCD PANEL

NOTE: THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.
RLCDT0058CEZZ J LCD Module Unit DQ

DUNTKA077FE08 MAIN UNIT

INTEGRATED CIRCUITS

IC201	VHiNM2147M-1	J NJM2147M-TE1	AF
IC301	VHILA4227//1	J LA4227	AG
IC302	VHILA4227//1	J LA4227	AG
IC303	VHiNM2283F-1	J NJM2283M	AF
IC402	VHiNM2235M-1	J NJM2235M	AE
IC701	VHIAN8005M-1	J AN8005M	AD
IC702	VHiNM2377M-1	J NJM2377M	AK
IC704	VHiBA033FP/-1	J BA033FP-E2	AG
IC802	VHiVPC3230D-1	J VPC3230D-QA-B2	BG
IC901	RH-iX3371CEZZ	J MSP3410G-QA-B5	BD
IC902	VHiNM4560M-1	J NJM4560M	AG
IC903	VHiNM4560M-1	J NJM4560M	AG
IC1101	VHiMB8346BV-1	J MB88346BPFV	AN
IC1102	VHiNM4565V-1	J NJM4565V	AF
IC1103	VHiNM4565V-1	J NJM4565V	AF
IC1104	VHiNM4565V-1	J NJM4565V	AF
IC1105	VHiBU4053V/-1	J BU4053BCFV-E2	AE
IC1106	VHiNM4580V-1	J NJM4580V	AE
IC1107	VHiNM4580V-1	J NJM4580V	AE
IC1108	VHiNM4580V-1	J NJM4580V	AE
IC1109	VHiNM353M-1	J NJM353M	AG
IC1110	VHiBU4053V/-1	J BU4053BCFV-E2	AE
IC1201	RH-iX3378CEZZ	J LR38797	AY

Ref. No.	Part No.	★	Description	Code
IC1202	VHiPD485505-2	J	UPD485505G-25	AY
IC2001	RH-iX3479CEZZ	J	I.C.	BA
IC2002	VHiPST529DM-1	J	PST529DMT	AE
IC2003	VHiTC4W66F/-1	J	TC4W66F	AE
IC2004	VHiBR24C08F-1	J	BR24C08F-E2	AF
IC2005	VHiBA7046F/-1	J	BA7046F	AF

TRANSISTORS

Q201	VS2SC2712Y/-1	J	2SC2712Y	AB
Q202	VS2SC2712Y/-1	J	2SC2712Y	AB
Q203	VSFMY3///-1	J	FMY3	AB
Q204	VS2SC2712Y/-1	J	2SC2712Y	AB
Q302	VS2SA1162Y/-1	J	2SA1162Y	AB
Q303	VSDTC314TK/-1	J	DTC314TK	AC
Q304	VSDTC314TK/-1	J	DTC314TK	AC
Q305	VSDTC314TK/-1	J	DTC314TK	AC
Q306	VSDTC144EE/-1	J	DTC144EE	AA
Q308	VSDTC144EE/-1	J	DTC144EE	AA
Q701	VS2SA1162Y/-1	J	2SA1162Y	AB
Q702	VS2SK2503//1	J	2SK2503	AE
Q703	VS2SC2712Y/-1	J	2SC2712Y	AB
Q707	VSDTC144EE/-1	J	DTC144EE	AA
Q708	VSFMMT718//1	J	FMMT718	AE
Q709	VSDTC144EE/-1	J	DTC144EE	AA
Q710	VS2SA1162Y/-1	J	2SA1162Y	AB
Q751	VSFZT1053A/-1	J	FZT1053A	AG
Q752	VSFZT1053A/-1	J	FZT1053A	AG
Q753	VS2SA1162Y/-1	J	2SA1162Y	AB
Q754	VSDTC114YE/-1	J	DTC114YE	AB
Q757	VSUPA606T//1	J	UPA606T	AD
Q1101	VS2SA1729//1	J	2SA1729	AF
Q1102	VS2SC4520//1	J	2SC4520	AE
Q1201	VSDTC144EE/-1	J	DTC144EE	AA
Q2003	VS2SC2712Y/-1	J	2SC2712Y	AB
Q2004	VSDTC144EE/-1	J	DTC144EE	AA
Q2005	VSDTA144EE/-1	J	DTC144EE	AA
Q2006	VSDTC144EE/-1	J	DTC144EE	AA

DIODES

D201	VHDDAN222//1	J	Diode	AA
D702	VHDSFPB56//2E	J	Diode	AC
D703	VHD1SS250//1E	J	Diode	AB
D704	VHD1SS250//1E	J	Diode	AB
D705	VHDDAN222//1	J	Diode	AA
D706	VHDSFPB74//2E	J	Diode	AD
D707	VHDDAN222//1	J	Diode	AA
D709	VHDDAN222//1	J	Diode	AA
D710	VHDDAN222//1	J	Diode	AA
D712	VHDDAN222//1	J	Diode	AA
D753	VHDIMN10///-1	J	Diode	AB
D754	VHDIMN10///-1	J	Diode	AB
D1101	VHD1SS250//1E	J	Diode	AB
D1201	VHDDAN222//1	J	Diode	AA
D1202	RH-EX0227CEZZ	J	Zener Diode	AB

PACKAGED CIRCUITS

X801	RCRSC0012CEZZ	J	Crystal	AH
X901	RCRSB0250GEZZ	J	Crystal	AG
X2002	RFILA0107CEZZ	J	Filter	AD

COILS

L701	RCILC0130CEZZ	J	Coil	AG
L705	RCILC0057CEZZ	J	Coil	AD
L706	RCILC0130CEZZ	J	Coil	AG
L751	RCILC0107CEZZ	J	Coil	AF
L752	RCILC0107CEZZ	J	Coil	AF
L801	VP-1M3R3JR93N	J	Peaking 3.3μH	AB
L802	VP-1M3R3JR93N	J	Peaking 3.3μH	AB
L803	VP-1M3R3JR93N	J	Peaking 3.3μH	AB
L804	RCILC0055CEZZ	J	Coil	AD
L805	RCILC0055CEZZ	J	Coil	AD
L806	VP-1M4R7J1R2N	J	Peaking 4.7μH	AB
L807	VP-1M4R7J1R2N	J	Peaking 4.7μH	AB
L901	VP-1M4R7J1R2N	J	Peaking 4.7μH	AB
L902	VP-1M101J7R7N	J	Peaking 100μH	AC

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code	
DUNTKA077FE08										
MAIN UNIT (Continued)										
L1202	VP-1M470J5R4N	J	Peaking 47μH	AC	C734	VCKYTV1CF105Z	J	1.0	16V Ceramic	AB
L1203	VP-1M220J2R9N	J	Peaking 22μH	AC	C735	RC-EZ0416CEZZ	J	330	6.3V Electrolytic	AD
L1204	VP-1M220J2R9N	J	Peaking 22μH	AC	C736	RC-EZ0416CEZZ	J	330	6.3V Electrolytic	AD
L1205	VP-1M220J2R9N	J	Peaking 22μH	AC	C737	RC-EZ1339CEZZ	J	220	16V Electrolytic	AD
TRANSFORMERS										
△ T701	RTRNZ0778CEZZ	J	Transformer	AM	C738	RC-KZ1025CEZZ	J	1.0	10V Ceramic	AB
△ T751	RTRNZ0777CEZZ	J	Transformer	AM	C740	VCEAPF1EN475M	J	4.7	25V Electrolytic	AC
△ T752	RTRNZ0777CEZZ	J	Transformer	AM	C741	VCKYTV1CF105Z	J	1.0	16V Ceramic	AB
CAPACITORS										
C201	VCKYTV1HF104Z	J	0.1 50V Ceramic	AA	C746	VCKYCY1EF104Z	J	0.1	25V Ceramic	AA
C202	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	C747	VCKYTV1HB562K	J	5600p	50V Ceramic	AA
C203	RC-KZ1025CEZZ	J	1.0 10V Ceramic	AB	C748	RC-EZ1339CEZZ	J	220	16V Electrolytic	AD
C204	RC-KZ1025CEZZ	J	1.0 10V Ceramic	AB	C749	RC-EZ1177CEZZ	J	150	6.3V Electrolytic	AH
C205	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	C751	VCEA4U1CN228M	J	2200	16V Electrolytic	AE
C206	VCKYCY1HF103Z	J	0.01 50V Ceramic	AA	C752	RC-FZ0174CEZZ	J	0.12	100V Polypro Film	AG
C301	VCEAPF1CN106M	J	10 16V Electrolytic	AD	C757	VCKYCY1CB823K	J	0.082	16V Ceramic	AH
C302	VCEAPF1CN107M	J	100 16V Electrolytic	AD	C759	VCEAPF0JN107M	J	100	6.3V Electrolytic	AD
C303	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	C762	RC-FZ0174CEZZ	J	0.12	100V Polypro Film	AG
C304	VCEAPF1CN476M	J	47 16V Electrolytic	AD	C764	VCKYTV1CF105Z	J	1.0	16V Ceramic	AB
C305	VCKYCY1HB102K	J	1000p 50V Ceramic	AA	C765	VCKYTV1CF105Z	J	1.0	16V Ceramic	AB
C306	VCEAPW1CN477M	J	470 16V Electrolytic	AE	C801	VCEAPF1CN106M	J	10	16V Electrolytic	AD
C307	VCEAPF1HN225M	J	2.2 50V Electrolytic	AD	C802	VCKYCY1EF104Z	J	0.1	25V Ceramic	AA
C308	VCEAPF1HN225M	J	2.2 50V Electrolytic	AD	C803	VCCCCY1HH7R0D	J	7.0p	50V Ceramic	AA
C309	VCKYCY1HB102K	J	1000p 50V Ceramic	AA	C804	VCCCCY1HH7R0D	J	7.0p	50V Ceramic	AA
C310	VCEAPF1CN476M	J	47 16V Electrolytic	AD	C805	RC-KZ1025CEZZ	J	1.0	10V Ceramic	AB
C311	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	C806	RC-KZ1025CEZZ	J	1.0	10V Ceramic	AB
C312	VCEAPF1CN107M	J	100 16V Electrolytic	AD	C807	VCKYCY1HB331K	J	330p	50V Ceramic	AA
C313	VCKYTV1CF105Z	J	1.0 16V Ceramic	AB	C808	VCKYCY1HB331K	J	330p	50V Ceramic	AA
C314	VCEA4U1CN228M	J	2200 16V Electrolytic	AE	C809	VCEAPK1CN107M	J	100	16V Electrolytic	AD
C316	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	C810	VCKYCY1EF104Z	J	0.1	25V Ceramic	AA
C317	VCEAPF1HN105M	J	1.0 50V Electrolytic	AD	C811	VCKYCY1HB331K	J	330p	50V Ceramic	AA
C318	VCEAPF1HN105M	J	1.0 50V Electrolytic	AD	C812	RC-KZ1025CEZZ	J	1.0	10V Ceramic	AB
C319	VCEAPF0JN226M	J	22 6.3V Electrolytic	AD	C813	RC-KZ1025CEZZ	J	1.0	10V Ceramic	AB
C320	VCEAPF0JN226M	J	22 6.3V Electrolytic	AD	C814	VCKYCY1HB102K	J	1000p	50V Ceramic	AA
C321	VCEAPF1CN106M	J	10 16V Electrolytic	AD	C815	VCKYTV1CF684Z	J	0.68	16V Ceramic	AB
C322	VCEAPF1CN107M	J	100 16V Electrolytic	AD	C816	VCKYTV1CF684Z	J	0.68	16V Ceramic	AB
C323	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	C817	VCKYTV1CF684Z	J	0.68	16V Ceramic	AB
C324	VCEAPF1CN107M	J	100 16V Electrolytic	AD	C818	RC-KZ1025CEZZ	J	1.0	10V Ceramic	AB
C325	VCKYCY1CB273K	J	0.027 16V Ceramic	AA	C819	RC-KZ1025CEZZ	J	1.0	10V Ceramic	AB
C326	VCEAPW1CN477M	J	470 16V Electrolytic	AE	C820	VCKYCY1EF104Z	J	0.1	25V Ceramic	AA
C327	VCEAPF1HN105M	J	1.0 50V Electrolytic	AD	C821	VCEAPW1CN477M	J	470	16V Electrolytic	AE
C328	RC-EZ1274CEZZ	J	1000 16V Electrolytic	AD	C822	RC-KZ1025CEZZ	J	1.0	10V Ceramic	AB
C329	VCKYTV1CF105Z	J	1.0 16V Ceramic	AB	C825	RC-KZ1025CEZZ	J	1.0	10V Ceramic	AB
C330	VCEAPF1HN225M	J	2.2 50V Electrolytic	AD	C826	VCKYCY1CF224Z	J	0.22	16V Ceramic	AA
C403	VCKYTV1AB105K	J	1.0 10V Ceramic	AD	C827	VCKYCY1CF224Z	J	0.22	16V Ceramic	AA
C404	VCKYTV1AB105K	J	1.0 10V Ceramic	AD	C830	VCEAPF0GW107M	J	100	4.0V Electrolytic	AC
C406	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	C831	VCKYCY1EF104Z	J	0.1	25V Ceramic	AA
C408	VCCCCY1HH331J	J	330p 50V Ceramic	AA	C836	VCE9PF1CN475M	J	4.7	16V Elect. (N.P.)	AD
C409	VCCCCY1HH331J	J	330p 50V Ceramic	AA	C839	VCKYCY1CF224Z	J	0.22	16V Ceramic	AA
C411	VCCCCY1HH331J	J	330p 50V Ceramic	AA	C840	VCKYCY1CF224Z	J	0.22	16V Ceramic	AA
C701	VCCCCY1HH471J	J	470p 50V Ceramic	AA	C841	VCKYCY1CF224Z	J	0.22	16V Ceramic	AA
C702	VCKYTV1CF105Z	J	1.0 16V Ceramic	AB	C842	VCEAPF0GW107M	J	100	4.0V Electrolytic	AC
C703	VCEAPF1CN226M	J	22 16V Electrolytic	AD	C844	VCKYCY1EF104Z	J	0.1	25V Ceramic	AA
C704	VCKYTV1CF105Z	J	1.0 16V Ceramic	AB	C848	VCEAPF0JW107M	J	100	6.3V Electrolytic	AC
C706	VCKYCY1HB562K	J	5600p 50V Ceramic	AA	C874	RC-KZ1025CEZZ	J	1.0	10V Ceramic	AB
C707	VCKYCY1CF334Z	J	0.33 16V Ceramic	AA	C875	RC-KZ1025CEZZ	J	1.0	10V Ceramic	AB
C708	VCEAPF0JN226M	J	22 6.3V Electrolytic	AD	C876	VCEAPF0GW107M	J	100	4.0V Electrolytic	AC
C710	VCKYTV1CF105Z	J	1.0 16V Ceramic	AB	C878	RC-KZ1025CEZZ	J	1.0	10V Ceramic	AB
C711	VCKYCY1EB103K	J	0.01 25V Ceramic	AA	C879	VCKYTV1CF684Z	J	0.68	16V Ceramic	AB
C712	VCEAPF1CN226M	J	22 16V Electrolytic	AC	C902	VCKYCY1EF104Z	J	0.1	25V Ceramic	AA
C713	RC-EZ1176CEZZ	J	100 16V Electrolytic	AK	C905	VCEAPF1CW106M	J	10	16V Electrolytic	AB
C716	VCKYTV1CF105Z	J	1.0 16V Ceramic	AB	C906	VCEAPF1CW106M	J	10	16V Electrolytic	AB
C719	RC-EZ0420CEZZ	J	100 25V Electrolytic	AE	C909	VCKYCY1HB682K	J	6800p	50V Ceramic	AA
C721	VCEASD1HN336M	J	33 50V Electrolytic	AD	C910	VCKYCY1HB682K	J	6800p	50V Ceramic	AA
C722	VCKYTV1HF104Z	J	0.1 50V Ceramic	AA	C911	VCEAPF1CW106M	J	10	16V Electrolytic	AB
C728	VCKYTV1HF104Z	J	0.1 50V Ceramic	AA	C912	VCEAPF1CW106M	J	10	16V Electrolytic	AB
C729	VCKYTV1CF105Z	J	1.0 16V Ceramic	AB	C913	VCKYCY1EF104Z	J	0.1	25V Ceramic	AA
C731	VCCCCY1HH181J	J	180p 50V Ceramic	AA	C914	RC-EZ0417CEZZ	J	150	16V Electrolytic	AD
C733	RC-EZ0538CEZZ	J	330 16V Electrolytic	AE	C915	VCEAPF0JW336M	J	33	6.3V Electrolytic	AB
					C916	VCKYCY1EF104Z	J	0.1	25V Ceramic	AA
					C919	RC-KZ1025CEZZ	J	1.0	10V Ceramic	AB
					C920	RC-KZ1025CEZZ	J	1.0	10V Ceramic	AB
					C921	RC-KZ1025CEZZ	J	1.0	10V Ceramic	AB
					C922	RC-KZ1025CEZZ	J	1.0	10V Ceramic	AB
					C923	VCKYCY1EF104Z	J	0.1	25V Ceramic	AA
					C924	VCEAPF1CW106M	J	10	16V Electrolytic	AB
					C925	RC-KZ1025CEZZ	J	1.0	10V Ceramic	AB

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKA077FE08									
MAIN UNIT (Continued)									
C927	VCCCCY1HH560J	J 56p	50V Ceramic	AA	C2010	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C928	VCCCCY1HH560J	J 56p	50V Ceramic	AA	C2016	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C929	VCCCCY1HH560J	J 56p	50V Ceramic	AA	C2017	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C930	VCCCCY1HH5R0C	J 5.0p	50V Ceramic	AA	C2018	VCCCCY1HH101J	J 100p	50V Ceramic	AA
C931	VCCCCY1HH5R0C	J 5.0p	50V Ceramic	AA	C2019	VCKYTV1AB105K	J 1.0	10V Ceramic	AD
C932	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA	C2020	VCKYCY1HB102K	J 1000p	50V Ceramic	AA
C933	RC-EZ0417CEZZ	J 150	16V Electrolytic	AD	C2021	VCEAPF1AW476M	J 47	10V Electrolytic	AB
C935	VCEAPF1CW226M	J 22	16V Electrolytic	AB	C2022	VCKYCY1EF104Z	J 0.1	25V Ceramic	AA
C937	RC-EZ0417CEZZ	J 150	16V Electrolytic	AD	C2023	VCKYTV1AB105K	J 1.0	10V Ceramic	AD
C938	RC-EZ0417CEZZ	J 150	16V Electrolytic	AD	C2024	VCKYCY1HB222K	J 2200p	50V Ceramic	AA
RESISTORS									
R201	VRS-CY1JF102J	J 1.0k	1/16W Metal Oxide	AA	R201	VRS-CY1JF102J	J 1.0k	1/16W Metal Oxide	AA
R202	VRS-CY1JF103F	J 10k	1/16W Metal Oxide	AA	R202	VRS-CY1JF103F	J 10k	1/16W Metal Oxide	AA
R203	VRS-CY1JF102F	J 1.0k	1/16W Metal Oxide	AA	R203	VRS-CY1JF102F	J 1.0k	1/16W Metal Oxide	AA
R204	VRS-CY1JF473F	J 47k	1/16W Metal Oxide	AA	R204	VRS-CY1JF473F	J 47k	1/16W Metal Oxide	AA
R205	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA	R205	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
R206	VRS-CY1JF103F	J 10k	1/16W Metal Oxide	AA	R206	VRS-CY1JF103F	J 10k	1/16W Metal Oxide	AA
R207	VRS-CY1JF622F	J 6.2k	1/16W Metal Oxide	AA	R207	VRS-CY1JF622F	J 6.2k	1/16W Metal Oxide	AA
R208	VRS-CY1JF473F	J 47k	1/16W Metal Oxide	AA	R208	VRS-CY1JF473F	J 47k	1/16W Metal Oxide	AA
R209	VRS-CY1JF123F	J 12k	1/16W Metal Oxide	AA	R209	VRS-CY1JF123F	J 12k	1/16W Metal Oxide	AA
R210	VRS-CY1JF272F	J 2.7k	1/16W Metal Oxide	AA	R210	VRS-CY1JF272F	J 2.7k	1/16W Metal Oxide	AA
R211	VRS-CY1JF302F	J 3.0k	1/16W Metal Oxide	AA	R211	VRS-CY1JF302F	J 3.0k	1/16W Metal Oxide	AA
R212	VRS-CY1JF332F	J 3.3k	1/16W Metal Oxide	AA	R212	VRS-CY1JF332F	J 3.3k	1/16W Metal Oxide	AA
R213	VRS-CY1JF682F	J 6.8k	1/16W Metal Oxide	AA	R213	VRS-CY1JF682F	J 6.8k	1/16W Metal Oxide	AA
R214	VRS-CY1JF122F	J 1.2k	1/16W Metal Oxide	AA	R214	VRS-CY1JF122F	J 1.2k	1/16W Metal Oxide	AA
R215	VRS-CY1JF102J	J 1.0k	1/16W Metal Oxide	AA	R215	VRS-CY1JF102J	J 1.0k	1/16W Metal Oxide	AA
R216	VRS-CY1JF153J	J 15k	1/16W Metal Oxide	AA	R216	VRS-CY1JF153J	J 15k	1/16W Metal Oxide	AA
R217	VRS-CY1JF102J	J 1.0k	1/16W Metal Oxide	AA	R217	VRS-CY1JF102J	J 1.0k	1/16W Metal Oxide	AA
R218	VRS-CY1JF391J	J 390	1/16W Metal Oxide	AA	R218	VRS-CY1JF391J	J 390	1/16W Metal Oxide	AA
R219	VRS-TV1JD103J	J 10k	1/16W Metal Oxide	AA	R219	VRS-TV1JD103J	J 10k	1/16W Metal Oxide	AA
R220	VRS-CY1JF102J	J 1.0k	1/16W Metal Oxide	AA	R220	VRS-CY1JF102J	J 1.0k	1/16W Metal Oxide	AA
R301	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R301	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R302	VRS-TX2HF8R2J	J 8.2	1/2W Metal Oxide	AA	R302	VRS-TX2HF8R2J	J 8.2	1/2W Metal Oxide	AA
R303	VRS-CY1JF331J	J 330	1/16W Metal Oxide	AA	R303	VRS-CY1JF331J	J 330	1/16W Metal Oxide	AA
R304	VRS-CY1JF331J	J 330	1/16W Metal Oxide	AA	R304	VRS-CY1JF331J	J 330	1/16W Metal Oxide	AA
R305	VRS-TX2HF8R2J	J 8.2	1/2W Metal Oxide	AA	R305	VRS-TX2HF8R2J	J 8.2	1/2W Metal Oxide	AA
R308	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA	R308	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA
R309	VRS-TW2ED222J	J 2.2k	1/4W Metal Oxide	AA	R309	VRS-TW2ED222J	J 2.2k	1/4W Metal Oxide	AA
R310	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA	R310	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA
R311	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA	R311	VRS-CY1JF223J	J 22k	1/16W Metal Oxide	AA
R314	VRS-CY1JF512J	J 5.1k	1/16W Metal Oxide	AA	R314	VRS-CY1JF512J	J 5.1k	1/16W Metal Oxide	AA
R315	VRS-CY1JF242J	J 2.4k	1/16W Metal Oxide	AA	R315	VRS-CY1JF242J	J 2.4k	1/16W Metal Oxide	AA
R316	VRS-CY1JF512J	J 5.1k	1/16W Metal Oxide	AA	R316	VRS-CY1JF512J	J 5.1k	1/16W Metal Oxide	AA
R317	VRS-CY1JF242J	J 2.4k	1/16W Metal Oxide	AA	R317	VRS-CY1JF242J	J 2.4k	1/16W Metal Oxide	AA
R318	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R318	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R319	VRS-TX2HF8R2J	J 8.2	1/2W Metal Oxide	AA	R319	VRS-TX2HF8R2J	J 8.2	1/2W Metal Oxide	AA
R320	VRS-CY1JF150J	J 15	1/16W Metal Oxide	AA	R320	VRS-CY1JF150J	J 15	1/16W Metal Oxide	AA
R321	VRS-CY1JF242J	J 2.4k	1/16W Metal Oxide	AA	R321	VRS-CY1JF242J	J 2.4k	1/16W Metal Oxide	AA
R322	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA	R322	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA
R323	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA	R323	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA
R324	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA	R324	VRS-CY1JF472J	J 4.7k	1/16W Metal Oxide	AA
R327	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R327	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R328	VRS-CY1JF104J	J 100k	1/16W Metal Oxide	AA	R328	VRS-CY1JF104J	J 100k	1/16W Metal Oxide	AA
R329	VRS-CY1JF104J	J 100k	1/16W Metal Oxide	AA	R329	VRS-CY1JF104J	J 100k	1/16W Metal Oxide	AA
R330	VRS-CY1JF104J	J 100k	1/16W Metal Oxide	AA	R330	VRS-CY1JF104J	J 100k	1/16W Metal Oxide	AA
R401	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA	R401	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R402	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R402	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R403	VRS-CY1JF682J	J 6.8k	1/16W Metal Oxide	AA	R403	VRS-CY1JF682J	J 6.8k	1/16W Metal Oxide	AA
R404	VRS-CY1JF682J	J 6.8k	1/16W Metal Oxide	AA	R404	VRS-CY1JF682J	J 6.8k	1/16W Metal Oxide	AA
R405	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA	R405	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R406	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA	R406	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R407	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA	R407	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
R408	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA	R408	VRS-CY1JF103J	J 10k	1/16W Metal Oxide	AA
R409	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA	R409	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R410	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA	R410	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R411	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA	R411	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R412	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA	R412	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R413	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA	R413	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R414	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA	R414	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R418	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA	R418	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R419	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA	R419	VRS-CY1JF000J	J 0	1/16W Metal Oxide	AA
R420	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA	R420	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R424	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA	R424	VRS-CY1JF101J	J 100	1/16W Metal Oxide	AA
R430	VRS-CA1JF562J	J 5.6k	1/16W Metal Oxide	AA	R430	VRS-CA1JF562J	J 5.6k	1/16W Metal Oxide	AA

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKA077FE08									
MAIN UNIT (Continued)									
R434	VRS-CY1JF105J	J	1.0M 1/16W	Metal Oxide AA	R832	VRS-CY1JF102J	J	1.0k 1/16W	Metal Oxide AA
R435	VRS-CY1JF105J	J	1.0M 1/16W	Metal Oxide AA	R833	VRS-CY1JF102J	J	1.0k 1/16W	Metal Oxide AA
R436	VRS-CY1JF105J	J	1.0M 1/16W	Metal Oxide AA	R834	VRS-CY1JF102J	J	1.0k 1/16W	Metal Oxide AA
R437	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA	R852	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R701	VRS-CY1JF1R0J	J	1.0 1/16W	Metal Oxide AA	R860	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R702	VRS-CY1JF154J	J	150k 1/16W	Metal Oxide AA	R861	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R703	VRS-CY1JF274J	J	270k 1/16W	Metal Oxide AA	R901	VRS-CY1JF101J	J	100 1/16W	Metal Oxide AA
R704	VRS-TQ2BD000J	J	0 1/8W	Metal Oxide AA	R902	VRS-CY1JF101J	J	100 1/16W	Metal Oxide AA
R705	VRS-TX2HF000J	J	0 1/2W	Metal Oxide AA	R903	VRS-CY1JF101J	J	100 1/16W	Metal Oxide AA
R706	VRS-CR3AD821J	J	820 1W	Metal Oxide AC	R905	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R707	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA	R908	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R708	VRS-CY1JF272F	J	2.7k 1/16W	Metal Oxide AA	R909	VRS-CY1JF102J	J	1.0k 1/16W	Metal Oxide AA
R709	VRS-CY1JF123F	J	12k 1/16W	Metal Oxide AA	R910	VRS-CY1JF102J	J	1.0k 1/16W	Metal Oxide AA
R711	VRS-CY1JF184J	J	180k 1/16W	Metal Oxide AA	R913	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R712	VRS-CY1JF683F	J	68k 1/16W	Metal Oxide AA	R914	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R713	VRS-CY1JF133F	J	13k 1/16W	Metal Oxide AA	R915	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R715	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA	R916	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R716	VRS-TX2HF000J	J	0 1/2W	Metal Oxide AA	R917	VRS-CY1JF105J	J	1.0M 1/16W	Metal Oxide AA
R717	VRS-CY1JF152F	J	1.5k 1/16W	Metal Oxide AA	R918	VRS-CY1JF822F	J	8.2k 1/16W	Metal Oxide AA
R718	VRS-CY1JF274J	J	270k 1/16W	Metal Oxide AA	R919	VRS-CY1JF822F	J	8.2k 1/16W	Metal Oxide AA
R719	VRS-CY1JF563F	J	56k 1/16W	Metal Oxide AA	R920	VRS-CY1JF822F	J	8.2k 1/16W	Metal Oxide AA
R720	VRS-CY1JF473J	J	47k 1/16W	Metal Oxide AA	R921	VRS-CY1JF822F	J	8.2k 1/16W	Metal Oxide AA
R721	VRS-CY1JF103J	J	10k 1/16W	Metal Oxide AA	R922	VRS-CY1JF223J	J	22k 1/16W	Metal Oxide AA
R722	VRS-CY1JF105J	J	1.0M 1/16W	Metal Oxide AA	R923	VRS-CY1JF223J	J	22k 1/16W	Metal Oxide AA
R723	VRS-CY1JF682J	J	6.8k 1/16W	Metal Oxide AA	R924	VRS-CY1JF473J	J	47k 1/16W	Metal Oxide AA
R724	VRS-TQ2BD000J	J	0 1/8W	Metal Oxide AA	R925	VRS-CY1JF473J	J	47k 1/16W	Metal Oxide AA
R725	VRS-CY1JF1R0J	J	1.0 1/16W	Metal Oxide AA	R951	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R726	VRS-CY1JF1R0J	J	1.0 1/16W	Metal Oxide AA	R954	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R729	VRS-TQ2BD000J	J	0 1/8W	Metal Oxide AA	R958	VRS-CY1JF103J	J	10k 1/16W	Metal Oxide AA
R731	VRS-TQ2BD000J	J	0 1/8W	Metal Oxide AA	R959	VRS-CY1JF103J	J	10k 1/16W	Metal Oxide AA
R732	VRS-TW2ED222J	J	2.2k 1/4W	Metal Oxide AA	R960	VRS-CY1JF103J	J	10k 1/16W	Metal Oxide AA
R733	VRS-TQ2BD683J	J	68k 1/8W	Metal Oxide AA	R961	VRS-CY1JF103J	J	10k 1/16W	Metal Oxide AA
R734	VRS-CY1JF393J	J	39k 1/16W	Metal Oxide AA	R962	VRS-CY1JF153J	J	15k 1/16W	Metal Oxide AA
R735	VRS-CY1JF223J	J	22k 1/16W	Metal Oxide AA	R963	VRS-CY1JF223J	J	22k 1/16W	Metal Oxide AA
R736	VRS-CY1JF1R0J	J	1.0 1/16W	Metal Oxide AA	R964	VRS-CY1JF473J	J	47k 1/16W	Metal Oxide AA
R737	VRS-CY1JF472J	J	4.7k 1/16W	Metal Oxide AA	R965	VRS-CY1JF473J	J	47k 1/16W	Metal Oxide AA
R738	VRS-TW2ED102J	J	1.0k 1/4W	Metal Oxide AA	R966	VRS-CY1JF912J	J	9.1k 1/16W	Metal Oxide AA
R739	VRS-CY1JF102J	J	1.0k 1/16W	Metal Oxide AA	R967	VRS-CY1JF912J	J	9.1k 1/16W	Metal Oxide AA
R740	VRS-CY1JF102J	J	1.0k 1/16W	Metal Oxide AA	R968	VRS-CY1JF682J	J	6.8k 1/16W	Metal Oxide AA
R741	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA	R969	VRS-CY1JF682J	J	6.8k 1/16W	Metal Oxide AA
R742	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA	R1101	VRS-CA1JF333J	J	33k 1/16W	Metal Oxide AA
R747	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA	R1102	VRS-CA1JF103J	J	10k 1/16W	Metal Oxide AA
R748	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA	R1103	VRS-CA1JF103J	J	10k 1/16W	Metal Oxide AA
R751	VRS-TW2ED332J	J	3.3k 1/4W	Metal Oxide AB	R1104	VRS-CA1JF333J	J	33k 1/16W	Metal Oxide AA
R752	VRS-TW2ED332J	J	3.3k 1/4W	Metal Oxide AB	R1105	VRS-CY1JF104J	J	100k 1/16W	Metal Oxide AA
R753	VRS-CY1JF333J	J	33k 1/16W	Metal Oxide AA	R1106	VRS-CA1JF333J	J	33k 1/16W	Metal Oxide AA
R754	VRS-CY1JF103J	J	10k 1/16W	Metal Oxide AA	R1107	VRS-CA1JF103J	J	10k 1/16W	Metal Oxide AA
R765	VRS-CY1JF103J	J	10k 1/16W	Metal Oxide AA	R1108	VRS-CA1JF103J	J	10k 1/16W	Metal Oxide AA
R766	VRS-CA1JF821J	J	820 1/16W	Metal Oxide AA	R1109	VRS-CA1JF333J	J	33k 1/16W	Metal Oxide AA
R768	VRS-CA1JF104J	J	100k 1/16W	Metal Oxide AA	R1110	VRS-CY1JF104J	J	100k 1/16W	Metal Oxide AA
R770	VRS-CA1JF562J	J	5.6k 1/16W	Metal Oxide AA	R1111	VRS-CY1JF104J	J	100k 1/16W	Metal Oxide AA
R772	VRS-CY1JF563J	J	56k 1/16W	Metal Oxide AA	R1112	VRS-CY1JF103F	J	10k 1/16W	Metal Oxide AA
R774	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA	R1113	VRS-CA1JF333J	J	33k 1/16W	Metal Oxide AA
R801	VRS-CB1JF221J	J	220 1/16W	Metal Oxide AC	R1114	VRS-CY1JF103F	J	10k 1/16W	Metal Oxide AA
R802	VRS-CB1JF220J	J	22 1/16W	Metal Oxide AC	R1115	VRS-CY1JF102J	J	1.0k 1/16W	Metal Oxide AA
R803	VRS-CB1JF220J	J	22 1/16W	Metal Oxide AC	R1116	VRS-CY1JF102J	J	1.0k 1/16W	Metal Oxide AA
R804	VRS-CA1JF101J	J	100 1/16W	Metal Oxide AA	R1117	VRS-CY1JF102J	J	1.0k 1/16W	Metal Oxide AA
R806	VRS-CY1JF221J	J	220 1/16W	Metal Oxide AA	R1118	VRS-CY1JF823F	J	82k 1/16W	Metal Oxide AA
R807	VRS-CY1JF750J	J	75 1/16W	Metal Oxide AA	R1119	VRS-CY1JF472F	J	4.7k 1/16W	Metal Oxide AA
R808	VRS-CY1JF750J	J	75 1/16W	Metal Oxide AA	R1120	VRS-TW2ED5R6J	J	5.6 1/4W	Metal Oxide AA
R809	VRS-CY1JF750J	J	75 1/16W	Metal Oxide AA	R1121	VRS-CY1JF330J	J	33 1/16W	Metal Oxide AA
R810	VRS-CB1JF220J	J	22 1/16W	Metal Oxide AC	R1123	VRS-CY1JF330J	J	33 1/16W	Metal Oxide AA
R811	VRS-CY1JF222J	J	2.2k 1/16W	Metal Oxide AA	R1124	VRS-CY1JF472F	J	4.7k 1/16W	Metal Oxide AA
R812	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA	R1125	VRS-TW2ED101J	J	100 1/4W	Metal Oxide AA
R813	VRS-CB1JF220J	J	22 1/16W	Metal Oxide AC	R1127	VRS-TX2HF000J	J	0 1/2W	Metal Oxide AA
R814	VRS-CY1JF332J	J	3.3k 1/16W	Metal Oxide AA	R1129	VRS-CY1JF563F	J	56k 1/16W	Metal Oxide AA
R815	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA	R1130	VRS-TW2ED5R6J	J	5.6 1/4W	Metal Oxide AA
R816	VRS-CA1JF470J	J	47 1/16W	Metal Oxide AB	R1132	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
R819	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA	R1133	VRS-CY1JF223F	J	22k 1/16W	Metal Oxide AA
R826	VRS-CY1JF101J	J	100 1/16W	Metal Oxide AA	R1134	VRS-CY1JF822F	J	8.2k 1/16W	Metal Oxide AA
R831	VRS-CY1JF102J	J	1.0k 1/16W	Metal Oxide AA	R1135	VRS-CY1JF561J	J	560 1/16W	Metal Oxide AA
					R1136	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
					R1137	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
					R1138	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA
					R1202	VRS-CB1JF220J	J	22 1/16W	Metal Oxide AC

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code						
DUNTKA077FE08															
MAIN UNIT (Continued)															
R1203	VRS-CA1JF220J	J 22	1/16W	Metal Oxide	AA	FB702	RBLN-0051TAZZ	J Ferrite Bead	AC						
R1204	VRS-CB1JF220J	J 22	1/16W	Metal Oxide	AC	FB703	RBLN-0051TAZZ	J Ferrite Bead	AC						
R1205	VRS-CA1JF220J	J 22	1/16W	Metal Oxide	AA	FB704	RBLN-0051TAZZ	J Ferrite Bead	AC						
R1206	VRS-CB1JF220J	J 22	1/16W	Metal Oxide	AC	FB705	RBLN-0095CEZZ	J Ferrite Bead	AD						
R1207	VRS-CA1JF220J	J 22	1/16W	Metal Oxide	AA	FB706	RBLN-0051TAZZ	J Ferrite Bead	AC						
R1208	VRS-CY1JF560J	J 56	1/16W	Metal Oxide	AA	FB708	RBLN-0095CEZZ	J Ferrite Bead	AD						
R1209	VRS-CA1JF220J	J 22	1/16W	Metal Oxide	AA	FB709	RBLN-0090CEZZ	J Ferrite Bead	AD						
R1210	VRS-CY1JF220J	J 22	1/16W	Metal Oxide	AA	FB801	RBLN-0090CEZZ	J Ferrite Bead	AD						
R1211	VRS-CY1JF221J	J 220	1/16W	Metal Oxide	AA	FB802	RBLN-0090CEZZ	J Ferrite Bead	AD						
R1212	VRS-CY1JF000J	J 0	1/16W	Metal Oxide	AA	FB901	RBLN-0006TAZZ	J Ferrite Bead	AB						
R1214	VRS-CB1JF101J	J 100	1/16W	Metal Oxide	AA	FB1201	RBLN-0090CEZZ	J Ferrite Bead	AD						
R1217	VRS-CY1JF101J	J 100	1/16W	Metal Oxide	AA	FB1202	RBLN-0006TAZZ	J Ferrite Bead	AB						
R1218	VRS-CA1JF101J	J 100	1/16W	Metal Oxide	AA	FB1203	RBLN-0076TAZZ	J Ferrite Bead	AC						
R1220	VRS-CY1JF472J	J 4.7k	1/16W	Metal Oxide	AA	P301	QPLGN0278GEZZ	J Plug, 2-pin	AA						
R1221	VRS-CB1JF332J	J 3.3k	1/16W	Metal Oxide	AC	P701	QPLGN1178GEZZ	J Plug, 11-pin	AC						
R1222	VRS-CB1JF101J	J 100	1/16W	Metal Oxide	AA	P751	QPLGN0155FJZZ	J Plug, 3-pin (HV)	AE						
R1223	VRS-CA1JF101J	J 100	1/16W	Metal Oxide	AA	P752	QPLGN0155FJZZ	J Plug, 3-pin (HV)	AE						
R1225	VRS-CY1JF472J	J 4.7k	1/16W	Metal Oxide	AA	P2002	QPLGN1320REZZ	J Plug, 13-pin	AC						
R1228	VRS-CY1JF000J	J 0	1/16W	Metal Oxide	AA	P2003	QPLGN0520REZZ	J Plug, 5-pin	AB						
R1229	VRS-CY1JF103J	J 10k	1/16W	Metal Oxide	AA	P2004	QPLGN0420REZZ	J Plug, 4-pin	AA						
R1230	VRS-CY1JF562J	J 5.6k	1/16W	Metal Oxide	AA	SC401	QSOCN0464FJZZ	J Socket, 50-pin	AH						
R1232	VRS-CY1JF101J	J 100	1/16W	Metal Oxide	AA	SC1201	QSOCN0461FJZZ	J Socket, 53-pin	AH						
R1233	VRS-CY1JF101J	J 100	1/16W	Metal Oxide	AA	SC1203	QSOCN0199FJZZ	J Socket, 20-pin	AE						
R1234	VRS-CY1JF472J	J 4.7k	1/16W	Metal Oxide	AA	MISCELLANEOUS PARTS									
R1235	VRS-CB1JF473J	J 47k	1/16W	Metal Oxide	AC	FB702	RBLN-0051TAZZ	J Ferrite Bead	AC						
R1236	VRS-CB1JF473J	J 47k	1/16W	Metal Oxide	AC	FB703	RBLN-0051TAZZ	J Ferrite Bead	AC						
R2001	VRS-CY1JF102J	J 1.0k	1/16W	Metal Oxide	AA	FB704	RBLN-0051TAZZ	J Ferrite Bead	AC						
R2002	VRS-CY1JF102J	J 1.0k	1/16W	Metal Oxide	AA	FB705	RBLN-0095CEZZ	J Ferrite Bead	AD						
R2003	VRS-CY1JF223J	J 22k	1/16W	Metal Oxide	AA	FB706	RBLN-0051TAZZ	J Ferrite Bead	AC						
R2004	VRS-CY1JF223J	J 22k	1/16W	Metal Oxide	AA	FB708	RBLN-0095CEZZ	J Ferrite Bead	AD						
R2007	VRS-CY1JF223J	J 22k	1/16W	Metal Oxide	AA	FB709	RBLN-0090CEZZ	J Ferrite Bead	AD						
R2008	VRS-CY1JF101J	J 100	1/16W	Metal Oxide	AA	FB801	RBLN-0090CEZZ	J Ferrite Bead	AD						
R2009	VRS-CY1JF102J	J 1.0k	1/16W	Metal Oxide	AA	FB802	RBLN-0090CEZZ	J Ferrite Bead	AD						
R2010	VRS-CY1JF101J	J 100	1/16W	Metal Oxide	AA	FB901	RBLN-0006TAZZ	J Ferrite Bead	AB						
R2011	VRS-CB1JF101J	J 100	1/16W	Metal Oxide	AA	FB1201	RBLN-0090CEZZ	J Ferrite Bead	AD						
R2014	VRS-CA1JF103J	J 10k	1/16W	Metal Oxide	AA	FB1202	RBLN-0006TAZZ	J Ferrite Bead	AB						
R2016	VRS-CA1JF223J	J 22k	1/16W	Metal Oxide	AA	FB1203	RBLN-0076TAZZ	J Ferrite Bead	AC						
R2018	VRS-CA1JF101J	J 100	1/16W	Metal Oxide	AA	P301	QPLGN0278GEZZ	J Plug, 2-pin	AA						
R2019	VRS-CB1JF331J	J 330	1/16W	Metal Oxide	AC	P701	QPLGN1178GEZZ	J Plug, 11-pin	AC						
R2025	VRS-CY1JF103J	J 10k	1/16W	Metal Oxide	AA	P751	QPLGN0155FJZZ	J Plug, 3-pin (HV)	AE						
R2028	VRS-CB1JF102J	J 1.0k	1/16W	Metal Oxide	AA	P752	QPLGN0155FJZZ	J Plug, 3-pin (HV)	AE						
R2031	VRS-CY1JF101J	J 100	1/16W	Metal Oxide	AA	P2002	QPLGN1320REZZ	J Plug, 13-pin	AC						
R2032	VRS-CY1JF471J	J 470	1/16W	Metal Oxide	AA	P2003	QPLGN0520REZZ	J Plug, 5-pin	AB						
R2033	VRS-CY1JF105J	J 1.0M	1/16W	Metal Oxide	AA	P2004	QPLGN0420REZZ	J Plug, 4-pin	AA						
R2035	VRS-CY1JF102J	J 1.0k	1/16W	Metal Oxide	AA	SC401	QSOCN0464FJZZ	J Socket, 50-pin	AH						
R2041	VRS-CA1JF101J	J 100	1/16W	Metal Oxide	AA	SC1201	QSOCN0461FJZZ	J Socket, 53-pin	AH						
R2042	VRS-CY1JF101J	J 100	1/16W	Metal Oxide	AA	SC1203	QSOCN0199FJZZ	J Socket, 20-pin	AE						
R2045	VRS-CY1JF223J	J 22k	1/16W	Metal Oxide	AA										
R2047	VRS-CY1JF223J	J 22k	1/16W	Metal Oxide	AA										
R2048	VRS-CY1JF332J	J 3.3k	1/16W	Metal Oxide	AA										
R2049	VRS-CY1JF332J	J 3.3k	1/16W	Metal Oxide	AA										
R2050	VRS-CY1JF562J	J 5.6k	1/16W	Metal Oxide	AA										
R2051	VRS-CY1JF101J	J 100	1/16W	Metal Oxide	AA										
R2052	VRS-CY1JF101J	J 100	1/16W	Metal Oxide	AA										
R2053	VRS-CY1JF104J	J 100k	1/16W	Metal Oxide	AA										
R2054	VRS-CY1JF333J	J 33k	1/16W	Metal Oxide	AA										
R2055	VRS-CY1JF103J	J 10k	1/16W	Metal Oxide	AA										
R2056	VRS-CY1JF101J	J 100	1/16W	Metal Oxide	AA										
R2057	VRS-CY1JF103J	J 10k	1/16W	Metal Oxide	AA										
R2058	VRS-CY1JF474J	J 470k	1/16W	Metal Oxide	AA										
R2059	VRS-CY1JF223J	J 22k	1/16W	Metal Oxide	AA										
R2060	VRS-CB1JF101J	J 100	1/16W	Metal Oxide	AA										
R2061	VRS-CY1JF223J	J 22k	1/16W	Metal Oxide	AA										
R2062	VRS-CY1JF333J	J 33k	1/16W	Metal Oxide	AA										
R2063	VRS-CY1JF333J	J 33k	1/16W	Metal Oxide	AA										
R2067	VRS-CY1JF101J	J 100	1/16W	Metal Oxide	AA										
R2068	VRS-CY1JF101J	J 100	1/16W	Metal Oxide	AA										
R2069	VRS-CY1JF000J	J 0	1/16W	Metal Oxide	AA										
R2074	VRS-CY1JF000J	J 0	1/16W	Metal Oxide	AA										
R2075	VRS-CY1JF000J	J 0	1/16W	Metal Oxide	AA										
R2076	VRS-CY1JF000J	J 0	1/16W	Metal Oxide	AA										

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code					
DUNTK0136DE02														
TERMINAL UNIT														
TUNER														
<i>NOTE: THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.</i>														
TU3201	VTUVT2U5CD553	J	Tuner	BD	R3302	VRS-CY1JF102J	J	1.0k 1/16W	Metal Oxide AA					
INTEGRATED CIRCUITS														
IC3401	VHiTC4053BF1E		TC4053BF	AF	R3303	VRS-CY1JF104J	J	100k 1/16W	Metal Oxide AA					
TRANSISTORS														
Q3201	VSDTC144EE/-1	J	DTC144EE	AA	R3304	VRS-CY1JF102J	J	1.0k 1/16W	Metal Oxide AA					
Q3202	VSDTC144EE/-1	J	DTC144EE	AA	R3305	VRS-TQ2BD750J	J	75 1/8W	Metal Oxide AA					
Q3203	VSDTC144EE/-1	J	DTC144EE	AA	R3306	VRS-CY1JF101J	J	100 1/16W	Metal Oxide AA					
Q3204	VS2SC2712Y/-1	J	2SC2712Y	AB	R3308	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA					
Q3205	VS2SC3928AR/-1	J	2SC3928AR	AB	R3310	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA					
Q3301	VS2SC3928AR/-1	J	2SC3928AR	AB	R3313	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA					
Q3401	VS2SC3928AR/-1	J	2SC3928AR	AB	R3314	VRS-CY1JF101J	J	100 1/16W	Metal Oxide AA					
Q3402	VS2SC3928AR/-1	J	2SC3928AR	AB	R3315	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA					
Q3403	VSDTC144EE/-1	J	DTC144EE	AA	R3319	VRS-TQ2BD750J	J	75 1/8W	Metal Oxide AA					
Q3404	VS2SK1467//1	J	2SK1467	AE	R3321	VRS-CY1JF822J	J	8.2k 1/16W	Metal Oxide AA					
Q3405	VS2SK1467//1	J	2SK1467	AE	R3323	VRS-CY1JF101J	J	100 1/16W	Metal Oxide AA					
Q3420	VSDTC314TK/-1	J	DTC314TK	AC	R3324	VRS-CY1JF102J	J	1.0k 1/16W	Metal Oxide AA					
Q3421	VSDTC314TK/-1	J	DTC314TK	AC	R3329	VRS-CY1JF101J	J	100 1/16W	Metal Oxide AA					
Q3422	VSUMG4///-1	J	UMG4	AC	R3330	VRS-TX2HF331J	J	330 1/2W	Metal Oxide AB					
DIODES														
D3401	RH-EX1271CEZZ	J	Zener Diode	AB	R3331	VRS-TX2HF331J	J	330 1/2W	Metal Oxide AB					
D3402	RH-EX1271CEZZ	J	Zener Diode	AB	R3333	VRS-TV1JD000J	J	0 1/16W	Metal Oxide AA					
D3403	RH-EX1271CEZZ	J	Zener Diode	AB	R3401	VRS-TQ2BD750J	J	75 1/8W	Metal Oxide AA					
COILS														
L3201	VP-1M220J2R9N	J	Peaking 22μH	AC	R3402	VRS-CY1JF101J	J	100 1/16W	Metal Oxide AA					
L3202	RCILC0141CEZZ	J	Coil	AF	R3404	VRS-CY1JF101J	J	100 1/16W	Metal Oxide AA					
L3401	VP-1M101J7R7N	J	Peaking 100μH	AC	R3405	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA					
CAPACITORS														
C3201	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	R3409	VRS-CY1JF104J	J	100k 1/16W	Metal Oxide AA					
C3202	VCEA4U0JN338M	J	3300 6.3V Electrolytic	AE	R3410	VRS-TQ2BD750J	J	75 1/8W	Metal Oxide AA					
C3203	VCKYCY1HB103K	J	0.01 50V Ceramic	AA	R3411	VRS-CY1JF680J	J	68 1/16W	Metal Oxide AA					
C3204	VCKYCY1HB102K	J	1000p 50V Ceramic	AA	R3412	VRS-CY1JF680J	J	68 1/16W	Metal Oxide AA					
C3205	VCCCCY1HH330J	J	33p 50V Ceramic	AA	R3413	VRS-CY1JF223J	J	22k 1/16W	Metal Oxide AA					
C3207	VCCCCY1HH330J	J	33p 50V Ceramic	AA	R3414	VRS-CY1JF101J	J	100 1/16W	Metal Oxide AA					
C3208	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	R3415	VRS-CY1JF562J	J	5.6k 1/16W	Metal Oxide AA					
C3209	VCKYCY1HB102K	J	1000p 50V Ceramic	AA	R3416	VRS-CY1JF272J	J	2.7k 1/16W	Metal Oxide AA					
C3301	VCE9PF1CW106M	J	10 16V Elect.(N.P)	AC	R3420	VRS-CY1JF750J	J	75 1/16W	Metal Oxide AA					
C3302	VCE9PF1CW106M	J	10 16V Elect.(N.P)	AC	R3421	VRS-CY1JF750J	J	75 1/16W	Metal Oxide AA					
C3303	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	R3422	VRS-CY1JF750J	J	75 1/16W	Metal Oxide AA					
C3306	VCKYCY1HB102K	J	1000p 50V Ceramic	AA	R3423	VRS-CY1JF101J	J	100 1/16W	Metal Oxide AA					
C3311	RC-EZ0417CEZZ	J	150 16V Electrolytic	AD	R3424	VRS-CY1JF101J	J	100 1/16W	Metal Oxide AA					
C3312	RC-EZ0417CEZZ	J	150 16V Electrolytic	AD	R3425	VRS-CY1JF101J	J	100 1/16W	Metal Oxide AA					
C3402	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	R3426	VRS-CY1JF102J	J	1.0k 1/16W	Metal Oxide AA					
C3403	VCEAPW1CN477M	J	470 16V Electrolytic	AE	R3427	VRS-CY1JF102J	J	1.0k 1/16W	Metal Oxide AA					
C3404	VCKYCY1CF104Z	J	0.1 16V Ceramic	AA	R3428	VRS-CY1JF103J	J	10k 1/16W	Metal Oxide AA					
C3405	VCEAPF0JW336M	J	33 6.3V Electrolytic	AB	R3429	VRS-CY1JF103J	J	10k 1/16W	Metal Oxide AA					
C3406	RC-KZ1025CEZZ	J	1.0 10V Ceramic	AB	R3431	VRS-CY1JF104J	J	100k 1/16W	Metal Oxide AA					
C3407	VCEAPF0JW226M	J	22 6.3V Electrolytic	AB	R3432	VRS-CY1JF104J	J	100k 1/16W	Metal Oxide AA					
C3420	VCE9PF1CW106M	J	10 16V Elect.(N.P)	AC	R3435	VRS-CY1JF103J	J	10k 1/16W	Metal Oxide AA					
C3421	VCE9PF1CW106M	J	10 16V Elect.(N.P)	AC	R3436	VRS-CY1JF102J	J	1.0k 1/16W	Metal Oxide AA					
C3422	VCKYCY1EF104Z	J	0.1 25V Ceramic	AA	R3704	VRS-CY1JF000J	J	0 1/16W	Metal Oxide AA					
C3423	VCEAPF1CW107M	J	100 16V Electrolytic	AD	MISCELLANEOUS PARTS									
C3424	RC-KZ1025CEZZ	J	1.0 10V Ceramic	AB	△ F3701	QFS-C1223CEZZ	J	Fuse 1.6A	AD					
RESISTORS										△ F3702	QFS-C1223CEZZ	J	Fuse 1.6A	AD
R3201	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA	△ F3751	QFS-C2023CEZZ	J	Fuse 2.0A	AD					
R3202	VRS-CA1JF561J	J	560 1/16W Metal Oxide	AA	FH3701	QFSHD1002CEZZ	J	Fuse Holder	AA					
R3203	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA	FH3702	QFSHD1002CEZZ	J	Fuse Holder	AA					
R3204	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA	FH3703	QFSHD1002CEZZ	J	Fuse Holder	AA					
R3205	VRS-CY1JF153J	J	15k 1/16W Metal Oxide	AA	FH3704	QFSHD1002CEZZ	J	Fuse Holder	AA					
R3206	VRS-CY1JF332J	J	3.3k 1/16W Metal Oxide	AA	FH3751	QFSHD1002CEZZ	J	Fuse Holder	AA					
R3207	VRS-CY1JF152J	J	1.5k 1/16W Metal Oxide	AA	FH3752	QFSHD1002CEZZ	J	Fuse Holder	AA					
R3208	VRS-CY1JF331J	J	330 1/16W Metal Oxide	AA	J3401	QJAKE0200CE02	J	AV-IN1, Audio (R)	AE					
R3209	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA	J3402	QJAKE0200CE09	J	AV-IN1, Audio (L)	AE					
R3301	VRS-CY1JF104J	J	100k 1/16W Metal Oxide	AA	J3403	QJAKE0200CE04	J	AV-IN1, Video	AE					
POWER SUPPLY										J3404	QJAKE0200CE02	J	Component, PR	AE
VIDEO										J3405	QJAKE0200CE06	J	Component, PB	AE
AUDIO										J3406	QJAKE0200CE05	J	Component, Y	AE
OTHER										J3407	QJAKE0200CE02	J	AV-IN2/OUT, Audio (R)	AE
VIDEO										J3408	QJAKE0200CE09	J	AV-IN2/OUT, Audio (L)	AE
POWER										J3409	QJAKE0200CE04	J	AV-IN2/OUT, Video	AE
HEADPHONE										J3410	QJAKJ0046CEZZ	J	Jack, Headphone	AE
POWER INPUT										J3701	QJAKE0193CEZZ	J	Power Input (DC12V)	AK
PLUG 2-PIN										P3203	QPLGN0280GEZZ	J	Plug 2-pin	AB
PLUG 11-PIN										P3204	QPLGN0280GEZZ	J	Plug 11-pin	AB
AV INPUT1, S-VIDEO										P3701	QPLGN1178GEZZ	J	AV Input1, S-Video	AC
AV INPUT2, S-VIDEO										SC3301	QSOCD0456CEZZ	J	AV Input1, S-Video	AE
AV INPUT3, S-VIDEO										SC3401	QSOCN0464FJZZ	J	Socket 50-pin	AH

Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
DUNTKA0137DE02 OPERATION UNIT									
DIODES									
D4009	RH-EX0879CEZZ	J	Zener Diode	AD	1	CCABA2402CE02	J	Front Cabinet Ass'y	BF
D4010	RH-EX0879CEZZ	J	Zener Diode	AD	1-1	<i>Not Available</i>	-	Front Cabinet	—
D4018	RH-EX1283CEZZ	J	Zener Diode	AB	1-2	GCOVA1932CESA	J	IR Filter	AD
D4019	RH-EX1283CEZZ	J	Zener Diode	AB	1-3	GCOVA1857CESA	J	LED Cover	AC
CAPACITORS									
C4001	VCCCCY1HH471J	J	470p 50V Ceramic	AA	1-4	GCOVA1900CESA	J	R/C Cover	AF
C4002	VCCCCY1HH471J	J	470p 50V Ceramic	AA	1-5	HBDGB3154CESA	J	Badge, SHARP	AD
RESISTORS									
R4005	VRS-CY1JF123J	J	12k 1/16W Metal Oxide	AA	1-6	LANGS0130CEFW	J	Angle for Speaker, x4	AC
R4006	VRS-CY1JF822J	J	8.2k 1/16W Metal Oxide	AA	1-7	PSLDC3104CEZZ	J	Shield	AB
R4011	VRS-CY1JF123J	J	12k 1/16W Metal Oxide	AA	1-8	PSLDC3105CEZZ	J	Shield	AB
R4012	VRS-CY1JF822J	J	8.2k 1/16W Metal Oxide	AA	1-9	PSPAH0654CE00	J	Spacer, x4	AB
SWITCHES									
S4701	QSW-S0213CEZZ	J	Main Power	AE	1-10	PSPAP0055CEZZ	J	Spacer, x1	AB
SW4002QSW-K0087GEZZ	J	CH ▼		AC	1-11	VSP4030P-44YD	J	Speaker, x2	AR
SW4003QSW-K0087GEZZ	J	CH ▲		AC	1-12	XEBSD20P05000	J	Screw, x4	AA
SW4004QSW-K0087GEZZ	J	MENU		AC					
SW4006QSW-K0087GEZZ	J	TV/VIDEO		AC	2	CCABB2290CE02	J	Rear Cabinet Ass'y	BE
SW4007QSW-K0087GEZZ	J	VOL (+)		AC	2-1	<i>Not Available</i>	-	Rear Cabinet	—
SW4008QSW-K0087GEZZ	J	VOL (-)		AC	2-2	HiNDP5819CESA	J	Model Label	AG
MISCELLANEOUS PARTS									
P4004	QPLGN0564TAZZ	J	Plug, 5-pin	AC	2-3	HiNDP5679CESA	J	AV Indication Plate	AF
DUNTKA0138DE02 R/C RECEIVER UNIT									
TRANSISTORS									
Q4106	VSDTC144EE/-1	J	DTC144EE	AA	2-4	JBTN-2047CEKA	J	Operation Button	AK
Q4107	VSUMG4///-1	J	UMG4	AC	2-5	LANGF9601CEFW	J	Fixing Metal	AA
DIODEES									
D4120	RH-EX1271CEZZ	J	Zener Diode	AB	2-6	LX-BZ3425CEFN	J	Screw, x2	AA
D4121	RH-EX1271CEZZ	J	Zener Diode	AB	2-7	LX-BZ3426CEFN	J	Screw, x3	AA
D4122	RH-PX0368CEZZ	J	LED, Power/Stand-by	AE	2-8	LX-HZ3064CEFF	J	Screw, x7	AA
CAPACITOR									
C4120	VCKYTV1CF105Z	J	1.0 16V Ceramic	AB	2-9	PSLDC3106CEZZ	J	Shield	AC
RESISTORS									
R4187	VRS-CY1JF331J	J	330 1/16W Metal Oxide	AA	2-10	PSLDC3107CEZZ	J	Shield	AD
R4188	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA	2-11	PSPAG0364CEZZ	J	Spacer, x2	AC
R4189	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA	2-12	PSPAG0370CEZZ	J	Spacer, x4	AB
R4190	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA	2-13	PSPAG0371CEZZ	J	Spacer, x1	AB
MISCELLANEOUS PARTS									
SC4102	QPLGN0464TAZZ	J	Plug	AC	2-14	QEARZ0022CEZZ	J	Ground-Part	AE
RMC4101	RRMCU0239CEZZ	J	R/C Receiver		2-15	RSP-Z0114CEN1	J	Rear Speaker	AR
	PSLDM4450CEFW	J	Shield	AE					
CABINET PARTS LOCATION									
3	CCOVA1854CE02	J	Stand Ass'y	BK	3-1	GCOVA1853CESA	J	Top Cover	AH
3-2	GCOVA1854CESA	J	Rotation Cover	AQ	3-3	GCOVQ9302CEZZ	J	Protection Cover	AE
3-4	GCOVQ9303CE00	J	Leg Cover	AD	3-5	GDAi-1113CESA	J	Stand, Base	AL
3-6	LANGF9549CE00	J	Fixing Metal	AS	3-7	LANGF9550CE00	J	Fixing Metal	AP
3-8	LX-HZ3112CEFD	J	Screw, x2	AA	3-9	MHNG-3026CE01	J	Hinge	BC
3-10	XBSD40P07000	J	Screw, x4	AA	3-11	XBSD40P04000	J	Screw, x6	AA
3-12	XESSF30P08000	J	Screw, x2	AA					
4	KLMP-0098CEZZ	J	Lamp Unit	BA	4	LANGQ9208CEFW	J	Fixing Angle	AE
5	LANGQ9208CEFW	J	Fixing Angle	AE	6	LHLDZ2145CEKZ	J	Light Guide Plate Holder	AU
7	PGiDM0060CEZZ	J	Light Guide Plate	AZ	8	PSHEP0207CEZZ	J	ITO Sheet	AX
9	PSHEP0208CEZZ	J	Diffusion Sheet	AP	10	PSHEP0209CEZZ	J	Reflection Polarizing Sheet	BG
11	PSHEP0210CEZZ	J	Reflection Panel	AL	12	PSHEP0217CEZZ	J	Refection Sheet	AL
13	PSHEP0220CEZZ	J	Condenser Sheet	AY	14	PSLDM4504CEZZ	J	Shield, Copper Film Sheet, x2	AC
15	PSLDM4505CEZZ	J	Shield, Copper Film Sheet	AC					
16	PSLDM4604CEFW	J	Shield Case	AN	17	PSPAZ0364CEZZ	J	Spacer	AB
18	PSPAZ0365CEZZ	J	Spacer	AB	19	PSPAZ0367CEZZ	J	Spacer	AD
20	PSPAZ0368CEZZ	J	Spacer	AD	21	PSPAZ0377CEZZ	J	Spacer	AD
22	QCNW-4941CEZZ	J	Connecting Cord	AE	23	RLCDT0058CEZZ	J	15" LCD Panel	DQ
24	XBBSD20P05000	J	Screw, x1	AA	25	XEBSD30P08000	J	Screw, x4	AA
26	GCOVA1858CEKA	J	Terminal Cover	AL	27	JKNBP1167CEKA	J	Knob, Power	AE
28	LANGF0104CEFW	J	Reinforcing Angle, for Stand	AF	29	LHLDW1046CEZZ	J	Wire Holder	AA

CABINET AND MECHANICAL PARTS

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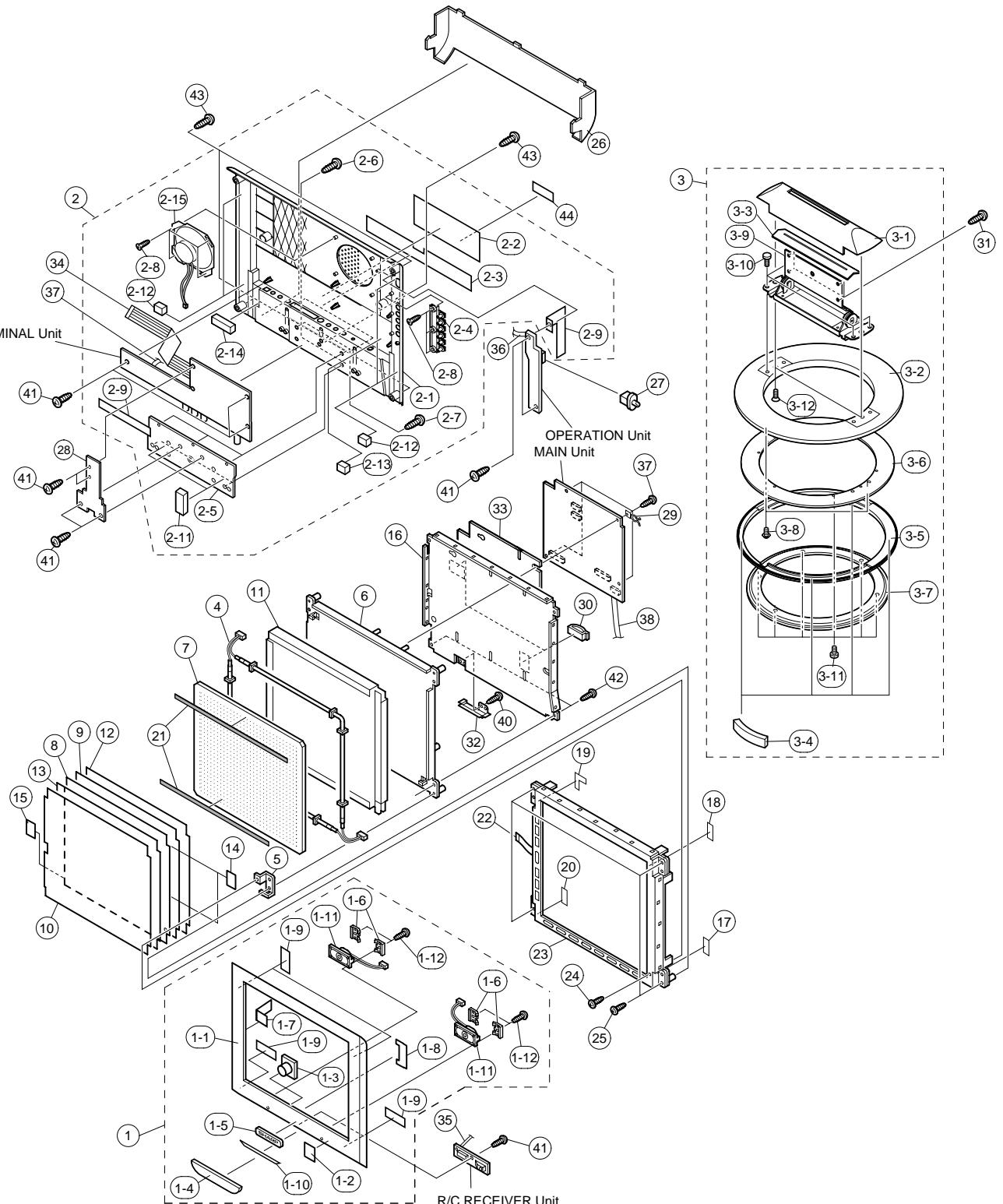
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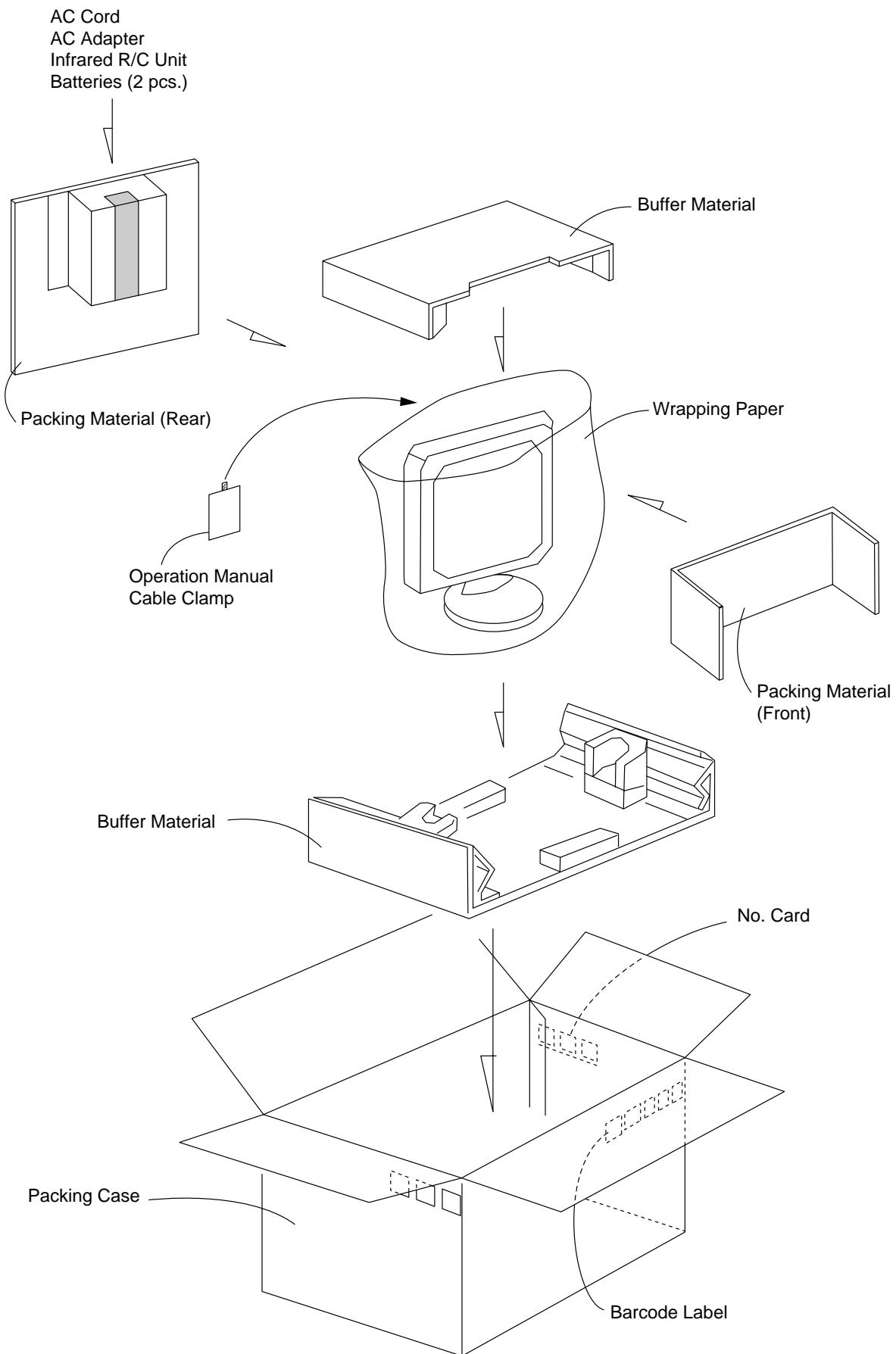
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Ref. No.	Part No.	★	Description	Code	Ref. No.	Part No.	★	Description	Code
CABINET PARTS LOCATION (Continued)					SUPPLIED ACCESSORIES				
30	LHLDW1173CEZZ	J	Wire Holder, x2	AD		LHLDW1028GEZZ	J	Cable Clamp, x2	AB
31	LX-BZ3431CEFN	J	Screw, x4	AB		QACCL0020TAZZ	J	AC Cord	AP
32	PSLDM4482CEFW	J	Shield	AD		RRMCG1558CESA	J	Infrared R/C Unit	AV
33	PZETZ0019CEZZ	J	Insulating Sheet	AE		TiNS-7193CEZZ	J	Operation Manual	AU
34	QCNW-5555CEZZ	J	Connecting Cord	AL		UADP-0210CEZZ	J	AC Adapter	BH
35	QCNW-5556CEZZ	J	Connecting Cord	AE					
36	QCNW-5557CEZZ	J	Connecting Cord	AF					
37	QCNW-5558CEZZ	J	Connecting Cord	AH					
38	QPWBHA141CEZZ	J	Connecting Cord	AR					
39	XBBSD30P04000	J	Screw, x2	AA					
40	XEBSD26P06000	J	Screw, x1	AA					
41	XEBSD30P08000	J	Screw, x12	AA					
42	XEBSF30P12000	J	Screw, x2	AA					
43	XEBSN30P14000	J	Screw, x5	AA					
44	TLABN0355CEZZ	J	No. Label						

**PACKING PARTS
(NOT REPLACEMENT ITEM)**

SPAKC5469CEZZ	–	Packing Case	—
SPAKF0405CEZZ	–	Packing Material (Rear)	—
SPAKF0488CEZZ	–	Packing Material (Front)	—
SPAKP0798CEZZ	–	Wrapping Paper	—
SPAKX2903CEZZ	–	Buffer Material	—
SSAKA0160CEZZ	–	Polyethylene Bag	—
TLABK0001TAZZ	–	No. Card	—
TLABN0157CEZZ	–	Barcode Label	—

PACKING OF THE SET



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