

STR-DE805G/DE905G

SERVICE MANUAL

US Model
Canadian Model
Australian Model
STR-DE805G/DE905G

E Model
Chinese Model
PX Model
STR-DE805G

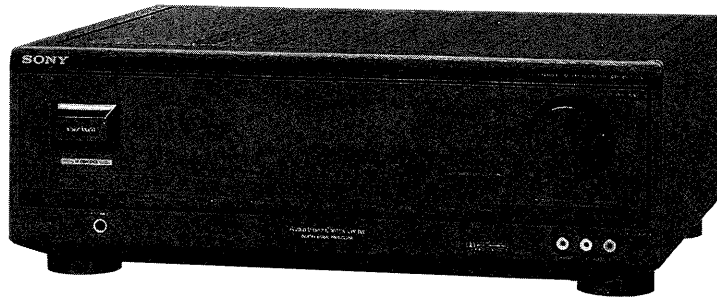


Photo : STR-DE805G

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SPECIFICATIONS

Audio power specifications

POWER OUTPUT AND TOTAL HARMONIC DISTORTION

With 8-ohm load, both channels driven, from 20 - 20,000 Hz, rated 120 watts per channel, minimum RMS power, with no more than 0.3 % total harmonic distortion from 250 milliwatts to rated output.
(US model only)

Amplifier section

POWER OUTPUT

Stereo mode 8 ohms 20 Hz - 20 kHz,
120 W + 120 W

Surround mode 8 ohms at 1 kHz,
THD 0.8 %

Terminals	Output
Front	120 W/ch
Center	120 W
Rear	50 W/ch

Dynamic power output 160 W + 160 W, 8 ohms
225 W + 225 W, 4 ohms

Harmonic distortion at rated output Less than 0.3 %

Frequency response PHONO: RIAA equalization curve ± 0.5 dB
CD, TAPE, DAT/MD, TV/DBS, LD, VIDEO 1, 2; 10 Hz-50 kHz -10 dB (Direct Pass)

Inputs

	Sensitivity	Impedance	S/N (weighting network, input level)
PHONO (MM)	2.5 mV	50 kilohms	75 dB** (A, 2.5 mV)
CD	200 mV		
TAPE, DAT/MD, VIDEO 1, 2, 3, TV/DBS, LD	150 mV	50 kilohms (A, 250 mV)	82 dB**

** '78 IHF

Outputs

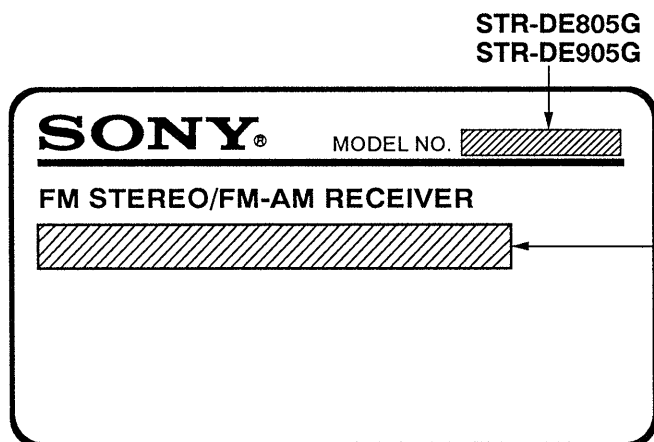
REC OUT VIDEO 1, 2 (AUDIO) OUT: Voltage 250 mV, Impedance 10 kilohms
WOOFER OUT Voltage: 2 V Impedance: 1 kilohms
PHONES: Accepts low and high impedance headphones

— Continued on page 2 —

FM STEREO/FM-AM RECEIVER
SONY®

BASS BOOST	+10 dB at 70 Hz	Antenna	Loop antenna	Power requirements	US, Canadian model : 120 V AC, 60 Hz Australian model : 240 V AC, 50 Hz E, Saudi Arabia, PX model : 120/220/240 V AC, 50/60 Hz adjustable Singapore, Chinese, Malaysia model : 220- 230 V AC, 50/60 Hz		
TONE	±8 dB at 100 kHz and 10 kHz	Usable sensitivity	50 dB/m (at 1,000 kHz or 999 kHz)				
FM tuner section		S/N	54 dB (at 50 mV / m)				
Tuning range	87.5 - 108.0 MHz	Harmonic distortion	0.5 % (50 mV / m, 400 kHz)	Power consumption	US model : 270 W Canadian model : 400 VA Australian model : 270 W E, Saudi Arabia, PX model : 270 W Singapore, Chinese, Malaysia model : 275W		
Antenna terminals	75 ohms, unbalanced	Selectivity	At 9 kHz: 35 dB At 10 kHz: 40 dB				
Sensitivity	Mono: 18.3 dBf, 4.5 µV Stereo: 38.3 dBf, 45 µV	* You can change the AM tuning interval between 9 kHz and 10 kHz. After tuning in any AM station, turn off the receiver. Hold down the PRESET + button and press the POWER button. All preset stations will be erased when you change the interval. To reset the interval, repeat the procedure.			AC outlets	2 switched, total 120 W	
Usable sensitivity	11.2 dBf, 2 µV (IHF)						
S/N	Mono: 76 dB Stereo: 70 dB					Dimensions	17 x 6 3/8 x 14 3/8 inches (430 x 160 x 365 mm)
Harmonic distortion at 1 kHz	Mono: 0.3 % Stereo: 0.5 %					Mass (Approx.)	10.0 kg (22 lb 1 oz)
Separation	45 dB at 1 kHz	Video section		Supplied accessories	FM wire antenna (1) AM loop antenna (1) Remote commander (remote) (1) Size AA (R6) batteries (2) RC antenna (STR-DE905G only) (1) IR repeater (1) Getting Started and Basic Operation Guide (1)		
Frequency response	30 Hz - 15 kHz ^{+0.5} dB	Inputs	VIDEO 1, 2, TV: 1 Vp-p 75 ohms				
Selectivity	60 dB at 400 kHz	Outputs	VIDEO 1, 2, MONITOR: 1 Vp-p 75 ohms				
AM tuner section		General System					
Tuning range	US, Canadian model : With 10 kHz interval* : 530- 1710 kHz With 9 kHz interval* : 531- 1710 kHz E, Saudi Arabia, PX model : With 10 kHz interval* : 530- 1610 kHz With 9 kHz interval* : 531- 1602 kHz Australian, Singapore, Chinese, Malaysia model : 531- 1602 kHz	Tuner section: PLL quartz-locked digital synthesizer system Preamplifier section: Low-noise NF type equalizer Power amplifier section: Pure-complimentary SEPP		Design and specifications are subject to change without notice.			

MODEL IDENTIFICATION



US, Canadian model :
AC 120V 60Hz
E, Saudi Arabia, PX model :
AC 120V/220V/240V~50/60Hz
Australian model : AC 240V~50/60Hz
Singapore, Malaysia, Chinese model :
AC 220V-230V~50/60Hz

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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 (US Model)

After correcting the original service problem, perform the following safety check before releasing the set to the customer:

Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

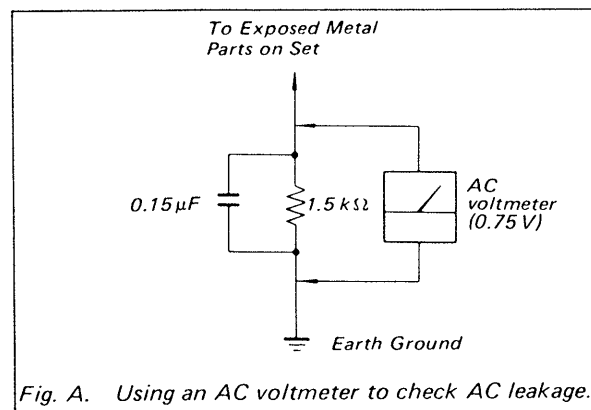
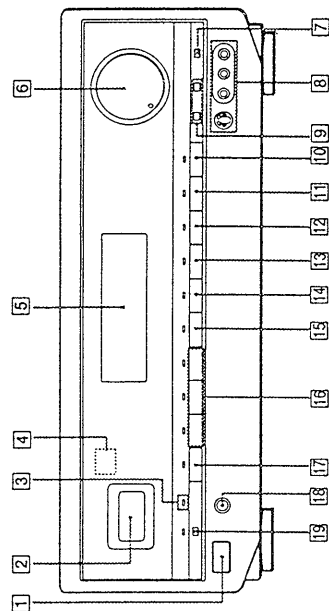


Fig. A. Using an AC voltmeter to check AC leakage.

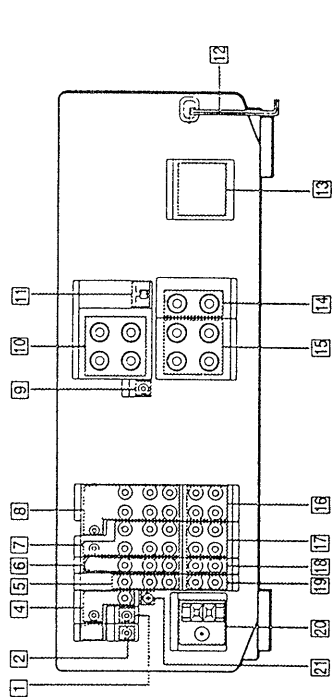
Front Panel Descriptions



- 1 POWER switch
- 2 Infrared (IR) repeater
Emits IR codes to command program sources.
- 3 Infrared (IR) codes setting indicator
Lights up when the unit receives IR codes.
- 4 IR sensor
When recording IR codes from the remote controls of other components, point the remote's emitter at this area during operation.
- 5 Display
Shows the program source, function, and tuning frequency, etc.
- 6 MASTER VOLUME control
Adjusts the overall sound volume.
- 7 SOUND FIELD button
Turns the sound field on and off.
- 8 VIDEO 3 INPUT jacks
For connecting camcorders or video game units, etc.
- 9 PRESET TUNING +/-
Selects preset stations.
- 10 PIIONO button
Selects the record player connected to the PIIONO jacks.
- 11 TUNER button
Selects the tuner.
- 12 CD button
Selects the compact disc player connected to the CD jacks.
- 13 DAT/MD button
Selects the DAT or MiniDisc deck connected to the DAT/MD jacks.
- 14 TV/DBS button
Selects the DBS receiver connected to the DBS jacks.
- 15 LD (Laser Disc) button
Selects the laser disc player connected to the LD jacks.
- 16 VIDEO 1-3 buttons
Selects the video components connected to the VIDEO 1-3 jacks.
- 17 TAPE MONITOR button
For monitoring audio program sources during recording.
- 18 PHONES jack
For connecting stereo headphones.
- 19 SPEAKERS selector
For turning the speakers OFF or ON.

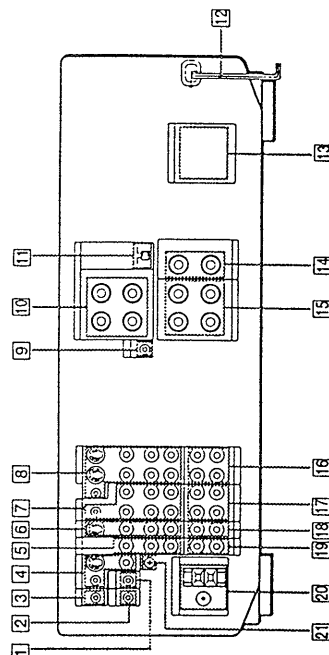
Rear Panel Descriptions

STR-DE805G



- 1 CTRL-A1
- 2 IR OUT
- 3 MONITOR
- 4 TV/DBS
- 5 LD
- 6 VIDEO 2
- 7 VIDEO 1
- 8 MIX AUDIO OUT
- 9 FRONT SPEAKERS
- 10 IMPEDANCE SELECTOR
(EXCEPT Singapore, Malaysia, Chinese model)
- 11 AC power cord
- 12 SWITCHED AC OUTLETS
(Outlet shape and position varies according to destination)
- 13 CENTER SPEAKER
- 14 REAR SPEAKERS
- 15 TAPE
- 16 DAT/MD
- 17 CD
- 18 PHONO
- 19 ANTENNA (AM/FM)
- 20 # ground terminal

STR-DE905G

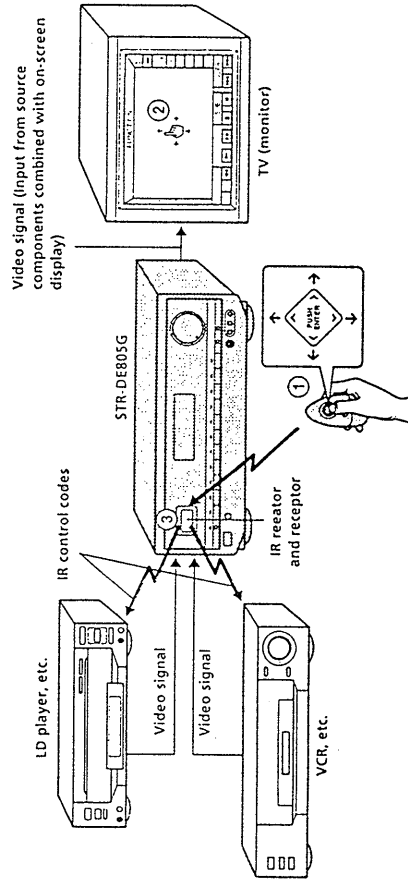


- 1 CTRL-A1
- 2 IR OUT
- 3 RC ANT (STR-DE905G only)
- 4 MONITOR
- 5 TV/DBS
- 6 LD
- 7 VIDEO 2
- 8 VIDEO 1
- 9 MIX AUDIO OUT
- 10 FRONT SPEAKERS
- 11 IMPEDANCE SELECTOR
(EXCEPT Singapore, Malaysia, Chinese model)
- 12 AC power cord
- 13 SWITCHED AC OUTLETS
(Outlet shape and position varies according to destination)
- 14 CENTER SPEAKER
- 15 REAR SPEAKERS
- 16 TAPE
- 17 DAT/MD
- 18 CD
- 19 PHONO
- 20 ANTENNA (AM/FM)
- 21 # ground terminal

This section is extracted from instruction manual.

Understanding How the Receiver Works: STR-DE805G

The remote control supplied with the STR-DE805 uses infrared (IR) rays to command the receiver and control the on-screen display. Since this receiver uses menu operations, you must connect a TV.



On-screen operation

- 1 The remote commander emits an infrared (IR) signal when you press direction control button (① above).
- 2 This controls the movement of the pointer (hand icon) in the on-screen display (② above).
- 3 When you move the pointer to an on-screen icon, and press the center of the direction control button, the infrared (IR) repeater transmits the corresponding IR control code to the respective program source (③ above).

If the screen does not appear or the pointer does not move when you press the direction control button
The IR code from the remote is not fully reaching the infrared receiver on the receiver (① above). Make sure there are no obstacles between the remote and the receiver.

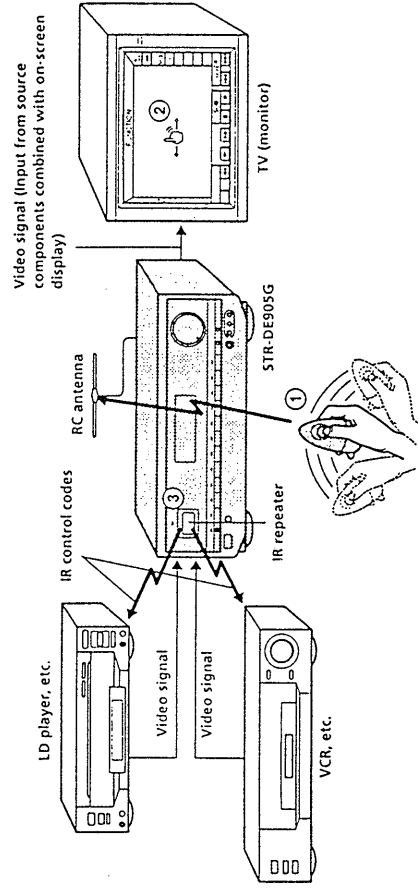
If the program source fails to respond or is slow to respond
The IR control code from the IR repeater is not fully reaching the infrared receiver on the program source. Connect the extra IR repeater (supplied) and position it facing the program source.

If some of the programmed on-screen controls are unresponsive or slow, rerecord the IR codes for those buttons.

Understanding How the Receiver Works: STR-DE905G

Before you can use the remote to control the receiver, you must connect the remote control (RC) antenna as shown below.

Steel beams within walls and other metallic objects may interfere with signal reception by the RC antenna. To prevent this, keep the RC antenna at least 20 inches (about 50 cm) away from all metallic objects. Since this receiver uses menu operations, you must connect a TV.



On-screen operation

- 1 The remote commander emits a constant radio frequency (RF) signal that conveys any movement of the remote commander to the receiver via the RC antenna (① above).
- 2 This controls the movement of the pointer (hand icon) in the on-screen display (② above).
- 3 When you move the pointer to an on-screen icon, and press the button on the remote, the infrared (IR) repeater transmits the corresponding IR control code to the respective program source (③ above).

If the screen flickers or the pointer does not move
The RF signal from the remote is being obstructed and is not reaching the RC antenna (① above). Reposition the RC antenna or bring the remote commander closer to the RC antenna.

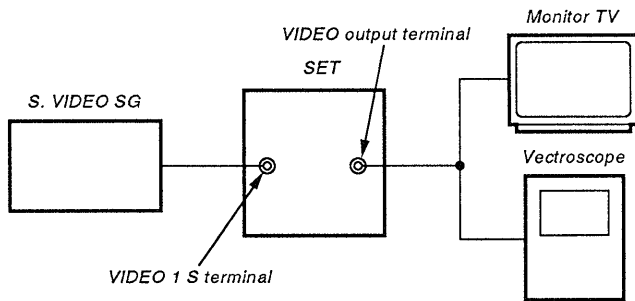
If the program source fails to respond or is slow to respond
The IR control code from the IR repeater is not fully reaching the infrared receiver on the program source. Connect the extra IR repeater (supplied) and position it facing the program source.

If some of the programmed on-screen controls are unresponsive or slow, rerecord the IR codes for those buttons.

SECTION 2 ELECTRICAL ADJUSTMENTS

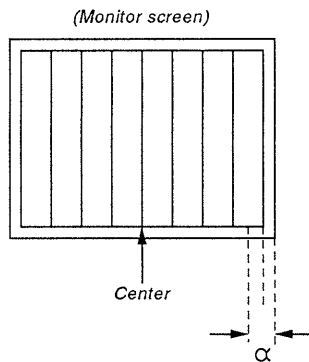
2-1. OSD Adjustment

Setting :

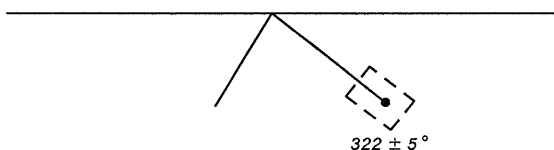


Procedure :

1. Turn the POWER switch ON, press VIDEO 1 and set the function to VIDEO 1. (The input signal set to OFF.)
2. Turn the POWER switch OFF, keep the TAPE, VIDEO 1, VIDEO 2 buttons depressed at the same time and then turn the POWER switch ON.
3. Check that the screen is just color bars, then adjust CT202 while watching the vectorscope.
When you turn CT202, there is a point at which the vectorscope display lock is lost. Turn CT202 in both directions and set it to the position midway between the two points at which the lock is lost.
4. Adjust CT201 so that the right edge of the color bars on the screen comes within the frame.
5. Turn the power switch OFF → ON.



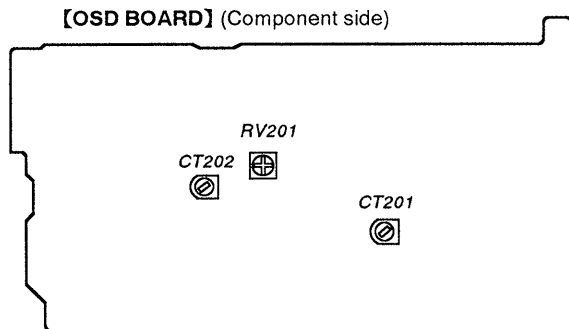
6. Input the video signals, put the system into superimpose mode, then operate the remote commander to switch on the cursor.
Adjust RV201 so that the blue or green has the same hue as when there is no input.



2-2. Initialization of the Microcomputer

Keep the TAPE and VIDEO button depressed simultaneously and then turn the POWER switch ON.

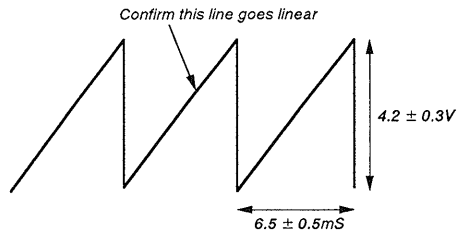
Adjustment Location :



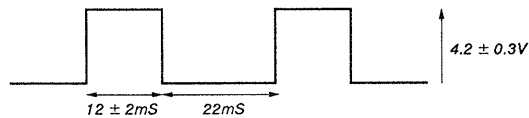
REMOTE CONTROL SECTION (STR-DE905G)

RM-VPI Electrical Adjustment

1. Short-circuit A and B without power supply (+3V).
2. Connector power supply (+3V).
3. When following waveform appears on XDAC, YDAC, it is good.

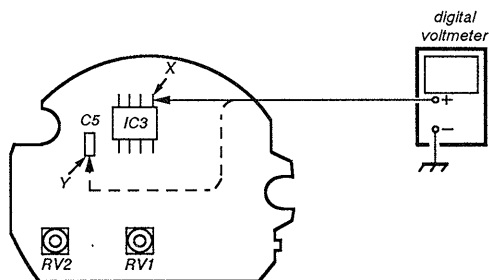


4. Turn power supply (+3V) OFF.
5. Remove A and B short-circuit position, short-circuit B and C.
6. Turn power supply (+3V) ON.
7. Set the remote commander at a standstill. adjust with RV1 so that X (IC3 ① pin) goes $+2.2 \pm 0.1V$ and with RV2 so that Y goes $+2.2 \pm 0.1V$.
8. AT CLK following waveform appears, it is good.



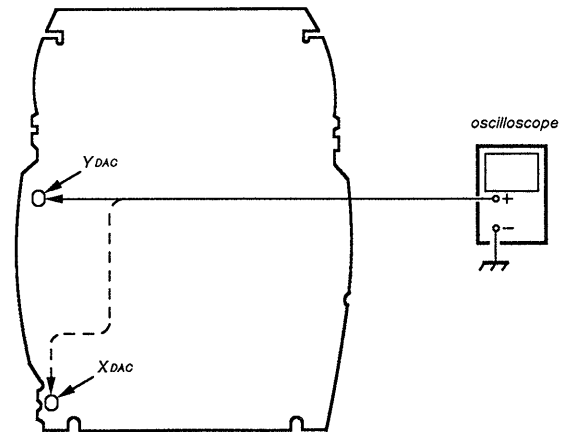
【SENSOR BOARD】

— Component side —



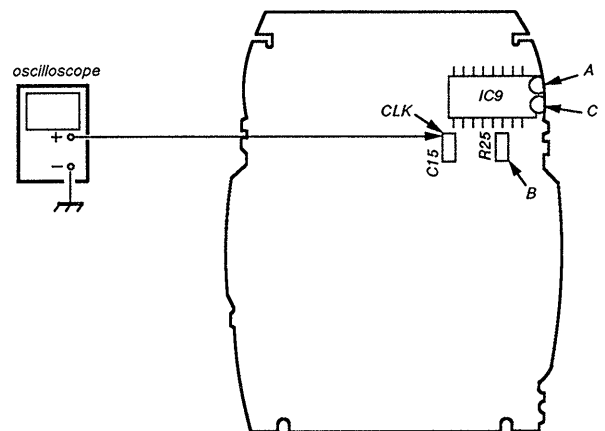
【REMOTE CONTROL BOARD】

— Conductor side —



【REMOTE CONTROL BOARD】

— Component side —



SECTION 3 EXPLANATION OF IC TERMINALS

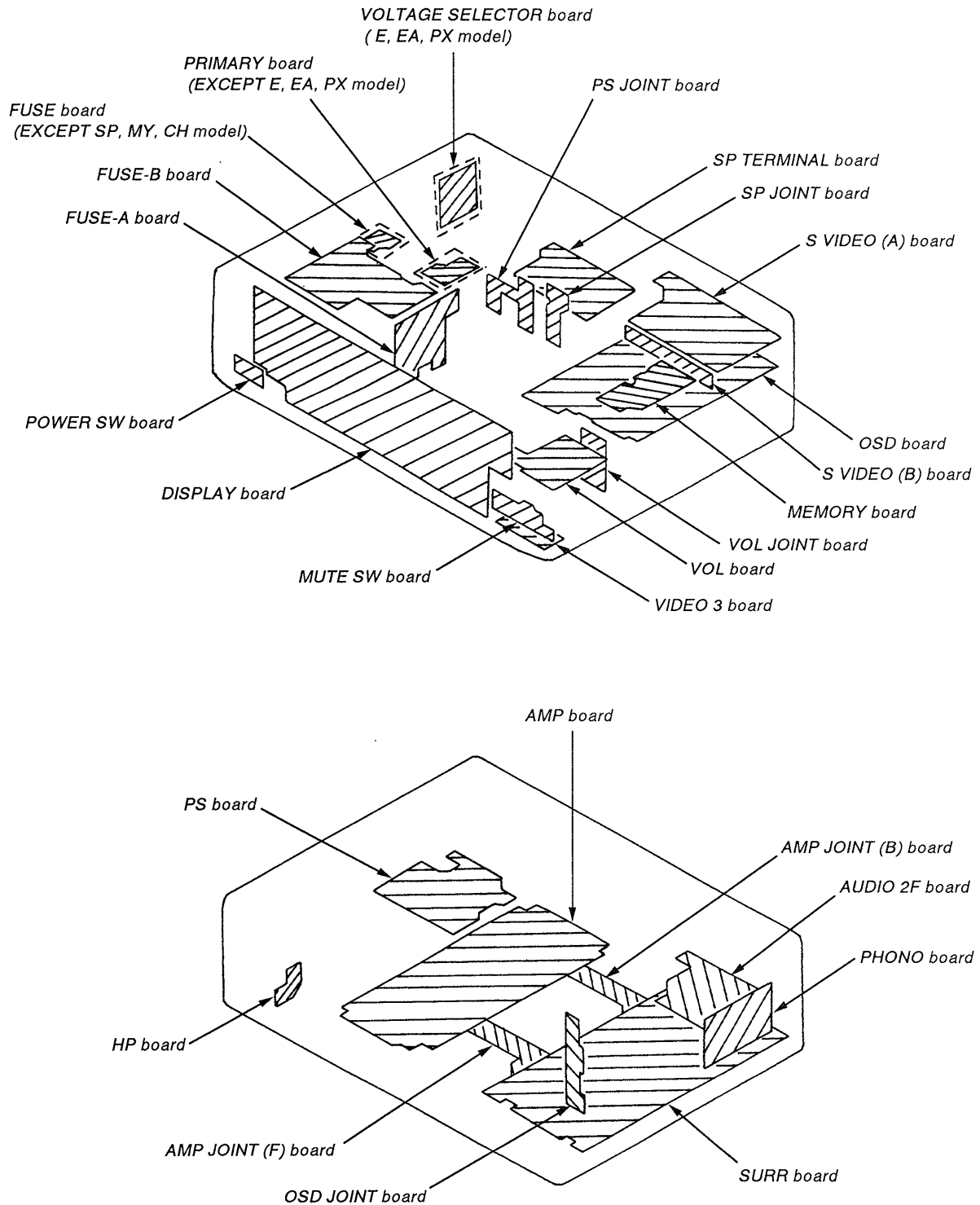
IC107 MB90673PF-G-113-BND

Pin No.	Pin name	I/O	Description
1	V-A	O	VIDEO A control terminal.
2	V-B	O	VIDEO B control terminal.
3	KI0	I	Key in 0.
4	KI1	I	Key in 1.
5	KI2	I	Key in 2.
6	KI3	I	Key in 3.
7	KI4	—	Not used (Low level).
8	KI5	—	Not used (Low level).
9	KI6	—	Not used (Low level).
10	IF DAT IN	I	PLL data input terminal.
11	Vss (D)	—	Digital for power supply (Connect to ground).
12	FL•LAT	O	FL latch output.
13	P•RY	O	Power relay drive.
14	RM INPUT	I	SIRCS signal input terminal.
15	BRIG RY	O	Bridgable relay drive.
16	SUR RY	O	Surround relay drive.
17	CENTER RY	O	Center relay drive.
18	FRONT RY	O	Speaker relay drive.
19	HP•RY	O	Phones really drive.
20	RX (SIN)	I	Surround signal input.
21	TX (SOUT)	O	Output signal input.
22	BUSY	O	Busy signal output.
23	FL•CLR	O	FL clear.
24	FL•DATA	O	FL data output.
25	FL•CLK	O	FL clock output.
26	PROT IN	I	Protector DET input.
27	4/8•INPUT	I	4-8 in.
28	Vcc (A)	—	Power supply for analog (+5V).
29	+AVREF	—	Reference voltage (+5V).
30	— AVREF	—	Reference voltage (Connect to ground).
31	GND	—	Power supply for digital (Connect to ground).
32	SIGNAL IN	—	A/D signal input terminal (Connect to ground).
33	NC	—	Not used (Connect to ground).
34	Vss (D)	—	Digital for power supply (Connect to ground).
35	A/D KEY IN	I	A/D key input.
36	NC	—	Not used. (Open)
37	VOL LED	O	Volume LED drive output.
38	VOL UP	O	Volume + control.
39	VOL DOWN	O	Volume — control.
40	— 20dB	O	— 20dB mute.

Pin No.	Pin name	I/O	Description
41	MODE 0	I	Mode select terminal (Connect to +5V).
42	MODE 1	I	Mode select terminal (Connect to +5V).
43	MODE 2	I	Mode select terminal (Connect to ground).
44	STANDBY	I	Standby terminal. (+5V)
45	STOP	I	Stop in.
46	V-INH	O	Video inhibit output. (Open)
47	RDS DATA	I	RDS data input.
48	RDS CLK	I	RDS clock input.
49	V-E	O	Video E control.
50	F•MUTE	O	Function mute control.
51	S•MUTE	O	Surround mute control.
52	D•LAT	O	Surround data latch output.
53	KO0	O	Key out 0.
54	KO1	O	Key out 1.
55	KO2	O	Key out 2.
56	KO3	O	Key out 3.
57	KO4	O	Key out 4.
58	KO5	O	Key out 5.
59	NC	—	Not used. (Open)
60	NC	—	Not used. (Open)
61	T•LAT	O	Tone latch output.
62	RESET	I	System reset terminal.
63	Vss (D)	—	Power supply for digital (Connect to ground).
64	XO	O	System clock OSC. (4.0MHz)
65	XI	I	System clock OSC. (4.0MHz)
66	Vcc (D)	—	Digital for power supply. (+5V)
67	LED CLR	O	LED data output . Not used (Open).
68	NC	—	Not used (Connect to ground).
69	NC	—	Not used (Connect to ground).
70	NC	—	Not used (Connect to ground).
71	NC	—	Not used (Connect to ground).
72	NC	—	Not used (Connect to ground).
73	S• POWER	I	Power key input terminal.
74	LED DATA	O	LED data output.
75	S CLK	O	Serial clock output.
76	S• DATA	O	Serial data output.
77	S LAT	O	Serial latch output.
78	AUTO STOP	I	Auto stop DET.
79	T•MUTE	O	Tuner mute control output.
80	STEREO	I	Stereo DET.

SECTION 4 DIAGRAMS

4-1. CIRCUIT BOARDS LOCATION



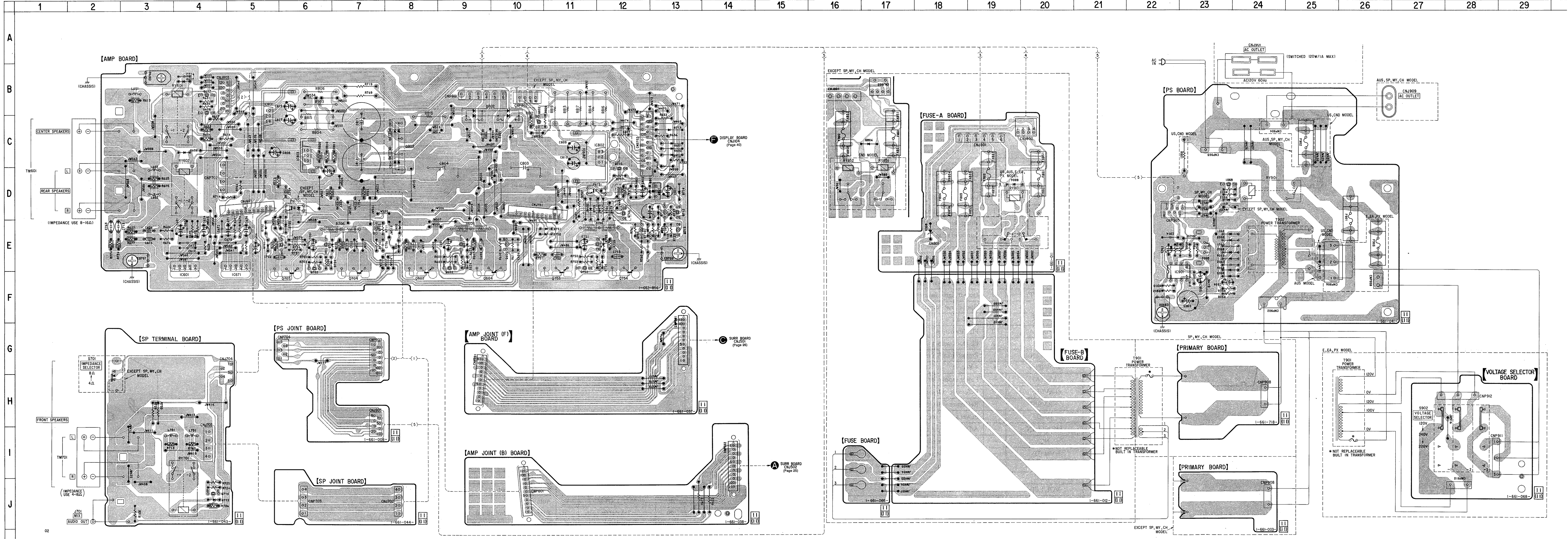
● SEMICONDUCTOR LOCATION

Ref. No.	Location	Ref. No.	Location
D601	E - 8	IC601	E - 4
D602	E - 8	IC671	E - 5
D603	E - 9	IC801	C - 5
D604	E - 9	IC802	C - 12
D607	B - 4	IC803	C - 6
D608	C - 4	IC901	F - 22
D631	C - 13		
D632	C - 13		
D701	E - 5	Q601	E - 9
D702	E - 5	Q602	E - 9
		Q603	F - 8
D703	E - 6	Q604	F - 9
D704	E - 6	Q605	E - 10
D705	E - 6		
D710	E - 12	Q607	B - 4
D711	D - 13	Q608	B - 4
		Q701	E - 6
		Q702	E - 6
		Q703	F - 6
D712	J - 4		
D713	C - 13	Q704	F - 7
D714	D - 13	Q705	E - 7
D716	C - 13	Q711	D - 13
D751	E - 11	Q712	D - 13
		Q713	E - 13
D752	E - 11		
D753	E - 12	Q714	J - 4
D754	E - 12	Q715	D - 12
D755	D - 11	Q716	E - 6
D801	D - 12	Q751	E - 11
		Q752	E - 11
D802	C - 9		
D803	C - 8	Q753	F - 11
D804	D - 19	Q754	F - 12
D901	E - 23	Q755	E - 12
D902	E - 23	Q766	D - 12
		Q801	D - 13
D903	E - 23		
D904	E - 23	Q802	C - 10
D905	F - 23	Q901	D - 23
D906	F - 23	Q902	E - 23
D907	D - 23		
D908	E - 18		

Note:

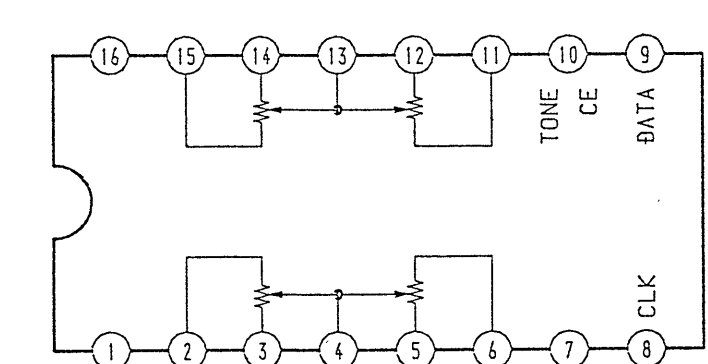
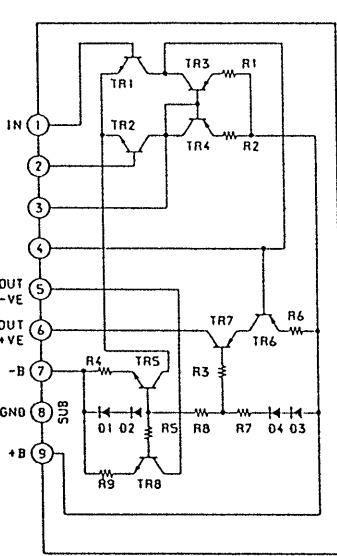
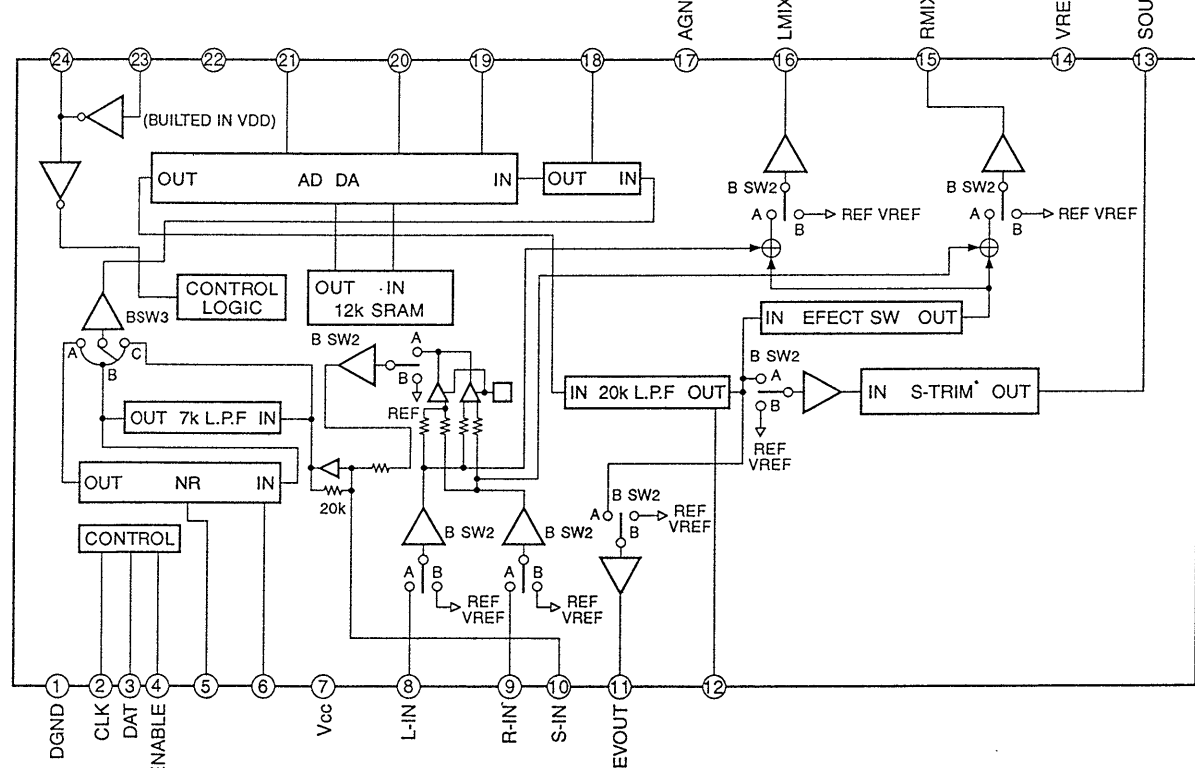
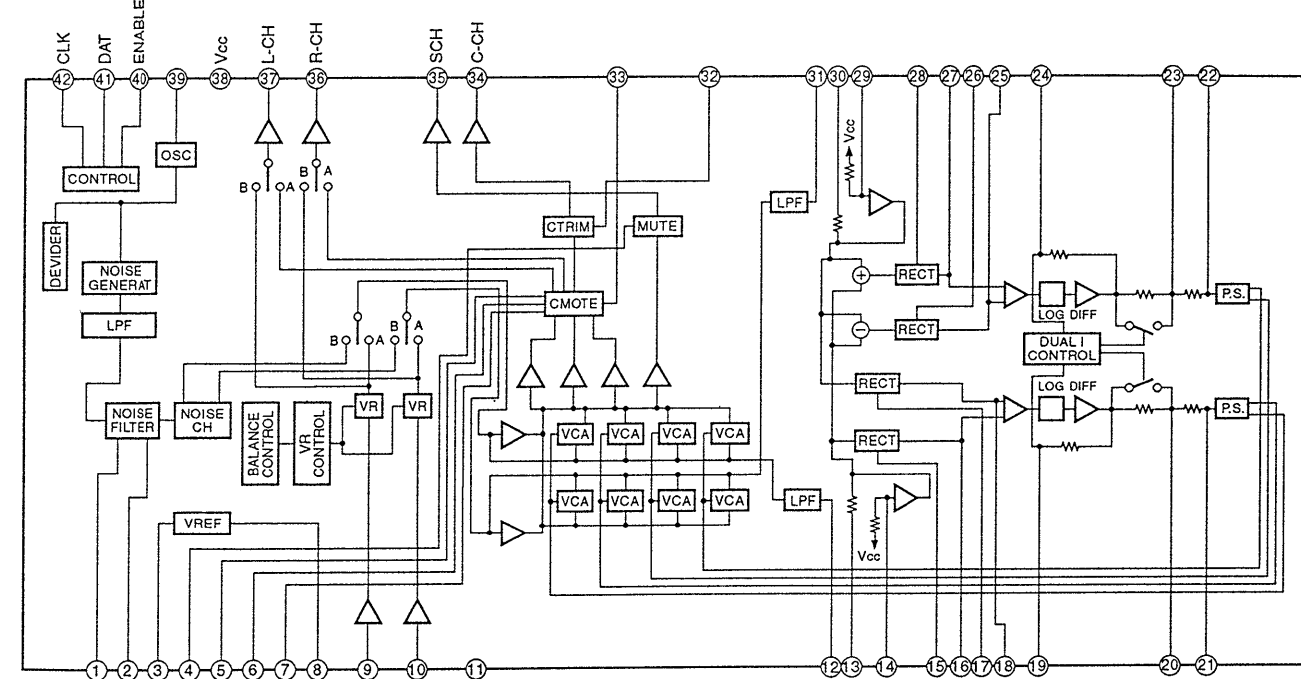
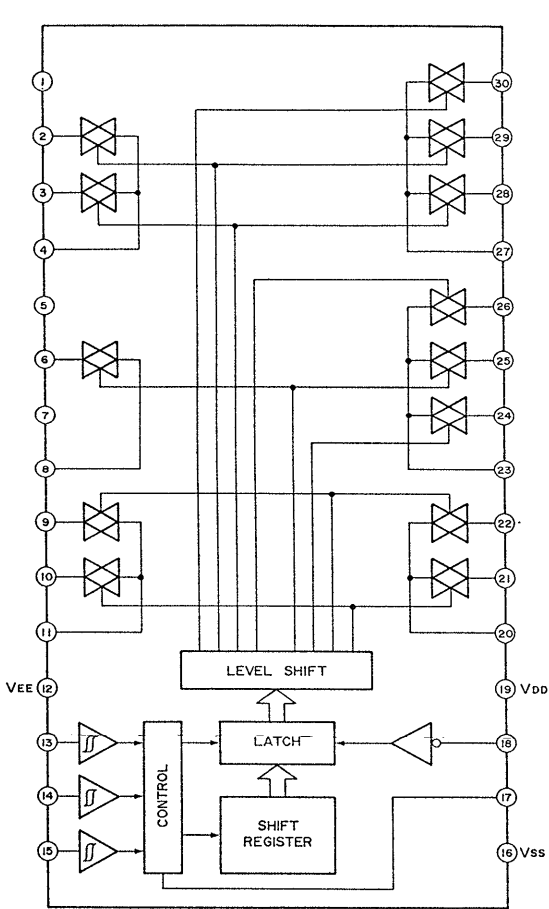
- : parts extracted from the component side.
- ⊙ : Pattern on the side which is seen.
- Abbreviation
CND : Canadian
AUS : Australian
CH : Chinese
SP : Singapore
MY : Malaysia
EA : Saudi Arabia

4-2. PRINTED WIRING BOARDS (AMP SECTION)





IC401 LA2785



①

8MHz

5.1V_{p-p}

IC402 ②

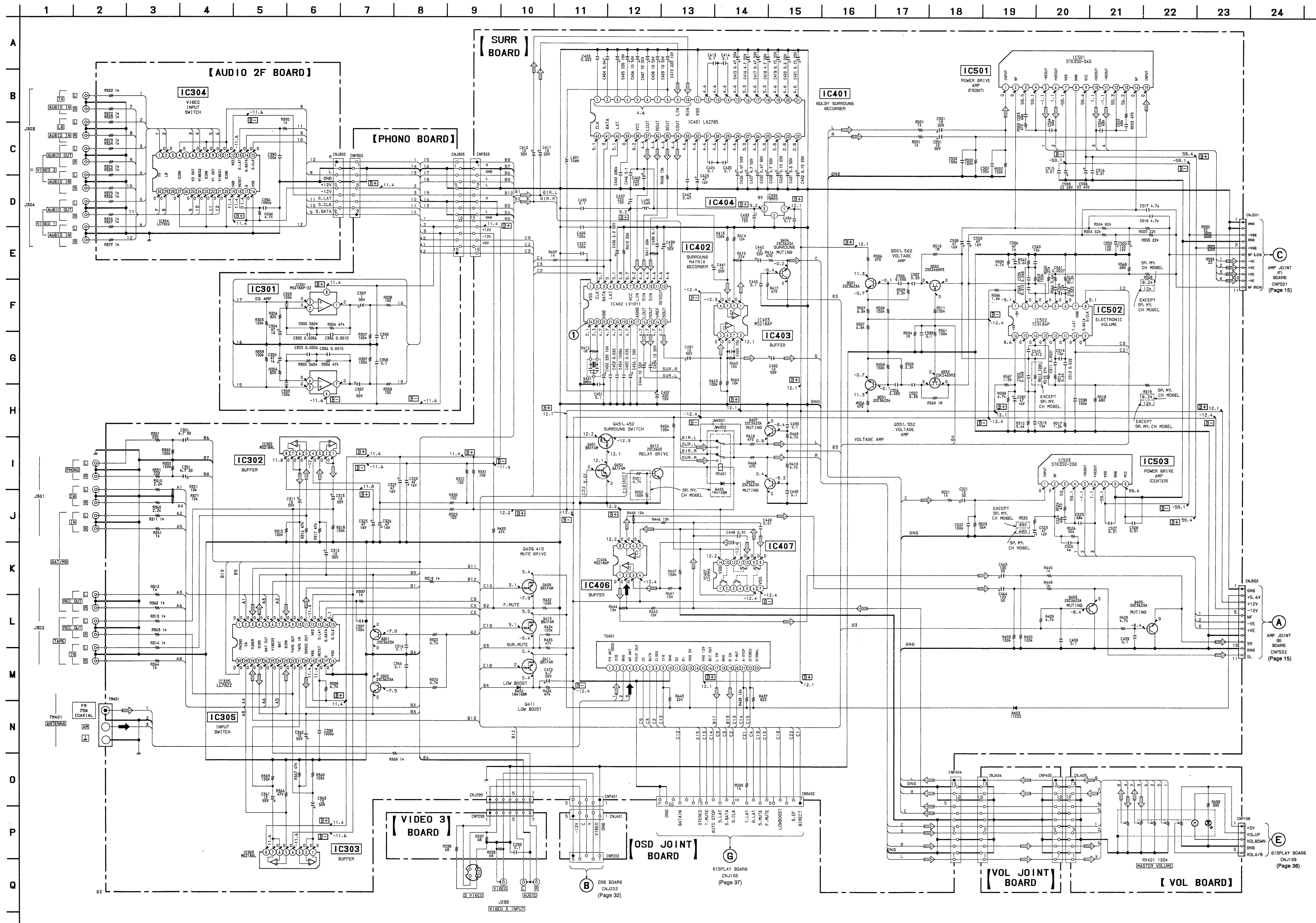
- All capacitors are in μF unless otherwise noted. pF: μF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $\frac{1}{4}W$ or less unless otherwise specified.
- Δ : internal component.
-  : nonflammable resistor.

Note : The components identified by mark  or dotted line with mark  are critical for safety. Replace only with part number specified.	Note : Les composants identifiés par une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.
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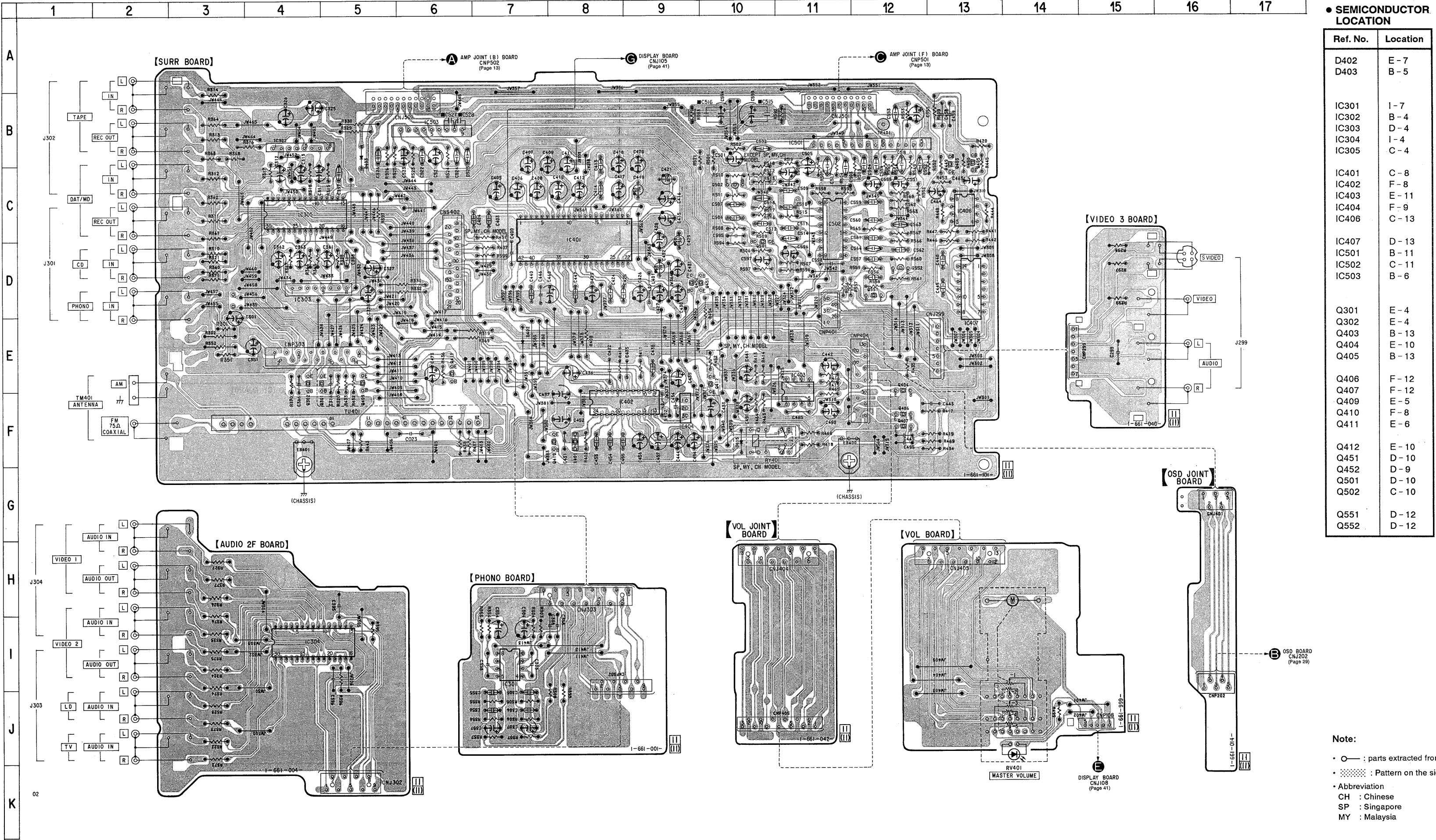
Note : The components identified by mark  or dotted line with mark  are critical for safety. Replace only with part number specified.	Note : Les composants identifiés par une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.
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- **[B+]** : B+ Line
- **[B-]** : B- Line
- Voltage and waveforms are dc with respect to ground under no-signal (detuned) conditions.
- Voltages are taken with a VOM (Input impedance 10M Ω). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with an oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
 - ➡ : FM
 - ➡ : AM
- Abbreviation
 - CH : Chinese
 - SP : Singapore
 - MY : Malaysia

4-4. SCHEMATIC DIAGRAM (SURROUND SECTION)

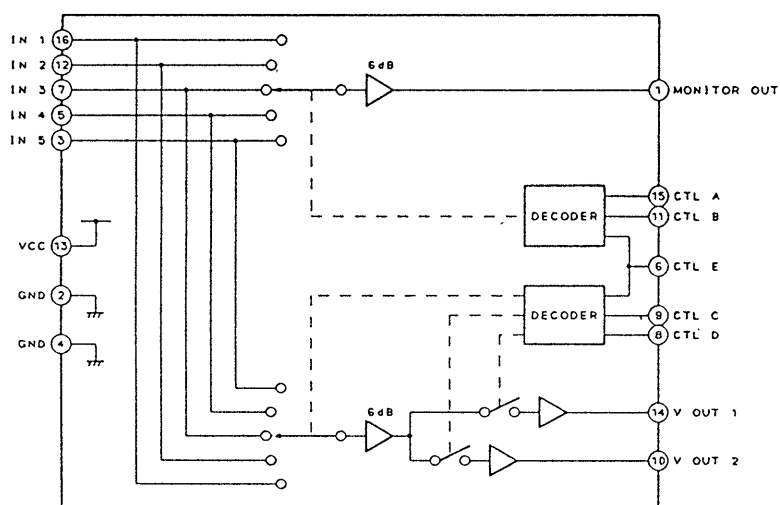


4-5. PRINTED WIRING BOARDS (SURROUND SECTION)

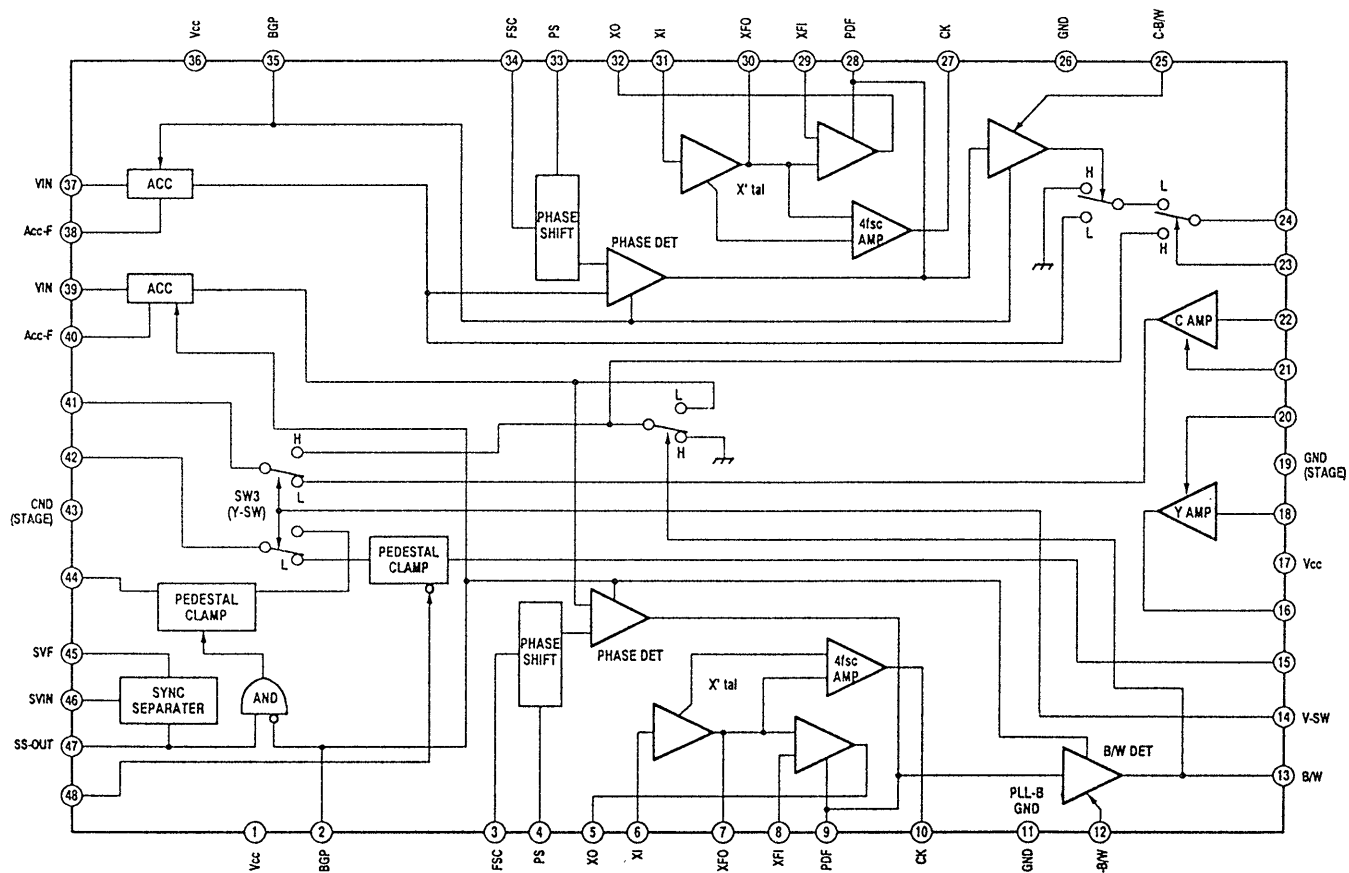


• IC BLOCK DIAGRAMS – OSD SECTION –

IC203, 204, 211 SN761200



IC214 MB3512PFQ



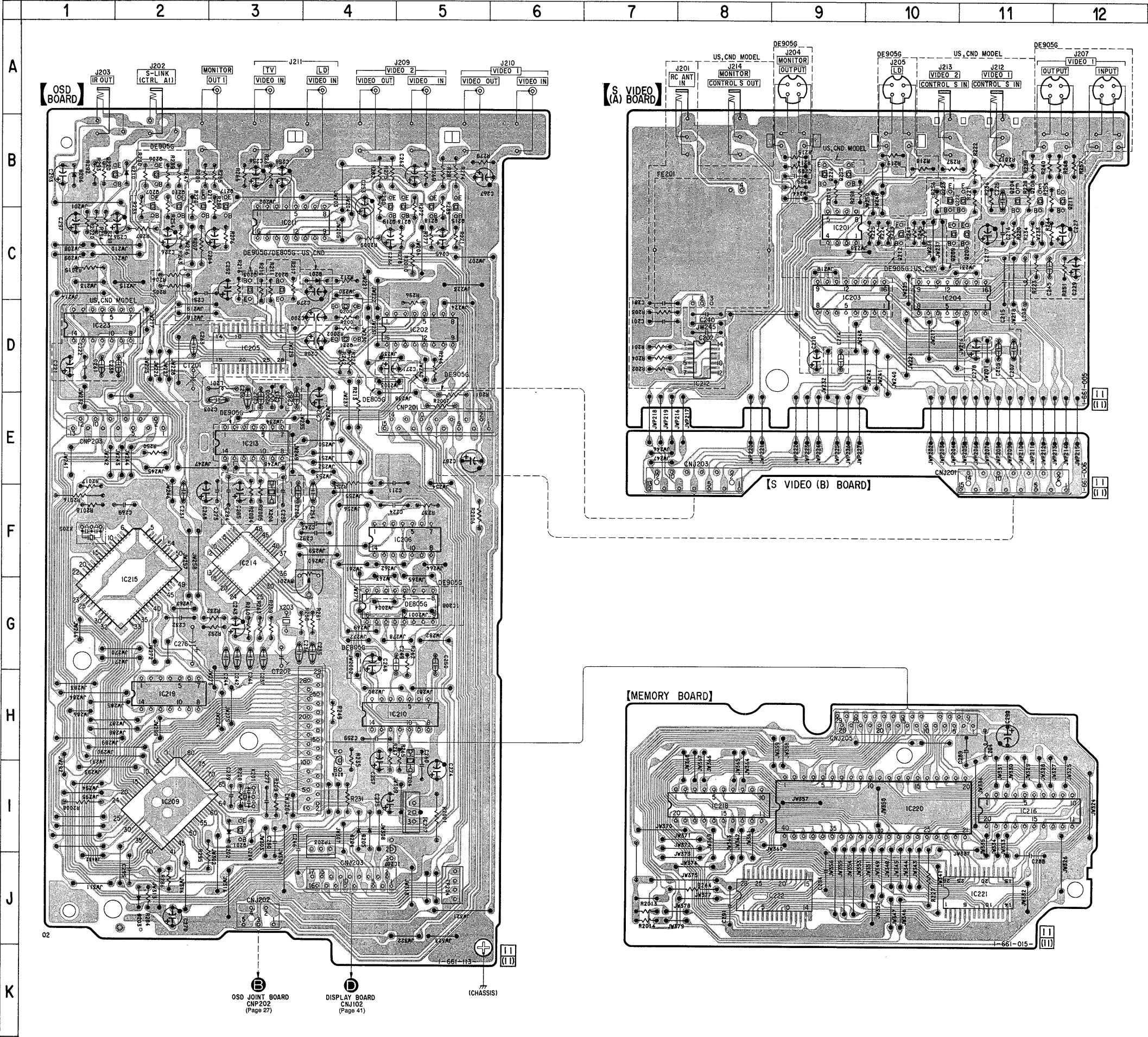
4-6. PRINTED WIRING BOARDS (OSD SECTION)

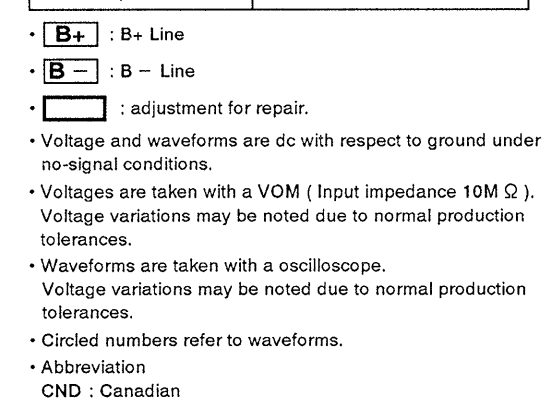
• SEMICONDUCTOR LOCATION

Ref. No.	Location	Ref. No.	Location
D201	C - 4	Q200	D - 4
D202	I - 3	Q201	I - 3
D203	J - 2	Q202	C - 3
D204	I - 4	Q203	C - 3
D205	I - 4	Q204	I - 4
		(OSD BOARD)	
D206	B - 1		
D210	B - 2	Q204	B - 11
		(S VIDEO (A) BOARD)	
IC201	C - 9	Q205	C - 11
IC202	D - 5	Q206	B - 2
IC203	C - 9	Q207	B - 2
IC204	C - 10	Q208	B - 11
IC205	D - 3		
		Q209	C - 10
IC506	F - 5	Q210	B - 2
IC207	J - 4	Q211	B - 12
IC208	G - 5	Q212	C - 10
IC209	I - 2	Q214	B - 2
IC210	H - 5		
		Q215	C - 5
IC211	C - 3	Q216	C - 4
IC212	D - 8	Q217	B - 3
IC213	E - 3	Q218	C - 4
IC214	F - 3	Q219	C - 4
IC215	F - 2		
		Q220	B - 1
IC216	I - 11	Q221	D - 4
IC217	I - 5	Q222	B - 10
IC218	I - 8	Q223	B - 10
IC219	H - 2	Q225	B - 9
IC220	I - 10		
		Q226	B - 9
IC221	J - 11		
IC222	J - 9		
IC223	D - 1		

Note:

- : parts extracted from the component side.
- ▨ : Pattern on the side which is seen.
- Abbreviation
CND : Canadian

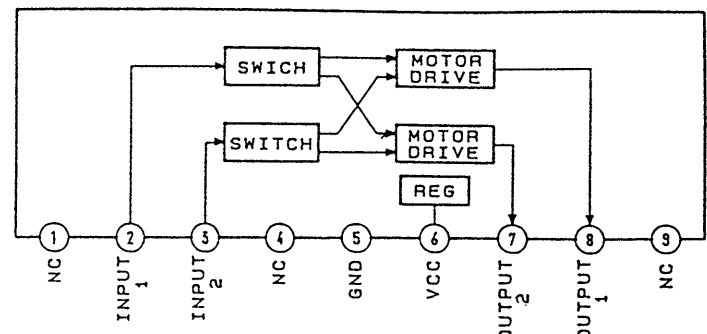




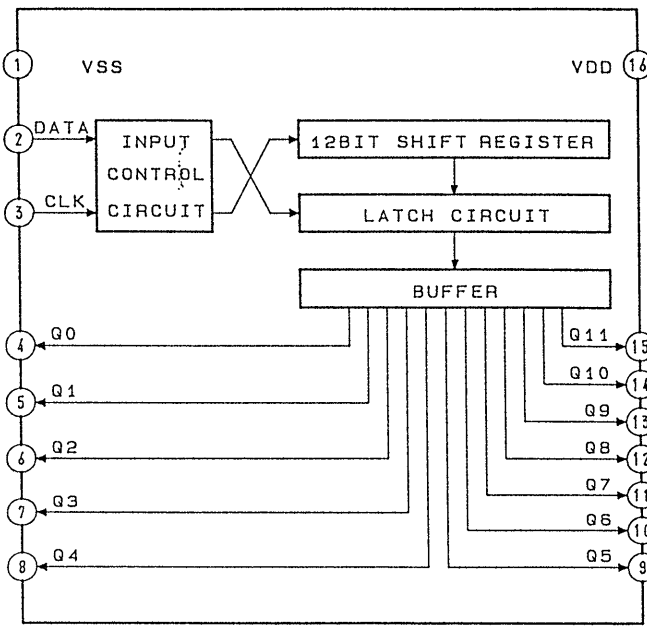
4-8. SCHEMATIC DIAGRAM (DISPLAY SECTION)

• IC BLOCK DIAGRAMS – DISPLAY SECTION –

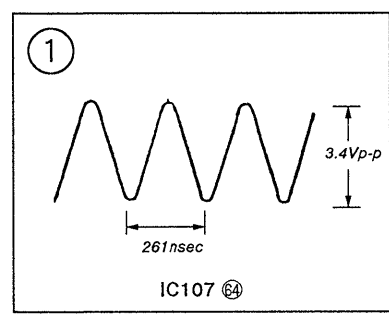
IC106 BA6208



IC108 M50253P



• WAVEFORM



Note :

- All capacitors are in μ F unless otherwise noted. pF: μ F 50V or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $\frac{1}{4}$ W or less unless otherwise specified.
- Δ : internal component.
- $\square$: nonflammable resistor.

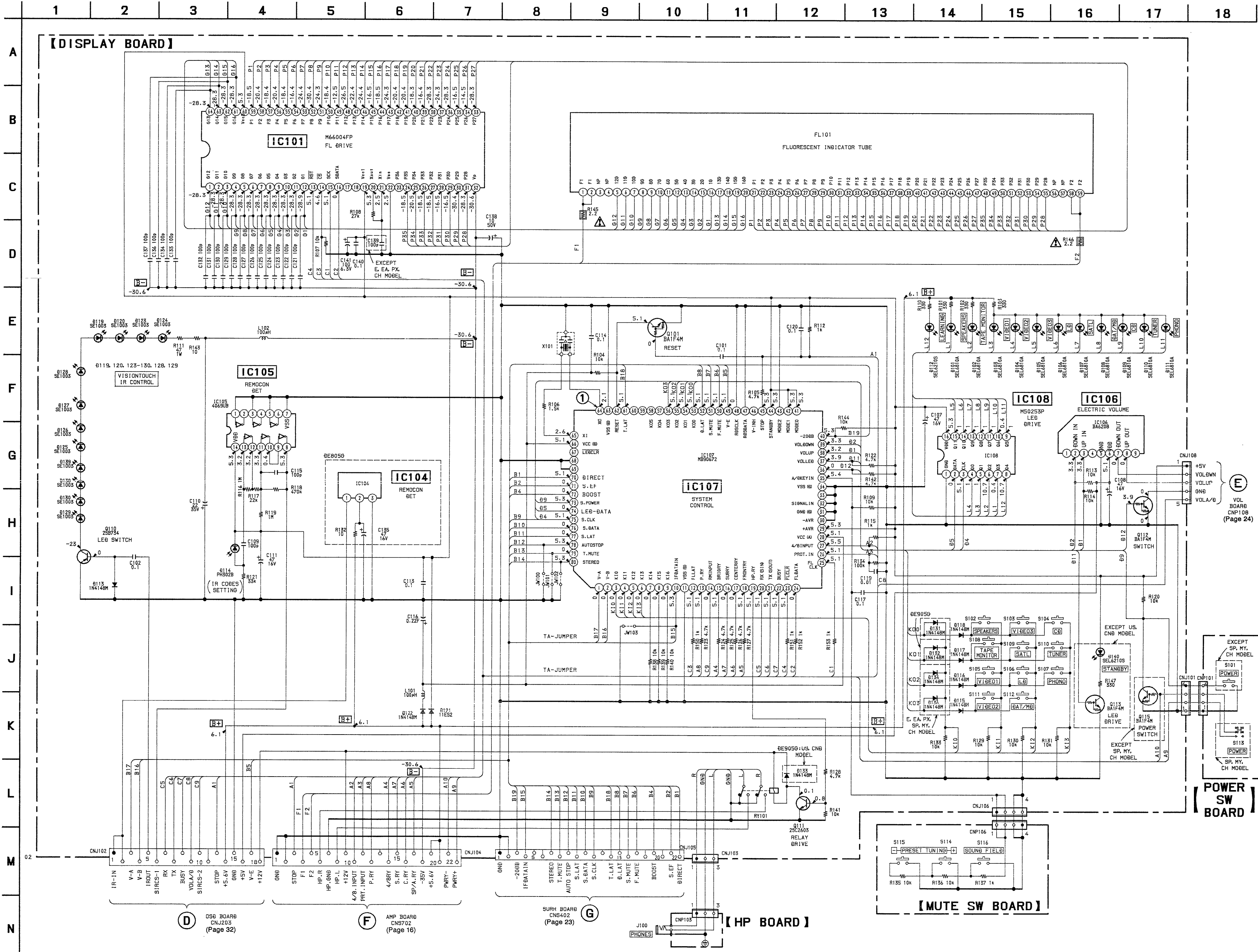
Note :

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

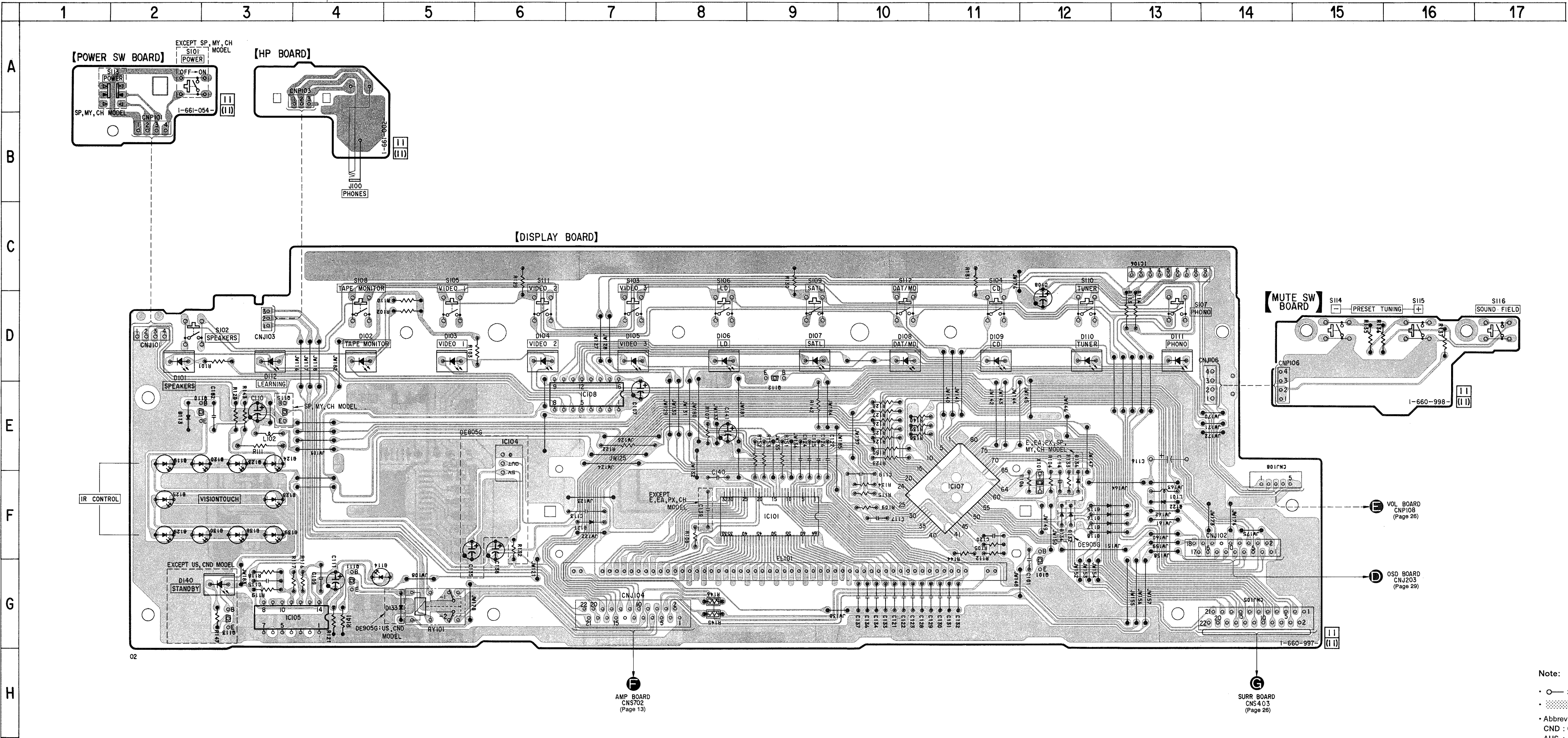
Note :

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

- [B+] : B+ Line
- Voltage and waveforms are dc with respect to ground under no-signal conditions.
- Voltages are taken with a VOM (Input impedance 10M Ω). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with an oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Abbreviation
CND : Canadian
AUS : Australian
CH : Chinese
SP : Singapore
MY : Malaysia
EA : Saudi Arabia



4-9. PRINTED WIRING BOARDS (DISPLAY SECTION)



● SEMICONDUCTOR LOCATION	
Ref. No.	Location
D101	D - 2
D102	D - 4
D103	D - 5
D104	D - 6
D105	D - 7
D106	D - 8
D107	D - 9
D108	D - 10
D109	D - 11
D110	D - 12
D111	D - 13
D112	D - 3
D113	E - 2
D114	G - 4
D115	F - 12
D116	F - 12
D117	F - 12
D118	F - 12
D119	E - 2
D120	E - 3
D121	F - 7
D122	F - 13
D123	E - 3
D124	E - 3
D125	F - 2
D128	F - 3
D129	F - 3
D130	F - 3
D132	F - 12
D133	G - 5
D134	F - 12
D136	F - 12
D138	F - 12
D139	F - 12
D140	G - 2
IC101	F - 9
IC104	E - 6
IC105	G - 3
IC106	C - 13
IC107	F - 11
IC108	E - 7
Q101	G - 12
Q110	E - 2
Q111	G - 4
Q112	D - 9
Q113	G - 3
Q115	E - 3

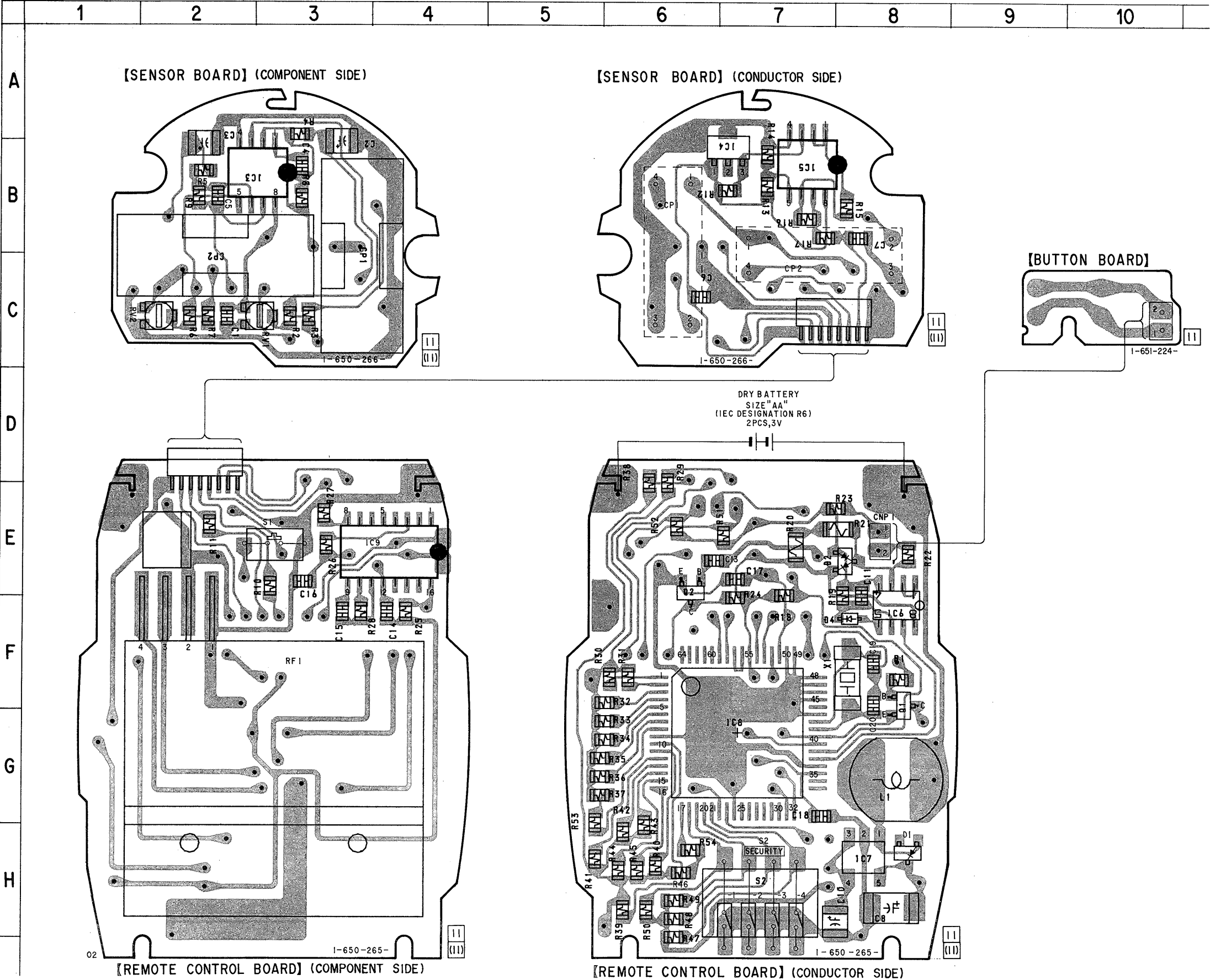
Note:

- * O : parts extracted from the component side.
- * Pattern on the side which is seen.
- Abbreviation
CND : Canadian
AUS : Australian
CH : Chinese
SP : Singapore
MY : Malaysia
EA : Saudi Arabia

4-10. PRINTED WIRING BOARDS (REMOTE CONTROL SECTION) (DE905G)

● SEMICONDUCTOR LOCATION

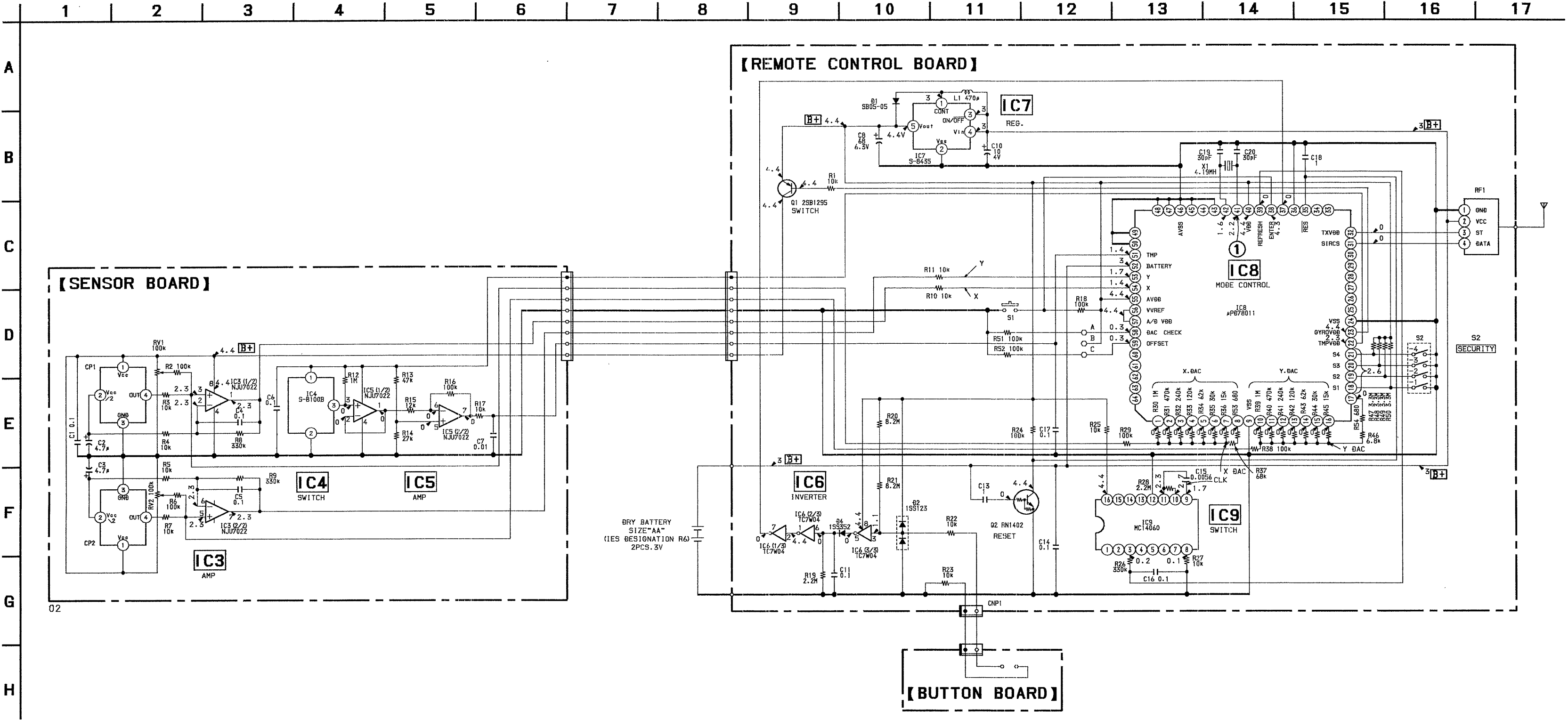
Ref. No.	Location
D1	H-8
D2	E-8
D4	F-8
IC3	B-3
IC4	B-7
IC5	B-7
IC6	F-8
IC7	H-8
IC8	G-7
IC9	E-4
Q1	F-8
Q2	E-6



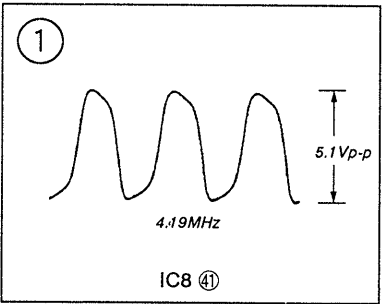
Note:

- : parts extracted from the component side.
- ⊞ : Pattern on the side which is seen.

4-11. SCHEMATIC DIAGRAM (REMOTE CONTROL SECTION) (DE905G)



• WAVEFORM



Note :

- All capacitors are in μ F unless otherwise noted. pF: μ μ F
- 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $\frac{1}{4}W$ or less unless otherwise specified.
- **B+** : B+ Line
- Power voltage is dc 3V and fed with regulated dc power supply from external power voltage jack.
- Voltage and waveforms are dc with respect to ground under no-signal conditions.
- Voltages are taken with a VOM (Input impedance 10M Ω). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with an oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.

SECTION 5 EXPLODED VIEWS

NOTE :

- -XX, -X mean standardized parts, so they may have some difference 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.
- Hardware (# mark) list and accessories and packing materials are given in the last of this parts list.

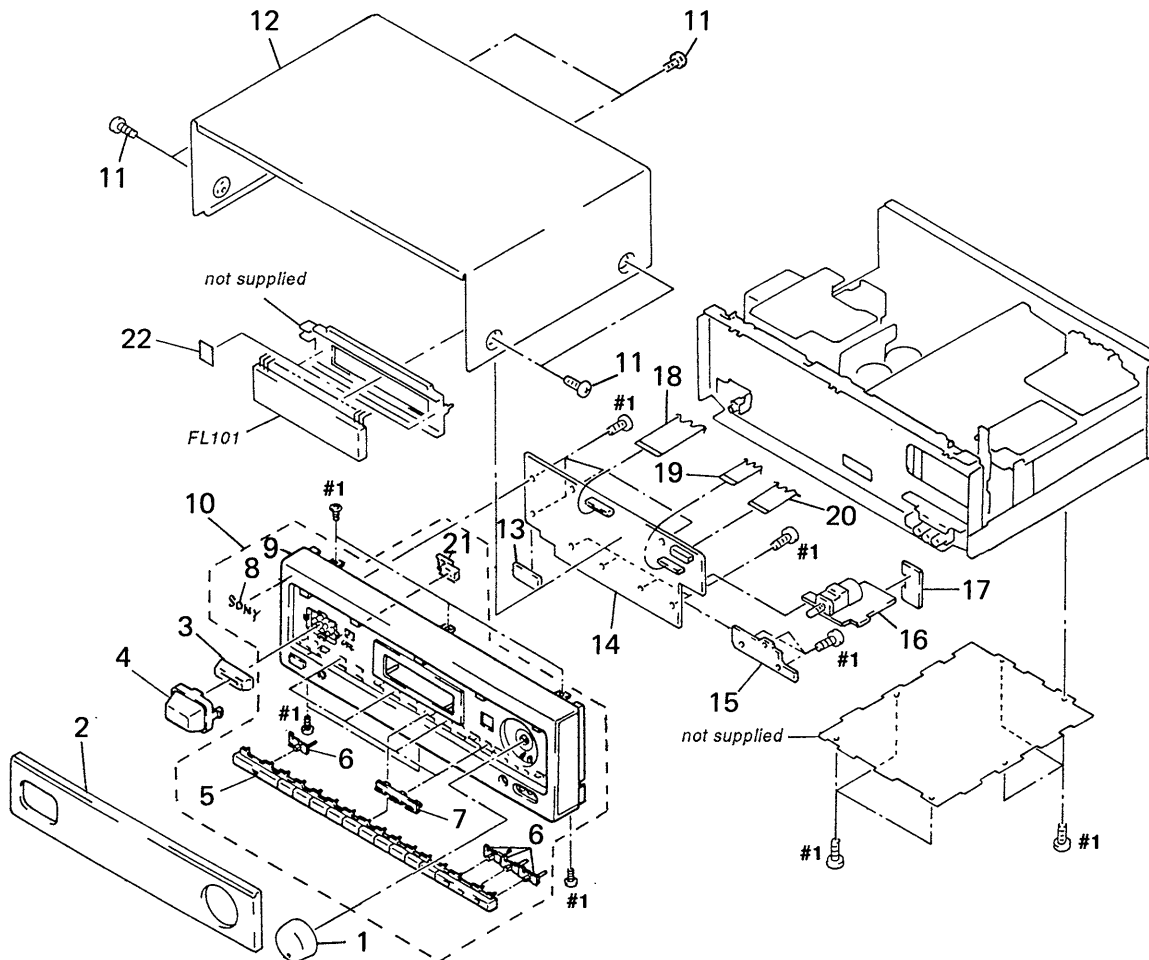
● Abbreviation

CND : Canadian	SP : Singapore
AUS : Australian	MY : Malaysia
CH : Chinese	EA : Saudi Arabia

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

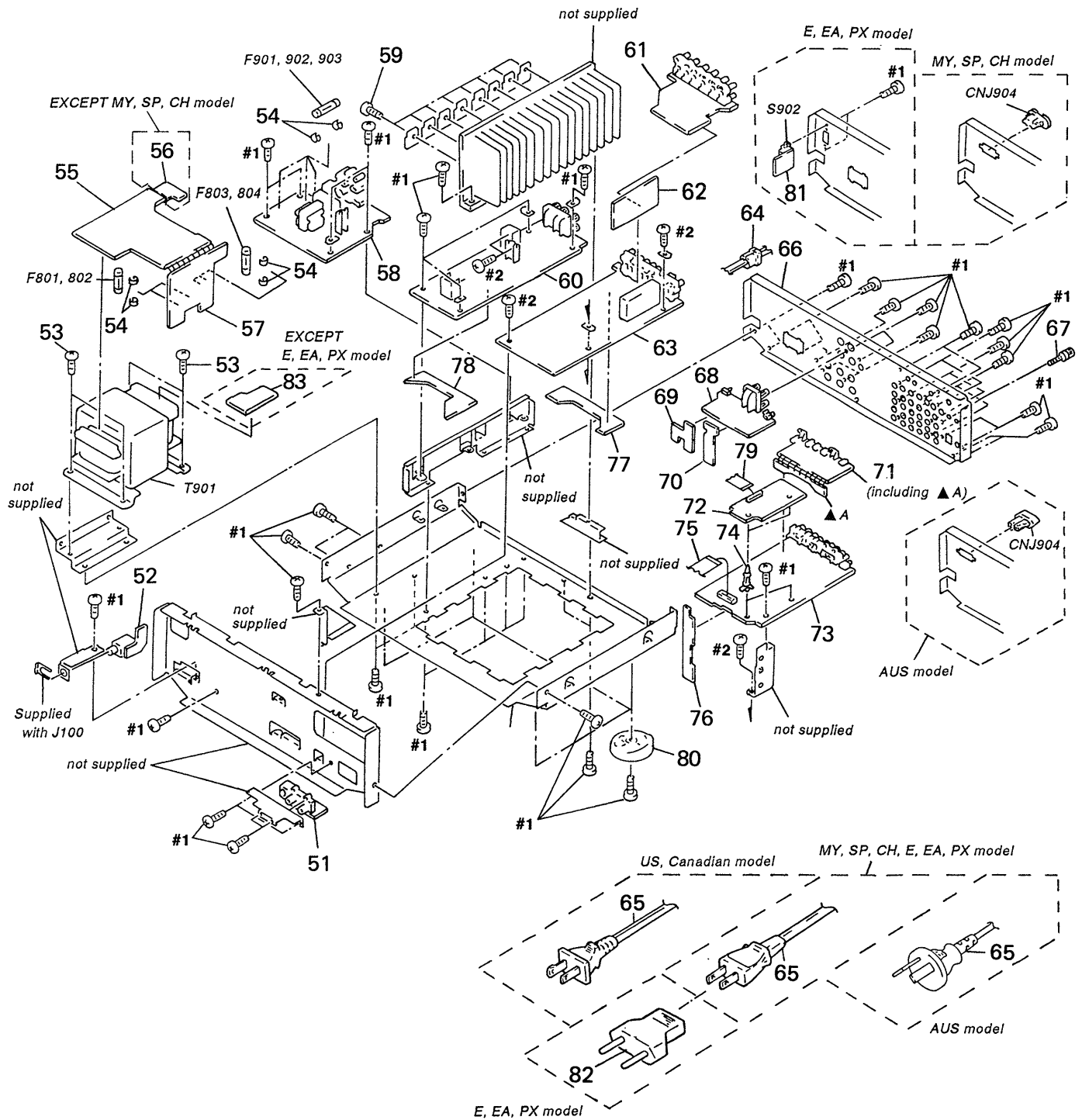
Les composants identifiés par une marque $\triangle$ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

5-1. FRONT PANEL SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1	X-4947-074-1	KNOB (R48) ASSY		* 12	4-982-682-01	CASE (414532) (EXCEPT SP,MY,CH)	
2	4-982-069-01	PLATE (A9), INDICATION (DE905G:US,CND)		* 13	1-661-054-11	POWER SW BOARD	
2	4-982-069-11	PLATE (A9), INDICATION (DE805G:US,CND)		* 14	A-4390-249-A	DISPLAY BOARD, COMPLETE (DE905G:US,CND)	
2	4-982-069-41	PLATE (A9), INDICATION (DE805G:EXCEPT US,CND)		* 14	A-4390-282-A	DISPLAY BOARD, COMPLETE (DE905G:AUS)	
2	4-982-069-51	PLATE (A9), INDICATION (DE905G:AUS)		* 14	A-4390-286-A	DISPLAY BOARD, COMPLETE (DE805G:US,CND)	
3	4-974-125-01	REFLECTOR (LED)		* 14	A-4390-291-A	DISPLAY BOARD, COMPLETE (DE805G:AUS)	
4	4-974-131-01	COVER (LED)		* 14	A-4390-293-A	DISPLAY BOARD, COMPLETE (DE805G:E,EA,PX)	
5	4-974-135-21	BUTTON (F)		* 14	A-4390-296-A	DISPLAY BOARD, COMPLETE (DE805G:MY,SP,CH)	
6	4-974-134-01	BUTTON (S)		* 15	1-660-998-11	MUTE SW BOARD	
7	4-974-132-01	INDICATOR (F)		* 16	1-660-999-11	VOL BOARD	
8	4-963-404-21	EMBLEM (5-A), SONY		* 17	1-661-042-11	VOL JOINT BOARD	
9	4-982-070-01	PANEL (A9), FRONT (DE905G)		18	1-773-709-11	WIRE (FLAT TYPE) (21 CORE)	
9	4-982-070-11	PANEL (A9), FRONT (DE805G)		19	1-773-638-11	WIRE (FLAT TYPE) (17 CORE)	
10	X-4947-524-1	PANEL ASSY, FRONT (DE905G)		20	1-773-723-11	WIRE (FLAT TYPE) (21 CORE)	
10	X-4947-525-1	PANEL ASSY, FRONT (DE805G)		21	4-979-936-01	BUTTON (P-T)	
11	3-704-366-01	SCREW (CNDSE) (M3X8)		* 22	4-921-941-01	CUSHION (FL)	
12	4-979-945-81	CASE (414532) (DE805G:SP,MY,CH)		FL101	1-517-519-11	INDICATOR TUBE, FLUORESCENT	

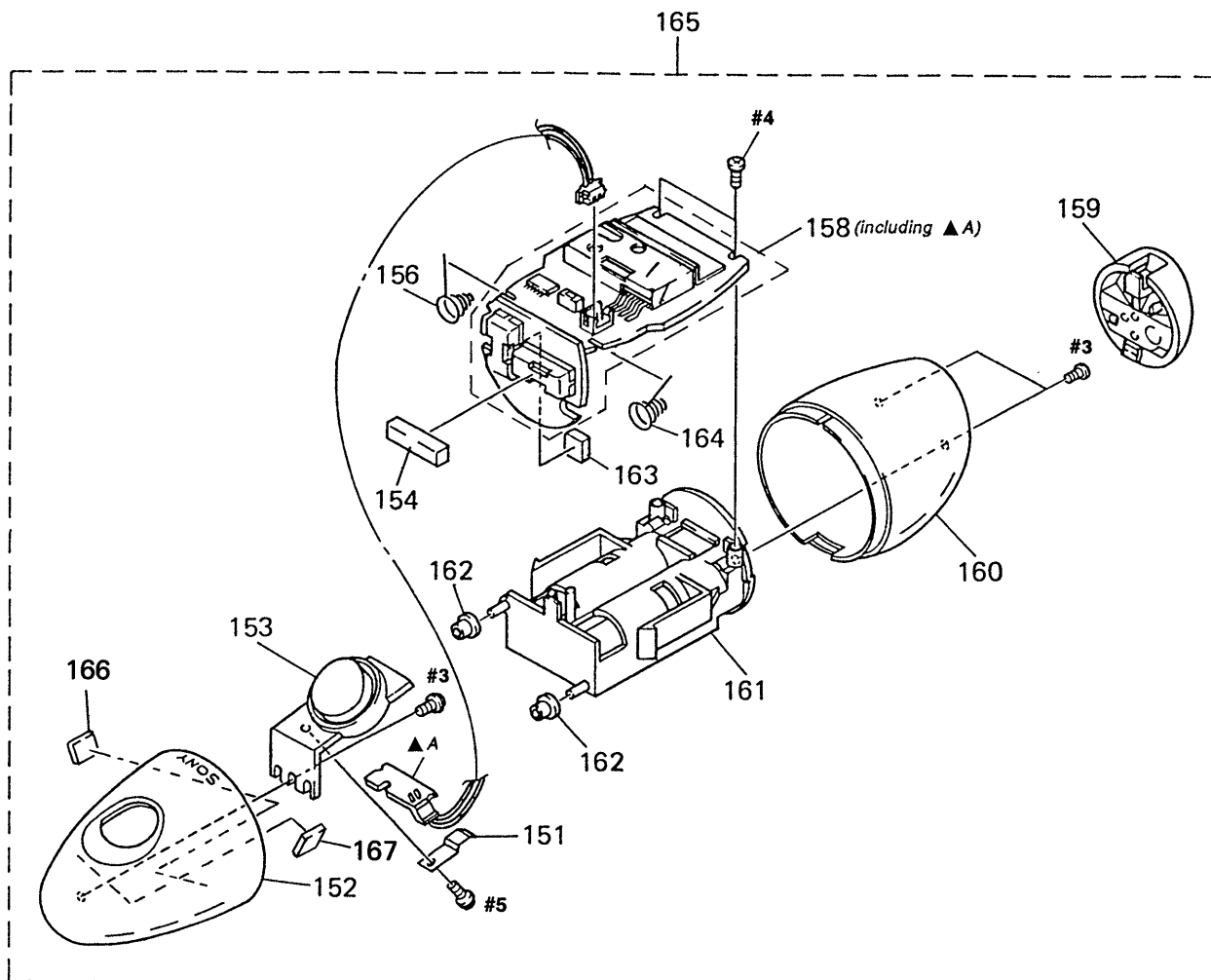
5-2. CHASSIS SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
* 51	1-661-040-11	VIDEO 3 BOARD		* 73	A-4390-285-A	OSD BOARD, COMPLETE (DE905G:AUS)	
* 52	1-661-002-11	HP BOARD		* 73	A-4390-289-A	OSD BOARD, COMPLETE (DE805G:US,CND)	
53	4-381-962-11	SCREW +BVTT 4X8 (S)		* 73	A-4390-292-A	OSD BOARD, COMPLETE (DE805G:MY,SP,CH,AUS)	
54	1-533-217-31	HOLDER, FUSE		* 73	A-4390-295-A	OSD BOARD, COMPLETE (DE805G:E,EA,PX)	
* 55	1-661-033-11	FUSE-B BOARD (SP,MY,CH)		* 74	3-703-353-07	SUPPORT, PC BOARD	
* 55	1-661-012-11	FUSE-B BOARD (EXCEPT SP,MY,CH)		75	1-773-638-11	WIRE (FLAT TYPE) (17 CORE)	
* 56	1-661-066-11	FUSE BOARD (EXCEPT SP,MY,CH)		* 76	1-661-014-11	OSD JOINT BOARD	
* 57	1-661-032-11	FUSE-A BOARD (SP,MY,CH)		* 77	1-661-038-11	AMP JOINT (B) BOARD	
* 57	1-661-011-11	FUSE-A BOARD (EXCEPT SP,MY,CH)		* 78	1-661-037-11	AMP JOINT (F) BOARD	
* 58	A-4390-265-A	PS BOARD, COMPLETE (US,CND)		79	1-773-840-11	WIRE (FLAT TYPE) (29 CORE)	
* 58	A-4390-278-A	PS BOARD, COMPLETE (DE805G:E,EA,PX)		80	X-4947-025-1	FOOT ASSY	
* 58	A-4390-284-A	PS BOARD, COMPLETE (AUS)		* 81	1-661-068-11	VOLTAGE SELECTOR BOARD (E,EA,PX)	
* 58	A-4390-300-A	PS BOARD, COMPLETE (DE805G:MY,SP,CH)		82	1-569-008-11	ADAPTOR, CONVERSION 2P (E,EA,PX)	
59	3-905-609-01	SCREW (TRANSISTOR)		* 83	1-661-718-11	PRIMARY BOARD (SP,MY,CH)	
* 60	A-4390-258-A	AMP BOARD, COMPLETE (EXCEPT SP,MY,CH)		* 83	1-661-003-11	PRIMARY BOARD (DE905G/DE805G:US,CND,AUS)	
* 60	A-4390-297-A	AMP BOARD, COMPLETE (DE805G:MY,SP,CH)		△ CNJ904	1-251-078-11	OUTLET, AC. (AUS)	
* 61	1-661-004-11	AUDIO 2F BOARD		△ CNJ904	1-526-794-11	OUTLET, AC (MY,SP,CH)	
* 62	1-661-001-11	PHONO BOARD		△ F801	1-532-506-51	FUSE, TIME LAG (T6.3AL/250V) (EXCEPT US,CND)	
* 63	A-4390-259-A	SURR BOARD, COMPLETE (EXCEPT AUS,SP,MY,CH)		△ F801	1-533-311-11	FUSE, GLASS CYLINDRICNDL(DIA.5) (8.0A/125V) (US,CND)	
* 63	A-4390-283-A	SURR BOARD, COMPLETE (AUS)		△ F802	1-532-506-51	FUSE, TIME LAG (T6.3AL/250V) (EXCEPT US,CND)	
* 63	A-4390-298-A	SURR BOARD, COMPLETE (DE805G:MY,SP,CH)		△ F802	1-533-311-11	FUSE, GLASS CYLINDRICNDL(DIA.5) (8.0A/125V) (US,CND)	
* 64	3-703-244-00	BUSHING (2104), CORD		△ F803	1-532-504-51	FUSE, TIME LAG (T4.0AL/250V) (EXCEPT US,CND)	
△ 65	1-696-847-11	CORD, POWER (AUS)		△ F803	1-576-108-11	FUSE, (4.0A/125V)(US,CND)	
△ 65	1-769-743-11	CORD, POWER (US,CND)		△ F804	1-532-504-51	FUSE, TIME LAG (T4.0AL/250V) (EXCEPT US,CND)	
△ 65	1-769-744-11	CORD, POWER (MY,SP,CH,E,EA,PX)		△ F804	1-576-108-11	FUSE, (4.0A/125V)(US,CND)	
* 66	4-982-068-01	PANEL, BACK (DE905G:US)		△ F901	1-532-504-51	FUSE, TIME LAG (T4.0AL/250V) (EXCEPT US,CND)	
* 66	4-982-068-11	PANEL, BACK (DE905G:CND)		△ F901	1-533-311-11	FUSE, GLASS CYLINDRICNDL(DIA.5) (8.0A/125V) (US,CND)	
* 66	4-982-068-31	PANEL, BACK (DE905G:AUS)		△ F902	1-532-464-51	FUSE, TIME LAG (T2.5AL/250V) (MY,SP,CH,AUS)	
* 66	4-982-068-41	PANEL, BACK (DE805G:US)		△ F903	1-532-504-51	FUSE, TIME LAG (T4.0AL/250V) (EXCEPT US,CND)	
* 66	4-982-068-51	PANEL, BACK (DE805G:CND)		△ S902	1-571-437-11	SWITCH, POWER VOLTAGE CHANGE (VOLTAGE SELECTOR) (E,EA,PX)	
* 66	4-982-068-61	PANEL, BACK (DE805G:E,EA,PX)		△ T901	1-429-541-11	TRANSFORMER, POWER (US)	
* 66	4-982-068-71	PANEL, BACK (DE805G:MY,SP,CH)		△ T901	1-429-542-11	TRANSFORMER, POWER (MY,SP,CH)	
* 66	4-982-068-81	PANEL, BACK (DE805G:AUS)		△ T901	1-429-544-11	TRANSFORMER, POWER (AUS)	
67	4-947-010-01	SCREW, FEEDER FIXED		△ T901	1-429-545-11	TRANSFORMER, POWER (E,EA,PX)	
* 68	1-661-043-11	SP TERMINAL BOARD		△ T901	1-429-564-11	TRANSFORMER, POWER (CND)	
* 69	1-661-008-11	PS JOINT BOARD					
* 70	1-661-044-11	SP JOINT BOARD					
* 71	A-4390-256-A	S.VIDEO (A) BOARD, COMPLETE (DE905G:US,CND)					
* 71	A-4390-277-A	S.VIDEO (A) BOARD, COMPLETE (DE905G:AUS)					
* 71	A-4390-287-A	S.VIDEO (A) BOARD, COMPLETE (DE805G:US,CND)					
* 71	A-4390-294-A	S.VIDEO (A) BOARD, COMPLETE (DE805G:AUS,E,EA,PX,SP,MY,CH)					
* 72	1-661-015-11	MEMORY BOARD					
* 73	A-4390-270-A	OSD BOARD, COMPLETE (DE905G:US,CND)					

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.
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**5-3. REMOTE CONTROL SECTION
(RM-VP1) (DE905G only)**



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
151	4-963-106-01	RETAINER, PC BOARD (DE905G)		160	4-962-492-01	SHELL (L) (DE905G)	
152	4-962-491-01	SHELL (U) (DE905G)		161	4-962-495-01	CHASSIS (DE905G)	
153	4-962-765-01	BUTTON (ENTER) (DE905G)		* 162	4-964-841-01	ABSORBER (A), SHOCK (DE905G)	
154	4-964-843-01	CUSHON (DE905G)		* 163	4-964-914-02	ABSORBER (C), SHOCK (DE905G)	
156	4-963-399-01	SPRING (R), BATTERY COIL (DE905G)		164	4-963-398-01	SPRING (L), BATTERY COIL (DE905G)	
* 158	A-4357-534-A	REMOTE CONTROL BOARD, COMPLETE (DE905G)		165	A-4352-701-A	REMOCON ASSY (RM-VP1) (DE905G)	
159	X-4944-184-3	BATTERY COVER ASSY (FOR RM-VP1) (DE905G)		* 166	4-965-225-01	CUSHION (DE905G)	
				* 167	4-965-226-01	CUSHION (DE905G)	

SECTION 6 ELECTRICAL PARTS LIST

NOTE :

- 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.
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
All resistors are in ohms
METAL : Metal-film resistor
METAL OXIDE : Metal oxide-film resistor
F : nonflammable
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

● SEMICONDUCTORS

In each case, u : μ , for example :
 uA.... : μ A...., uPA.... : μ PA....
 uPB.... : μ PB...., uPC.... : μ PC....
 uPD.... : μ PD....

● CAPACITORS

uF : μ F

● COILS

uH : μ H

● Abbreviation

CND : Canadian
 AUS : Australian
 CH : Chinese

SP : Singapore

MY : Malaysia

EA : Saudi Arabia

The components identified by mark Δ or dotted line with mark Δ are critical for safety.

Replace only with part number specified.

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

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

Ref. No.	Part No.	Description	Remark			
*	A-4390-258-A	AMP BOARD, COMPLETE (EXCEPT SP,MY,CH)				
*	A-4390-297-A	AMP BOARD, COMPLETE (SP,MY,CH)				

	7-682-548-04	SCREW +BVTT 3X8 (S)				
		< CAPACITOR >				
C601	1-104-664-11	ELECT	47uF	20%	16V	
C602	1-107-597-11	CERAMIC	22PF	10%	500V	
C603	1-107-597-11	CERAMIC	22PF	10%	500V	
C604	1-136-157-00	FILM	0.022uF	5%	50V	
C606	1-162-286-31	CERAMIC	220PF	10%	50V	
C610	1-164-159-11	CERAMIC	0.1uF		50V	
C621	1-124-907-11	ELECT	10uF	20%	50V	
C622	1-162-282-31	CERAMIC	100PF	10%	50V	
C623	1-162-282-31	CERAMIC	100PF	10%	50V	
C624	1-104-665-11	ELECT	100uF	20%	16V	
C626	1-136-157-00	FILM	0.022uF	5%	50V	
C656	1-124-907-11	ELECT	10uF	20%	50V	
C671	1-124-907-11	ELECT	10uF	20%	50V	
C672	1-162-282-31	CERAMIC	100PF	10%	50V	
C673	1-162-282-31	CERAMIC	100PF	10%	50V	
C674	1-104-665-11	ELECT	100uF	20%	16V	
C676	1-136-157-00	FILM	0.022uF	5%	50V	
C701	1-104-664-11	ELECT	47uF	20%	16V	
C702	1-107-597-11	CERAMIC	22PF	10%	500V	
C703	1-107-597-11	CERAMIC	22PF	10%	500V	
C704	1-136-157-00	FILM	0.022uF	5%	50V	
C706	1-162-286-31	CERAMIC	220PF	10%	50V	
C711	1-126-941-11	ELECT	470uF	20%	6.3V	
C712	1-126-233-00	ELECT	22uF	20%	50V	
C713	1-101-004-00	CERAMIC	0.01uF		50V	
C714	1-164-159-11	CERAMIC	0.1uF		50V	
C751	1-104-664-11	ELECT	47uF	20%	16V	
C752	1-107-597-11	CERAMIC	22PF	10%	500V	
C753	1-107-597-11	CERAMIC	22PF	10%	500V	
C754	1-136-157-00	FILM	0.022uF	5%	50V	

Ref. No.	Part No.	Description	Remark			
C756	1-162-286-31	CERAMIC	220PF	10%	50V	
C763	1-101-004-00	CERAMIC	0.01uF		50V	
C801	1-124-907-11	ELECT	10uF	20%	50V	
C802	1-124-907-11	ELECT	10uF	20%	50V	
C803	1-125-752-11	ELECT	12000uF	20%	71V	
		(EXCEPT SP,MY,CH)				
C803	1-111-263-11	ELECT	10000uF	20%	56V	
		(SP,MY,CH)				
C804	1-125-752-11	ELECT	12000uF	20%	71V	
		(EXCEPT SP,MY,CH)				
C804	1-111-263-11	ELECT	10000uF	20%	56V	
		(SP,MY,CH)				
C805	1-137-420-11	FILM	0.047uF	10%	100V	
C806	1-137-420-11	FILM	0.047uF	10%	100V	
C807	1-104-664-11	ELECT	47uF	20%	16V	
C808	1-104-664-11	ELECT	47uF	20%	16V	
C809	1-104-664-11	ELECT	47uF	20%	16V	
C810	1-126-967-11	ELECT	47uF	20%	35V	
C811	1-126-974-11	ELECT	3300uF	20%	50V	
C812	1-126-974-11	ELECT	3300uF	20%	50V	
C813	1-136-495-11	FILM	0.068uF	5%	50V	
C814	1-136-495-11	FILM	0.068uF	5%	50V	
C815	1-126-967-11	ELECT	47uF	20%	35V	
C816	1-126-967-11	ELECT	47uF	20%	35V	
		< CONNECTOR >				
CNJ601	1-770-404-11	HOUSING,CONNECTOR(PC BOARD)11P				
CNJ701	1-770-404-11	HOUSING,CONNECTOR(PC BOARD)11P				
CNJ803	1-770-382-11	CONNECTOR, BOARD TO BOARD 12P				
CNP702	1-770-481-11	PIN, CONNECTOR 4P				
* CNP801	1-560-259-00	CONNECTOR PIN,WITH LOCK 6P				
* CNP802	1-565-495-11	CONNECTOR, BOARD TO BOARD 4P				
		(EXCEPT SP,MY,CH)				
* CNP802	1-564-507-11	PLUG, CONNECTOR 4P (SP,MY,CH)				
CNS702	1-764-926-11	CONNECTOR,FFC(LIF(NON-ZIF))21P				
		< DIODE >				
D601	8-719-987-63	DIODE 1N4148M				

The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.
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AMP

AMP JOINT (B)

AMP JOINT (F)

AUDIO 2F

Ref. No.	Part No.	Description	Remark
R673	1-249-411-11	CARBON 330	5% 1/4W (EXCEPT SP,MY,CH)
R673	1-249-415-11	CARBON 680	5% 1/4W (SP,MY,CH)
R674	1-249-438-11	CARBON 56K	5% 1/4W
△ R675	1-249-389-11	CARBON 4.7	5% 1/4W F
R676	1-249-437-11	CARBON 47K	5% 1/4W
△ R677	1-249-393-11	CARBON 10	5% 1/4W F
R700	1-249-437-11	CARBON 47K	5% 1/4W
△ R701	1-249-393-11	CARBON 10	5% 1/4W F
R703	1-249-421-11	CARBON 2.2K	5% 1/4W
R704	1-249-414-11	CARBON 560	5% 1/4W
△ R705	1-249-393-11	CARBON 10	5% 1/4W F
△ R706	1-233-352-41	ENCAPSULATED COMPONENT	
R710	1-247-850-11	CARBON 6.2K	5% 1/4W
R711	1-249-419-11	CARBON 1.5K	5% 1/4W
R714	1-249-437-11	CARBON 47K	5% 1/4W
△ R715	1-249-393-11	CARBON 10	5% 1/4W F
R719	1-215-868-00	METAL OXIDE 680	5% 1W
R721	1-249-429-11	CARBON 10K	5% 1/4W
R722	1-249-435-11	CARBON 33K	5% 1/4W
R723	1-249-427-11	CARBON 6.8K	5% 1/4W
△ R724	1-249-393-11	CARBON 10	5% 1/4W F
R727	1-249-417-11	CARBON 1K	5% 1/4W
R732	1-249-429-11	CARBON 10K	5% 1/4W
R735	1-249-409-11	CARBON 220	5% 1/4W (EXCEPT SP,MY,CH)
R736	1-249-413-11	CARBON 470	5% 1/4W (EXCEPT SP,MY,CH)
R737	1-249-419-11	CARBON 1.5K	5% 1/4W (EXCEPT SP,MY,CH)
R750	1-249-437-11	CARBON 47K	5% 1/4W
△ R751	1-249-393-11	CARBON 10	5% 1/4W F
R753	1-249-421-11	CARBON 2.2K	5% 1/4W
R754	1-249-414-11	CARBON 560	5% 1/4W
△ R755	1-249-393-11	CARBON 10	5% 1/4W F
△ R756	1-233-352-41	ENCAPSULATED COMPONENT	
R760	1-247-850-11	CARBON 6.2K	5% 1/4W
R761	1-249-419-11	CARBON 1.5K	5% 1/4W
R764	1-249-437-11	CARBON 47K	5% 1/4W
△ R765	1-249-393-11	CARBON 10	5% 1/4W F
R769	1-215-868-00	METAL OXIDE 680	5% 1W
△ R774	1-249-393-11	CARBON 10	5% 1/4W F
R786	1-249-413-11	CARBON 470	5% 1/4W (EXCEPT SP,MY,CH)
R787	1-249-419-11	CARBON 1.5K	5% 1/4W (EXCEPT SP,MY,CH)
R801	1-249-429-11	CARBON 10K	5% 1/4W
△ R802	1-249-401-11	CARBON 47	5% 1/4W F
R803	1-215-886-11	METAL OXIDE 100	5% 2W
R804	1-215-886-11	METAL OXIDE 100	5% 2W
R806	1-215-886-11	METAL OXIDE 100	5% 2W

Ref. No.	Part No.	Description	Remark
R807	1-249-425-11	CARBON 4.7K	5% 1/4W (EXCEPT SP,MY,CH)
R808	1-249-429-11	CARBON 10K	5% 1/4W (EXCEPT SP,MY,CH)
△ R809	1-249-405-11	CARBON 100	5% 1/4W F
△ R810	1-249-405-11	CARBON 100	5% 1/4W F
△ R811	1-249-405-11	CARBON 100	5% 1/4W F
△ R812	1-249-414-11	CARBON 560	5% 1/4W F
R813	1-215-886-11	METAL OXIDE 100	5% 2W
R814	1-215-886-11	METAL OXIDE 100	5% 2W
R815	1-215-886-11	METAL OXIDE 100	5% 2W
R816	1-215-886-11	METAL OXIDE 100	5% 2W
R817	1-215-886-11	METAL OXIDE 100	5% 2W
R818	1-215-888-00	METAL OXIDE 220	5% 2W
R819	1-215-888-00	METAL OXIDE 220	5% 2W
< RELAY >			
RY601	1-515-741-11	RELAY	
RY602	1-515-920-11	RELAY (24V)	
< TERMINAL >			
* TM601	1-537-882-11	TERMINAL BOARD 6P	*****
< CONNECTOR >			
CNP502	1-770-553-11	CONNECTOR, BOARD TO BOARD 11P	
CNP601	1-770-553-11	CONNECTOR, BOARD TO BOARD 11P	
< RESISTOR >			
R622	1-249-417-11	CARBON 1K	5% 1/4W
R672	1-249-417-11	CARBON 1K	5% 1/4W

* 1-661-038-11	AMP JOINT (B) BOARD	*****	
< CONNECTOR >			
CNP501	1-770-553-11	CONNECTOR, BOARD TO BOARD 11P	
CNP701	1-770-553-11	CONNECTOR, BOARD TO BOARD 11P	*****
< CAPACITOR >			
C395	1-162-282-31	CERAMIC 100PF	10% 50V
C396	1-162-294-31	CERAMIC 0.001uF	10% 50V
< CONNECTOR >			
CNJ302	1-695-093-11	SOCKET, CONNECTOR 9P	

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

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

Ref. No.	Part No.	Description	Remark			
< IC >						
IC304	8-759-805-14	IC LC7822				
< JACK >						
J303	1-774-411-11	JACK, PIN 6P (VIDEO 2 AUDIO OUT,	LD AUDIO IN,TV AUDIO IN)			
J304	1-770-015-11	JACK, PIN 6P (VIDEO 1 AUDIO IN,OUT,	VIDEO 2 AUDIO IN)			
< RESISTOR >						
R322	1-249-417-11	CARBON	1K	5%	1/4W	
R323	1-249-417-11	CARBON	1K	5%	1/4W	
R324	1-249-417-11	CARBON	1K	5%	1/4W	
R325	1-249-417-11	CARBON	1K	5%	1/4W	
R326	1-249-417-11	CARBON	1K	5%	1/4W	
R327	1-249-417-11	CARBON	1K	5%	1/4W	
R372	1-249-417-11	CARBON	1K	5%	1/4W	
R373	1-249-417-11	CARBON	1K	5%	1/4W	
R374	1-249-417-11	CARBON	1K	5%	1/4W	
R375	1-249-417-11	CARBON	1K	5%	1/4W	
R376	1-249-417-11	CARBON	1K	5%	1/4W	
R377	1-249-417-11	CARBON	1K	5%	1/4W	
R395	1-249-417-11	CARBON	1K	5%	1/4W	
R396	1-249-425-11	CARBON	4.7K	5%	1/4W	

*	A-4390-249-A	DISPLAY BOARD, COMPLETE (DE905G:US,CND)				
*	A-4390-282-A	DISPLAY BOARD, COMPLETE (DE905G:AUS)				
*	A-4390-286-A	DISPLAY BOARD, COMPLETE (DE805G:US,CND)				
*	A-4390-291-A	DISPLAY BOARD, COMPLETE (DE805G:AUS)				
*	A-4390-293-A	DISPLAY BOARD, COMPLETE (DE805G:E,EA,PX)				
*	A-4390-296-A	DISPLAY BOARD, COMPLETE				
(DE805G:SP,MY,CH)						

< CAPACITOR >						
C101	1-164-159-11	CERAMIC	0.1uF		50V	
C102	1-164-159-11	CERAMIC	0.1uF		50V	
C107	1-124-589-11	ELECT	47uF	20%	16V	
C108	1-124-589-11	ELECT	47uF	20%	16V	
C109	1-162-282-31	CERAMIC	100PF	10%	50V	
C110	1-124-916-11	ELECT	22uF	20%	63V	
C111	1-124-589-11	ELECT	47uF	20%	16V	
C113	1-164-159-11	CERAMIC	0.1uF		50V	
C114	1-164-159-11	CERAMIC	0.1uF		50V	
C115	1-162-282-31	CERAMIC	100PF	10%	50V	
C116	1-104-905-11	CAPACITOR	0.22F		5.5V	
C117	1-164-159-11	CERAMIC	0.1uF		50V	
C119	1-162-306-11	CERAMIC	0.01uF	30%	16V	
C120	1-164-159-11	CERAMIC	0.1uF		50V	
C121	1-162-282-31	CERAMIC	100PF	10%	50V	
C122	1-162-282-31	CERAMIC	100PF	10%	50V	
C123	1-162-282-31	CERAMIC	100PF	10%	50V	

Ref. No.	Part No.	Description			Remark
C124	1-162-282-31	CERAMIC	100PF	10%	50V
C125	1-162-282-31	CERAMIC	100PF	10%	50V
C126	1-162-282-31	CERAMIC	100PF	10%	50V
C127	1-162-282-31	CERAMIC	100PF	10%	50V
C128	1-162-282-31	CERAMIC	100PF	10%	50V
C129	1-162-282-31	CERAMIC	100PF	10%	50V
C130	1-162-282-31	CERAMIC	100PF	10%	50V
C131	1-162-282-31	CERAMIC	100PF	10%	50V
C132	1-162-282-31	CERAMIC	100PF	10%	50V
C133	1-162-282-31	CERAMIC	100PF	10%	50V
C134	1-162-282-31	CERAMIC	100PF	10%	50V
C135	1-124-589-11	ELECT	47uF	20%	16V (DE805G)
C136	1-162-282-31	CERAMIC	100PF	10%	50V
C137	1-162-282-31	CERAMIC	100PF	10%	50V
C138	1-124-907-11	ELECT	10uF	20%	50V
C139	1-162-282-31	CERAMIC	100PF	10%	50V (EXCEPT E,EA,PX,CH)
C140	1-164-159-11	CERAMIC	0.1uF		50V
C141	1-126-968-11	ELECT	100uF	20%	6.3V
< CONNECTOR >					
* CNJ101	1-565-480-11	CONNECTOR, BOARD TO BOARD 4P			
CNJ102	1-764-958-11	CONNECTOR,FFC(LIF(NON-ZIF))17P			
CNJ103	1-770-396-11	HOUSING, CONNECTOR(PC BOARD)3P			
CNJ104	1-766-034-11	CONNECTOR,FFC(LIF(NON-ZIF))21P			
CNJ105	1-770-718-11	SOCKET, CONNECTOR 22P			
* CNJ106	1-565-480-11	CONNECTOR, BOARD TO BOARD 4P			
CNJ108	1-770-398-11	HOUSING, CONNECTOR(PC BOARD)5P			
< DIODE >					
D101	8-719-301-49	LED	SEL2810A (SPEAKERS)		
D102	8-719-301-49	LED	SEL2810A (TAPE MONITOR)		
D103	8-719-301-49	LED	SEL2810A (VIDEO 1)		
D104	8-719-301-49	LED	SEL2810A (VIDEO 2)		
D105	8-719-301-49	LED	SEL2810A (VIDEO 3)		
D106	8-719-301-49	LED	SEL2810A (LD)		
D107	8-719-301-49	LED	SEL2810A (SATL)		
D108	8-719-301-49	LED	SEL2810A (DAT/MD)		
D109	8-719-301-49	LED	SEL2810A (CD)		
D110	8-719-301-49	LED	SEL2810A (TUNER)		
D111	8-719-301-49	LED	SEL2810A (PHONO)		
D112	8-719-313-43	LED	SEL6210S-TH10 (LEARNING)		
D113	8-719-987-63	DIODE	1N4148M		
D114	8-719-118-33	LED	PH302D		
D115	8-719-987-63	DIODE	1N4148M		
D116	8-719-987-63	DIODE	1N4148M		
D117	8-719-987-63	DIODE	1N4148M		
D118	8-719-987-63	DIODE	1N4148M		
D119	8-719-059-67	DIODE	SID1003BQ-TP19 (DE905G:AUS,DE805G)		

DISPLAY

Ref. No.	Part No.	Description	Remark
D119	8-719-053-79	LED SE1003-C-TP (VISIONTOUCH) (DE905G:US,CND)	
D120	8-719-059-67	DIODE SID1003BQ-TP19 (DE905G:AUS,DE805G)	
D120	8-719-053-79	LED SE1003-C-TP (VISIONTOUCH) (DE905G:US,CND)	
D121	8-719-024-99	DIODE 11ES2-NTA2B	
D122	8-719-987-63	DIODE 1N4148M	
D123	8-719-059-67	DIODE SID1003BQ-TP19 (DE905G:AUS,DE805G)	
D123	8-719-053-79	LED SE1003-C-TP (VISIONTOUCH) (DE905G:US,CND)	
D124	8-719-059-67	DIODE SID1003BQ-TP19 (DE905G:AUS,DE805G)	
D124	8-719-053-79	LED SE1003-C-TP (VISIONTOUCH) (DE905G:US,CND)	
D125	8-719-059-67	DIODE SID1003BQ-TP19 (DE905G:AUS,DE805G)	
D125	8-719-053-79	LED SE1003-C-TP (VISIONTOUCH) (DE905G:US,CND)	
D128	8-719-059-67	DIODE SID1003BQ-TP19 (DE905G:AUS,DE805G)	
D128	8-719-053-79	LED SE1003-C-TP (VISIONTOUCH) (DE905G:US,CND)	
D129	8-719-059-67	DIODE SID1003BQ-TP19 (DE905G:AUS,DE805G)	
D129	8-719-053-79	LED SE1003-C-TP (VISIONTOUCH) (DE905G:US,CND)	
D130	8-719-059-67	DIODE SID1003BQ-TP19 (DE905G:AUS,DE805G)	
D130	8-719-053-79	LED SE1003-C-TP (VISIONTOUCH) (DE905G:US,CND)	
D131	8-719-987-63	DIODE 1N4148M (DE905G)	
D132	8-719-987-63	DIODE 1N4148M (DE905G)	
D133	8-719-987-63	DIODE 1N4148M (DE905G:US,CND)	
D134	8-719-987-63	DIODE 1N4148M (SP,MY,CH,E,EA,PX)	
D136	8-719-987-63	DIODE 1N4148M (E,EA,PX,SP,MY,CH)	
D138	8-719-059-67	DIODE SID1003BQ-TP19 (DE905G:AUS,DE805G)	
D138	8-719-053-79	LED SE1003-C-TP (VISIONTOUCH) (DE905G:US,CND)	
D139	8-719-059-67	DIODE SID1003BQ-TP19 (DE905G:AUS,DE805G)	
D139	8-719-053-79	LED SE1003-C-TP (VISIONTOUCH) (DE905G:US,CND)	
D140	8-719-313-43	LED SEL6210S-TH10 (STANDBY) (EXCEPT US,CND)	
< INDICATOR TUBE >			
FL101	1-517-519-11	INDICATOR TUBE, FLUORESCENT	
< IC >			
IC101	8-759-261-63	IC M66004M6FP	
IC104	1-233-617-11	IC ENCAPSULATED COMPONENT (DE805G)	
IC105	8-759-240-69	IC TC4069UBP	

Ref. No.	Part No.	Description	Remark
IC106	8-759-962-08	IC BA6208	
IC107	8-759-391-66	IC MB90673	
IC108	8-759-635-31	IC M50253P	
< COIL >			
L101	1-410-521-11	INDUCTOR 100uH	
L102	1-410-521-11	INDUCTOR 100uH	
< TRANSISTOR >			
Q101	8-729-900-36	TRANSISTOR DTC124ES	
Q110	8-729-140-97	TRANSISTOR 2SB734-34	
Q111	8-729-620-05	TRANSISTOR 2SC2603-EF	
Q112	8-729-900-36	TRANSISTOR DTC124ES	
Q113	8-729-900-36	TRANSISTOR DTC124ES (EXCEPT US,CND)	
Q115	8-729-900-36	TRANSISTOR DTC124ES (SP,MY,CH)	
< RESISTOR >			
R101	1-249-411-11	CARBON 330 5% 1/4W	
R102	1-249-411-11	CARBON 330 5% 1/4W	
R103	1-249-411-11	CARBON 330 5% 1/4W	
R104	1-249-429-11	CARBON 10K 5% 1/4W	
R105	1-249-425-11	CARBON 4.7K 5% 1/4W	
R106	1-249-419-11	CARBON 1.5K 5% 1/4W	
R107	1-249-429-11	CARBON 10K 5% 1/4W	
R108	1-249-434-11	CARBON 27K 5% 1/4W	
R109	1-249-429-11	CARBON 10K 5% 1/4W	
R110	1-249-411-11	CARBON 330 5% 1/4W	
R111	1-215-861-00	METAL OXIDE 47 5% 1W	
R112	1-249-417-11	CARBON 1K 5% 1/4W	
R113	1-249-429-11	CARBON 10K 5% 1/4W	
R114	1-249-429-11	CARBON 10K 5% 1/4W	
R115	1-249-417-11	CARBON 1K 5% 1/4W	
R116	1-247-903-00	CARBON 1M 5% 1/4W	
R117	1-249-433-11	CARBON 22K 5% 1/4W	
R118	1-247-895-00	CARBON 470K 5% 1/4W	
R119	1-247-903-00	CARBON 1M 5% 1/4W	
R120	1-249-429-11	CARBON 10K 5% 1/4W	
R121	1-249-435-11	CARBON 33K 5% 1/4W	
R122	1-249-425-11	CARBON 4.7K 5% 1/4W	
R123	1-249-425-11	CARBON 4.7K 5% 1/4W	
R124	1-249-425-11	CARBON 4.7K 5% 1/4W	
R125	1-249-425-11	CARBON 4.7K 5% 1/4W	
R126	1-249-425-11	CARBON 4.7K 5% 1/4W	
R127	1-249-425-11	CARBON 4.7K 5% 1/4W	
R128	1-249-425-11	CARBON 4.7K 5% 1/4W	
R129	1-249-429-11	CARBON 10K 5% 1/4W	
R130	1-249-429-11	CARBON 10K 5% 1/4W	
R131	1-249-429-11	CARBON 10K 5% 1/4W	
R132	1-249-393-11	CARBON 10 5% 1/4W (DE805G)	
R133	1-249-429-11	CARBON 10K 5% 1/4W	

DISPLAY

FUSE

FUSE-A

FUSE-B

HP

MEMORY

Ref. No.	Part No.	Description	Remark
R134	1-249-441-11	CARBON	100K 5% 1/4W
R138	1-249-429-11	CARBON	10K 5% 1/4W
R139	1-249-429-11	CARBON	10K 5% 1/4W
R140	1-249-429-11	CARBON	10K 5% 1/4W
R141	1-249-429-11	CARBON	10K 5% 1/4W
R142	1-249-425-11	CARBON	4.7K 5% 1/4W
R143	1-249-393-11	CARBON	10 5% 1/4W
R144	1-249-429-11	CARBON	10K 5% 1/4W
△ R145	1-249-385-11	CARBON	2.2 5% 1/6W F
△ R146	1-249-385-11	CARBON	2.2 5% 1/6W F
R147	1-249-411-11	CARBON	330 5% 1/4W
R150	1-249-417-11	CARBON	1K 5% 1/4W
R151	1-249-417-11	CARBON	1K 5% 1/4W
R152	1-249-417-11	CARBON	1K 5% 1/4W
R153	1-249-417-11	CARBON	1K 5% 1/4W
< RELAY >			
RY101	1-515-614-11	RELAY	
< SWITCH >			
S102	1-554-303-21	SWITCH, TACTILE (SPEAKERS)	
S103	1-554-303-21	SWITCH, TACTILE (VIDEO 3)	
S104	1-554-303-21	SWITCH, TACTILE (CD)	
S105	1-554-303-21	SWITCH, TACTILE (VIDEO 1)	
S106	1-554-303-21	SWITCH, TACTILE (LD)	
S107	1-554-303-21	SWITCH, TACTILE (PHONO)	
S108	1-554-303-21	SWITCH, TACTILE (TAPE MONITOR)	
S109	1-554-303-21	SWITCH, TACTILE (SATL)	
S110	1-554-303-21	SWITCH, TACTILE (TUNER)	
S111	1-554-303-21	SWITCH, TACTILE (VIDEO 2)	
S112	1-554-303-21	SWITCH, TACTILE (DAT/MD)	
< VIBRATOR >			
X101	1-567-819-11	VIBRATOR, CERAMIC (4MHz)	

*	1-661-066-11	FUSE BOARD (EXCEPT SP,MY,CH)	*****

*	1-661-011-11	FUSE-A BOARD (EXCEPT SP,MY,CH)	
*	1-661-032-11	FUSE-A BOARD (SP,MY,CH)	*****

	1-533-217-31	HOLDER, FUSE	
< CONNECTOR >			
* CNJ801	1-750-533-11	SOCKET 6P (EXCEPT SP,MY,CH)	
* CNJ802	1-565-480-11	CONNECTOR, BOARD TO BOARD 4P	(EXCEPT SP,MY,CH)
* CNP803	1-564-674-11	PIN,CONNECTOR 8P (SP,MY,CH)	

Ref. No.	Part No.	Description	Remark
< DIODE >			
D804	8-719-987-63	DIODE 1N4148M (EXCEPT SP,MY,CH)	
D908	8-719-014-66	DIODE UZP-5.6B	
< FUSE >			
△ F801	1-532-506-51	FUSE, TIME LAG (T6.3AL/250V)	(EXCEPT US,CND)
△ F801	1-533-311-11	FUSE, GLASS CYLINDRICNDL(DIA.5) (8.0A/125V)	(US,CND)
△ F802	1-532-506-51	FUSE, TIME LAG (T6.3AL/250V)	(EXCEPT US,CND)
△ F802	1-533-311-11	FUSE, GLASS CYLINDRICNDL(DIA.5) (8.0A/125V)	(US,CND)
△ F803	1-532-504-51	FUSE, TIME LAG (T4.0AL/250V)	(EXCEPT US,CND)
△ F803	1-576-108-11	FUSE, (4.0A/125V)(US,CND)	
△ F804	1-532-504-51	FUSE, TIME LAG (T4.0AL/250V)	(EXCEPT US,CND)
△ F804	1-576-108-11	FUSE, (4.0A/125V)(US,CND)	
< RELAY >			
RY801	1-755-026-11	RELAY (EXCEPT CND,SP,MY,CH)	
RY851	1-515-918-11	RELAY (CND)	
RY852	1-515-918-11	RELAY (CND)	

*	1-661-012-11	FUSE-B BOARD (EXCEPT SP,MY,CH)	
*	1-661-033-11	FUSE-B BOARD (SP,MY,CH)	*****

*	1-661-002-11	HP BOARD	*****
< CONNECTOR >			
CNP103	1-770-387-11	PIN, CONNECTOR (PC BOARD) 3P	
< JACK >			
J100	1-568-519-41	JACK, LARGE TYPE (HEADPHONES)	

*	1-661-015-11	MEMORY BOARD	*****
< CAPACITOR >			
C288	1-164-159-11	CERAMIC	0.1uF 50V
C289	1-164-159-11	CERAMIC	0.1uF 50V
C290	1-104-664-11	ELECT	47uF 20% 16V
C291	1-164-159-11	CERAMIC	0.1uF 50V
C294	1-164-159-11	CERAMIC	0.1uF 50V
< CONNECTOR >			
CNJ205	1-764-933-11	CONNECTOR,FFC(LIF(NON-ZIF))28P	

The components identified by mark △ or dotted line with mark △ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.
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MEMORY

MUTE SW

OSD

Ref. No.	Part No.	Description	Remark			
< IC >						
IC216	8-759-037-88	IC MC74HC373AN				
IC218	8-759-037-88	IC MC74HC373AN				
IC220	8-759-394-97	IC MX23C4096-12-SOZ1021 (DE905G)				
IC220	8-759-394-98	IC MX23C4096-12-SOZ1018 (DE805G)				
IC221	8-759-289-94	IC LH5160TF				
IC222	8-759-289-94	IC LH5160TF				
< COIL >						
L204	1-410-521-11	INDUCTOR	100uH			
< RESISTOR >						
R227	1-249-417-11	CARBON	1K	5%	1/4W	
R264	1-249-417-11	CARBON	1K	5%	1/4W	
R2013	1-249-441-11	CARBON	100K	5%	1/4W	
R2014	1-249-441-11	CARBON	100K	5%	1/4W	

*	1-660-998-11	MUTE SW BOARD	*****			
< CONNECTOR >						
* CNP106	1-565-295-11	PLUG, CONNECTOR 4P				
< RESISTOR >						
R135	1-249-429-11	CARBON	10K	5%	1/4W	
R136	1-249-429-11	CARBON	10K	5%	1/4W	
R137	1-249-417-11	CARBON	1K	5%	1/4W	
< SWITCH >						
S114	1-554-303-21	SWITCH, TACTILE (PRESET TUNING -)				
S115	1-554-303-21	SWITCH, TACTILE (PRESET TUNING +)				
S116	1-554-303-21	SWITCH, TACTILE (SOUND FIELD)				

*	A-4390-270-A	OSD BOARD, COMPLETE (DE905G:US,CND)				
*	A-4390-285-A	OSD BOARD, COMPLETE (DE905G:AUS)				
*	A-4390-289-A	OSD BOARD, COMPLETE (DE805G:US,CND)				
*	A-4390-292-A	OSD BOARD, COMPLETE (DE805G:SP,MY,CH,AUS)				
*	A-4390-295-A	OSD BOARD, COMPLETE (DE805G:E,EA,PX)	*****			
< CAPACITOR >						
C200	1-124-907-11	ELECT	10uF	20%	50V (DE905G)	
C203	1-102-518-11	CERAMIC	33PF	5%	50V	
C204	1-164-159-11	CERAMIC	0.1uF	50V		
C206	1-102-852-91	CERAMIC	47PF	5%	50V	
C208	1-124-903-11	ELECT	1uF	20%	50V	
C211	1-162-290-31	CERAMIC	470PF	10%	50V	
C212	1-124-443-00	ELECT	100uF	20%	10V	

Ref. No.	Part No.	Description	Remark			
C213	1-164-159-11	CERAMIC	0.1uF	50V		
C221	1-124-907-11	ELECT	10uF	20%	50V (US,CND)	
C222	1-162-294-31	CERAMIC	0.001uF	10%	50V (US,CND)	
C224	1-162-294-31	CERAMIC	0.001uF	10%	50V	
C226	1-124-907-11	ELECT	10uF	20%	50V (DE905G)	
C231	1-102-106-00	CERAMIC	100PF	10%	50V	
C232	1-162-306-11	CERAMIC	0.01uF	30%	16V	
C235	1-164-095-11	CERAMIC	0.01uF	10%	16V	
C236	1-102-508-91	CERAMIC	10PF	5%	50V	
C237	1-102-074-00	CERAMIC	0.001uF	10%	50V	
C238	1-102-074-00	CERAMIC	0.001uF	10%	50V (US,CND)	
C239	1-164-159-11	CERAMIC	0.1uF		50V	
C241	1-102-958-00	CERAMIC	20PF	5%	50V	
C242	1-164-095-11	CERAMIC	0.01uF	10%	16V	
C243	1-126-963-11	ELECT	4.7uF	20%	50V	
C244	1-102-508-91	CERAMIC	10PF	0.5PF	50V	
C246	1-164-159-11	CERAMIC	0.1uF		50V	
C247	1-162-282-31	CERAMIC	100PF	10%	50V	
C248	1-124-903-11	ELECT	1uF	20%	50V	
C249	1-136-162-00	FILM	0.056uF	5%	50V	
C250	1-136-157-00	FILM	0.022uF	5%	50V	
C251	1-164-159-11	CERAMIC	0.1uF		50V	
C252	1-104-664-11	ELECT	47uF	20%	16V	
C253	1-124-903-11	ELECT	1uF	20%	50V	
C254	1-102-106-00	CERAMIC	100PF	10%	50V	
C255	1-136-169-00	FILM	0.22uF	5%	50V	
C256	1-124-903-11	ELECT	1uF	20%	50V	
C257	1-124-903-11	ELECT	1uF	20%	50V	
C258	1-124-903-11	ELECT	1uF	20%	50V	
C259	1-162-306-11	CERAMIC	0.01uF	30%	16V	
C260	1-162-293-31	CERAMIC	820PF	10%	50V	
C261	1-102-074-00	CERAMIC	0.001uF	10%	50V (US,CND)	
C262	1-124-903-11	ELECT	1uF	20%	50V	
C263	1-102-106-00	CERAMIC	100PF	10%	50V	
C264	1-124-907-11	ELECT	10uF	20%	50V	
C265	1-124-907-11	ELECT	10uF	20%	50V	
C266	1-124-907-11	ELECT	10uF	20%	50V	
C267	1-124-903-11	ELECT	1uF	20%	50V	
C268	1-104-664-11	ELECT	47uF	20%	16V	
C269	1-164-159-11	CERAMIC	0.1uF		50V	
C270	1-124-903-11	ELECT	1uF	20%	50V	
C271	1-124-903-11	ELECT	1uF	20%	50V (DE905G)	
C272	1-136-162-00	FILM	0.056uF	5%	50V (DE905G)	
C273	1-164-159-11	CERAMIC	0.1uF		50V	
C274	1-104-664-11	ELECT	47uF	20%	16V	
C275	1-104-664-11	ELECT	47uF	20%	16V	

Ref. No.	Part No.	Description	Remark		Ref. No.	Part No.	Description	Remark	
C276	1-104-905-11	CAPACITOR	0.22F	5.5V	IC217	8-759-701-56	IC NJM78M05FA		
C277	1-162-306-11	CERAMIC	0.01uF	30% 16V	IC219	8-759-917-18	IC SN74HCU04AN		
C279	1-124-907-11	ELECT	10uF	20% 50V	IC223	8-759-388-26	IC NJM2129D (US,CND)		
				(DE905G)			< JACK >		
C280	1-164-159-11	CERAMIC	0.1uF	50V	J202	1-507-967-11	JACK (SLINK,CTRL A1)		
C283	1-136-157-00	FILM	0.022uF	5% 50V	J203	1-507-967-11	JACK (IR OUT)		
				(DE905G)	J209	1-766-399-11	JACK, PIN 3P (VIDEO 2,VIDEO IN,OUT)		
C284	1-162-306-11	CERAMIC	0.01uF	30% 16V	J210	1-766-400-11	JACK, PIN 2P (VIDEO 1,VIDEO IN,OUT)		
				(DE905G)	J211	1-766-400-11	JACK, PIN 2P (TV,LD VIDEO IN)		
C285	1-124-903-11	ELECT	1uF	20% 50V			< COIL >		
				(DE905G)					
C286	1-162-293-31	CERAMIC	820PF	10% 50V	L201	1-410-513-11	INDUCTOR 22uH		
				(DE905G)			< TRANSISTOR >		
C287	1-104-664-11	ELECT	47uF	20% 16V					
C292	1-162-282-31	CERAMIC	100PF	10% 50V	Q200	8-729-119-76	TRANSISTOR 2SA1175-HFE (DE905G)		
C293	1-124-907-11	ELECT	10uF	20% 50V	Q201	8-729-900-36	TRANSISTOR DTC124ES		
					Q202	8-729-620-05	TRANSISTOR 2SC2603-EF (DE905G)		
C295	1-164-159-11	CERAMIC	0.1uF	50V	Q203	8-729-620-05	TRANSISTOR 2SC2603-EF (US,CND)		
C296	1-104-666-11	ELECT	220uF	20% 10V	Q204	8-729-141-30	TRANSISTOR 2SC3623A-LK		
C297	1-104-666-11	ELECT	220uF	20% 10V					
		< CONNECTOR >			Q206	8-729-119-76	TRANSISTOR 2SA1175-HFE (DE905G)		
CNJ202	1-750-179-11	SOCKET, CONNECTOR 5P			Q207	8-729-620-05	TRANSISTOR 2SC2603-EF (DE905G)		
CNJ203	1-764-922-11	CONNECTOR,FFC(LIF(NON-ZIF))17P			Q210	8-729-119-76	TRANSISTOR 2SA1175-HFE (DE905G)		
CNJ204	1-764-933-11	CONNECTOR,FFC(LIF(NON-ZIF))28P			Q214	8-729-620-05	TRANSISTOR 2SC2603-EF		
CNP201	1-695-091-11	PIN, CONNECTOR (PC BOARD) 15P			Q215	8-729-620-05	TRANSISTOR 2SC2603-EF		
CNP203	1-695-090-11	PIN, CONNECTOR (PC BOARD) 13P							
		< TRIMMER >			Q216	8-729-620-05	TRANSISTOR 2SC2603-EF		
CT201	1-141-227-00	CAP, TRIMMER 20PF			Q217	8-729-119-76	TRANSISTOR 2SA1175-HFE		
CT202	1-141-227-00	CAP, TRIMMER 20PF			Q218	8-729-119-76	TRANSISTOR 2SA1175-HFE		
		< DIODE >			Q219	8-729-119-76	TRANSISTOR 2SA1175-HFE		
					Q220	8-729-620-05	TRANSISTOR 2SC2603-EF		
D201	8-719-987-63	DIODE 1N4148M (US,CND)			Q221	8-729-119-76	TRANSISTOR 2SA1175-HFE		
D202	8-719-987-63	DIODE 1N4148M					< RESISTOR >		
D203	8-719-987-63	DIODE 1N4148M			R200	1-249-417-11	CARBON 1K 5% 1/4W		
D204	8-719-987-63	DIODE 1N4148M					(DE905G)		
D205	8-719-024-99	DIODE 11ES2-NTA2B			R205	1-247-807-31	CARBON 100 5% 1/4W		
							(DE905G)		
D206	8-719-987-63	DIODE 1N4148M			R206	1-247-807-31	CARBON 100 5% 1/4W		
D210	8-719-987-63	DIODE 1N4148M					(DE905G)		
		< IC >			R207	1-249-405-11	CARBON 100 5% 1/4W		
					R208	1-249-419-11	CARBON 1.5K 5% 1/4W		
IC202	8-759-140-53	IC uPD4053BC							
IC205	8-759-395-25	IC MB90095PF-G-161-BND			R209	1-249-429-11	CARBON 10K 5% 1/4W		
IC206	8-759-916-12	IC SN74HC00AN			R210	1-249-424-11	CARBON 3.9K 5% 1/4W		
IC207	8-759-708-05	IC NJM78L05A			R211	1-249-437-11	CARBON 47K 5% 1/4W		
							(DE905G)		
IC208	8-759-140-53	IC uPD4053BC (DE905G)			R212	1-249-418-11	CARBON 1.2K 5% 1/4W		
IC209	8-759-343-23	IC MB90T673PF-G-BND			R213	1-249-421-11	CARBON 2.2K 5% 1/4W		
IC210	8-759-341-79	IC LA7217							
IC211	8-759-061-95	IC SN761200			R216	1-249-437-11	CARBON 47K 5% 1/4W		
IC213	8-759-341-79	IC LA7217 (DE905G)			R217	1-249-437-11	CARBON 47K 5% 1/4W		
							(DE905G)		
IC214	8-759-093-25	IC MB3512PFQ			R226	1-249-433-11	CARBON 22K 5% 1/4W		
IC215	8-759-394-96	IC S-1810CF-049			R230	1-249-411-11	CARBON 330 5% 1/4W		
							(DE905G)		

Ref. No.	Part No.	Description			Remark
R231	1-249-417-11	CARBON	1K	5%	1/4W
R232	1-249-409-11	CARBON	220	5%	1/4W
R233	1-249-426-11	CARBON	5.6K	5%	1/4W (DE905G)
R235	1-249-417-11	CARBON	1K	5%	1/4W
R237	1-249-429-11	CARBON	10K	5%	1/4W
R239	1-249-403-11	CARBON	68	5%	1/4W (DE905G)
R242	1-249-433-11	CARBON	22K	5%	1/4W
R243	1-249-419-11	CARBON	1.5K	5%	1/4W (DE905G)
R246	1-247-843-11	CARBON	3.3K	5%	1/4W
R247	1-249-403-11	CARBON	68	5%	1/4W (DE905G)
R249	1-249-413-11	CARBON	470	5%	1/4W
R250	1-249-417-11	CARBON	1K	5%	1/4W
R252	1-249-414-11	CARBON	560	5%	1/4W
R253	1-249-417-11	CARBON	1K	5%	1/4W
R254	1-249-430-11	CARBON	12K	5%	1/4W (DE905G)
R258	1-249-414-11	CARBON	560	5%	1/4W
R259	1-249-417-11	CARBON	1K	5%	1/4W
R260	1-249-425-11	CARBON	4.7K	5%	1/4W
R261	1-249-433-11	CARBON	22K	5%	1/4W
R262	1-247-883-00	CARBON	150K	5%	1/4W
R263	1-249-414-11	CARBON	560	5%	1/4W
R265	1-249-414-11	CARBON	560	5%	1/4W
R266	1-249-403-11	CARBON	68	5%	1/4W
R267	1-249-424-11	CARBON	3.9K	5%	1/4W
R268	1-249-403-11	CARBON	68	5%	1/4W
R269	1-249-403-11	CARBON	68	5%	1/4W
R270	1-249-426-11	CARBON	5.6K	5%	1/4W
R271	1-249-426-11	CARBON	5.6K	5%	1/4W
R272	1-249-426-11	CARBON	5.6K	5%	1/4W
R274	1-249-403-11	CARBON	68	5%	1/4W
R275	1-249-403-11	CARBON	68	5%	1/4W
R276	1-249-419-11	CARBON	1.5K	5%	1/4W
R277	1-249-419-11	CARBON	1.5K	5%	1/4W
R278	1-249-419-11	CARBON	1.5K	5%	1/4W
R279	1-249-403-11	CARBON	68	5%	1/4W
R280	1-249-403-11	CARBON	68	5%	1/4W
R281	1-249-403-11	CARBON	68	5%	1/4W
R282	1-249-403-11	CARBON	68	5%	1/4W
R284	1-249-417-11	CARBON	1K	5%	1/4W
R285	1-249-403-11	CARBON	68	5%	1/4W
R286	1-247-891-00	CARBON	330K	5%	1/4W
R287	1-247-807-31	CARBON	100	5%	1/4W
R288	1-249-430-11	CARBON	12K	5%	1/4W
R289	1-249-430-11	CARBON	12K	5%	1/4W
R290	1-249-430-11	CARBON	12K	5%	1/4W
R291	1-249-429-11	CARBON	10K	5%	1/4W
R292	1-249-393-11	CARBON	10	5%	1/4W

Ref. No.	Part No.	Description			Remark
R293	1-249-429-11	CARBON	10K	5%	1/4W
R294	1-249-425-11	CARBON	4.7K	5%	1/4W
R295	1-249-425-11	CARBON	4.7K	5%	1/4W
R296	1-247-843-11	CARBON	3.3K	5%	1/4W
R2001	1-215-857-11	METAL OXIDE	10	5%	1W
R2002	1-249-417-11	CARBON	1K	5%	1/4W
R2003	1-247-883-00	CARBON	150K	5%	1/4W (DE905G)
R2004	1-249-424-11	CARBON	3.9K	5%	1/4W (DE905G)
R2005	1-249-414-11	CARBON	560	5%	1/4W (DE905G)
R2006	1-247-807-31	CARBON	100	5%	1/4W
R2007	1-249-409-11	CARBON	220	5%	1/4W (DE905G)
R2008	1-249-429-11	CARBON	10K	5%	1/4W
R2009	1-249-405-11	CARBON	100	5%	1/4W
R2010	1-249-405-11	CARBON	100	5%	1/4W
R2011	1-249-409-11	CARBON	220	5%	1/4W (DE905G)
R2015	1-247-807-31	CARBON	100	5%	1/4W
R2016	1-249-429-11	CARBON	10K	5%	1/4W
R2017	1-249-429-11	CARBON	10K	5%	1/4W
R2018	1-249-429-11	CARBON	10K	5%	1/4W
R2020	1-247-807-31	CARBON	100	5%	1/4W
< VARIABLE RESISTOR >					
RV201	1-241-766-11	RES, ADJ, CERMET 47K (OSD)			
< TEST PIN >					
* TP203	1-560-061-00	PIN, CONNECTOR 3P			
* TP204	1-560-062-00	PIN, CONNECTOR 4P			
< VIBRATOR >					
X201	1-567-819-11	VIBRATOR, CERAMIC (4MHz)			
X203	1-527-722-00	OSCILLATOR, CRYSTAL (14.3MHz)			
X204	1-579-583-11	VIBRATOR, CERAMIC (503kHz)			
X205	1-567-819-11	VIBRATOR, CERAMIC (4MHz)			
X206	1-579-583-11	VIBRATOR, CERAMIC (503kHz)(DE905G)			

*	1-661-014-11	OSD JOINT BOARD			

< CONNECTOR >					
CNJ401	1-750-179-11	SOCKET, CONNECTOR 5P			
CNP202	1-750-180-11	PIN, CONNECTOR (PC BOARD) 5P			

PHONO

POWER SW

PRIMARY

PS

Ref. No.	Part No.	Description	Remiark		
*	1-661-001-11	PHONO BOARD *****			
< CAPACITOR >					
C303	1-162-282-31	CERAMIC	100PF	10%	50V
C304	1-104-664-11	ELECT	47uF	20%	16V
C305	1-130-480-00	MYLAR	0.0056uF	5%	50V
C306	1-130-473-00	MYLAR	0.0015uF	5%	50V
C307	1-124-903-11	ELECT	1uF	20%	50V
C308	1-164-159-11	CERAMIC	0.1uF		50V
C353	1-162-282-31	CERAMIC	100PF	10%	50V
C354	1-104-664-11	ELECT	47uF	20%	16V
C355	1-130-480-00	MYLAR	0.0056uF	5%	50V
C356	1-130-473-00	MYLAR	0.0015uF	5%	50V
C357	1-124-903-11	ELECT	1uF	20%	50V
C358	1-164-159-11	CERAMIC	0.1uF		50V
< CONNECTOR >					
CNJ303	1-695-096-11	SOCKET, CONNECTOR 15P			
CNP302	1-695-088-11	PIN, CONNECTOR (PC BOARD) 9P			
< IC >					
IC301	8-759-636-74	IC M5218AP-22			
< RESISTOR >					
R303	1-249-441-11	CARBON	100K	5%	1/4W
R304	1-249-416-11	CARBON	820	5%	1/4W
R305	1-247-897-11	CARBON	560K	5%	1/4W
R306	1-249-437-11	CARBON	47K	5%	1/4W
R307	1-249-441-11	CARBON	100K	5%	1/4W
R308	1-247-807-31	CARBON	100	5%	1/4W
R353	1-249-441-11	CARBON	100K	5%	1/4W
R354	1-249-416-11	CARBON	820	5%	1/4W
R355	1-247-897-11	CARBON	560K	5%	1/4W
R356	1-249-437-11	CARBON	47K	5%	1/4W
R357	1-249-441-11	CARBON	100K	5%	1/4W
R358	1-247-807-31	CARBON	100	5%	1/4W

*	1-661-054-11	POWER SW BOARD *****			
< CONNECTOR >					
* CNP101	1-565-295-11	PLUG, CONNECTOR 4P			
< SWITCH >					
S101	1-554-303-21	SWITCH, TACTILE (POWER) (EXCEPT SP,MY,CH)			
S113	1-554-118-00	SWITCH, PUSH (1 KEY) (POWER) (SP,MY,CH)			

*	1-661-003-11	PRIMARY BOARD (DE905G/DE805G : US,CND, AU)			

Ref. No.	Part No.	Description	Remark		
*	1-661-718-11	PRIMARY BOARD (SP,MY,CH) *****			

*	A-4390-265-A	PS BOARD, COMPLETE (US,CND)			
*	A-4390-278-A	PS BOARD, COMPLETE (E,EA,PX)			
*	A-4390-284-A	PS BOARD, COMPLETE (AUS)			
*	A-4390-300-A	PS BOARD, COMPLETE (SP,MY,CH) *****			
	1-533-217-31	HOLDER, FUSE			
	7-682-548-04	SCREW +BVT 3X8 (S)			
< CAPACITOR >					
C901	1-161-494-00	CERAMIC	0.022uF		25V
C902	1-161-494-00	CERAMIC	0.022uF		25V
C903	1-124-556-11	ELECT	2200uF	20%	16V
C904	1-124-903-11	ELECT	1uF	20%	50V (US,CND)
C904	1-126-961-11	ELECT	2.2uF	20%	50V (EXCEPT AUS,SP,MY,CH)
C905	1-124-902-00	ELECT	0.47uF	20%	50V
C906	1-124-464-11	ELECT	0.22uF	20%	50V
C913	1-164-159-11	CERAMIC	0.1uF		50V
C914	1-164-159-11	CERAMIC	0.1uF		50V
< JACK >					
△ CNJ901	1-540-060-11	OUTLET, AC (POLAR) (EXCEPT AUS,SP,MY,CH)			
< CONNECTOR >					
CNP903	1-564-321-00	PIN, CONNECTOR 2P			
CNP904	1-580-230-11	PIN, CONNECTOR (PC BOARD) 2P (SP,MY,CH,AUS)			
CNP905	1-770-380-11	CONNECTOR, BOARD TO BOARD 8P			
* CNP906	1-564-687-11	PIN, CONNECTOR 3P (E,EA,PX)			
CNP908	1-564-320-00	PIN, CONNECTOR (B2P-VH) 2P (E,EA,PX)			
CNP908	1-564-321-00	PIN, CONNECTOR 2P (US,CND,AUS)			
< DIODE >					
D901	8-719-024-99	DIODE 11ES2-NTA2B			
D902	8-719-024-99	DIODE 11ES2-NTA2B			
D903	8-719-024-99	DIODE 11ES2-NTA2B			
D904	8-719-024-99	DIODE 11ES2-NTA2B			
D905	8-719-987-63	DIODE 1N4148M			
D906	8-719-987-63	DIODE 1N4148M			
D907	8-719-987-63	DIODE 1N4148M			
< FUSE >					
△ F901	1-532-504-51	FUSE, TIME LAG (T4.0AL/250V) (EXCEPT US,CND)			
△ F901	1-533-311-11	FUSE, GLASS CYLINDRICNDL (DIA.5) (8.0A/125V) (US,CND)			

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Replace only with part number specified.

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PS

PS JOINT

REMOTE CONTROL

Ref. No.	Part No.	Description	Remark
△ F902	1-532-464-51	FUSE, TIME LAG (T2.5AL/250V) (MY,SP,CH,AUS)	
△ F903	1-532-504-51	FUSE, TIME LAG (T4.0AL/250V)	(EXCEPT US,CND)
< IC >			
IC901	8-759-333-83	IC NJM2103D	
< TERMINAL BOARD >			
EB900	1-537-770-21	TERMINAL BOARD, GROUND	
< TRANSISTOR >			
Q901	8-729-119-79	TRANSISTOR 2SC2785-FEK	
Q902	8-729-209-15	TRANSISTOR 2SD2012	
< RESISTOR >			
△ R901	1-202-725-00	SOLID 3.3M 10% 1/2W	(US,CND)
R902	1-249-429-11	CARBON 10K 5% 1/4W	
R903	1-249-425-11	CARBON 4.7K 5% 1/4W	
R904	1-249-417-11	CARBON 1K 5% 1/4W	
R905	1-249-428-11	CARBON 8.2K 5% 1/4W	(EXCEPT SP,MY,CH)
R905	1-249-429-11	CARBON 10K 5% 1/4W	(SP,MY,CH)
R906	1-249-421-11	CARBON 2.2K 5% 1/4W	
R908	1-249-433-11	CARBON 22K 5% 1/4W	
R909	1-249-439-11	CARBON 68K 5% 1/4W	
R910	1-249-437-11	CARBON 47K 5% 1/4W	
R912	1-249-430-11	CARBON 12K 5% 1/4W	
< RELAY >			
△ RY901	1-515-999-11	RELAY, POWER	
< TRANSFORMER >			
△ T902	1-450-361-11	TRANSFORMER, POWER (US,CND)	
△ T902	1-429-236-11	TRANSFORMER, POWER	(SP,MY,CH,E,EA,PX,AUS)

*	1-661-008-11	PS JOINT BOARD	*****
< CONNECTOR >			
CNJ905	1-770-405-11	CONNECTOR, BOARD TO BOARD 8P	
CNP704	1-750-180-11	PIN, CONNECTOR (PC BOARD) 5P	
CNP803	1-770-407-11	CONNECTOR, BOARD TO BOARD 12P	

Ref. No.	Part No.	Description	Remark
*	A-4357-534-A	REMOTE CONTROL BOARD, COMPLETE	(DE905G)

< CAPACITOR >			
C1	1-165-319-11	CERAMIC CHIP 0.1uF	50V (DE905G)
C2	1-135-155-21	TANTALUM CHIP 4.7uF 10%	16V (DE905G)
C3	1-135-155-21	TANTALUM CHIP 4.7uF 10%	16V (DE905G)
C4	1-165-319-11	CERAMIC CHIP 0.1uF	50V (DE905G)
C5	1-165-319-11	CERAMIC CHIP 0.1uF	50V (DE905G)
C6	1-165-319-11	CERAMIC CHIP 0.1uF	50V (DE905G)
C7	1-164-232-11	CERAMIC CHIP 0.01uF	50V (DE905G)
C8	1-107-854-11	TANTAL. CHIP 68uF 20%	6.3V (DE905G)
C10	1-135-157-21	TANTALUM CHIP 10uF 20%	6.3V (DE905G)
C11	1-165-319-11	CERAMIC CHIP 0.1uF	50V (DE905G)
C13	1-164-346-11	CERAMIC CHIP 1uF	16V (DE905G)
C14	1-165-319-11	CERAMIC CHIP 0.1uF	50V (DE905G)
C15	1-163-018-00	CERAMIC CHIP 0.0056uF 5%	50V (DE905G)
C16	1-165-319-11	CERAMIC CHIP 0.1uF	50V (DE905G)
C17	1-165-319-11	CERAMIC CHIP 0.1uF	50V (DE905G)
C18	1-164-346-11	CERAMIC CHIP 1uF	16V (DE905G)
C19	1-163-104-00	CERAMIC CHIP 30PF 5%	50V (DE905G)
C20	1-163-104-00	CERAMIC CHIP 30PF 5%	50V (DE905G)
< CONNECTOR >			
* CNP1	1-564-336-00	PIN, CONNECTOR 2P (DE905G)	
< COMPOSITION CIRCUIT BLOCK >			
CP1	1-810-891-11	SENSOR (DE905G)	
CP2	1-810-891-21	SENSOR (DE905G)	
< DIODE >			
D1	8-719-938-75	DIODE SB05-05CP (DE905G)	
D2	8-719-800-76	DIODE 1SS226 (DE905G)	
D4	8-719-016-74	DIODE 1SS352 (DE905G)	

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REMOTE CONTROL

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
< IC >				R20	1-216-292-11	METAL GLAZE 8.2M 5%	1/8W (DE905G)
IC3	8-759-711-50	IC NJU7022M (DE905G)		R21	1-216-292-11	METAL GLAZE 8.2M 5%	1/8W (DE905G)
IC4	8-759-194-49	IC S-8100B (DE905G)		R22	1-216-073-00	METAL CHIP 10K 5%	1/10W (DE905G)
IC5	8-759-711-50	IC NJU7022M (DE905G)		R23	1-216-073-00	METAL CHIP 10K 5%	1/10W (DE905G)
IC6	8-759-242-74	IC TC7W04F (DE905G)		R24	1-216-097-91	METAL GLAZE 100K 5%	1/10W (DE905G)
IC7	8-759-194-47	IC S-8435GF-WD-T1 (DE905G)		R25	1-216-073-00	METAL CHIP 10K 5%	1/10W (DE905G)
IC8	8-759-281-68	IC uPD78011BGC-630-AB8 (DE905G)		R26	1-216-109-00	METAL CHIP 330K 5%	1/10W (DE905G)
IC9	8-759-009-08	IC MC14060BF (DE905G)		R27	1-216-073-00	METAL CHIP 10K 5%	1/10W (DE905G)
< COIL >				R28	1-216-129-00	METAL CHIP 2.2M 5%	1/10W (DE905G)
L1	1-406-970-11	COIL, CHOKE 470uH (DE905G)		R29	1-216-097-91	METAL GLAZE 100K 5%	1/10W (DE905G)
< TRANSISTOR >				R30	1-216-121-91	METAL GLAZE 1M 5%	1/10W (DE905G)
Q1	8-729-807-86	TRANSISTOR 2SB1295-UL5 (DE905G)		R31	1-216-113-00	METAL CHIP 470K 5%	1/10W (DE905G)
Q2	8-729-207-56	TRANSISTOR RN1402 (DE905G)		R32	1-216-106-00	METAL CHIP 240K 5%	1/10W (DE905G)
< RESISTOR >				R33	1-216-099-00	METAL CHIP 120K 5%	1/10W (DE905G)
R1	1-216-073-00	METAL CHIP 10K 5%	1/10W (DE905G)	R34	1-216-092-00	METAL GLAZE 62K 5%	1/10W (DE905G)
R2	1-216-097-91	METAL GLAZE 100K 5%	1/10W (DE905G)	R35	1-216-084-00	METAL CHIP 30K 5%	1/10W (DE905G)
R3	1-216-073-00	METAL CHIP 10K 5%	1/10W (DE905G)	R36	1-216-077-00	METAL CHIP 15K 5%	1/10W (DE905G)
R4	1-216-073-00	METAL CHIP 10K 5%	1/10W (DE905G)	R37	1-216-069-00	METAL CHIP 6.8K 5%	1/10W (DE905G)
R5	1-216-073-00	METAL CHIP 10K 5%	1/10W (DE905G)	R38	1-216-097-91	METAL GLAZE 100K 5%	1/10W (DE905G)
R6	1-216-097-91	METAL GLAZE 100K 5%	1/10W (DE905G)	R39	1-216-121-91	METAL GLAZE 1M 5%	1/10W (DE905G)
R7	1-216-073-00	METAL CHIP 10K 5%	1/10W (DE905G)	R40	1-216-113-00	METAL CHIP 470K 5%	1/10W (DE905G)
R8	1-216-109-00	METAL CHIP 330K 5%	1/10W (DE905G)	R41	1-216-106-00	METAL CHIP 240K 5%	1/10W (DE905G)
R9	1-216-109-00	METAL CHIP 330K 5%	1/10W (DE905G)	R42	1-216-099-00	METAL CHIP 120K 5%	1/10W (DE905G)
R10	1-216-073-00	METAL CHIP 10K 5%	1/10W (DE905G)	R43	1-216-092-00	METAL GLAZE 62K 5%	1/10W (DE905G)
R11	1-216-073-00	METAL CHIP 10K 5%	1/10W (DE905G)	R44	1-216-084-00	METAL CHIP 30K 5%	1/10W (DE905G)
R12	1-216-121-91	METAL GLAZE 1M 5%	1/10W (DE905G)	R45	1-216-077-00	METAL CHIP 15K 5%	1/10W (DE905G)
R13	1-216-089-91	METAL GLAZE 47K 5%	1/10W (DE905G)	R46	1-216-069-00	METAL CHIP 6.8K 5%	1/10W (DE905G)
R14	1-216-083-00	METAL CHIP 27K 5%	1/10W (DE905G)	R47	1-216-133-00	METAL CHIP 3.3M 5%	1/10W (DE905G)
R15	1-216-075-00	METAL CHIP 12K 5%	1/10W (DE905G)				
R16	1-216-097-91	METAL GLAZE 100K 5%	1/10W (DE905G)				
R17	1-216-073-00	METAL CHIP 10K 5%	1/10W (DE905G)				
R18	1-216-097-91	METAL GLAZE 100K 5%	1/10W (DE905G)				
R19	1-216-129-00	METAL CHIP 2.2M 5%	1/10W (DE905G)				

REMOTE CONTROL

S.VIDEO (A)

S.VIDEO (B)

Ref. No.	Part No.	Description	Remark
R48	1-216-133-00	METAL CHIP 3.3M 5%	1/10W (DE905G)
R49	1-216-133-00	METAL CHIP 3.3M 5%	1/10W (DE905G)
R50	1-216-133-00	METAL CHIP 3.3M 5%	1/10W (DE905G)
R51	1-216-097-91	METAL GLAZE 100K 5%	1/10W (DE905G)
R52	1-216-097-91	METAL GLAZE 100K 5%	1/10W (DE905G)
R53	1-216-045-00	METAL CHIP 680 5%	1/10W (DE905G)
R54	1-216-045-00	METAL CHIP 680 5%	1/10W (DE905G)
< RF MODULATOR >			
RF1	1-239-788-11	ENCAPSULATED COMPONENT (DE905G)	
< VARIABLE RESISTOR >			
RV1	1-238-859-11	RES, ADJ, CERMET 100K (DE905G)	
RV2	1-238-859-11	RES, ADJ, CERMET 100K (DE905G)	
< SWITCH >			
S1	1-692-459-11	SWITCH (ENTER) (DE905G)	
S2	1-692-771-11	SWITCH, DIP (4P) (SECURITY) (DE905G)	
< VIBRATOR >			
X1	1-578-713-21	VIBLATOR, CERAMIC (4.19MHz) (DE905G)	

*	A-4390-256-A	S.VIDEO (A) BOARD, COMPLETE (DE905G:US,CND)	
*	A-4390-277-A	S.VIDEO (A) BOARD, COMPLETE (DE905G:AUS)	
*	A-4390-287-A	S.VIDEO (A) BOARD, COMPLETE (DE805G:US,CND)	
*	A-4390-294-A	S.VIDEO (A) BOARD, COMPLETE (DE805G:AUS,E,EA,PX,SP,MY,CH)	

S.VIDEO (B) BOARD			

< CAPACITOR >			
C201	1-164-159-11	CERAMIC 0.1uF	50V (DE905G)
C202	1-164-159-11	CERAMIC 0.1uF	50V (DE905G)
C205	1-136-165-00	FILM 0.1uF 5%	50V (DE905G)
C207	1-164-095-11	CERAMIC 0.01uF 10%	16V (DE905G)
C209	1-164-095-11	CERAMIC 0.01uF 10%	16V (DE905G)
C210	1-124-903-11	ELECT 1uF 20%	50V (DE905G)

Ref. No.	Part No.	Description	Remark
C214	1-136-165-00	FILM 0.1uF 5%	50V (DE905G)
C215	1-164-159-11	CERAMIC 0.1uF	50V (DE905G)
C216	1-164-159-11	CERAMIC 0.1uF	50V (DE905G)
C217	1-104-664-11	ELECT 47uF 20%	16V (DE905G)
C225	1-164-095-11	CERAMIC 0.01uF 10%	16V (DE905G)
C227	1-124-907-11	ELECT 10uF 20%	50V (DE905G)
C229	1-124-903-11	ELECT 1uF 20%	50V (DE905G)
C240	1-164-159-11	CERAMIC 0.1uF	50V (DE905G)
C245	1-136-165-00	FILM 0.1uF 5%	50V (DE905G)
C278	1-124-903-11	ELECT 1uF 20%	50V (DE905G)
C281	1-161-494-00	CERAMIC 0.022uF	25V (DE905G)
< CONNECTOR >			
CNJ201	1-695-096-11	SOCKET, CONNECTOR 15P	
CNJ203	1-695-095-11	SOCKET, CONNECTOR 13P	
< FRONT END >			
FE201	1-233-348-11	ENCAPSULATED COMPONENT (DE905G)	
< IC >			
IC201	8-759-135-80	IC uPC358C (US,CND)	
IC203	8-759-061-95	IC SN761200 (DE905G)	
IC204	8-759-061-95	IC SN761200 (DE905G)	
IC212	8-759-269-92	IC SN74HCU04ANS-E20 (DE905G)	
< JACK >			
J201	1-563-330-11	JACK (RC ANT IN) (DE905G)	
J204	1-537-943-11	TERMINAL, S (MONITOR OUT) (DE905G)	
J205	1-537-943-11	TERMINAL, S (LD) (DE905G)	
J207	1-691-964-11	CONNECTOR (ROUND TYPE) (VIDEO 1 IN/OUT) (DE905G)	
J212	1-563-330-11	JACK (VIDEO 1,CONTROL S IN) (US,CND)	
J213	1-563-330-11	JACK (VIDEO 2,CONTROL S IN) (US,CND)	
J214	1-563-330-11	JACK (MONITOR,CONTROL S OUT) (US,CND)	
< COIL >			
L203	1-410-521-11	INDUCTOR 100uH	
< TRANSISTOR >			
Q204	8-729-119-76	TRANSISTOR 2SA1175-HFE (DE905G)	
Q205	8-729-119-76	TRANSISTOR 2SA1175-HFE (US,CND)	
Q208	8-729-620-05	TRANSISTOR 2SC2603-EF (DE905G)	

SP TERMINAL

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.
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SP TERMINAL

SURR

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
R724	1-249-429-11	CARBON	10K	5%	1/4W	C413	1-136-165-00	FILM	0.1uF	5%	50V
R725	1-249-425-11	CARBON	4.7K	5%	1/4W	C414	1-136-165-00	FILM	0.1uF	5%	50V
△ R726	1-249-414-11	CARBON	560	5%	1/4W F	C415	1-124-902-00	ELECT	0.47uF	20%	50V
R729	1-249-433-11	CARBON	22K	5%	1/4W	C416	1-126-963-11	ELECT	4.7uF	20%	50V
R730	1-249-433-11	CARBON	22K	5%	1/4W	C417	1-124-902-00	ELECT	0.47uF	20%	50V
△ R763	1-249-389-11	CARBON	4.7	5%	1/4W F	C418	1-126-963-11	ELECT	4.7uF	20%	50V
< RELAY >						C419	1-124-250-11	ELECT	0.15uF	20%	50V
						C420	1-126-962-11	ELECT	3.3uF	20%	50V
RY701	1-515-741-11	RELAY				C421	1-124-250-11	ELECT	0.15uF	20%	50V
< SWITCH >						C422	1-162-282-31	CERAMIC	100PF	10%	50V
						C423	1-104-664-11	ELECT	47uF	20%	16V
S701	1-692-196-11	SWITCH, SLIDE (IMPEDANCE SELECTOR)				C424	1-136-165-00	FILM	0.1uF	5%	50V
(EXCEPT SP,MY,CH)						C425	1-136-165-00	FILM	0.1uF	5%	50V
< TERMINAL >						C426	1-124-902-00	ELECT	0.47uF	20%	50V
						C427	1-126-963-11	ELECT	4.7uF	20%	50V
TM701	1-537-894-11	TERMINAL BOARD (SP)				C428	1-126-963-11	ELECT	4.7uF	20%	50V
*****						C429	1-124-250-11	ELECT	0.15uF	20%	50V
						C430	1-124-902-00	ELECT	0.47uF	20%	50V
*	A-4390-259-A	SURR BOARD, COMPLETE				C431	1-126-962-11	ELECT	3.3uF	20%	50V
(EXCEPT AUS,SP,MY,CH)						C432	1-124-250-11	ELECT	0.15uF	20%	50V
*	A-4390-283-A	SURR BOARD, COMPLETE (AUS)				C433	1-104-666-11	ELECT	220uF	20%	10V
*	A-4390-298-A	SURR BOARD, COMPLETE (SP,MY,CH)				C434	1-164-159-11	CERAMIC	0.1uF		50V
*****						C435	1-164-159-11	CERAMIC	0.1uF		50V
< CAPACITOR >						C436	1-126-961-11	ELECT	2.2uF	20%	50V
						C437	1-104-666-11	ELECT	220uF	20%	10V
C301	1-126-163-11	ELECT	4.7uF	20%	50V	C438	1-136-165-00	FILM	0.1uF	5%	50V
C311	1-124-907-11	ELECT	10uF	20%	50V	C439	1-124-907-11	ELECT	10uF	20%	50V
C312	1-124-907-11	ELECT	10uF	20%	50V	C440	1-130-469-00	MYLAR	680PF	5%	50V
C313	1-124-907-11	ELECT	10uF	20%	50V	C441	1-124-907-11	ELECT	10uF	20%	50V
C316	1-164-159-11	CERAMIC	0.1uF		50V	C442	1-124-907-11	ELECT	10uF	20%	50V
C325	1-104-664-11	ELECT	47uF	20%	16V	C443	1-164-159-11	CERAMIC	0.1uF		50V
C326	1-104-664-11	ELECT	47uF	20%	16V	C444	1-124-907-11	ELECT	10uF	20%	50V
C327	1-104-664-11	ELECT	47uF	20%	16V	C445	1-164-159-11	CERAMIC	0.1uF		50V
C328	1-104-664-11	ELECT	47uF	20%	16V	C446	1-164-159-11	CERAMIC	0.1uF		50V
C351	1-126-163-11	ELECT	4.7uF	20%	50V	C447	1-136-173-00	FILM	0.47uF	5%	50V
C361	1-124-907-11	ELECT	10uF	20%	50V	C448	1-136-153-00	FILM	0.01uF	5%	50V
C362	1-124-907-11	ELECT	10uF	20%	50V	C449	1-136-153-00	FILM	0.01uF	5%	50V
C363	1-124-907-11	ELECT	10uF	20%	50V	C451	1-164-159-11	CERAMIC	0.1uF		50V
C366	1-164-159-11	CERAMIC	0.1uF		50V	C452	1-104-666-11	ELECT	220uF	20%	10V
C397	1-102-106-00	CERAMIC	100PF	10%	50V	C453	1-136-159-00	FILM	0.033uF	5%	50V
C398	1-102-074-00	CERAMIC	0.001uF	10%	50V	C454	1-130-473-00	MYLAR	0.0015uF	5%	50V
C400	1-162-282-31	CERAMIC	100PF	10%	50V	C455	1-136-159-00	FILM	0.033uF	5%	50V
C403	1-136-157-00	FILM	0.022uF	5%	50V	C456	1-124-903-11	ELECT	1uF	20%	50V
C404	1-136-161-00	FILM	0.047uF	5%	50V	C457	1-104-666-11	ELECT	220uF	20%	10V
C405	1-104-666-11	ELECT	220uF	20%	10V	C458	1-164-159-11	CERAMIC	0.1uF		50V
C406	1-124-907-11	ELECT	10uF	20%	50V	C459	1-164-159-11	CERAMIC	0.1uF		50V
C407	1-124-907-11	ELECT	10uF	20%	50V	C460	1-126-934-11	ELECT	220uF	20%	16V
C408	1-124-907-11	ELECT	10uF	20%	50V	C463	1-126-968-11	ELECT	100uF	20%	50V
C409	1-124-907-11	ELECT	10uF	20%	50V	C464	1-126-968-11	ELECT	100uF	20%	50V
C410	1-104-666-11	ELECT	220uF	20%	10V	C465	1-162-199-31	CERAMIC	10PF	5%	50V
C411	1-124-907-11	ELECT	10uF	20%	50V	C473	1-126-963-11	ELECT	4.7uF	20%	50V
C412	1-124-907-11	ELECT	10uF	20%	50V	C491	1-124-907-11	ELECT	10uF	20%	50V

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Ref. No.	Part No.	Description			Remark
C492	1-124-907-11	ELECT	10uF	20%	50V
C494	1-124-907-11	ELECT	10uF	20%	50V
C495	1-164-159-11	CERAMIC	0.1uF		50V
C501	1-124-907-11	ELECT	10uF	20%	50V
C502	1-102-106-00	CERAMIC	100PF	10%	50V
C503	1-102-989-00	CERAMIC	68PF	5%	500V
C504	1-102-989-00	CERAMIC	68PF	5%	500V
C505	1-124-443-00	ELECT	100uF	20%	10V
C506	1-136-159-00	FILM	0.033uF	5%	50V
C507	1-136-171-00	FILM	0.33uF	5%	50V
C508	1-104-664-11	ELECT	47uF	20%	16V
C509	1-136-495-11	FILM	0.068uF	5%	50V
C510	1-136-154-00	FILM	0.012uF	5%	50V
C511	1-130-476-00	MYLAR	0.0027uF	5%	50V
C512	1-136-157-00	FILM	0.022uF	5%	50V
C513	1-102-947-00	CERAMIC	10PF	5%	50V
C514	1-102-947-00	CERAMIC	10PF	5%	50V
C515	1-136-153-00	FILM	0.01uF	5%	50V
C516	1-136-153-00	FILM	0.01uF	5%	50V
C517	1-162-195-31	CERAMIC	4.7PF	10%	50V
C518	1-162-195-31	CERAMIC	4.7PF	10%	50V
C521	1-124-907-11	ELECT	10uF	20%	50V
C522	1-102-106-00	CERAMIC	100PF	10%	50V
C523	1-104-664-11	ELECT	47uF	20%	16V
C524	1-102-989-00	CERAMIC	68PF	5%	500V
C525	1-102-989-00	CERAMIC	68PF	5%	500V
C526	1-102-937-00	CERAMIC	4.0PF	±0.25PF	50V
C527	1-136-153-00	FILM	0.01uF	5%	50V
C528	1-136-153-00	FILM	0.01uF	5%	50V
C551	1-124-907-11	ELECT	10uF	20%	50V
C552	1-102-106-00	CERAMIC	100PF	10%	50V
C553	1-102-989-00	CERAMIC	68PF	5%	500V
C554	1-102-989-00	CERAMIC	68PF	5%	500V
C555	1-124-443-00	ELECT	100uF	20%	10V
C556	1-136-159-00	FILM	0.033uF	5%	50V
C557	1-136-171-00	FILM	0.33uF	5%	50V
C558	1-104-664-11	ELECT	47uF	20%	16V
C559	1-136-495-11	FILM	0.068uF	5%	50V
C560	1-136-154-00	FILM	0.012uF	5%	50V
C561	1-130-476-00	MYLAR	0.0027uF	5%	50V
C562	1-136-157-00	FILM	0.022uF	5%	50V
C563	1-102-947-00	CERAMIC	10PF	5%	50V
C564	1-102-947-00	CERAMIC	10PF	5%	50V
C593	1-124-916-11	ELECT	22uF	20%	63V
C594	1-124-916-11	ELECT	22uF	20%	63V
C595	1-164-159-11	CERAMIC	0.1uF		50V
C596	1-104-664-11	ELECT	47uF	20%	16V
C597	1-104-664-11	ELECT	47uF	20%	16V
C598	1-162-282-31	CERAMIC	100PF	10%	50V

Ref. No.	Part No.	Description	Remark
		< CONNECTOR >	
CNJ299	1-770-864-11	CONNECTOR, BOARD TO BOARD 7P	
CNJ501	1-770-404-11	HOUSING,CONNECTOR(PC BOARD)11P	
CNJ502	1-770-404-11	HOUSING,CONNECTOR(PC BOARD)11P	
CNP303	1-695-091-11	PIN; CONNECTOR (PC BOARD) 15P	
CNP401	1-750-180-11	PIN, CONNECTOR (PC BOARD) 5P	
CNP404	1-695-090-11	PIN, CONNECTOR (PC BOARD) 13P	
CNS402	1-764-962-11	CONNECTOR,FFC(LIF(NON-ZIF))21P	
		< DIODE >	
D402	8-719-987-63	DIODE 1N4148M	
D403	8-719-024-99	DIODE 11ES2-NTA2B	
D405	8-719-987-63	DIODE 1N4148M (SP,MY,CH)	
		< TERMINAL BOARD >	
EB400	1-537-770-21	TERMINAL BOARD, GROUND	
EB401	1-537-770-21	TERMINAL BOARD, GROUND	
		< IC >	
IC302	8-759-634-50	IC M5218AL	
IC303	8-759-634-50	IC M5218AL	
IC305	8-759-805-14	IC LC7822	
IC401	8-759-248-74	IC LA2785	
IC402	8-759-341-23	IC LV1011	
IC403	8-759-634-51	IC M5218AP	
IC404	8-759-701-59	IC NJM78M09FA	
IC406	8-759-634-51	IC M5218AP	
IC407	8-759-801-01	IC LC4966	
IC501	8-749-010-79	IC STK350-030	
IC502	8-759-072-32	IC TC9184P	
IC503	8-749-011-16	IC STK350-230	
		< JACK >	
J301	1-774-411-11	JACK, PIN 6P (DAT/MD REC OUT,CD,PHONO)	
J302	1-770-015-11	JACK, PIN 6P (TAPE IN,RECOUT,DAT/MD IN)	
		< COIL >	
L401	1-410-509-11	INDUCTOR 10uH	
L402	1-410-509-11	INDUCTOR 10uH	
		< TRANSISTOR >	
Q301	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q302	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q403	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q404	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q405	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q406	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q407	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q409	8-729-900-63	TRANSISTOR DTA124ES	
Q410	8-729-900-63	TRANSISTOR DTA124ES	
Q411	8-729-900-63	TRANSISTOR DTA124ES	

SURR

Ref. No.	Part No.	Description	Remark		
Q412	8-729-620-05	TRANSISTOR	2SC2603-EF (SP,MY,CH)		
Q451	8-729-900-63	TRANSISTOR	DTA124ES		
Q452	8-729-900-36	TRANSISTOR	DTC124ES		
Q501	8-729-141-30	TRANSISTOR	2SC3623A-LK		
Q502	8-729-202-67	TRANSISTOR	2SK246-GR3		
Q551	8-729-141-30	TRANSISTOR	2SC3623A-LK		
Q552	8-729-202-67	TRANSISTOR	2SK246-GR3		
< RESISTOR >					
R301	1-249-409-11	CARBON	220	5%	1/4W
R302	1-249-441-11	CARBON	100K	5%	1/4W
R310	1-249-421-11	CARBON	2.2K	5%	1/4W
R311	1-249-417-11	CARBON	1K	5%	1/4W
R312	1-249-417-11	CARBON	1K	5%	1/4W
R313	1-249-417-11	CARBON	1K	5%	1/4W
R314	1-249-417-11	CARBON	1K	5%	1/4W
R315	1-249-441-11	CARBON	100K	5%	1/4W
R316	1-249-437-11	CARBON	47K	5%	1/4W
R317	1-249-437-11	CARBON	47K	5%	1/4W
R318	1-249-441-11	CARBON	100K	5%	1/4W
R319	1-249-417-11	CARBON	1K	5%	1/4W
R320	1-249-425-11	CARBON	4.7K	5%	1/4W
R321	1-249-429-11	CARBON	10K	5%	1/4W
R329	1-247-807-31	CARBON	100	5%	1/4W
R330	1-247-807-31	CARBON	100	5%	1/4W
R331	1-247-807-31	CARBON	100	5%	1/4W
R332	1-247-807-31	CARBON	100	5%	1/4W
R351	1-249-409-11	CARBON	220	5%	1/4W
R352	1-249-441-11	CARBON	100K	5%	1/4W
R360	1-249-421-11	CARBON	2.2K	5%	1/4W
R361	1-249-417-11	CARBON	1K	5%	1/4W
R362	1-249-417-11	CARBON	1K	5%	1/4W
R363	1-249-417-11	CARBON	1K	5%	1/4W
R364	1-249-417-11	CARBON	1K	5%	1/4W
R365	1-249-441-11	CARBON	100K	5%	1/4W
R366	1-249-437-11	CARBON	47K	5%	1/4W
R367	1-249-437-11	CARBON	47K	5%	1/4W
R368	1-249-441-11	CARBON	100K	5%	1/4W
R369	1-249-417-11	CARBON	1K	5%	1/4W
R370	1-249-425-11	CARBON	4.7K	5%	1/4W
R371	1-249-429-11	CARBON	10K	5%	1/4W
R397	1-249-417-11	CARBON	1K	5%	1/4W
R398	1-249-425-11	CARBON	4.7K	5%	1/4W
R407	1-249-417-11	CARBON	1K	5%	1/4W
R408	1-249-431-11	CARBON	15K	5%	1/4W
R409	1-249-425-11	CARBON	4.7K	5%	1/4W
R410	1-249-436-11	CARBON	39K	5%	1/4W
R411	1-249-439-11	CARBON	68K	5%	1/4W
R412	1-247-903-00	CARBON	1M	5%	1/4W
R413	1-249-441-11	CARBON	100K	5%	1/4W
R414	1-249-429-11	CARBON	10K	5%	1/4W
R415	1-249-433-11	CARBON	22K	5%	1/4W

Ref. No.	Part No.	Description	Remark			
R416	1-249-413-11	CARBON	470	5%	1/4W	
R417	1-249-413-11	CARBON	470	5%	1/4W	
R418	1-249-413-11	CARBON	470	5%	1/4W	
R419	1-249-425-11	CARBON	4.7K	5%	1/4W	
R420	1-249-425-11	CARBON	4.7K	5%	1/4W	
R432	1-249-441-11	CARBON	100K	5%	1/4W	
R433	1-249-437-11	CARBON	47K	5%	1/4W	
R434	1-249-441-11	CARBON	100K	5%	1/4W	
R435	1-249-437-11	CARBON	47K	5%	1/4W	
R436	1-249-437-11	CARBON	47K	5%	1/4W	
R437	1-249-416-11	CARBON	820	5%	1/4W	
R438	1-249-429-11	CARBON	10K	5%	1/4W	
R441	1-249-431-11	CARBON	15K	5%	1/4W	
R442	1-249-429-11	CARBON	10K	5%	1/4W	
R443	1-249-433-11	CARBON	22K	5%	1/4W	
R444	1-249-429-11	CARBON	10K	5%	1/4W	
R445	1-249-417-11	CARBON	1K	5%	1/4W	
R446	1-249-429-11	CARBON	10K	5%	1/4W	
R447	1-247-883-11	CARBON	150K	5%	1/4W	
R448	1-249-429-11	CARBON	10K	5%	1/4W	
R449	1-249-417-11	CARBON	1K	5%	1/4W	
R450	1-249-441-11	CARBON	100K	5%	1/4W	
R451	1-249-425-11	CARBON	4.7K	5%	1/4W	(SP,MY,CH)
R452	1-249-441-11	CARBON	100K	5%	1/4W	(SP,MY,CH)
R453	1-249-441-11	CARBON	100K	5%	1/4W	
R454	1-249-441-11	CARBON	100K	5%	1/4W	
R463	1-249-441-11	CARBON	100K	5%	1/4W	
R464	1-249-429-11	CARBON	10K	5%	1/4W	
R465	1-249-429-11	CARBON	10K	5%	1/4W	
R468	1-249-413-11	CARBON	470	5%	1/4W	
R469	1-249-425-11	CARBON	4.7K	5%	1/4W	
R501	1-249-417-11	CARBON	1K	5%	1/4W	
R502	1-249-441-11	CARBON	100K	5%	1/4W	
R503	1-249-413-11	CARBON	470	5%	1/4W	
R504	1-249-440-11	CARBON	82K	5%	1/4W	
R505	1-249-433-11	CARBON	22K	5%	1/4W	
R506	1-249-413-11	CARBON	470	5%	1/4W	
R507	1-249-427-11	CARBON	6.8K	5%	1/4W	
R508	1-247-883-00	CARBON	150K	5%	1/4W	
R509	1-247-843-11	CARBON	3.3K	5%	1/4W	
R510	1-247-903-00	CARBON	1M	5%	1/4W	
R511	1-249-441-11	CARBON	100K	5%	1/4W	
R512	1-249-426-11	CARBON	5.6K	5%	1/4W	
R513	1-249-441-11	CARBON	100K	5%	1/4W	(EXCEPT SP,MY,CH)
R515	1-249-434-11	CARBON	27K	5%	1/4W	
R516	1-249-426-11	CARBON	5.6K	5%	1/4W	
R517	1-249-418-11	CARBON	1.2K	5%	1/4W	
R518	1-249-415-11	CARBON	680	5%	1/4W	

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
R519	1-249-431-11	CARBON	15K	5%	1/4W (EXCEPT SP,MY,CH)			< TUNER >			
R519	1-249-428-11	CARBON	8.2K	5%	1/4W (SP,MY,CH)	TU401	1-233-592-11	ENCAPSULATED COMPONENT			(EXCEPT AUS,SP,MY,CH)
R521	1-249-417-11	CARBON	1K	5%	1/4W	TU401	1-233-654-11	ENCAPSULATED COMPONENT (SP,MY,CH,AUS)			
R523	1-249-438-11	CARBON	56K	5%	1/4W			< VIBRATOR >			
R524	1-249-413-11	CARBON	470	5%	1/4W	X401	1-579-952-21	VIBRATOR, CERAMIC (8MHz)			
R525	1-249-412-11	CARBON	390	5%	1/4W (EXCEPT SP,MY,CH)	*****					
R525	1-249-415-11	CARBON	680	5%	1/4W (SP,MY,CH)	*	1-661-040-11	VIDEO 3 BOARD			
R526	1-249-438-11	CARBON	56K	5%	1/4W			*****			
R551	1-249-417-11	CARBON	1K	5%	1/4W			< CAPACITOR >			
R552	1-249-441-11	CARBON	100K	5%	1/4W	C299	1-164-159-11	CERAMIC 0.1uF			50V
R553	1-249-413-11	CARBON	470	5%	1/4W			< CONNECTOR >			
R554	1-249-440-11	CARBON	82K	5%	1/4W	CNP299	1-770-865-11	CONNECTOR, BOARD TO BOARD 7P			
R555	1-249-433-11	CARBON	22K	5%	1/4W			< JACK >			
R556	1-249-413-11	CARBON	470	5%	1/4W	J299	1-764-190-21	JACK, PIN 3P (VIDEO 3 AUDIO,VIDEO IN)			(DE905G)
R557	1-249-427-11	CARBON	6.8K	5%	1/4W	J299	1-778-056-11	JACK, PIN 3P (VIDEO 3 INPUT) (DE805G)			
R558	1-247-883-00	CARBON	150K	5%	1/4W			< RESISTOR >			
R559	1-247-843-11	CARBON	3.3K	5%	1/4W	R297	1-249-403-11	CARBON 68		5%	1/4W
R560	1-247-903-00	CARBON	1M	5%	1/4W	R298	1-249-403-11	CARBON 68		5%	1/4W
R561	1-249-441-11	CARBON	100K	5%	1/4W	R299	1-249-403-11	CARBON 68		5%	1/4W
R562	1-249-426-11	CARBON	5.6K	5%	1/4W	*****					
R563	1-249-441-11	CARBON	100K	5%	1/4W	*	1-660-999-11	VOL BOARD			
R565	1-249-434-11	CARBON	27K	5%	1/4W			*****			
R566	1-249-426-11	CARBON	5.6K	5%	1/4W			< CONNECTOR >			
R567	1-249-418-11	CARBON	1.2K	5%	1/4W	CNJ405	1-695-095-11	SOCKET, CONNECTOR 13P			
R568	1-249-415-11	CARBON	680	5%	1/4W	CNP108	1-770-389-11	PIN, CONNECTOR (PC BOARD) 5P			
R569	1-249-431-11	CARBON	15K	5%	1/4W (EXCEPT SP,MY,CH)			< RESISTOR >			
R569	1-249-428-11	CARBON	8.2K	5%	1/4W (SP,MY,CH)	R499	1-249-411-11	CARBON 330		5%	1/4W
△ R592	1-249-397-11	CARBON	22	5%	1/4W F			< VARIABLE RESISTOR >			
△ R593	1-249-397-11	CARBON	22	5%	1/4W F	RV401	1-225-245-11	RES, VAR, CARBON (MASTER VOLUME)			
R594	1-247-903-00	CARBON	1M	5%	1/4W	*****					
R595	1-249-425-11	CARBON	4.7K	5%	1/4W	*	1-661-042-11	VOL JOINT BOARD			
R596	1-249-419-11	CARBON	1.5K	5%	1/4W			*****			
R597	1-249-419-11	CARBON	1.5K	5%	1/4W			< CONNECTOR >			
R598	1-249-425-11	CARBON	4.7K	5%	1/4W	CNJ404	1-695-095-11	SOCKET, CONNECTOR 13P			
R599	1-249-417-11	CARBON	1K	5%	1/4W	CNP405	1-695-090-11	PIN, CONNECTOR (PC BOARD) 13P			
		< RELAY >				*****					
RY401	1-515-614-11	RELAY (SP,MY,CH)									
		< TERMINAL >									
TM401	1-537-714-11	TERMINAL BOARD (ANTENNA) (SP,MY,CH,AUS)									
TM401	1-537-734-11	TERMINAL BOARD, ANT (ANTENNA) (EXCEPT AUS,SP,MY,CH)									

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VOLTAGE SELECTOR

Ref. No.	Part No.	Description	Remark
*	1-661-068-11	VOLTAGE SELECTOR BOARD (E,EA,PX) *****	
		< CONNECTOR >	
CNP910	1-564-321-00	PIN, CONNECTOR 2P (E,EA,PX)	
* CNP911	1-564-687-11	PIN, CONNECTOR 3P (E,EA,PX)	
* CNP912	1-564-687-11	PIN, CONNECTOR 3P (E,EA,PX)	
		< SWITCH >	
△ S902	1-571-437-11	SWITCH, POWER VOLTAGE CHANGE (VOLTAGE SELECTOR) (E,EA,PX) *****	
		MISCELLANEOUS *****	
18	1-773-709-11	WIRE (FLAT TYPE) (21 CORE)	
19	1-773-638-11	WIRE (FLAT TYPE) (17 CORE)	
20	1-773-723-11	WIRE (FLAT TYPE) (21 CORE)	
54	1-533-217-31	HOLDER, FUSE	
△ 65	1-696-847-11	CORD, POWER (AUS)	
△ 65	1-769-743-11	CORD, POWER (US,CND)	
△ 65	1-769-744-11	CORD, POWER (MY,SP,CH,E,EA,PX)	
75	1-773-638-11	WIRE (FLAT TYPE) (17 CORE)	
79	1-773-840-11	WIRE (FLAT TYPE) (29 CORE)	
△ 82	1-569-008-11	ADAPTOR, CONVERSION 2P (E,EA,PX)	
159	X-4944-184-3	BATTERY COVER ASSY (FOR RM-VP1)(DE905G)	
165	A-4352-701-A	REMOCON ASSY (RM-VP1) (DE905G)	
△ CNJ904	1-251-078-11	OUTLET, AC. (AUS)	
△ CNJ904	1-526-794-11	OUTLET, AC (MY,SP,CH)	
△ F801	1-532-506-51	FUSE, TIME LAG (T6.3AL/250V) (EXCEPT US,CND)	
△ F801	1-533-311-11	FUSE, GLASS CYLINDRICNDL(DIA.5) (8.0A/125V) (US,CND)	
△ F802	1-532-506-51	FUSE, TIME LAG (T6.3AL/250V) (EXCEPT US,CND)	
△ F802	1-533-311-11	FUSE, GLASS CYLINDRICNDL(DIA.5) (8.0A/125V)(US,CND)	
△ F803	1-532-504-51	FUSE, TIME LAG (T4.0AL/250V) (EXCEPT US,CND)	
△ F803	1-576-108-11	FUSE, (4.0A/125V)(US,CND)	
△ F804	1-532-504-51	FUSE, TIME LAG (T4.0AL/250V) (EXCEPT US,CND)	
△ F804	1-576-108-11	FUSE, (4.0A/125V)(US,CND)	
△ F901	1-532-504-51	FUSE, TIME LAG (T4.0AL/250V) (EXCEPT US,CND)	
△ F901	1-533-311-11	FUSE, GLASS CYLINDRICNDL(DIA.5) (8.0A/125V)(US,CND)	
△ F902	1-532-464-51	FUSE, TIME LAG (T2.5AL/250V) (MY,SP,CH,AUS)	
△ F903	1-532-504-51	FUSE, TIME LAG (T4.0AL/250V) (E,EA,PX)	

Ref. No.	Part No.	Description	Remark
FL101	1-517-519-11	INDICATOR TUBE, FLUORESCENT	
△ S902	1-571-437-11	SWITCH, POWER VOLTAGE CHANGE (VOLTAGE SELECTOR) (E,EA,PX)	
△ T901	1-429-541-11	TRANSFORMER, POWER (US)	
△ T901	1-429-542-11	TRANSFORMER, POWER (MY,SP,CH)	
△ T901	1-429-544-11	TRANSFORMER, POWER (AUS)	
△ T901	1-429-545-11	TRANSFORMER, POWER (E,EA,PX)	
△ T901	1-429-564-11	TRANSFORMER, POWER (CND)	

ACCESSORIES & PACKING MATERIALS

4-987-339-01	BATTERY COVER (FOR RM-VR1) (DE805G)
1-473-658-11	REMOTE COMMANDER (RM-VR1) (DE805G)
1-501-594-11	ANTENNA (FM) (DE905G/DE805G:EXCEPT AUS)
1-501-662-11	ANTENNA (FOR RM-VP1) (DE905G)
1-501-721-11	ANTENNA (LOOP)
1-751-619-11	CORD, CONNECTION (US,CND)
1-777-172-21	CORD, CONNECTION (US,CND)
3-856-142-11	MANUAL, INSTRUCTION (ENGLISH) (US,CND)
3-856-142-21	MANUAL, INSTRUCTION (FRENCH) (CND)
3-856-142-31	MANUAL, INSTRUCTION (ENGLISH,FRENCH,CHINESE) (EXCEPT US,CND)
*	4-982-213-01 CUSHION
*	4-983-906-01 INDIVIDUAL CARTON (DE905G)
*	4-983-908-01 INDIVIDUAL CARTON (DE805G:US,CA,AUS)
*	4-983-909-01 INDIVIDUAL CARTON (DE805G:MY,SP,CH,E,EA,PX)
8-917-208-90	REPEATER, IR RM-IR100 SET (DE905G)
A-4352-701-A	REMOCON ASSY (RM-VP1) (DE905G)
X-4944-184-3	BATTERY COVER ASSY (FOR RM-VP1) (DE905G)

HARDWARE LIST

#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3
#2	7-682-548-04	SCREW +BVTT 3X8 (S)
#3	7-685-104-19	SCREW +P 2X6 TYPE2 NON-SLIT (DE905G)
#4	7-685-102-19	SCREW +P 2X4 NON-SLIT TYPE 2 (DE905G)
#5	7-685-103-19	+ PTPWH (2X5) (DE905G)

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