

# DIGITAL WORKSTATION

# PSR-S710

# PSR-S910

## SERVICE MANUAL



PSR-S710



PSR-S910

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**IMPORTANT NOTICE**

This manual has been provided for the use of authorized Yamaha Retailers and their service personnel. It has been assumed that basic service procedures inherent to the industry, and more specifically Yamaha Products, are already known and understood by the users, and have therefore not been restated.

**WARNING :** Failure to follow appropriate service and safety procedures when servicing this product may result in personal injury, destruction of expensive components and failure of the product to perform as specified. For these reasons, we advise all Yamaha product owners that all service required should be performed by an authorized Yamaha Retailer or the appointed service representative.

**IMPORTANT :** This presentation or sale of this manual to any individual or firm does not constitute authorization certification, recognition of any applicable technical capabilities, or establish a principal-agent relationship of any form.

The data provided is believed to be accurate and applicable to the unit(s) indicated on the cover. The research engineering, and service departments of Yamaha are continually striving to improve Yamaha products. Modifications are, therefore, inevitable and changes in specification are subject to change without notice or obligation to retrofit. Should any discrepancy appear to exist, please contact the distributor's Service Division.

**WARNING :** Static discharges can destroy expensive components. Discharge any static electricity your body may have accumulated by grounding yourself to the ground bus in the unit (heavy gauge black wires connect to this bus.)

**IMPORTANT :** Turn the unit **OFF** during disassembly and parts replacement. Recheck **all** work before you apply power to the unit.

**WARNING:** This product contains chemicals known to the State of California to cause cancer, or birth defects or other reproductive harm. **DO NOT PLACE SOLDER, ELECTRICAL/ELECTRONIC OR PLASTIC COMPONENTS IN YOUR MOUTH FOR ANY REASON WHAT SO EVER!** Avoid prolonged, unprotected contact between solder and your skin! When soldering, do not inhale solder fumes or expose eyes to solder/flux vapor!

If you come in contact with solder or components located inside the enclosure of this product, wash your hands before handling food.

**IMPORTANT NOTICE FOR THE UNITED KINGDOM****Connecting the Plug and Cord**

**IMPORTANT.** The wires in this mains lead are coloured in accordance with the following code:

BLUE : NEUTRAL      BROWN : LIVE


As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug proceed as follows:

The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLACK.

The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured RED.

Making sure that neither core is connected to the earth terminal of the three pin plug.

**■ WARNING**

Components having special characteristics are marked  and must be replaced with parts having specification equal to those originally installed.

**■ SAVING DATA**

**Be sure to perform it**

**Saving and backing up your data**

- Edited Songs/Styles/Voices/Multi Pads and MIDI settings are lost when you turn off the power to the instrument. Save the data to the USER tab display, USB storage device (USB flash memory, etc.).
- Data in the USER tab display may be lost due to malfunction or incorrect operation. Save important data to a USB storage device.

**When you change settings in a display page and then exit from that page, Data other than above (edited Songs/Styles/Voices/Multi Pads and MIDI settings, etc.) is automatically stored. However, this edited data is lost if you turn off the power without properly exiting from the relevant display.**

**Backing up the USB storage device**

- To protect against data loss through media damage, we recommend that you save your important data onto two USB storage devices.

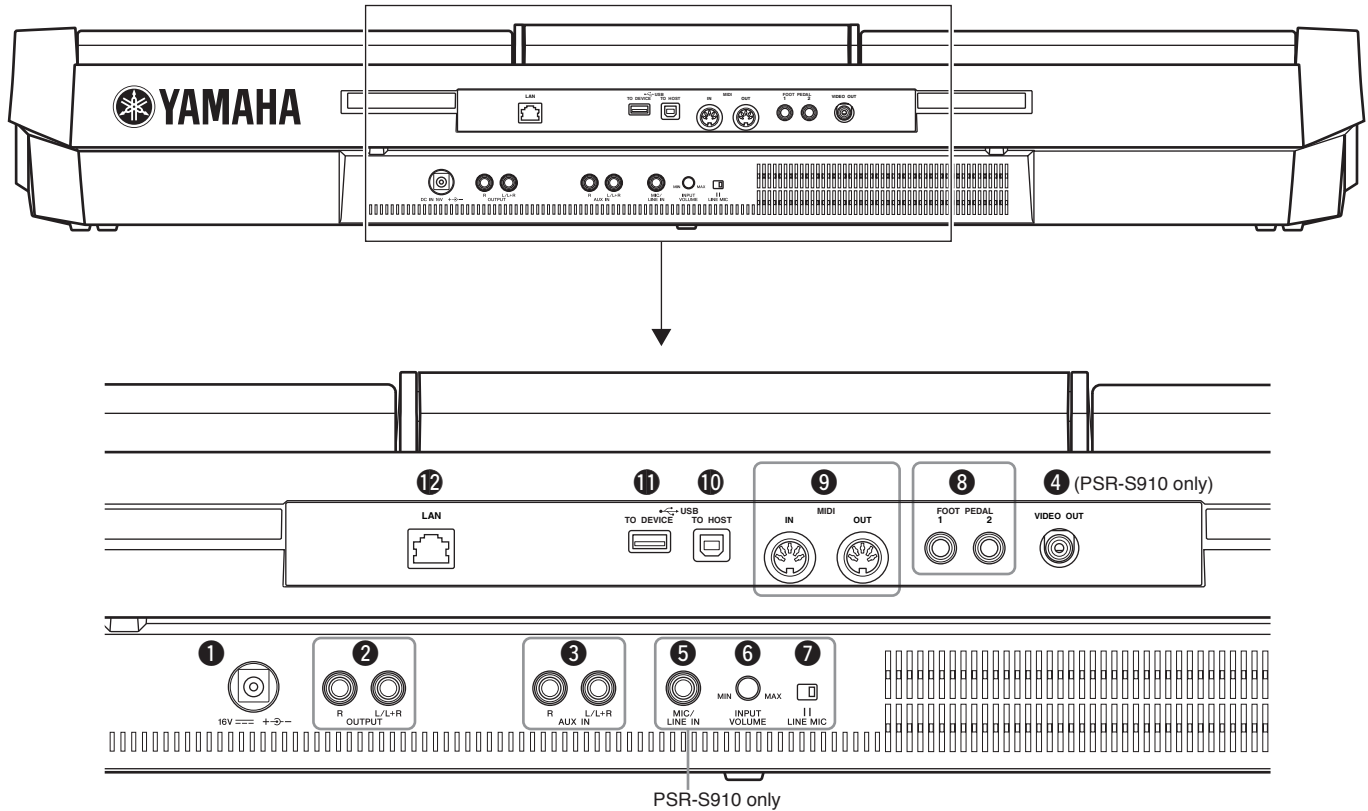
# SPECIFICATIONS

			PSR-S910	PSR-S710	
Size/Weight	Dimensions	Width	1,003 mm (39 5/8")		
		Height	148 mm (5 7/8")		
		Depth	433 mm (17 1/8")		
	Weight	Weight	11 kg (24 lbs.)	10 kg (22 lbs.)	
Control Interface	Keyboard	Number of Keys	61		
		Type	Organ		
		Touch Response	Hard2/Hard1/Normal/Soft1/Soft2		
	Other Controllers	Pitch Bend	Yes		
		Modulation	Yes		
		Multi Pads	Yes		
	Display	Type	TFT Color QVGA LCD	B/W QVGA LCD	
		Contrast	—	Yes	
		Score Display Function	Yes		
		Lyrics Display Function	Yes		
		Text Viewer Function	Yes		
		Wallpaper Customization	Yes	—	
	Panel	Language	English, German, French, Spanish, Italian		
Voices	Tone Generation	Tone Generating Technology	AWM Stereo Sampling		
	Polyphony	Number of Polyphony (Max.)	128		
	Preset	Number of Voices	678 Voices + 28 Drum/SFX Kits + 480 XG Voices + GM2 + GS (for GS Song Playback)	387 Voices + 24 Drum/SFX Kits + 480 XG Voices + GM2 + GS (for GS Song Playback)	
		Featured Voices	38 Super Articulation Voices, 18 Mega Voices, 24 Sweet! Voices, 46 Cool! Voices, 29 Live! Voices, 10 Organ Flutes!	15 Mega Voices, 23 Sweet! Voices, 33 Cool! Voices, 19 Live! Voices, 10 Organ Flutes!	
	Custom	Voice Creating/Voice Set	Yes		
	Compatibility	XG	Yes		
		XF	Yes		
		GS	Yes		
GM		Yes			
GM2		Yes			
Effects	Types	Reverb	42 Preset + 3User		
		Chorus	71 Preset + 3 User		
		DSP	DSP 1: 271 Preset + 3 User, DSP 2-4: 130 Preset + 10 User		
		Master EQ	5 Preset		
		Part EQ	28 Parts (Right 1, Right 2, Left, Multi Pad, Style x 8, Song x 16)		
	Voice Controls	Voice Layer (Right-hand parts)	Yes (Right 1, Right 2)		
		Split (Left-hand part)	Yes (Left)		
		Panel Sustain	Yes		
		Mono/Poly	Yes		
	Accompany Style Related	Vocal Harmony	60 Preset + 10 User	—	
Accompaniment Styles	Number of Preset Styles	322	232		
	Featured Styles	293 Pro Styles, 29 Session Styles	216 Pro Styles, 16 Session Styles		
	File Format	Style File Format GE			
	Fingering	Single Finger, Fingered, Fingered On Bass, Multi Finger, AI Fingered, Full Keyboard, AI Full Keyboard			
	Style Control	INTRO x 3, MAIN VARIATION x 4, FILL x 4, BREAK, ENDING x 3			

			PSR-S910	PSR-S710	
Accompaniment Styles	Custom	Style Creator	Yes		
	Other Features	Music Finder	2,500 Records (maximum)	1,200 Records (maximum)	
		One Touch Setting (OTS)	4 for each Style		
Songs	Preset	Number of Preset Songs	5 Sample Songs		
	Recording	Number of Songs	Unlimited (depending on the storage media's capacity)		
		Number of Tracks	16		
		Data Capacity	300 KB		
		Recording Function	Quick Recording/Multi Recording/Step Recording		
	Compatible Data Format	Playback	SMF (Format 0 & 1), ESEQ, XF		
Recording		SMF (Format 0)			
Functions	Registration Memory	Number of Buttons	8 x unlimited banks (depending on the storage media's capacity)		
		Control	Regist. Sequence, Freeze		
	Lesson/Guide	Lesson/Guide	Follow Lights, Any Key, Karao-Key, Vocal CueTIME	Follow Lights, Any Key, Karao-Key	
		Performance Assistant Technology (P.A.T.)	Yes		
	Demo	Demonstration	Yes		
	USB Audio	Playback	.wav, .mp3	.wav	
		Recording	.wav		
	Overall Controls	Metronome	Yes		
		Tempo Range	5 – 500, Tap Tempo		
		Transpose	-12 – 0 – +12		
		Tuning	414.8 – 440 – 466.8 Hz		
		Octave Button	Yes		
	Miscellaneous	Scale Type	9 presets		
Direct Access		Yes			
Storage and Connectivity	Storage	Internal Memory	2.4 MB	1.4 MB	
		External Drives	USB Flash Memory, USB Hard Disk Drive, etc. (via USB to DEVICE)		
	Connectivity	DC IN	16V		
		Headphones	Yes		
		Microphone	Yes	–	
		MIDI	In/Out		
		AUX IN	(R, L/L+R)		
		FOOT PEDAL	(optional) Switch or Volume x 2		
		OUTPUT	(R, L/L+R)		
		VIDEO OUT	Yes	–	
		USB TO DEVICE	Yes		
		USB TO HOST	Yes		
		LAN	Yes		
Amplifiers and Speakers	Amplifiers	12 W x 2			
	Speakers	(12 cm + 4 cm (dome)) x 2	(12 cm + 5 cm) x 2		
Pedals	Assignable Functions	VOLUME, SUSTAIN, SOSTENUTO, SOFT, GLIDE, S. Articulation, SONG PLAY/PAUSE, STYLE START/STOP, etc.	VOLUME, SUSTAIN, SOSTENUTO, SOFT, GLIDE, SONG PLAY/PAUSE, STYLE START/STOP, etc.		
Power Supply	AC Power Adaptor	PA-300B or an equivalent	PA-301 or an equivalent		
Included Accessories		<ul style="list-style-type: none"> <li>• Music Rest</li> <li>• AC Power Adaptor*</li> <li>* May not be included depending on your particular area.</li> <li>• Accessory CD-ROM for Windows</li> <li>• Owner's Manual</li> <li>• Accessory CD-ROM for Windows Installation Guide</li> </ul>			
Optional Accessories	Footswitches	FC4/FC5			
	Foot controller	FC7			
Service	Internet Direct Connection (IDC)	Yes			

## ■ PANEL LAYOUT

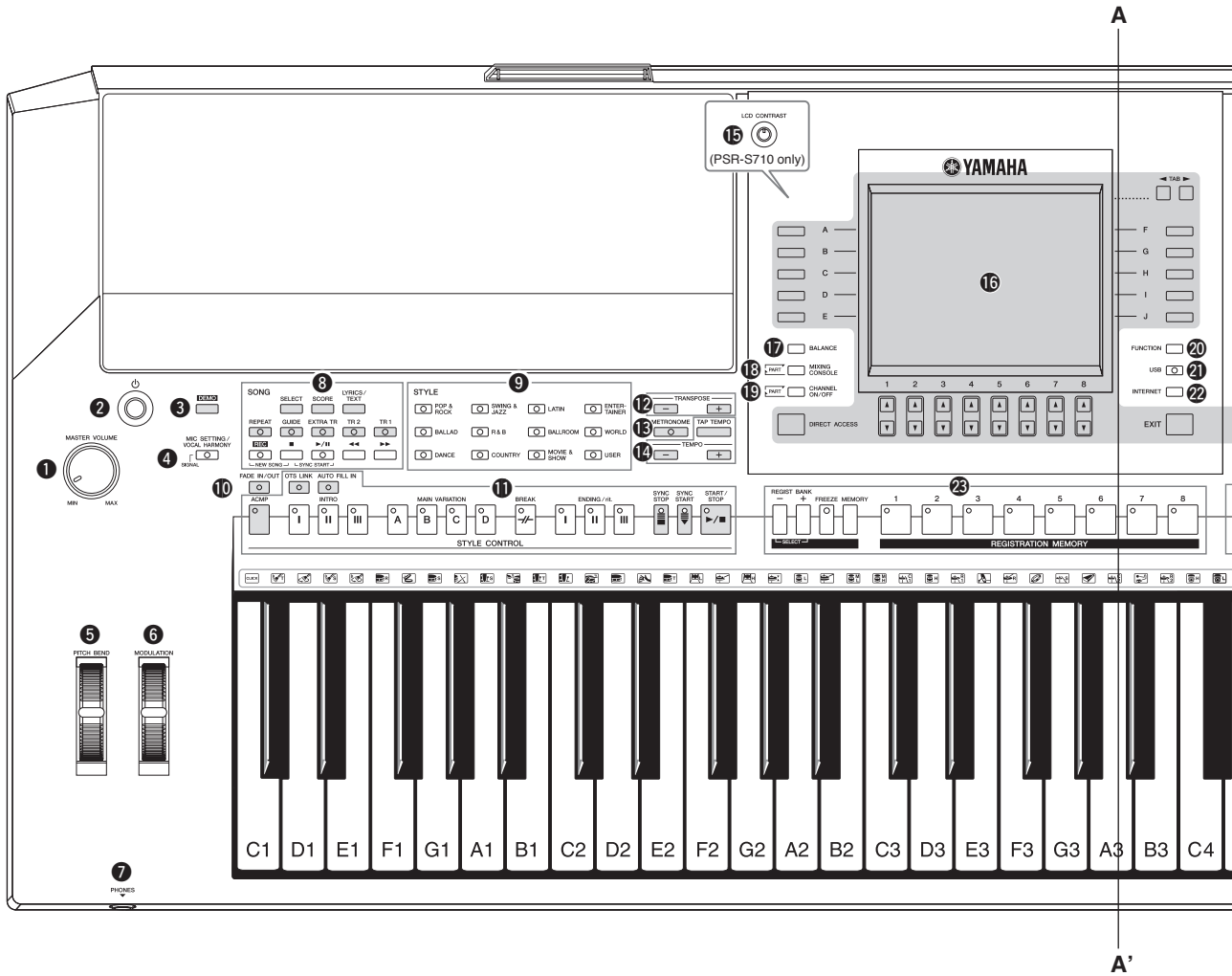
### • Rear Panel



### ■ Rear Panel

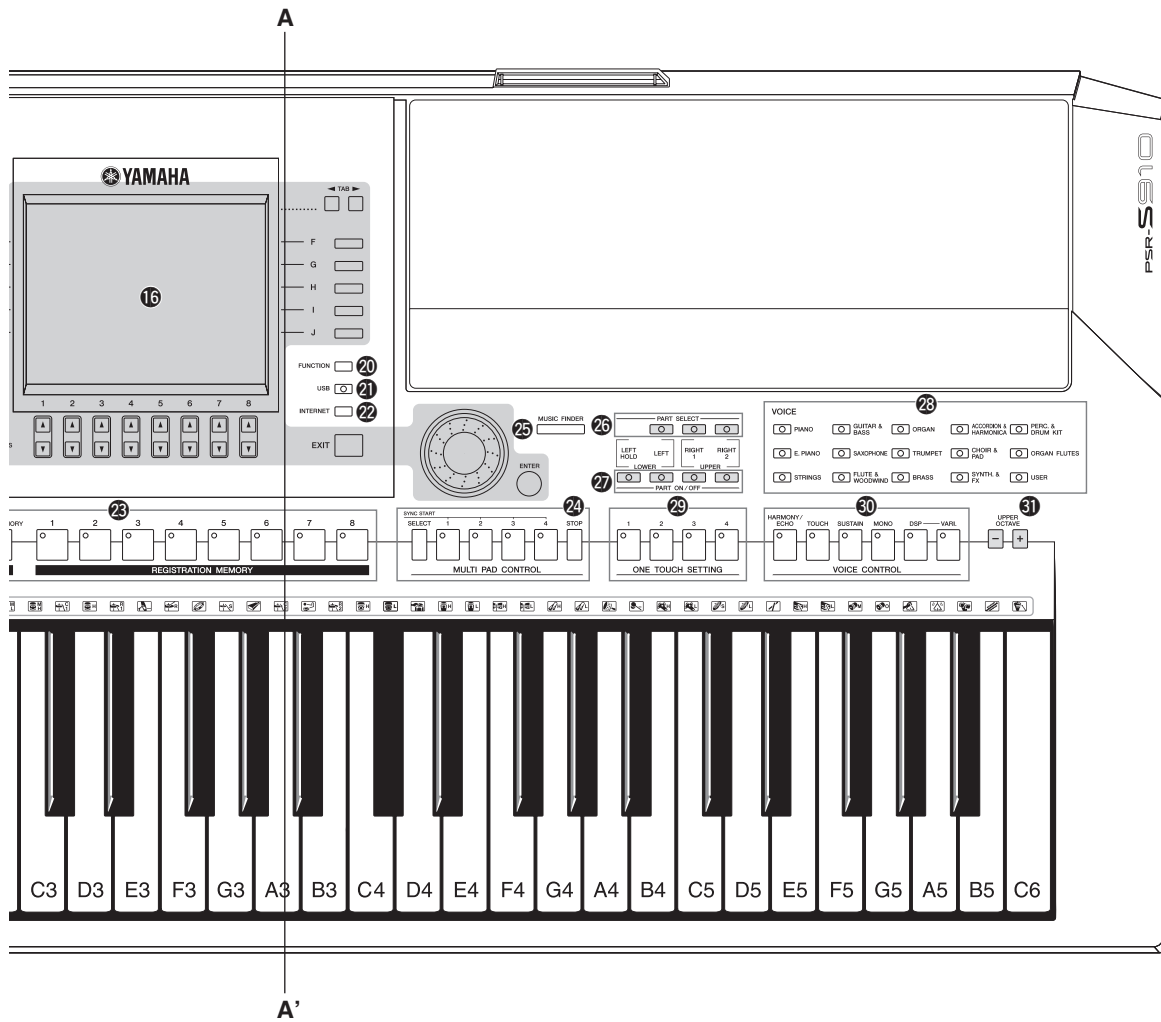
- ① [DC IN] terminal
- ② [OUTPUT L/L+R, R] jacks
- ③ [AUX L/L+R, R] jacks
- ④ [VIDEO OUT] terminal (PSR-S910)
- ⑤ [MIC LINE IN] jack (PSR-S910)
- ⑥ [INPUT VOLUME] knob (PSR-S910)
- ⑦ [LINE MIC] switch (PSR-S910)
- ⑧ [FOOT PEDAL 1, 2] jacks
- ⑨ [MIDI IN, OUT] terminals
- ⑩ [USB TO HOST] terminal
- ⑪ [USB TO DEVICE] terminal
- ⑫ [LAN] port

• Front Panel



■ Front Panel

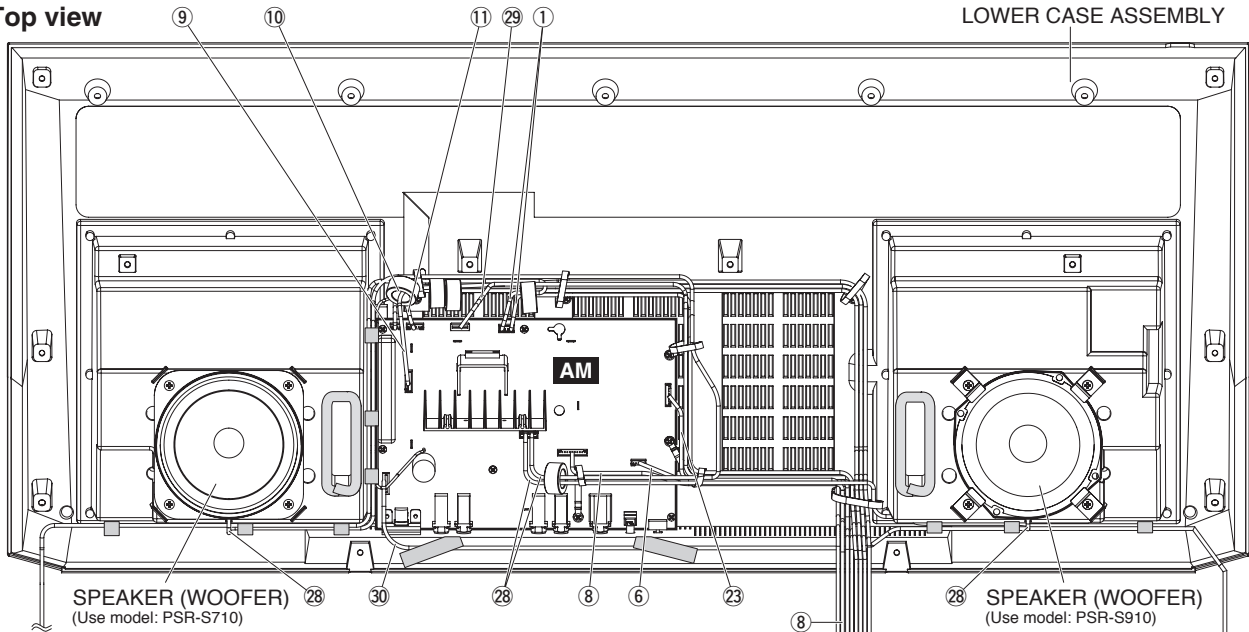
- 1 [MASTER VOLUME] control
- 2 [STANDBY/ON] switch
- 3 [DEMO] button
- 4 [MIC SETTING/VOCAL HARMONY] button (PSR-S910)
- 5 [PITCH BEND] wheel
- 6 [MODULATION] wheel
- 7 [PHONES] jack
- 8 SONG buttons
- 9 STYLE category selection buttons
- 10 [FADE IN/OUT] button
- 11 STYLE CONTROL buttons
- 12 TRANSPOSE buttons
- 13 [METRONOME] button
- 14 [TAP TEMPO]/TEMPO buttons
- 15 [LCD CONTRAST] knob (PSR-S710)
- 16 LCD and related controls
- 17 [BALANCE] button
- 18 [MIXING CONSOLE] button
- 19 [CHANNEL ON/OFF] button
- 20 [FUNCTION] button
- 21 [USB] button
- 22 [INTERNET] button
- 23 REGISTRATION MEMORY buttons
- 24 MULTI PAD CONTROL buttons



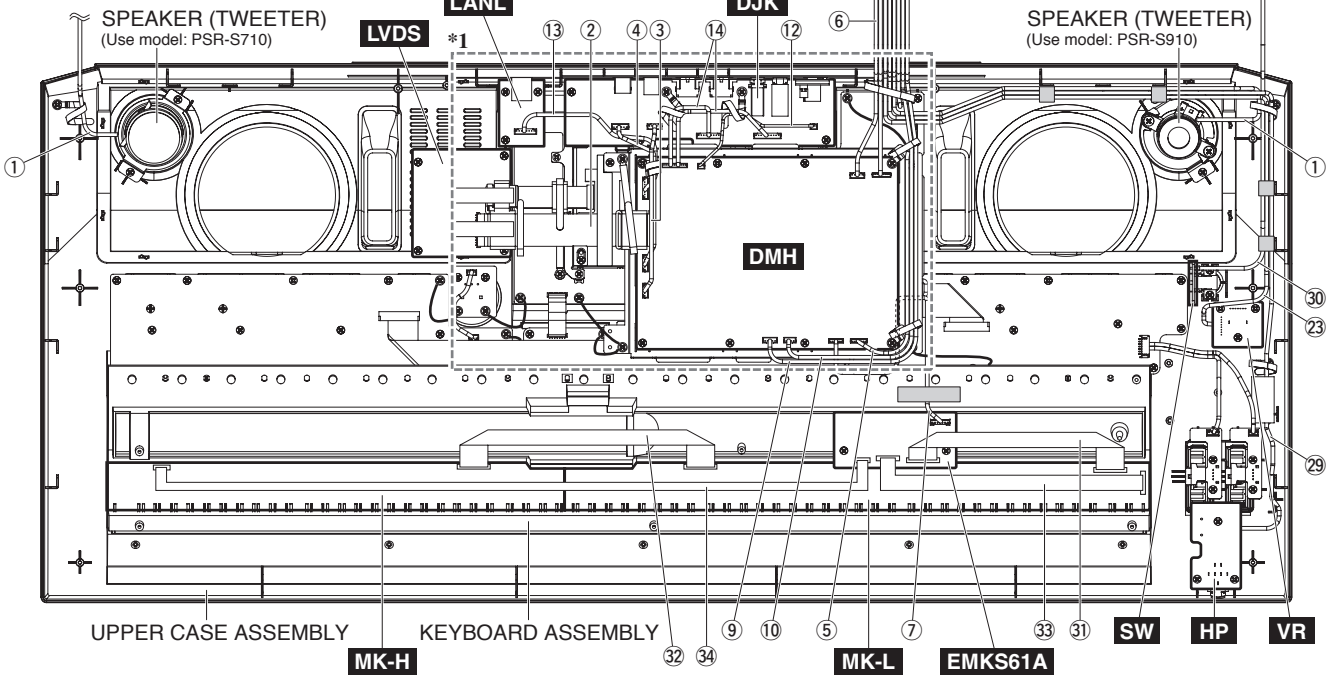
- 25 [MUSIC FINDER] button
- 26 PART SELECT buttons
- 27 PART ON/OFF buttons
- 28 VOICE category selection buttons
- 29 ONE TOUCH SETTING buttons
- 30 VOICE CONTROL buttons
- 31 UPPER OCTAVE buttons

# CIRCUIT BOARD LAYOUT & WIRING

• Top view

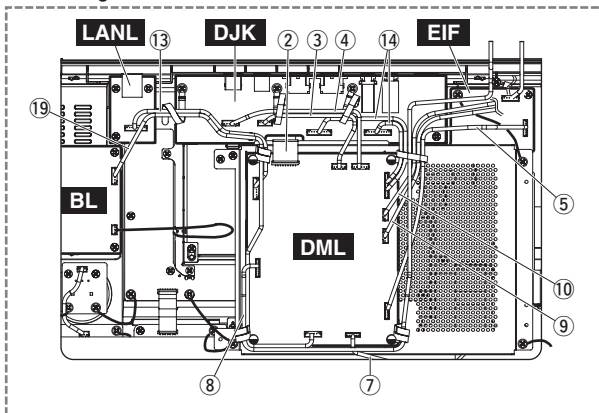


• Bottom view



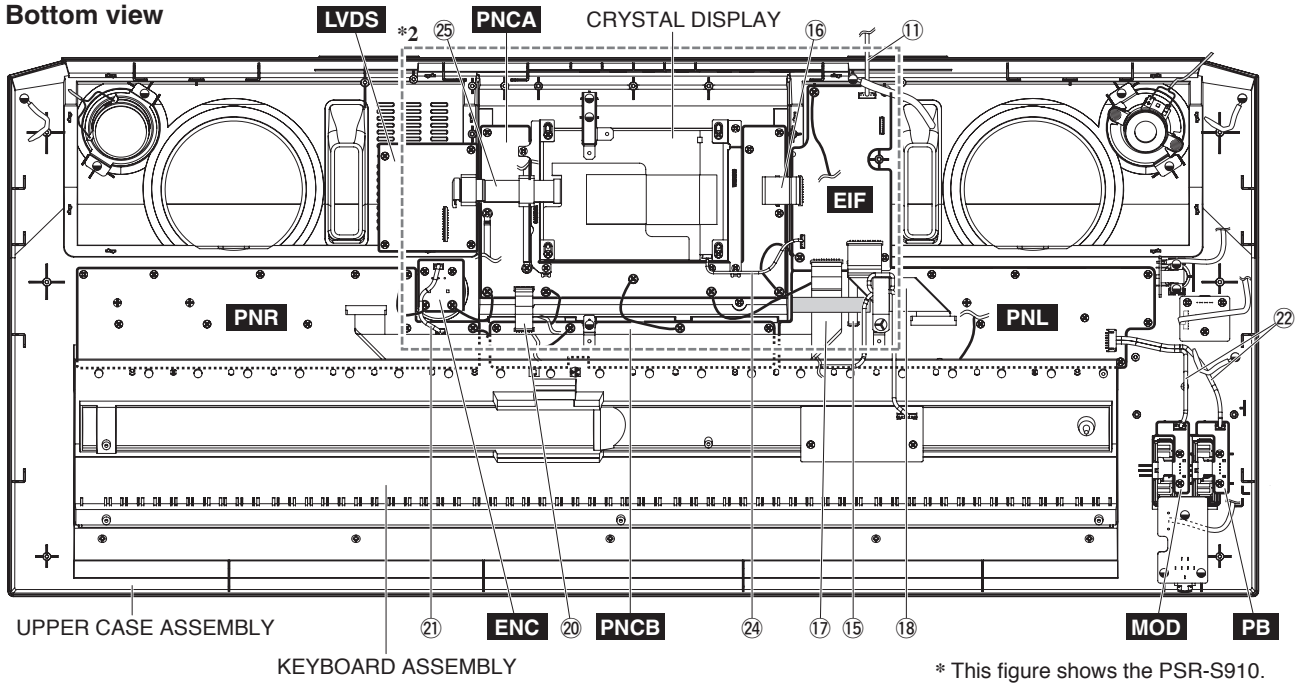
\*1: This figure shows the PSR-S710.

\* This figure shows the PSR-S910.



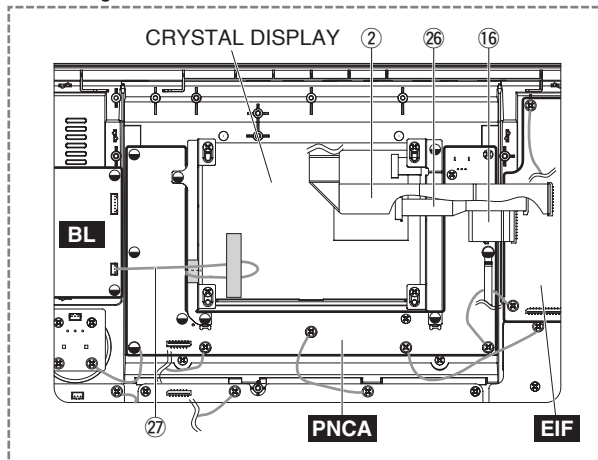


• Bottom view



\* This figure shows the PSR-S910.

\*2: This figure shows the PSR-S710.



● PSR-S710

No.	Unit Name	Location	Parts No.	Connector Assembly	Destination					Remarks	
①		210	(WR64770)	TW-LF	AM-CN53	*1	*7	SPEAKER L (TWEETER)	*2	*9	4P
								SPEAKER R (TWEETER)	*2	*8	
②		500	(WR02620)	LVDS	DML-CN4	*1	*6	EIF-CN207	*1	*6	19P L=260
③		510	WR338000	USB WIRE HARNESS	DJK-CN73	*1	*7	DML-CN7	*1	*7	5P L=100
④		520	WR337800	USB WIRE HARNESS	DJK-CN72	*1	*7	DML-CN8	*1	*7	6P L=130
⑤		530	(WR02450)	ZH	DML-CN5	*1	*7	EIF-CN209	*1	*7	8P
⑦		550	(WS51600)	E-BUS2LF	DML-CN6	*1	*7	EMKS61A-CN1	*1	*7	7P
⑧		560	(WR02610)	ANALOG	AM-CN11	*1	*7	DML-CN400	*1	*7	9P-11P L=840
⑨		570	(WR64730)	3D-LF	AM-CN97	*1	*7	DML-CN1	*1	*7	5P-6P L=65
⑩		572	(WR64750)	5D-LF	AM-CN96	*1	*7	DML-CN2	*1	*7	4P L=70
⑪		574	(WR64760)	5L-LF	AM-CN98	*1	*7	EIF-CN201	*1	*7	6P L=70
⑬	OVERALL ASSEMBLY	590	(WR02530)	LAN	LANL-CN801	*1	*7	DML-CN500	*1	*7	8P L=160
⑭		600	(WR02510)	MIDI-PDL	DJK-CN75	*1	*7	DML-CN9	*1	*7	13P-9P/10P
⑮		650	MFA06080	CABLE	EIF-CN202	*1	*6	PNL-CN105	*1	*6	6P L=80
⑯		660	MFA21060	CABLE	EIF-CN205	*1	*6	PNCA-CN001	*1	*6	21P L=60
⑰		670	WK547500	FFC CABLE	EIF-CN204	*1	*6	PNR-CN001	*1	*6	23P L=500
⑱		680	WK547400	FFC CABLE	EIF-CN206	*1	*6	PNL-CN101	*1	*6	26P L=140
⑲		710	(WR91700)	BL	DML-CN10	*1	*7	BL-CN301	*1	*6	2P L=350
⑳		750	MFA13060	CABLE	PNCA-CN002	*1	*6	PNCB-CN101	*1	*6	13P L=60
㉑		760	(WR02440)	PH	PNR-CN002	*1	*7	ENC-CN401	*1	*7	3P L=80
㉒		770	(WR02590)	PBMOD	PNL-CN103	*1	*7	PB-CN501	*1	*7	7P-3P/4P
								MOD-CN601	*1	*7	
㉓	UPPER CASE ASSEMBLY	500	(WR02580)	MV	VR-CN100	*1	*7	AM-CN99	*1	*7	8P L=840
㉔	LCD ASSEMBLY	LC60	WK547600	FFC CABLE	EIF-CN208	*4	*6	CRYSTAL DISPLAY	*4	*6	20P L=100
㉕		LC10	WR339600	CRYSTAL DISPLAY	CRYSTAL DISPLAY	*3		BL-CN302	*1	*7	3P
㉖	LOWER CASE ASSEMBLY	120	(WR64780)	WO-LF	AM-CN51	*1	*7	SPEAKER L (WOOFER)	*2	*9	5P
								SPEAKER R (WOOFER)	*2	*8	
㉗	AM CIRCUIT BOARD	WH001	(WT52620)	HP-LF	HP-CN47	*3		AM-CN46	*1	*5	5P
㉘		WH103	(WR02570)	SW	SW-CN94	*3		AM-CN91	*1	*5	6P
㉙	KEYBOARD ASSEMBLY	S4	VU95890R	CABLE	EMKS61A-CN2	*1	*5	MK-L	*1		12P
㉚		S5	VU65950R	CABLE	MK-H	*1		MK-L	*1		12P
㉛		S6	VU65940R	CABLE	EMKS61A-CN4	*1	*5	MK-L	*1	*5	7P
㉜		S7	VU65960R	CABLE	EMKS61A-CN3	*1	*5	MK-H	*1	*5	5P

\* The parts with “( )” in “Part No.” are not available as spare parts.

\*1: Installation

\*2: Manual soldering

\*3: Connected

\*4: Installation and lock

\*5: Edge mark is adjusted to Pin 1 mark (△ mark).

\*6: Align the conductor of the cable with the connector contact.

\*7: Coordinate with polarity of the connector.

\*8: Red wire is connected to (+) terminal. Blue wire is connected to (-) terminal.

\*9: White wire is connected to (+) terminal. Black wire is connected to (-) terminal.

**Caution:** Be sure to attach the removed filament tape just as it was before removal.

## ● PSR-S910

No.	Unit Name	Location	Parts No.	Connector Assembly	Destination				Remarks		
①	OVERALL ASSEMBLY	210	(WR64770)	TW-LF	AM-CN53	*1	*7	SPEAKER L (TWEETER)	*2	*9	4P
								SPEAKER R (TWEETER)	*2	*8	
②		500	(WR02430)	LVDS	DMH-CN10	*1	*6	LVDS-CN901	*1	*6	25P L=200
③		510	WR337900	USB WIRE HARNESS	DJK-CN73	*1	*7	DMH-CN8	*1	*7	5P L=160
④		520	WR337800	USB WIRE HARNESS	DJK-CN72	*1	*7	DMH-CN12	*1	*7	6P L=130
⑤		530	(WR02450)	ZH	DMH-CN13	*1	*7	EIF-CN209	*1	*7	8P
⑥		540	(WR92670)	MIC	AM-CN62	*1	*7	DMH-CN403	*1	*7	5P
⑦		550	(WS51580)	E-BUS2LF	DMH-CN6	*1	*7	EMKS61A-CN1	*1	*7	7P
⑧		560	(WR02600)	ANALOG	AM-CN11	*1	*7	DMH-CN401	*1	*7	9P-11P L=450
⑨		570	(WR64720)	3D-LF	AM-CN97	*1	*7	DMH-CN1	*1	*7	5P-6P L=65
⑩		572	(WR64740)	5D-LF	AM-CN96	*1	*7	DMH-CN2	*1	*7	4P L=70
⑪		574	(WR64760)	5L-LF	AM-CN98	*1	*7	EIF-CN201	*1	*7	6P L=70
⑫		580	(WR02520)	VIDEO	DJK-CN83	*1	*7	DMH-CN601	*1	*7	2P
⑬		590	(WR02530)	LAN	LANL-CN801	*1	*7	DMH-CN800	*1	*7	8P L=160
⑭		600	(WR02500)	MIDI-PDL	DJK-CN75	*1	*7	DMH-CN9	*1	*7	13P-9P/10P
					DJK-CN81	*1	*7				
⑮		650	MFA06080	CABLE	EIF-CN202	*1	*6	PNL-CN105	*1	*6	6P L=80
⑯		660	MFA21060	CABLE	EIF-CN205	*1	*6	PNCA-CN001	*1	*6	21P L=60
⑰		670	WK547500	FFC CABLE	EIF-CN204	*1	*6	PNR-CN001	*1	*6	23P L=500
⑱		680	WK547400	FFC CABLE	EIF-CN206	*1	*6	PNL-CN101	*1	*6	26P L=140
⑳	750	MFA13060	CABLE	PNCA-CN002	*1	*6	PNCB-CN101	*1	*6	13P L=60	
㉑	760	(WR02440)	PH	PNR-CN002	*1	*7	ENC-CN401	*1	*7	3P L=80	
㉒	770	(WR02590)	PBMOD	PNL-CN103	*1	*7	PB-CN501	*1	*7	7P-3P/4P	
							MOD-CN601	*1	*7		
㉓	UPPER CASE ASSEMBLY	500	(WR02580)	MV	VR-CN100	*1	*7	AM-CN99	*1	*7	8P L=840
㉔	LCD ASSEMBLY	LC50	(WR02400)	BL	EIF-CN210	*1	*7	CRYSTAL DISPLAY	*1	*7	6P
㉕		LC60	(WR02410)	LCD	LVDS-CN902	*4	*6	CRYSTAL DISPLAY	*4	*6	33P L=100
㉘	LOWER CASE ASSEMBLY	120	(WR64780)	WO-LF	AM-CN51	*1	*7	SPEAKER L (WOOFER)	*2	*9	5P
								SPEAKER R (WOOFER)	*2	*8	
㉙	AM CIRCUIT BOARD	WH001	(WT52620)	HP-LF	HP-CN47	*3		AM-CN46	*1	*5	5P
㉚		WH103	(WR02570)	SW	SW-CN94	*3		AM-CN91	*1	*5	6P
㉛	KEYBOARD ASSEMBLY	S4	VU95890R	CABLE	EMKS61A-CN2	*1	*5	MK-L	*1		12P
㉜		S5	VU65950R	CABLE	MK-H	*1		MK-L	*1		12P
㉝		S6	VU65940R	CABLE	EMKS61A-CN4	*1	*5	MK-L	*1	*5	7P
㉞		S7	VU65960R	CABLE	EMKS61A-CN3	*1	*5	MK-H	*1	*5	5P

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\*1: Installation

\*2: Manual soldering

\*3: Connected

\*4: Installation and lock

\*5: Edge mark is adjusted to Pin 1 mark (△ mark).

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**Caution:** Be sure to attach the removed filament tape just as it was before removal.

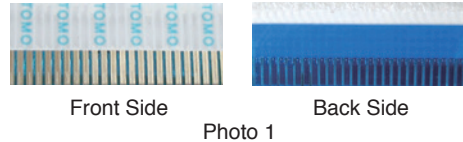
# DISASSEMBLY PROCEDURE

## Precautions

- \* Disassembly or assembly should be performed on a cloth so as not to damage the LCD.
- \* Install the filament tape and the harness clamp in the same way as they were before removal.
- \* MAC (Media Access Control) address is stored in the DML circuit board (PSR-S710) and DMH circuit board (PSR-S910). When the DML circuit board or DMH circuit board is replaced, MAC address will be changed.

\* Notes on Flat Cable

Contacts are visible from the back. Pay attention not to insert and install the cable to the connector inversely. (Photo 1)

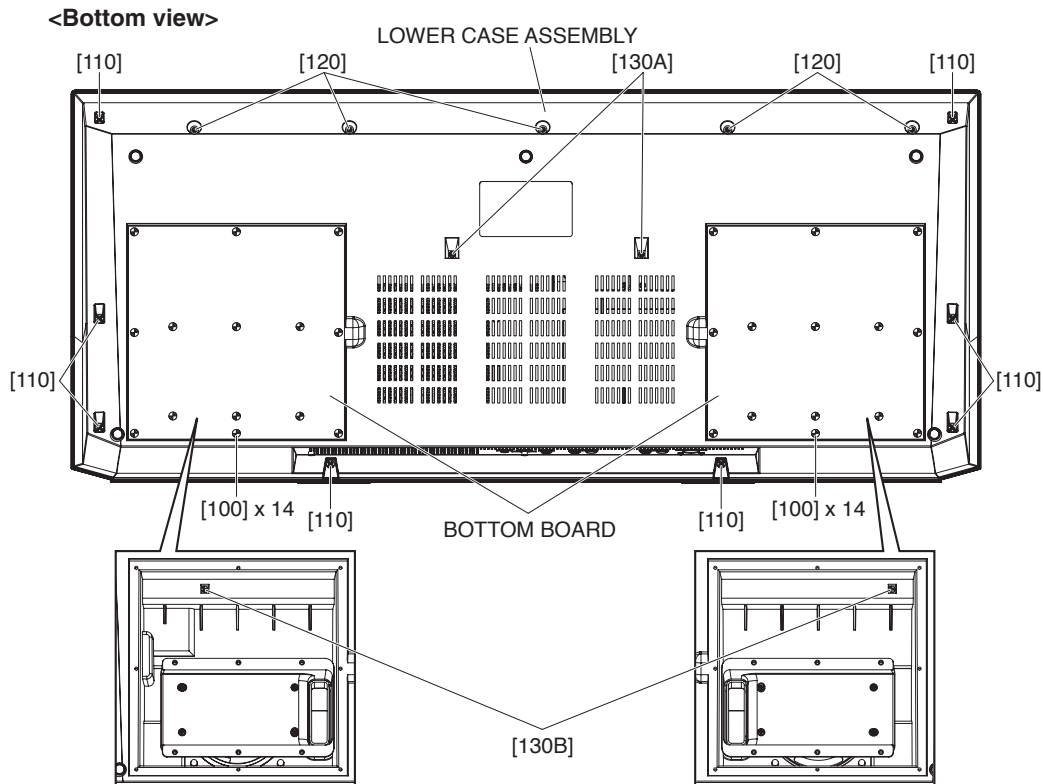


### 1. Lower Case Assembly (Time required: About 8 minutes)

- 1-1 Remove the twenty-eight (28) screws marked [100]. The two bottom boards can then be removed. (Fig. 1)
- 1-2 Remove the eight (8) screws marked [110], five (5) screws marked [120], two (2) screws marked [130A] and two (2) screws marked [130B]. The lower case assembly can then be removed. (Fig. 1)

### 2. HP Circuit Board (Time required: About 8 minutes)

- 2-1 Remove the lower case assembly. (See procedure 1.)
- 2-2 Remove the three (3) screws marked [140A]. The HP circuit board can then be removed. (Fig. 2)



- [100]: BIND HEAD TAPPING SCREW-B 4.0X16 MFZN2W3 (WF15410R)
- [110]: BIND HEAD TAPPING SCREW-B 3.0X12 MFZN2W3 (WE98740R)
- [120]: BIND HEAD TAPPING SCREW-B 3.0X16 MFZN2W3 (WE97340R)
- [130]: BIND HEAD TAPPING SCREW-B 3.0X30 MFZN2W3 (WF49100R)

Fig. 1

### 3. Wheel Assembly, PB Circuit Board (Time required: About 8 minutes)

- 3-1 Remove the lower case assembly. (See procedure 1.)  
3-2 Remove the two (2) screws marked [570A]. The PB circuit board can then be removed with the wheel assembly. (Fig. 2)

\* **The wheel assembly is not part of the PB circuit board. When replacing the PB circuit board, remove the wheel assembly from the PB circuit board, and install it on the new circuit board.**

### 4. Wheel, MOD Circuit Board (Time required: About 8 minutes)

- 4-1 Remove the lower case assembly. (See procedure 1.)  
4-2 Remove the two (2) screws marked [570B]. The MOD circuit board can then be removed with the wheel. (Fig. 2)

\* **The wheel is not part of the MOD circuit board. When replacing the MOD circuit board, remove the wheel from the MOD circuit board, and install it on the new circuit board.**

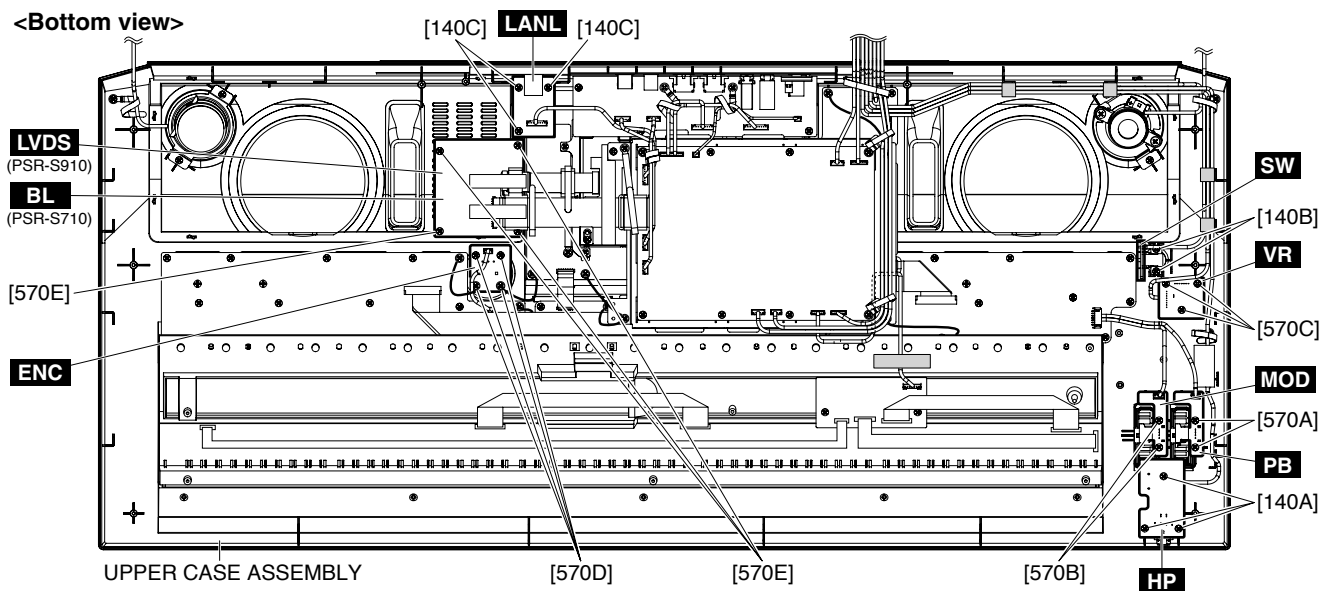
### 5. SW Circuit Board (Time required: About 8 minutes)

- 5-1 Remove the lower case assembly. (See procedure 1.)  
5-2 Remove the two (2) screws marked [140B]. The SW circuit board can then be removed. (Fig. 2)

\* **The push knob is not part of the SW circuit board. When replacing the SW circuit board, remove the push knob from the SW circuit board, and install it on the new circuit board. (Fig. 3, Photo 2)**

### 6. VR Circuit Board (Time required: About 9 minutes)

- 6-1 Tie a string or the like to the volume knob. Then, pull the string to remove the volume knob from the control panel side. (Fig. 3, Fig. 4)  
6-2 Remove the lower case assembly. (See procedure 1.)  
6-3 Remove the three (3) screws marked [570C]. The VR circuit board can then be removed. (Fig. 2)



\* This figure shows the PSR-S910.

[140]: BIND HEAD TAPPING SCREW-B 3.0X8 MFZN2W3 (WE774301)  
[570]: BIND HEAD TAPPING SCREW-B 3.0X8 MFZN2W3 (WE774301)

Fig. 2

**7. LANL Circuit Board**

**(Time required: About 8 minutes)**

- 7-1 Remove the lower case assembly. (See procedure 1.)
- 7-2 Remove the three (3) screws marked [140C]. The LANL circuit board can then be removed. (Fig. 2)

**8. ENC Circuit Board**

**(Time required: About 9 minutes)**

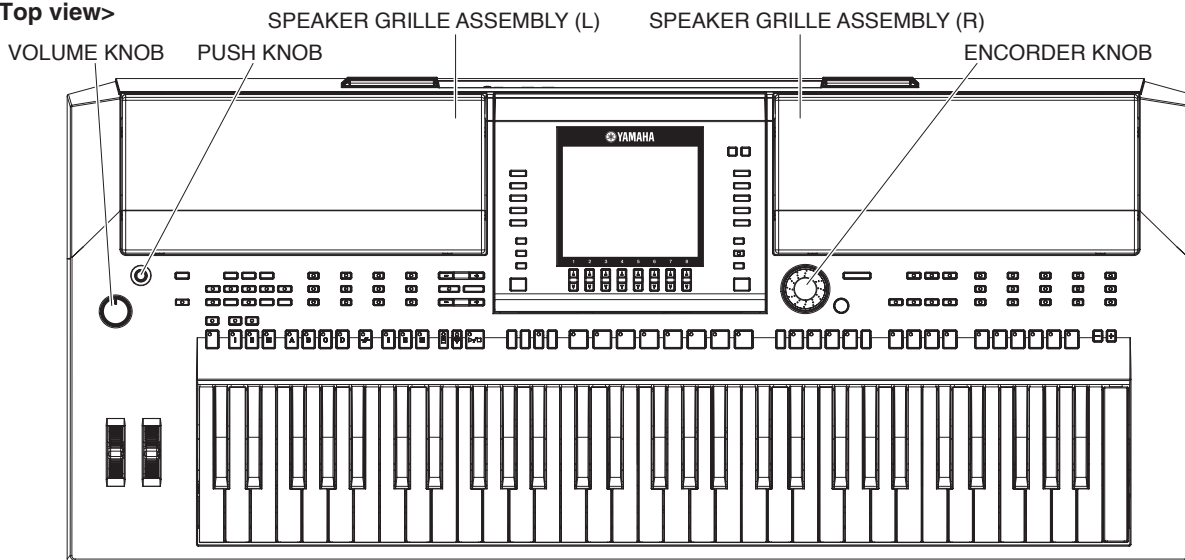
- 8-1 Tie a string or the like to the encoder knob. Then, pull the string to remove the encoder knob from the control panel side. (Fig. 3, Fig. 5)
- 8-2 Remove the lower case assembly. (See procedure 1.)
- 8-3 Remove the four (4) screws marked [570D]. The ENC circuit board can then be removed. (Fig. 2)

**9. BL Circuit Board (PSR-S710),  
LVDS Circuit Board (PSR-S910)**

**(Time required: About 8 minutes)**

- 9-1 Remove the lower case assembly. (See procedure 1.)
- 9-2 PSR-S710: Remove the four (4) screws marked [570E]. The BL circuit board can then be removed. (Fig. 2)
- PSR-S910: Remove the four (4) screws marked [570E]. The LVDS circuit board can then be removed. (Fig. 2)

<Top view>



\* This figure shows the PSR-S910.

Fig. 3

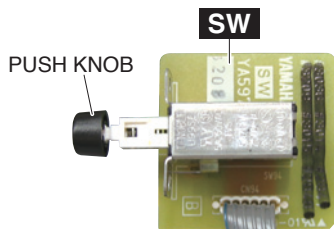


Photo 2

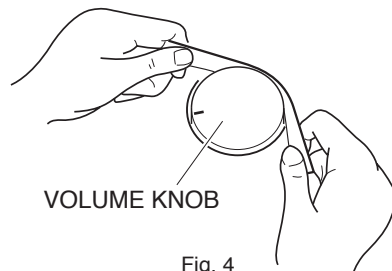


Fig. 4

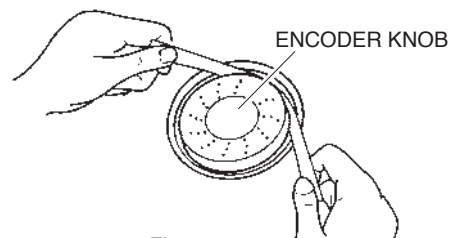


Fig. 5

**10. DML Circuit Board (PSR-S710), DMH Circuit Board (PSR-S910)  
(Time required: About 8 minutes)**

- 10-1 Remove the lower case assembly. (See procedure 1.)
- 10-2 PSR-S710: Remove the four (4) screws marked [140D]. The DML circuit board can then be removed. (Fig. 6)
- PSR-S910: Remove the eight (8) screws marked [140E]. The DMH circuit board can then be removed. (Fig. 6)

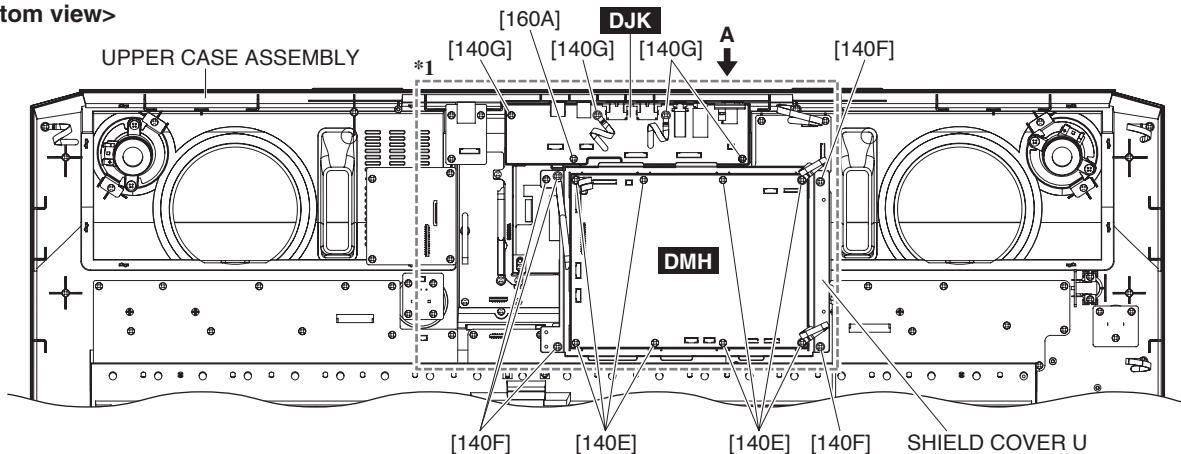
\* **MAC (Media Access Control) address is stored in the DML circuit board (PSR-S710) and DMH circuit board (PSR-S910). When the DML circuit board or DMH circuit board is replaced, MAC address will be changed. (Photo 3)**

**11. DJK Circuit Board  
(Time required: About 10 minutes)**

- 11-1 Remove the lower case assembly. (See procedure 1.)
- 11-2 Remove the five (5) screws marked [140F]. The shield cover U can then be removed together with the DML circuit board (PSR-S710) or DMH circuit board (PSR-S910). (Fig. 6)
- 11-3 Remove the EL adhesive tape. (Photo 4)
- 11-4 PSR-S710: Remove the four (4) screws marked [140G] and the screw marked [160A]. The DJK circuit board can then be removed. (Fig. 6)
- PSR-S910: Remove the four (4) screws marked [140G], the screw marked [140H] and the screw marked [160A]. The DJK circuit board can then be removed. (Fig. 6)

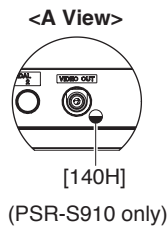
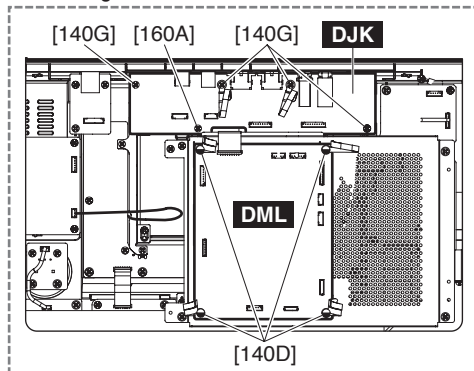
\* **The EL adhesive tape is not part of the DJK circuit board. When replacing the DJK circuit board, remove the EL adhesive tape from the DJK circuit board, and install it on the new circuit board.**

<Bottom view>



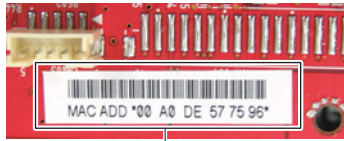
\*1: This figure shows the PSR-S710.

\* This figure shows the PSR-S910.



[140]: BIND HEAD TAPPING SCREW-B 3.0X8 MFZN2W3 (WE774301)  
[160]: PW HEAD TAPPING SCREW-B 3.0X12 MFZN2W3 (WF00210R)

Fig. 6



MAC ADDRESS

Photo 3



Photo 4

**12. EIF Circuit Board**

**(Time required: About 9 minutes)**

- 12-1 Remove the lower case assembly. (See procedure 1.)
- 12-2 Remove the shield cover U together with the DML circuit board (PSR-S710) or DMH circuit board (PSR-S910). (See procedure 11-2)
- 12-3 Remove the four (4) screws marked [570F]. The EIF circuit board can then be removed. (Fig. 7)

**13. Keyboard Assembly**

**(Time required: About 8 minutes)**

- 13-1 Remove the lower case assembly. (See procedure 1.)
- 13-2 Remove the screw marked [130C]. The keyboard assembly can then be removed. (Fig. 7)

**14. PNL Circuit Board**

**(Time required: About 11 minutes)**

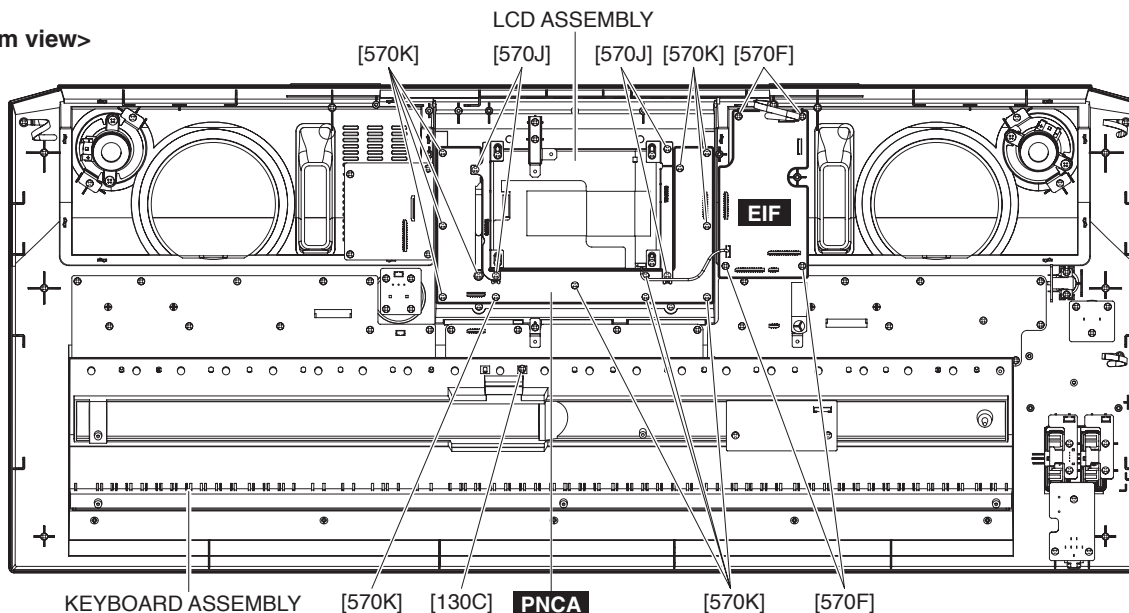
- 14-1 Remove the lower case assembly. (See procedure 1.)
- 14-2 Remove the shield cover U together with the DML circuit board (PSR-S710) or DMH circuit board (PSR-S910). (See procedure 11-2)
- 14-3 Remove the keyboard assembly. (See procedure 13.)
- 14-4 Remove the screw marked [160B]. The DM fixture S can then be removed. (Fig. 8)
- 14-5 Remove the fourteen (14) screws marked [570G]. The PNL circuit board can then be removed. (Fig. 8)

**15. PNR Circuit Board**

**(Time required: About 11 minutes)**

- 15-1 Remove the lower case assembly. (See procedure 1.)
- 15-2 Remove the keyboard assembly. (See procedure 13.)
- 15-3 Remove the fifteen (15) screws marked [570H]. The PNR circuit board can then be removed. (Fig. 8)

<Bottom view>



\* This figure shows the PSR-S910.

[130]: BIND HEAD TAPPING SCREW-B 3.0X30 MFZN2W3 (WF49100R)

[570]: BIND HEAD TAPPING SCREW-B 3.0X8 MFZN2W3 (WE774301)

Fig. 7



**16. Crystal Display, PNCA Circuit Board, PNCB Circuit Board**

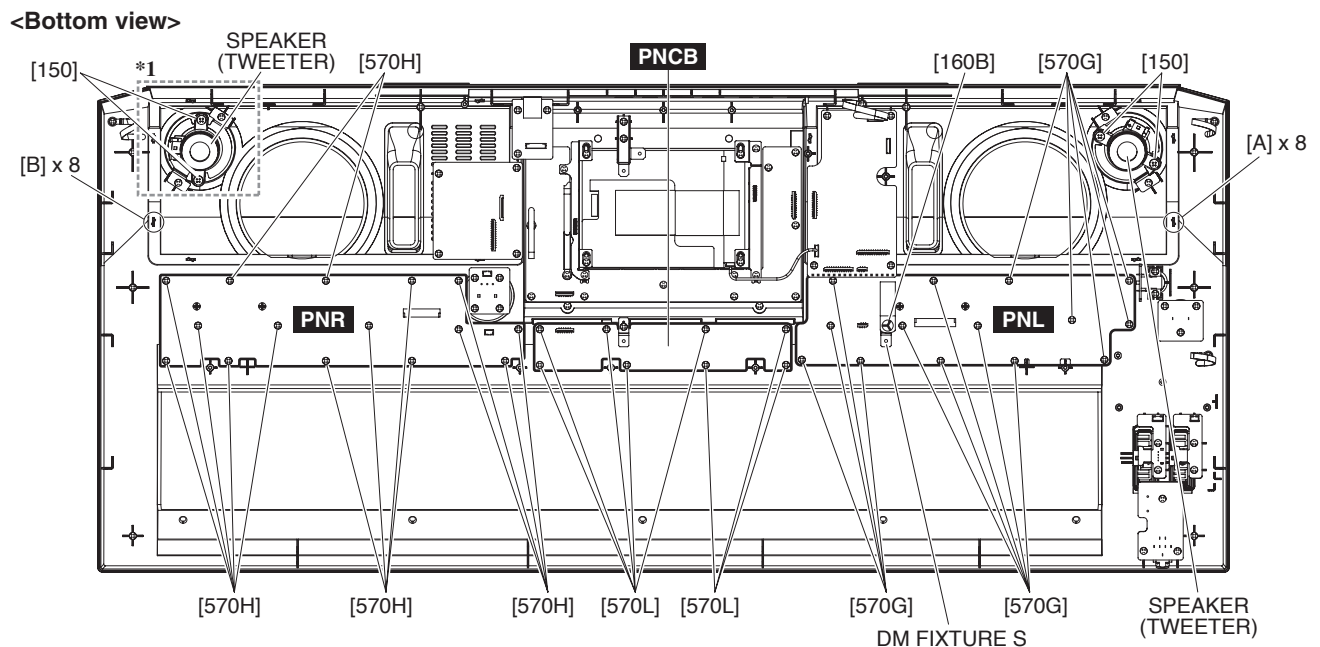
- 16-1 Remove the lower case assembly. (See procedure 1.)
- 16-2 Remove the shield cover U together with the DML circuit board (PSR-S710) or DMH circuit board (PSR-S910). (See procedure 11-2)

**16-3 Crystal Display  
(Time required: About 10 minutes)**

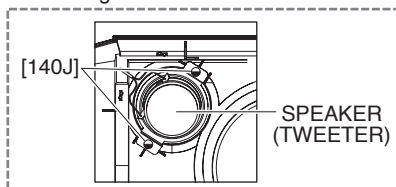
- 16-3-1 Remove the DJK circuit board. (See procedure 11.)
- 16-3-2 Turn up the shield sheet and remove the four (4) screws marked [570J]. The LCD assembly can then be removed. (Fig. 7)
- 16-3-3 Remove the two (2) screws marked [LC40A]. The crystal display and LCD fixture L can then be separated. (Fig. 9)

- 16-3-4 Remove the two (2) screws marked [LC40B]. The crystal display and LCD fixture R can then be separated. (Fig. 9)

- \* **The following parts are not components of the crystal display. When replacing the crystal display, remove the following parts from the crystal display and install them to the new crystal display. (Fig. 9)**
- LCD FIXTURE L
  - LCD FIXTURE R
  - BIND HEAD TAPPING SCREW-B X 4 ([LC40A], [LC40B])
  - EL ADHESIVE TAPE
  - FFC CABLE (PSR-S710)
  - ADHESIVE TAPE (PSR-S710)
  - FILAMENT TAPE (PSR-S710)
  - BL CONNECTOR ASSEMBLY (PSR-S910)
  - LCD CONNECTOR ASSEMBLY (PSR-S910)



\*1: This figure shows the PSR-S710.



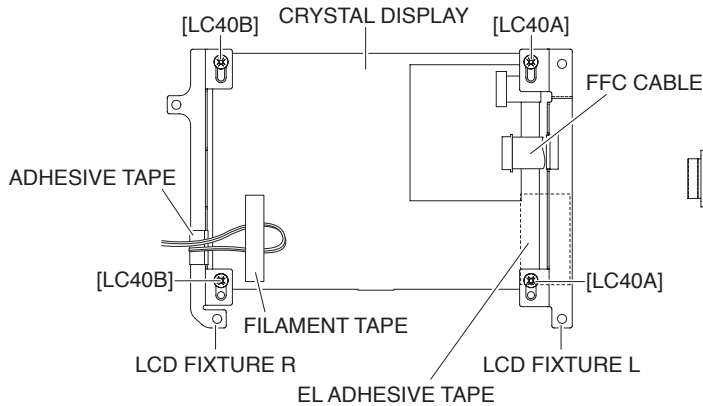
\* This figure shows the PSR-S910.

- [140]: BIND HEAD TAPPING SCREW-B 3.0X8 MFZN2W3 (WE774301)
- [150]: BIND HEAD TAPPING SCREW-B 4.0X8 MFZN2W3 (WE97460R)
- [160]: PW HEAD TAPPING SCREW-B 3.0X12 MFZN2W3 (WF00210R)
- [570]: BIND HEAD TAPPING SCREW-B 3.0X8 MFZN2W3 (WE774301)

Fig. 8

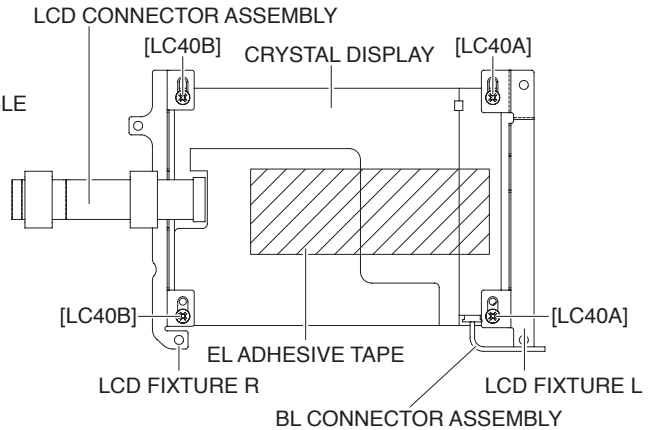
• LCD ASSEMBLY (PSR-S710)

<Bottom view>



• LCD ASSEMBLY (PSR-S910)

<Bottom view>



**Note:** Do not tighten the screws marked [LC40A] and [LC40B] with excessive force when assembling the LCD assembly.

[LC40]: BIND HEAD TAPPING SCREW-B 3.0X6 MFZN2W3 (WE936300)

Fig. 9

16-4 PNCA Circuit Board

(Time required: About 13 minutes)

- 16-4-1 Remove the LANL circuit board. (See procedure 7.)
- 16-4-2 Remove the DJK circuit board. (See procedure 11.)
- 16-4-3 Remove the LCD assembly. (See procedure 16-3-2.)
- 16-4-4 Remove the twelve (12) screws marked [570K]. The PNCA circuit board can then be removed. (Fig. 7)

16-5 PNCB Circuit Board

(Time required: About 10 minutes)

- 16-5-1 Remove the keyboard assembly. (See procedure 13.)
- 16-5-2 Remove the eight (8) screws marked [570L]. The PNCB circuit board can then be removed. (Fig. 8)

17. Tweeter (PSR-S710)

(Time required: About 8 minutes)

- 17-1 Remove the lower case assembly. (See procedure 1.)
- 17-2 Remove the two (2) screws marked [140J]. The tweeter can then be removed. (Fig. 8)

\* **The left and right tweeters can be removed in the same method.**

18. Tweeter (PSR-S910)

(Time required: About 8 minutes)

- 18-1 Remove the lower case assembly. (See procedure 1.)
- 18-2 Remove the two (2) screws marked [150]. The tweeter can then be removed. (Fig. 8)

\* **The left and right tweeters can be removed in the same method.**

19. Woofer (PSR-S710)

(Time required: About 8 minutes)

- 19-1 Remove the lower case assembly. (See procedure 1.)
- 19-2 Remove the four (4) screws marked [60A]. The woofer can then be removed. (Fig. 10)

\* **The left and right woofers can be removed in the same method.**

20. Woofer (PSR-S910)

(Time required: About 8 minutes)

- 20-1 Remove the lower case assembly. (See procedure 1.)
- 20-2 Remove the four (4) screws marked [60B]. The woofer and four (4) speaker holders can then be removed. (Fig. 10)

\* **The left and right woofers can be removed in the same method.**

21. Speaker Grille Assembly (L)

(Time required: About 10 minutes)

- 21-1 Remove the lower case assembly. (See procedure 1.)
- 21-2 Remove the shield cover U together with the DML circuit board (PSR-S710) or DMH circuit board (PSR-S910). (See procedure 11-2)
- 21-3 Remove the EIF circuit board. (See procedure 12.)
- 21-4 Restraighten the eight (8) projections marked [A] to come off the slots of the upper case assembly. (Fig. 8)
- 21-5 Remove the speaker grille assembly (L). (Fig. 3)

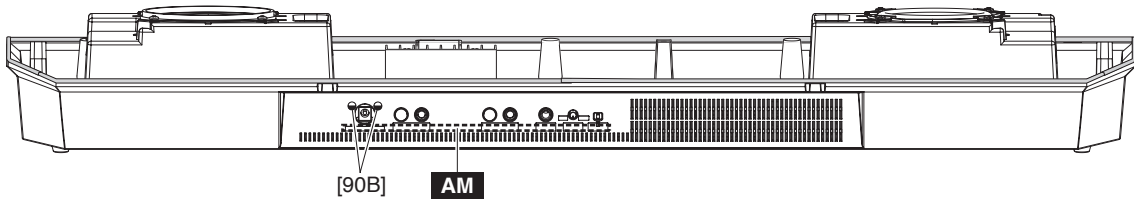
**22. Speaker Grille Assembly (R)**  
(Time required: About 11 minutes)

- 22-1 Remove the lower case assembly. (See procedure 1.)
- 22-2 PSR-S710: Remove the BL circuit board.  
(See procedure 9.)  
PSR-S910: Remove the LVDS circuit board.  
(See procedure 9.)
- 22-3 Restraighten the eight (8) projections marked [B] to come off the slots of the upper case assembly. (Fig. 8)
- 22-6. Remove the Speaker Grille assembly (R). (Fig. 3)

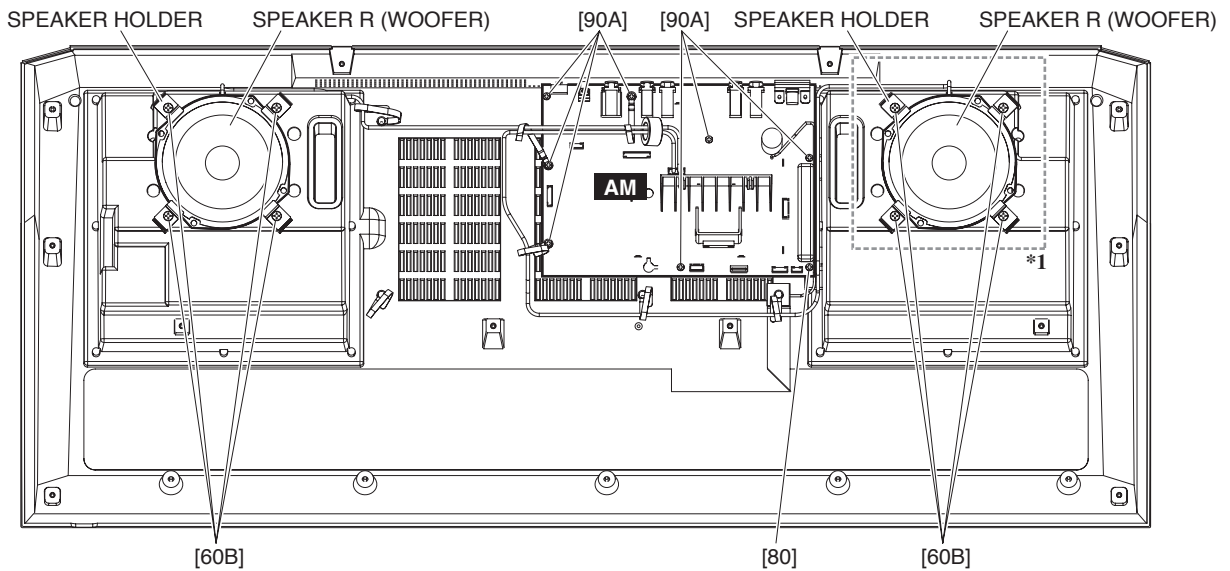
**23. AM Circuit Board**  
(Time required: About 9 minutes)

- 23-1 Remove the lower case assembly. (See procedure 1.)
- 23-2 Remove the screw marked [80], seven (7) screws marked [90A] and two (2) screws marked [90B]. The AM circuit board can then be removed. (Fig. 10)

• Rear view

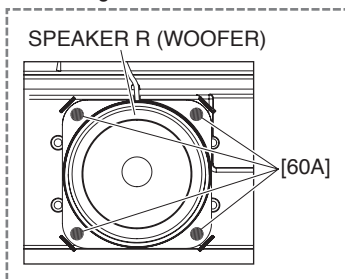


• Top view



\*1: This figure shows the PSR-S710.

\* This figure shows the PSR-S910.



- [60]: BIND HEAD TAPPING SCREW-B 4.0X8 MFZN2W3 (WE97460R)
- [80]: PWH TAPPING SCREW-B 3.0X8 MFZN2W3 (WF002600)
- [90]: BIND HEAD TAPPING SCREW-B 3.0X8 MFZN2W3 (WE774301)

Fig. 10

**24. Disassembling the Keyboard Assembly**

- 24-1 Remove the lower case assembly. (See procedure 1.)
- 24-2 Remove the keyboard assembly. (See procedure 13.)

**24-3 EMKS61A Circuit Board  
(Time required: About 8 minutes)**

- 24-3-1 Remove the two (2) screws marked [30]. The EMKS61A circuit board can then be removed. (Fig. 11)

**24-4 MK-L Circuit Board  
(Time required: About 9 minutes)**

- 24-4-1 Remove the EMKS61A circuit board. (See procedure 24-3.)
- 24-4-2 Remove the MK-L circuit board while pressing the eight (8) hooks A in the direction of the arrow. (Fig. 12)

**24-5 MK-H Circuit Board  
(Time required: About 9 minutes)**

- 24-5-1 Remove the MK-H circuit board while pressing the seven (7) hooks A in the direction of the arrow. (Fig. 12)

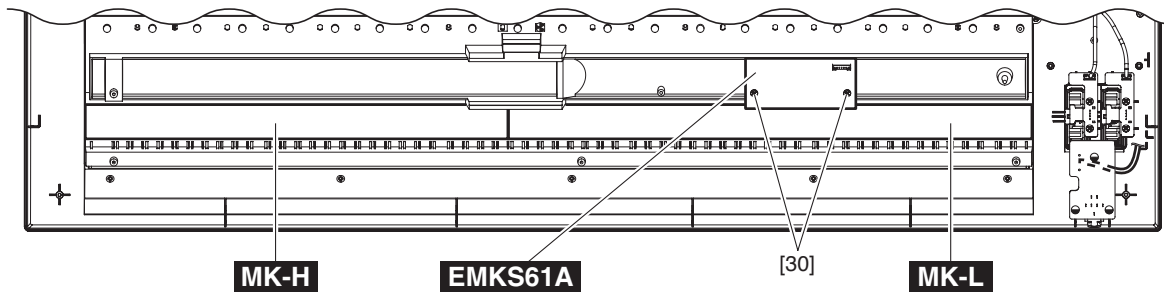
**24-6 Rubber Contact**

- 24-6-1 Remove the rubber contact. (Fig. 12) (Photo 5)

**24-7 White and Black Keys**

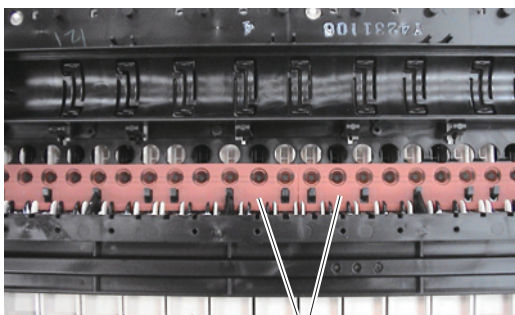
- 24-7-1 Remove the twenty-one (21) screws marked [140K], then remove the black keys from the lower notes. (Fig. 13)
- 24-7-2 Remove the white keys DFA and C'. (Fig. 13)
- 24-7-3 Remove the while keys CEGB from the higher notes. (Fig. 13)

\* *Lift the front portion of the keys and slide them towards you. The keys can then be removed from the assembly.*



[30]: BIND HEAD TAPPING SCREW-P 3.0X8 MFZN2B3 (WF266600)

Fig. 11



RUBBER CONTACT

Photo 5

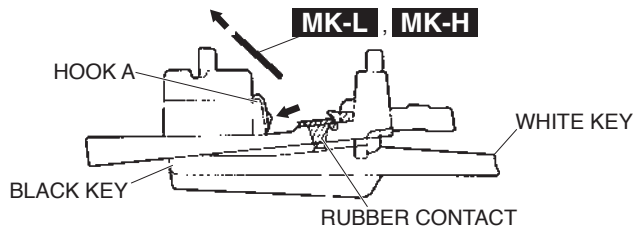
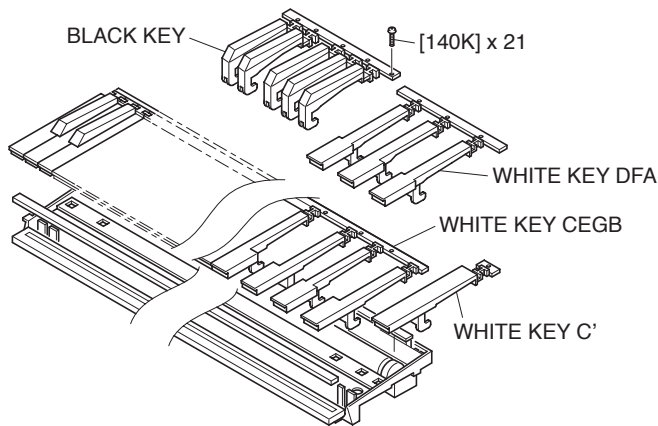


Fig. 12

**25. Assembling the Keyboard Assembly**

- 25-1 Install the white keys CEGB from the lower notes. (Fig. 13)
- 25-2 Install the white keys DFA and C'. (Fig. 13)
- 25-3 Install the black keys from the higher notes, and tighten the twenty-one (21) screws marked [140K]. (Fig. 13)
  - \* **To install the white and black keys, insert the projections of the keys into the respective slots [C] on the frame first. (Photo 6, Photo 7, Photo 8)**

- 25-4 Install the rubber contacts while pulling the keys up. (Fig. 14, Fig. 15)
  - \* **When fitting the rubber contacts, raise both ends of the frame so that keys do not push the rubber contact up.**
- 25-5 Install the MK-L and MK-H circuit boards in the assembly so that the hooks B hold it. (Fig. 16)



[140]: BIND HEAD TAPPING SCREW-P 3.0X16 MFZN2W3 (WE97300R) or BIND HEAD TAPPING SCREW-P 3.0X16 MFZN2B3 (WE983200)

Fig. 13

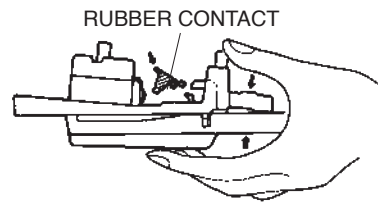


Fig. 14

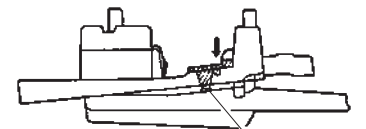


Fig. 15

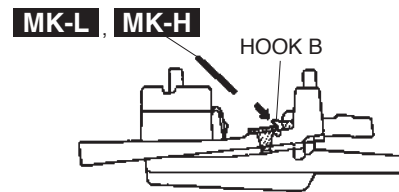


Fig. 16

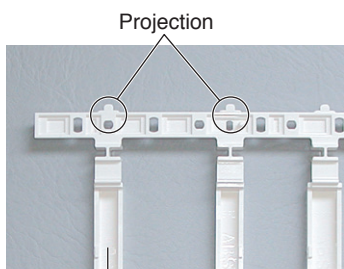


Photo 6

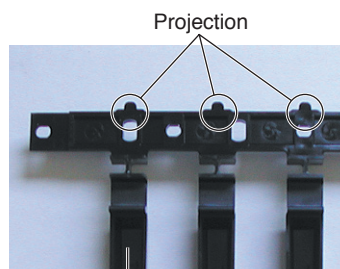


Photo 7

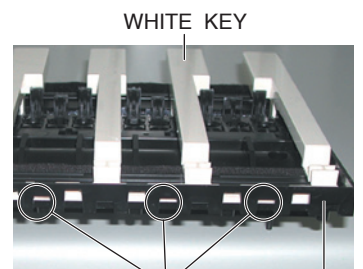


Photo 8

## LSI PIN DESCRIPTION

<b>AK4385ET</b> (X6040A01) <b>DAC</b> (Digital to Analog Converter) (PSR-S710)	32
<b>AK4396VF-E2</b> (X8324A00) <b>DAC</b> (Digital to Analog Converter) (PSR-S910)	33
<b>AK5381VT-E2</b> (X5219A0R) <b>ADC</b> (Analog to Digital Converter) (PSR-S910)	30
<b>DM9000AEP</b> (X7029A00) <b>LAN CONTROLLER</b>	31
<b>HD6417727F160CV</b> (X2890B00) <b>CPU</b>	23
<b>M38044M4-C16FPU0</b> (X4406101) <b>LED DRIVER/SWITCH SCAN</b>	31
<b>MB3516APF-G-BND-EF</b> (X2314A00) <b>RGB ENCODER</b> (PSR-S910)	33
<b>MPD6S004S</b> (X4404A01) <b>DC-DC CONVERTER</b>	33
<b>R8A02032BG</b> (X8810A00) <b>CPU</b> (SWX02) (PSR-S910)	24
<b>S1L50553F21Y000</b> (X4195A0R) <b>GATE ARRAY</b> (PSR-S910)	30
<b>SN75LVDS84ADGGR</b> (X4212A0R) <b>LVDS TRANSMITTERS</b> (PSR-S910)	32
<b>SN75LVDS86ADGGR</b> (X6818A00) <b>LVDS RECEIVER</b> (PSR-S910)	32
<b>T6TJ3XBG-0001</b> (X8940A00) <b>SWP51L</b> (Tone Generator)	26
<b>TMS320DA150PGE16D</b> (X3803A00) <b>DSP</b> (Digital Signal Processor) (PSR-S910)	29
<b>μPD780031AYGK-N04</b> (X003120R) <b>LKS</b>	22
<b>YGV628B-VZ</b> (X6356B00) <b>RGB CONTROLLER AVDP7</b> (PSR-S910)	28

### • μPD780031AYGK-N04 (X003120R) LKS

EMKS61A: IC001

PIN NO.	NAME	I/O	FUNCTION	PIN NO.	NAME	I/O	FUNCTION	
1	P50/A8	I/O	Port 5 / Higher address bus	33	P10/ANI0	I	Port 1 / A/D converter analog input	
2	P51/A9	I/O		34	AV <sub>REF</sub>	I		A/D converter reference voltage input
3	P52/A10	I/O		35	AV <sub>DD</sub>	-		Analog power supply
4	P53/A11	I/O		36	RESET	I		System reset input
5	P54/A12	I/O		37	XT2	-		Subsystem clock oscillation
6	P55/A13	I/O		38	XT1	I		
7	P56/A14	I/O		39	IC	-		Internally connected
8	P57/A15	I/O		40	X2	-	Main system clock oscillation	
9	V <sub>SS0</sub>	-	41	X1	I			
10	V <sub>DD0</sub>	-	42	V <sub>SS1</sub>	-	Ground		
11	P30	I/O	Port 3	43	P00/INTP0	I/O	Port 0 / External interrupt request input	
12	P31	I/O		44	P01/INTP1	I/O		
13	P32/SDA0	I/O	Port 3 / Serial data input/output	45	P02/INTP2	I/O		
14	P33/SCL0	I/O	Port 3 / Serial clock input/output	46	P03/INTP3/ADTRG	I/O	Port 0 / External interrupt request input / Trigger signal input	
15	P34	I/O	Port 3	47	P70/TI00/TO0	I/O	Port 7 / External count clock input / 16-bit timer/event counter 0 output	
16	P35	I/O		48	P71/TI01	I/O	Port 7 / Capture trigger input	
17	P36	I/O		49	P72/TI50/TO50	I/O	Port 7 / External count clock input / 8-bit timer/event counter 50 output	
18	P20/SI30	I/O		Port 2 / Serial data input	50	P73/TI51/TO51	I/O	Port 7 / External count clock input / 8-bit timer/event counter 51 output
19	P21/SO30	I/O	Port 2 / Serial data output	51	P74/PCL	I/O	Port 7 / Clock output	
20	P22/SCK30	I/O	Port 2 / Serial clock input/output	52	P75/BUZ	I/O	Port 7 / Buzzer output	
21	P23/RxD0	I/O	Port 2 / Serial data input	53	P64/RD	I/O	Port 6 / Strobe signal output for reading	
22	P24/TxD0	I/O	Port 2 / Serial data output	54	P65/WR	I/O	Port 6 / Strobe signal output for writing	
23	P25/ASCk0	I/O	Port 2 / Serial clock input/output	55	P66/WAIT	I/O	Port 6 / Wait insertion	
24	V <sub>DD1</sub>	-	Power supply	56	P67/ASTB	I/O	Port 6 / Strobe output	
25	AV <sub>SS</sub>	-	Ground	57	P40/AD0	I/O	Port 4 / Lower address/data bus	
26	P17/ANI7	I	Port 1 / A/D converter analog input	58	P41/AD1	I/O		
27	P16/ANI6	I		59	P42/AD2	I/O		
28	P15/ANI5	I		60	P43/AD3	I/O		
29	P14/ANI4	I		61	P44/AD4	I/O		
30	P13/ANI3	I		62	P45/AD5	I/O		
31	P12/ANI2	I		63	P46/AD6	I/O		
32	P11/ANI1	I		64	A47/AD7	I/O		

● HD6417727F160CV (X2890B00) CPU

DML: IC3 (PSR-S710)  
DMH: IC3 (PSR-S910)

PIN NO.	NAME	I/O	FUNCTION	PIN NO.	NAME	I/O	FUNCTION	
1	Vcc-RTC	-	Power supply for RTC (1.9V)	121	PTM[4]/PINT[4]/AFE_RDET_USB1d_TXDMNS	I	Not in use	
2	XTAL2	-	Not in use (XTAL for internal RTC)	122	Reserved/USB1d_SUSPEND	I	USB function VBUS	
3	EXTAL2	-		123	USB1_ovr_cmt/USBF_VBUS	I		
4	Vss-RTC	-	Power supply for RTC (0V)	124	USB2_ovr_cmt	-	USB2_HOST2 over current detection	
5	MD1	-	Clock mode setting	125	RTS2_USB1d_TXENL	O	Not in use	
6	MD2	-		126	PTE[2]/USB1_pwr_en	O	USB1 voltage control	
7	NMI	-	Not in use (Non-maskable interrupt request)	127	PTE[1]/USB2_pwr_en	O	USB2 voltage control	
8	IRQ0/IRL0_PTH[0]	I		128	CKE5/PTK[5]	O	Enable (SDRAM)	
9	IRQ1/IRL1_PTH[1]	I	External interrupt request	129	/RAS3/PTJ[0]	O	RAS for SDRAM	
10	IRQ2/IRL2_PTH[2]	I		130	Reserved/PTJ[1]	O	Not in use	
11	IRQ3/IRL3_PTH[3]	I		131	Reserved/CAS3/PTJ[2]	O	CAS for SDRAM	
12	IRQ4/PTH[4]	I		132	VssQ	-	VssQ	
13	VEPWC	O	VEE control pin for LCD panel	133	Reserved/PTJ[3]	O	Output port (DAC Reset)	
14	VCPCW	-	VCC control pin for LCD panel	134	VccQ	-	VccQ	
15	MD5	-	Big endian setting	135	Reserved/PTJ[4]	O	Output port (SIO Reset)	
16	/BREQ	-	Not in use (bus request)	136	Reserved/PTJ[5]	O	Output port (DAC Mute)	
17	/BACK	-	Bus acknowledge	137	Vss	-	Vss	
18	VssQ	-	VssQ	138	PTD[5]/CL1	O	LCD line clock	
19	CKIO2	-	System clock output	139	Vcc	-	Vcc	
20	VccQ	-	VccQ	140	PTD[7]/DON	O	LCD DISPLAY ON	
21	D31/PB[7]	I/O	Data bus	141	PTE[6]/M_DISP	O	LCD alternater	
22	D30/PB[6]	I/O		142	PTE[3]/FLM	O	LCD frame line marker	
23	D29/PB[5]	I/O		143	PTE[0]/TDO	O	JTAG (test data output)	
24	D28/PB[4]	I/O		144	PCCORESET/DRACK0	O	DMA request acceptance	
25	D27/PB[3]	I/O		145	PCCODRV_DACK0	O	DMA acknowledge	
26	D26/PB[2]	I/O		146	/WAIT	-	Hardware wait request	
27	D25/PB[1]	I/O		147	/RESETM	-	Manual reset request	
28	D24/PB[0]	I/O		148	/ADTRG/PTH[5]	-	Analog A/D trigger	
29	VssQ	-		149	/IOIS16/PTG[7]	I		
30	D23/PTA[7]	I/O		150	/ASEMD0	-		
31	VccQ	-	VccQ	151	PTG[5]/ASEBRKAK	-	Not in use	
32	D22/PTA[6]	I/O	152	PTG[4]	I			
33	D21/PTA[5]	I/O	Data bus	153	PCCOBVD2/PTG[3]/AUDATA[3]	I		
34	D20/PTA[4]	I/O		154	PCCOBVD1/PTG[2]/AUDATA[2]	I		
35	Vss	-	Vss	155	Vss	-	Vss	
36	D19/PTA[3]	I/O	Data bus	156	PCC0CD2/PTG[1]/AUDATA[1]	I	Not in use	
37	Vcc	-	Vcc	157	Vcc	-	Vcc	
38	D18/PTA[2]	I/O		158	PCC0CD1/PTG[0]/AUDATA[0]	I	Not in use	
39	D17/PTA[1]	I/O	Data bus	159	VssQ	-	VssQ	
40	D16/PTA[0]	I/O		160	PTF[7]/PINT[15]/TRST	I	Not in use	
41	D15	-		161	VccQ	-	VccQ	
42	VssQ	-	VssQ	162	PTF[6]/PINT[14]/TMS	I	Not in use	
43	D14	-	Data bus	163	PTF[5]/PINT[13]/TDI	I		
44	VccQ	-	VccQ	164	PTF[4]/PINT[12]/TCK	I		
45	D13	-		165	PTF[3]/PINT[11]/Reserved	I		
46	D12	-		166	PCCOREG_PTF[2]/Reserved	I		
47	D11	-		167	PCC0VS1_PTF[1]/Reserved	I		
48	D10	-		168	PCC0VS2_PTF[0]/Reserved	I		
49	D9	-	Data bus	169	MD0	-		Clock mode setting
50	D8	-		170	Vcc-PLL1	-		Power supply for Vcc_PLL1 - PLL1 (1.9V)
51	D7	-		171	CAP1	-		External capacitance for CAP1 _PLL1
52	D6	-		172	Vss-PLL1	-	Power supply for Vss_PLL1 _PLL1 (0V)	
53	VssQ	-	VssQ	173	Vss-PLL2	-	Power supply for Vss_PLL2 _PLL2 (0V)	
54	D5	-	Data bus	174	CAP2	-	External capacitance for CAP2 _PLL2	
55	VccQ	-	VccQ	175	Vcc-PLL2	-	Power supply for Vcc_PLL2 _PLL2 (1.9V)	
56	D4	-		176	PCCOWAIT_PTH[6]/AUDCK	I	Not in use	
57	D3	-	Data bus	177	Vss	-	Vss	
58	D2	-		178	Vcc	-	Vcc	
59	D1	-		179	XTAL	-	Clock oscillator	
60	D0	-		180	EXTAL	-	External clock	
61	A0	-		181	LCD15/PTM[3]/PINT[10]	I	Not in use	
62	A1	-	Address bus	182	LCD14/PTM[2]/PINT[9]	I		
63	A2	-		183	LCD13/PTM[1]/PINT[8]	I		
64	VssQ	-	VssQ	184	LCD12/PTM[0]	I	Input port (Flash ROM RY/BY)	
65	A3	-	Address bus	185	STATUS0/PTJ[6]	O	Output port (Flash ROM write protect)	
66	VccQ	-	VccQ	186	STATUS1/PTJ[7]	O	Output port (Flash ROM ACC)	
67	A4	-		187	CL2/PTH[7]	O	LCD clock output	
68	A5	-		188	VssQ	-	VssQ	
69	A6	-		189	CKIO	-	System clock input/output (for SDRAM)	
70	A7	-	Address bus	190	VccQ	-	VccQ	
71	A8	-		191	TxD0/SCPT[0]	O	Output port for SCI	
72	A9	-		192	SCK0/SCPT[1]	O	Not in use	
73	A10	-		193	TxD_SIO/SCPT[2]	O		
74	A11	-		194	SIOCLK/SCPT[3]	O		
75	VssQ	-	VssQ	195	TxD2/SCPT[4]	O	Output port for SCI	
76	A12	-	Address bus	196	SCK_SIO/SCPT[5]	O	Not in use	
77	VccQ	-	VccQ	197	SIOFSYNC/SCPT[6]	O		
78	A13	-		198	RxD0/SCPT[0]	I	Receiving data 0	
79	A14	-		199	RxD_SIO/SCPT[2]	I	Not in use	
80	A15	-		200	Vss	-	Vss	
81	A16	-	Address bus	201	RxD2/SCPT[4]	I	Receiving data 2	
82	A17	-		202	Vcc	-	Vcc	
83	A18	-		203	SCPT[7]/CTS2_IRQ5	I	Not in use	
84	A19	-		204	LCD11/PTC[7]/PINT[3]	O	Output port (PLG CLOCK ON/OFF)	
85	A20	-		205	LCD10/PTC[6]/PINT[2]	O	Not in use	
86	VssQ	-	VssQ	206	LCD9/PTC[5]/PINT[1]	O		
87	A21	-	Address bus	207	VssQ	-		VssQ
88	VccQ	-	VccQ	208	LCD8/PTC[4]/PINT[0]	O	Not in use	
89	A22	-	Address bus	209	VccQ	-	VccQ	
90	A23	-		210	LCD7/PTD[3]	O	LCD DATA7	
91	Vss	-	Vss	211	LCD6/PTD[2]	O	LCD DATA6	
92	A24	-	Address bus	212	LCD5/PTC[3]	O	LCD DATA5	
93	Vcc	-	Vcc	213	LCD4/PTC[2]	O	LCD DATA4	
94	A25	-	Address bus	214	LCD3/PTC[1]	O	LCD DATA3	
95	BS_PTK[4]	O	Not connected (bus cycle start signal)	215	LCD2/PTD[0]	O	LCD DATA2	
96	RD	O	Read strobe	216	LCD1/PTD[1]	O	LCD DATA1	
97	WE0_DOMLL	O	Write 0 signal	217	LCD0/PTD[0]	O	LCD DATA0	
98	WE1_DOMLUWE	O	Write 1 signal	218	DREQ0_PTD[4]	O	DMA request	
99	WE2_DOMLUICIOR_D_PTK[6]	O	Write 2 signal	219	LCK/UCLK/PTD[6]	I	USB clock	
100	VssQ	-	VssQ	220	/RESETP	-	Power on reset request	
101	WE3_DOMLUICIORWR_PTK[7]	O	Write 3 signal	221	CA	-	Hardware standby request	
102	VccQ	-	VccQ	222	MD3	-	Bus width setting for area0	
103	RD/WR	O	Read/Write	223	MD4	-		
104	PTE[7]/PCCORDY/AUDSYNC	O	I/O	224	/Scan_testen	-		Test pin (fixed to 3.3V)
105	/CS0	-	Chip Select 0	225	Avcc_USB	-	USB analog power supply (3.3V)	
106	/CS2	-	Chip Select 2	226	USB1_P	IO	USB1 data input/output (+)	
107	/CS3	-	Chip Select 3	227	USB1_M	IO	USB1 data input/output (-)	
108	/CS4/PTK[2]	O	Chip Select 4	228	Avss_USB	-	USB analog power supply (0V)	
109	/CS5/CE1A_PTK[3]	O	Chip Select 5	229	USB2_P	IO	USB2 data input/output (+)	
110	/CS6/CE1B	O	Chip Select 6	230	USB2_M	IO	USB2 data input/output (-)	
111	CE2A_PTE[4]	O	Output port (SWP50 Reset)	231	Avcc_USB	-	USB analog power supply (3.3V)	
112	CE2B_PTE[5]	O	Output port (PLG Board Reset)	232	Avss	-	A/D analog power supply (0V)	
113	AFE_HC1/USB1d_DPLS/PTK[0]	O	SPD DATA	233	AN[2]/PTL[2]	I	AD converter input	
114	AFE_RLYCNT_USB1d_DMNS/PTK[1]	O	SPD CL	234	AN[3]/PTL[3]	I		
115	VssQ	-	VssQ	235	AN[4]/PTL[4]	I		
116	AFE_SCLK/USB1d_TXDPLS	I	Not in use (USB1 D+ transmission)	236	AN[5]/PTL[5]	I		
117	VccQ	-	VccQ	237	Avcc	-		A/D analog power supply (3.3V)
118	PTM[7]/PTINT[7]/AFE_FS/USB1d_RCV	I		238	AN[6]/PTL[6]/DA[1]	I	AD converter input	
119	PTM[6]/PTINT[6]/AFE_RXIN/USB1d_SPEED	I		239	AN[7]/PTL[7]/DA[0]	O	DA converter output (LCD contrast)	
120	PTM[5]/PTINT[5]/AFE_TXOUT/USB1d_TXSE0	I	Not in use	240	Avss	-	A/D analog power supply (0V)	

● R8A02032BG (X8810A00) CPU (SWX02) (PSR-S910)

DMH: IC202

PIN NO.	OUTER NO.	NAME	I/O	FUNCTION	PIN NO.	OUTER NO.	NAME	I/O	FUNCTION
1	A1	VSS	-	Ground	80	D20	VSSPLL	-	PLL analog ground
2	A2	AN2	I	ADC analog input 2	81	E1	MD6	I/O	Wave memory data bus 6
3	A3	AN1	I	ADC analog input 1	82	E2	MD7	I/O	Wave memory data bus 7
4	A4	VSS	-	Ground	83	E3	MD8	I/O	Wave memory data bus 8
5	A5	RxD1	I	Serial input 1	84	E4	MD9	I/O	Wave memory data bus 9
6	A6	SCK1	I	External sync. clock input 1	85	E5	VDD	-	} Power supply +1.2 V
7	A7	UCLK	I	USB external clock input (48 MHz)	86	E6	VDD	-	
8	A8	VSS	-	Ground	87	E7	VSS	-	Ground
9	A9	FUNC_DM	I/O	USB function data -	88	E8	VCCQ	-	Power supply +3.3 V
10	A10	VSS	-	Ground	89	E9	VSS	-	Ground
11	A11	HOST_DM	I/O	USB host data -	90	E10	VCCQ	-	} Power supply +3.3 V
12	A12	POWER_ENB	O	USB voltage enable	91	E11	VCCQ	-	
13	A13	XTAL	O	Crystal oscillator output	92	E12	VSS	-	Ground
14	A14	EXTAL	I	Crystal oscillator input (16.9344 MHz)	93	E13	VCCQ	-	Power supply +3.3 V
15	A15	VSS	-	Ground	94	E14	VSS	-	Ground
16	A16	CS7N/PJ6	O	SH2A-CPU chip select 7	95	E15	VDD	-	} Power supply +1.2 V
17	A17	TRSTN	I	JTAG test reset input	96	E16	VDD	-	
18	A18	TDI	I	JTAG test data input	97	E17	D31/PF7	I/O	SH2A-CPU data bus 31
19	A19	TCK	I	JTAG test clock input	98	E18	D30/PF6	I/O	SH2A-CPU data bus 30
20	A20	VCCQ	-	Power supply +3.3 V	99	E19	D29/PF5	I/O	SH2A-CPU data bus 29
21	B1	MD15	I/O	Wave memory data bus 15	100	E20	D28/PF4	I/O	SH2A-CPU data bus 28
22	B2	VSS	-	Ground	101	F1	MD2	I/O	Wave memory data bus 2
23	B3	AN3	I	ADC analog input 3	102	F2	MD3	I/O	Wave memory data bus 3
24	B4	AN0	I	ADC analog input 0	103	F3	MD4	I/O	Wave memory data bus 4
25	B5	VSS	-	Ground	104	F4	MD5	I/O	Wave memory data bus 5
26	B6	TxD1	O	Serial output 1	105	F5	VDD	-	} Power supply +1.2 V
27	B7	TxD0	O	Serial output 0	106	F16	VDD	-	
28	B8	VSS	-	Ground	107	F17	D27/PF3	I/O	SH2A-CPU data bus 27
29	B9	FUNC_DP	I/O	USB function data +	108	F18	D26/PF2	I/O	SH2A-CPU data bus 26
30	B10	VSS	-	Ground	109	F19	D25/PF1	I/O	SH2A-CPU data bus 25
31	B11	HOST_DP	I/O	USB host data +	110	F20	D24/PF0	I/O	SH2A-CPU data bus 24
32	B12	SCL	I/O	E bus (I2C) clock input/output (5V compatible)	111	G1	MA2	O	Wave memory address bus 2
33	B13	VSS	-	} Ground	112	G2	MA1	O	Wave memory address bus 1
34	B14	VSS	-						
35	B15	CS4N/PJ3	O	SH2A-CPU chip select 4	113	G3	MD0	I/O	Wave memory data bus 0
36	B16	TIOC0A/PJ7	O	PWM output	114	G4	MD1	I/O	Wave memory data bus 1
37	B17	TESTN	I	Test input	115	G5	VSS	-	} Ground
38	B18	TMS	I	JTAG test mode select input	116	G16	VSS	-	
39	B19	VCCQ	-	} Power supply +3.3 V	117	G17	D23/PE7	I/O	SH2A-CPU data bus 23
40	B20	VCCQ	-						
41	C1	MD13	I/O	Wave memory data bus 13	118	G18	D22/PE6	I/O	SH2A-CPU data bus 22
42	C2	MD14	I/O	Wave memory data bus 14	119	G19	D21/PE5	I/O	SH2A-CPU data bus 21
43	C3	VSS	-	Ground	120	G20	D20/PE4	I/O	SH2A-CPU data bus 20
44	C4	VREFADC	-	ADC reference power supply +3.3 V	121	H1	MA6	O	Wave memory address bus 6
45	C5	VSSADC	-	ADC analog ground	122	H2	MA5	O	Wave memory address bus 5
46	C6	VSS	-	Ground	123	H3	MA4	O	Wave memory address bus 4
47	C7	RxD0	I	Serial input 0	124	H4	MA3	O	Wave memory address bus 3
48	C8	VSS	-	Ground	125	H5	VCCQ	-	} Power supply +3.3 V
49	C9	VBUS	I	USB cable connection monitor (5V compatible)	126	H16	VCCQ	-	
50	C10	VSS	-	Ground	127	H17	D19/PE3	I/O	SH2A-CPU data bus 19
51	C11	OVER_CURRENT_N	I	USB overcurrent detection (5V compatible)	128	H18	D18/PE2	I/O	SH2A-CPU data bus 18
52	C12	SDA	I/O	E bus (I2C) data input/output (5V compatible)	129	H19	VCCQ	-	} Power supply +3.3 V
53	C13	CS0N	O	SH2A-CPU chip select 0	130	H20	VCCQ	-	
54	C14	CS2N/PJ1	O	SH2A-CPU chip select 2	131	J1	MA10	O	Wave memory address bus 10
55	C15	CS5N/PJ4	O	SH2A-CPU chip select 5	132	J2	MA9	O	Wave memory address bus 9
56	C16	ASEMDN	I	Debug mode configuration	133	J3	MA8	O	Wave memory address bus 8
57	C17	TDO	O	JTAG test data output	134	J4	MA7	O	Wave memory address bus 7
58	C18	VCCQ	-	} Power supply +3.3 V	135	J5	VSS	-	
59	C19	VDDPLL	-						
60	C20	VDDPLL	-	} PLL analog power supply +1.2 V	136	J9	VSS	-	
61	D1	MD10	I/O		Wave memory data bus 10	137	J10	VSS	-
62	D2	MD11	I/O	Wave memory data bus 11	138	J11	VSS	-	} Ground
63	D3	MD12	I/O	Wave memory data bus 12	139	J12	VSS	-	
64	D4	VSS	-	Ground	140	J16	VSS	-	
65	D5	VCCADC	-	ADC analog power supply +3.3 V	141	J17	D17/PE1	I/O	SH2A-CPU data bus 17
66	D6	VSS	-	Ground	142	J18	D16/PE0	I/O	SH2A-CPU data bus 16
67	D7	RESN	I	Hardware reset	143	J19	CKOEN	I	Clock output control for SDRAM
68	D8	VCCQ	-	Power supply +3.3 V	144	J20	CKIO	O	Clock output control for SDRAM
69	D9	PULLUP_ENB	O	USB pull-up enable	145	K1	MA14	O	Wave memory address bus 14
70	D10	VCCQ	-	Power supply +3.3 V	146	K2	MA13	O	Wave memory address bus 13
71	D11	UCTL	I	USB output control	147	K3	MA12	O	Wave memory address bus 12
72	D12	EICN	O	E bus reset output	148	K4	MA11	O	Wave memory address bus 11
73	D13	CS1N/PJ0	O	SH2A-CPU chip select 1	149	K5	VDD	-	Power supply +1.2 V
74	D14	CS3N/PJ2	O	SH2A-CPU chip select 3	150	K9	VSS	-	} Ground
75	D15	CS6N/PJ5	O	SH2A-CPU chip select 6	151	K10	VSS	-	
76	D16	ASEBRKAKN	I/O	Emulator break	152	K11	VSS	-	
77	D17	VCCQ	-	} Power supply +3.3 V	153	K12	VSS	-	
78	D18	VCCQ	-						
79	D19	VSSPLL	-	PLL analog ground	154	K16	VDD	-	Power supply +1.2 V
					155	K17	CKE	O	Clock enable for SDRAM
					156	K18	D15	I/O	SH2A-CPU data bus 15
					157	K19	VSS	-	} Ground
					158	K20	VSS	-	



PIN NO.	OUTER NO.	NAME	I/O	FUNCTION	PIN NO.	OUTER NO.	NAME	I/O	FUNCTION
159	L1	MA15	O	Wave memory address bus 15	238	U2	PA6	I/O	Parallel port A6
160	L2	MA16	O	Wave memory address bus 16	239	U3	PA7	I/O	Parallel port A7
161	L3	MA17	O	Wave memory address bus 17	240	U4	VCCQ	-	Power supply +3.3 V
162	L4	MA18	O	Wave memory address bus 18	241	U5	ED1/PC1	I/O	External CPU data bus 1
163	L5	VDD	-	Power supply +1.2 V	242	U6	ED5/PC5	I/O	External CPU data bus 5
164	L9	VSS	-	Ground	243	U7	ED9/PD1	I/O	External CPU data bus 9
165	L10	VSS	-		244	U8	ED13/PD5	I/O	External CPU data bus 13
166	L11	VSS	-		245	U9	EA2/PK1	I	External CPU address bus 2
167	L12	VSS	-		246	U10	ECSN	I	External CPU chip select
168	L16	VDD	-	Power supply +1.2 V	247	U11	BCLK	O	Bit clock output
169	L17	D11	I/O	SH2A-CPU data bus 11	248	U12	IRQ0	I	Interrupt input 0
170	L18	D12	I/O	SH2A-CPU data bus 12	249	U13	A25	O	SH2A-CPU address bus 25
171	L19	D13	I/O	SH2A-CPU data bus 13	250	U14	A21	O	SH2A-CPU address bus 21
172	L20	D14	I/O	SH2A-CPU data bus 14	251	U15	A17	O	SH2A-CPU address bus 17
173	M1	MA19	O	Wave memory address bus 19	252	U16	A13	O	SH2A-CPU address bus 13
174	M2	MA20	O	Wave memory address bus 20	253	U17	VCCQ	-	Power supply +3.3 V
175	M3	MA21	O	Wave memory address bus 21	254	U18	A3	O	SH2A-CPU address bus 3
176	M4	MA22	O	Wave memory address bus 22	255	U19	A2	O	SH2A-CPU address bus 2
177	M5	VSS	-	Ground	256	U20	A1	O	SH2A-CPU address bus 1
178	M9	VSS	-		257	V1	PB0	I/O	Parallel port B0
179	M10	VSS	-		258	V2	PB1	I/O	Parallel port B1
180	M11	VSS	-		259	V3	VCCQ	-	Power supply +3.3 V
181	M12	VSS	-		260	V4	PB6	I/O	Parallel port B6
182	M16	VSS	-		261	V5	ED2/PC2	I/O	External CPU data bus 2
183	M17	D7	I/O		SH2A-CPU data bus 7	262	V6	ED6/PC6	I/O
184	M18	D8	I/O	SH2A-CPU data bus 8	263	V7	ED10/PD2	I/O	External CPU data bus 10
185	M19	D9	I/O	SH2A-CPU data bus 9	264	V8	ED14/PD6	I/O	External CPU data bus 14
186	M20	D10	I/O	SH2A-CPU data bus 10	265	V9	EA3/PK2	I	External CPU address bus 3
187	N1	MA23/PG4	O	Wave memory address bus 23	266	V10	SDI0/PK5	O	Serial audio input 0
188	N2	MA24/PG5	O	Wave memory address bus 24	267	V11	WCLK2/SDO2	I	Word clock output 2/Serial audio output 2
189	N3	MA25/PG6	O	Wave memory address bus 25	268	V12	IRQ1	I	Interrupt input 1
190	N4	MA26/PG7	O	Wave memory address bus 26	269	V13	BW_MD0	I	SH2A-CPU data bus width configuration
191	N5	VCCQ	-	Power supply +3.3 V	270	V14	A22/PH5	O	SH2A-CPU address bus 22
192	N16	VCCQ	-		271	V15	A18	O	SH2A-CPU address bus 18
193	N17	D3	I/O		SH2A-CPU data bus 3	272	V16	A14	O
194	N18	D4	I/O	SH2A-CPU data bus 4	273	V17	A10	O	SH2A-CPU address bus 10
195	N19	D5	I/O	SH2A-CPU data bus 5	274	V18	VCCQ	-	Power supply +3.3 V
196	N20	D6	I/O	SH2A-CPU data bus 6	275	V19	A5	O	SH2A-CPU address bus 5
197	P1	MCS3N/PG3	O	Wave memory chip select 3	276	V20	A4	O	SH2A-CPU address bus 4
198	P2	MCS2N/PG2	O	Wave memory chip select 2	277	W1	PB2	I/O	Parallel port B2
199	P3	MCS1N/PG1	O	Wave memory chip select 1	278	W2	VCCQ	-	Power supply +3.3 V
200	P4	MWRN/PG0	O	Wave memory write enable	279	W3	PB4	I/O	Parallel port B4
201	P5	VSS	-	Ground	280	W4	PB7	I/O	Parallel port B7
202	P16	VSS	-		281	W5	ED3/PC3	I/O	External CPU data bus 3
203	P17	RD/WRN	O	SH2A-CPU read/write enable	282	W6	ED7/PC7	I/O	External CPU data bus 7
204	P18	D0	I/O	SH2A-CPU data bus 0	283	W7	ED11/PD3	I/O	External CPU data bus 11
205	P19	D1	I/O	SH2A-CPU data bus 1	284	W8	ED15/PD7	I/O	External CPU data bus 15
206	P20	D2	I/O	SH2A-CPU data bus 2	285	W9	ERDN/PK3	I	External CPU read enable
207	R1	MCS0N	O	Wave memory chip select 0	286	W10	SDI1/PK6	I	Serial audio input 1
208	R2	MRDN	O	Wave memory read enable	287	W11	WCLK	O	Word clock output
209	R3	BTCHG	I	BOOT ROM switching control	288	W12	SYSCLK2	O	Clock output 2
210	R4	PA0	I/O	Parallel port A0	289	W13	WAITN/PK7	I	External wait input
211	R5	VDD	-	Power supply +1.2 V	290	W14	A23/PH6	O	SH2A-CPU address bus 23
212	R16	VDD	-		291	W15	A19	O	SH2A-CPU address bus 19
213	R17	WE3N/DQMLU/PH3	O		Writing byte of D31 - D24/Selecting D31 - D24 in case of SDRAM	292	W16	A15	O
214	R18	RASLN	O	RAS output for SDRAM	293	W17	A11	O	SH2A-CPU address bus 11
215	R19	CASLN	O	CAS output for SDRAM	294	W18	A8	O	SH2A-CPU address bus 8
216	R20	RDN	O	SH2A-CPU read enable	295	W19	VCCQ	-	Power supply +3.3 V
217	T1	PA1	I/O	Parallel port A1	296	W20	A6	O	SH2A-CPU address bus 6
218	T2	PA2	I/O	Parallel port A2	297	Y1	VCCQ	-	Power supply +3.3 V
219	T3	PA3	I/O	Parallel port A3	298	Y2	PB3	I/O	Parallel port B3
220	T4	PA4	I/O	Parallel port A4	299	Y3	PB5	I/O	Parallel port B5
221	T5	VDD	-	Power supply +1.2 V	300	Y4	ED0/PC0	I/O	External CPU data bus 0
222	T6	VDD	-		301	Y5	ED4/PC4	I/O	External CPU data bus 4
223	T7	VSS	-		Ground	302	Y6	ED8/PD0	I/O
224	T8	VCCQ	-	Power supply +3.3 V	303	Y7	ED12/PD4	I/O	External CPU data bus 12
225	T9	VSS	-	Ground	304	Y8	EA1/PK0	I	External CPU address bus 1
226	T10	VCCQ	-	Power supply +3.3 V	305	Y9	EWARN/PK4	I	External CPU write enable
227	T11	VCCQ	-		306	Y10	SDO0	O	Serial audio output 0
228	T12	VSS	-	Ground	307	Y11	SDO1	O	Serial audio output 1
229	T13	VCCQ	-	Power supply +3.3 V	308	Y12	SYSCLK	O	Clock output
230	T14	VSS	-	Ground	309	Y13	SYI	I	Sync. input from external device
231	T15	VDD	-	Power supply +1.2 V	310	Y14	A24/PH7	O	SH2A-CPU address bus 24
232	T16	VDD	-		311	Y15	A20	O	SH2A-CPU address bus 20
233	T17	AO/PH4	O		SH2A-CPU address bus 0	312	Y16	A16	O
234	T18	WE3N/DQMLL/PH0	O	Writing byte of D7 - D0/Selecting D7 - D0 in case of SDRAM	313	Y17	A12	O	SH2A-CPU address bus 12
235	T19	WE1N/DQMLU/PH1	O	Writing byte of D15 - D8/Selecting D15 - D8 in case of SDRAM	314	Y18	A9	O	SH2A-CPU address bus 9
236	T20	WE2N/DQMLU/PH2	O	Writing byte of D23 - D16/Selecting D23 - D16 in case of SDRAM	315	Y19	A7	O	SH2A-CPU address bus 7
237	U1	PA5	I/O	Parallel port A5	316	Y20	VCCQ	-	Power supply +3.3 V

● T6TJ3XBG-0001 (X8940A00) SWP51L (Tone Generator)

PIN NO.	OUTER NO.	NAME	I/O	FUNCTION	PIN NO.	OUTER NO.	NAME	I/O	FUNCTION	
1	A1	VSS	-	Ground	98	D20	VDDC	-	Power supply +1.5 V	
2	A2	VSS	-		99	D21	VDDC	-		
3	A3	HRD2	I/O		100	D22	VSS	-		
4	A4	HRD0	I/O	DRAM data bus	101	D23	VSS	-	Ground	
5	A5	HRD9	I/O		102	D24	CD14	I/O		Data bus of internal register
6	A6	HRD11	I/O		103	D25	CD13	I/O		
7	A7	HRD13	I/O		104	D26	CD12	I/O		
8	A8	HRD15	I/O		105	E1	ACLK	I/O		
9	A9	RA1	O	106	E2	ADIR	O	Direction signal (ABUS)		
10	A10	RA3	O	107	E3	ADAT15	I/O		Data bus (ABUS)	
11	A11	RA5	O	DRAM address bus	108	E4	VSS	-	Ground	
12	A12	RA7	O		109	E23	VSS	-		
13	A13	RA9	O		110	E24	CD11	I/O		Data bus of internal register
14	A14	RCLK	O		111	E25	CD10	I/O		
15	A15	RRAS	O		112	E26	CD9	I/O		
16	A16	RWEN	O	DRAM write enable	113	F1	MELI7	I	MEL wave data input	
17	A17	LRD8	I/O		114	F2	DITo	O		Digital audio output
18	A18	LRD10	I/O	DRAM data bus (Lower data)	115	F3	AFRM	I/O	Frame signal (ABUS)	
19	A19	LRD12	I/O		116	F4	VDDC	-		Power supply +1.5 V
20	A20	LRD14	I/O		117	F23	VDDC	-		
21	A21	LRD7	I/O		118	F24	CD8	I/O		Data bus of internal register
22	A22	LRD5	I/O		119	F25	CD7	I/O		
23	A23	LRD3	I/O	120	F26	CD6	I/O			
24	A24	LRD1	I/O	Ground	121	G1	MELI4	I	MEL wave data input	
25	A25	VSS	-		122	G2	MELI5	I		
26	A26	VSS	-		123	G3	MELI6	I		
27	B1	VSS	-		124	G4	VDDC	-		Power supply +1.5 V
28	B2	VSS	-		125	G23	VDDC	-		
29	B3	HRD3	I/O	DRAM data bus	126	G24	CD5	I/O	Data bus of internal register	
30	B4	HRD1	I/O		127	G25	CD4	I/O		
31	B5	HRD8	I/O		128	G26	CD3	I/O		
32	B6	HRD10	I/O		129	H1	MELI1	I		MEL wave data input
33	B7	HRD12	I/O		130	H2	MELI2	I		
34	B8	HRD14	I/O	131	H3	MELI3	I			
35	B9	RA0	O	DRAM address bus	132	H4	VDDC	-	Power supply +1.5 V	
36	B10	RA2	O		133	H23	VDDC	-		Power supply +3.3 V
37	B11	RA4	O		134	H24	CD2	I/O	Data bus of internal register	
38	B12	RA6	O		135	H25	CD1	I/O		
39	B13	RA8	O		136	H26	CD0	I/O		
40	B14	RCLK	O	SDRAM clock enable	137	J1	BCLK	O	Master clock (64 Fs)	
41	B15	RCAS	O		138	J2	ADLR	O		For ADC word clock
42	B16	RQML	O	MASK signal (SDRAM)	139	J3	MELI0	I	MEL wave data input	
43	B17	LRD9	I/O		140	J4	VDDC	-		Power supply +1.5 V
44	B18	LRD11	I/O	141	J23	VDDC	-	Power supply +3.3 V		
45	B19	LRD13	I/O	142	J24	CA0	I		Address bus of internal register	
46	B20	LRD15	I/O	143	J25	CA1	I			
47	B21	LRD6	I/O	144	J26	CA2	I			
48	B22	LRD4	I/O	Ground	145	K1	WCLK0	O	For DAC word clock	
49	B23	LRD2	I/O		146	K2	CK512	O		Master clock (512 Fs)
50	B24	LRD0	I/O		147	K3	CK128	O		
51	B25	VSS	-		148	K4	VDDC	-		Power supply +1.5 V
52	B26	VSS	-		149	K23	VDDC	-		
53	C1	HRD5	I/O	DRAM data bus	150	K24	CA3	I	Address bus of internal register	
54	C2	HRD4	I/O		151	K25	CA4	I		
55	C3	VSS	-		152	K26	CA5	I		
56	C4	ADAT13	I/O		153	L1	MELO6	O		MEL wave data output
57	C5	ADAT12	I/O		154	L2	MELO7	O		
58	C6	ADAT11	I/O	Data bus (ABUS)	155	L3	WCLK1	O	For DAC word clock	
59	C7	ADAT10	I/O		156	L4	VDDC	-		Power supply +1.5 V
60	C8	ADAT9	I/O		157	L11	VSS	-		
61	C9	ADAT8	I/O		158	L12	VSS	-		
62	C10	ADAT7	I/O		159	L13	VSS	-		
63	C11	RA10	O	DRAM address bus	160	L14	VSS	-	Power supply +3.3 V	
64	C12	RA11	O		161	L15	VSS	-		
65	C13	RA12	O		162	L16	VSS	-		
66	C14	RA13	O		163	L23	VDDC	-		Address bus of internal register
67	C15	RQMH	O		164	L24	CA6	I		
68	C16	RCLKIN	I	MASK signal (SDRAM)	165	L25	CA7	I	Address bus of internal register	
69	C17	ADAT6	I/O		166	L26	CA8	I		
70	C18	ADAT5	I/O	Data bus (ABUS)	167	M1	MELO3	O	MEL wave data output	
71	C19	ADAT4	I/O		168	M2	MELO4	O		
72	C20	ADAT3	I/O		169	M3	MELO5	O		Power supply +1.5 V
73	C21	ADAT2	I/O		170	M4	VDDC	-		
74	C22	ADAT1	I/O		171	M11	VSS	-		
75	C23	ADAT0	I/O	172	M12	VSS	-	Ground		
76	C24	VSS	-	173	M13	VSS	-			
77	C25	VSS	-	174	M14	VSS	-			
78	C26	CD15	I/O	Data bus of internal register	175	M15	VSS	-	Power supply +3.3 V	
79	D1	HRD7	I/O		176	M16	VSS	-		
80	D2	HRD6	I/O		177	M23	VDDC	-		Power supply +1.5 V
81	D3	ADAT14	I/O		178	M24	CA9	I		
82	D4	VSS	-		179	M25	CA10	I		
83	D5	VSS	-	180	M26	CA11	I			
84	D6	VDDC	-	Power supply +3.3 V	181	N1	MELO0	O	MEL wave data output	
85	D7	VDDC	-		182	N2	MELO1	O		
86	D8	VDDC	-		183	N3	MELO2	O		
87	D9	VDDC	-		184	N4	VDDC	-		Power supply +1.5 V
88	D10	VDDC	-		185	N11	VSS	-		
89	D11	VDDC	-	186	N12	VSS	-			
90	D12	VDDC	-	187	N13	VSS	-			
91	D13	VDDC	-	Power supply +1.5 V	188	N14	VSS	-	Analog ground (PLL)	
92	D14	VDDC	-		189	N15	VSS	-		
93	D15	VDDC	-		190	N16	VSS	-		
94	D16	VDDC	-		191	N23	PLL_AV5	I		
95	D17	VDDC	-		192	N24	CA12	I		Address bus of internal register
96	D18	VDDC	-	193	N25	CA13	I			
97	D19	VDDC	-	194	N26	CA14	I			

PIN NO.	OUTER NO.	NAME	I/O	FUNCTION	PIN NO.	OUTER NO.	NAME	I/O	FUNCTION
195	P1	LMD11	I/O	Wave memory data bus (Lower 16 bit)	292	AC8	VDDC	-	Power supply +1.5 V
196	P2	LMD4	I/O		293	AC9	VDDC	-	
197	P3	LMD3	I/O	294	AC10	VDDC	-		
198	P4	VDD5	-	295	AC11	VDDC	-		
199	P11	VSS	-	296	AC12	VDDC	-		
200	P12	VSS	-	297	AC13	VDDC	-		
201	P13	VSS	-	298	AC14	VDD5	-		
202	P14	VSS	-	299	AC15	VDD5	-		
203	P15	VSS	-	300	AC16	VDD5	-		
204	P16	VSS	-	301	AC17	VDD5	-		
205	P23	PLL_AVDD	-	302	AC18	VDD5	-	Power supply +3.3 V	
206	P24	CA15	I	303	AC19	VDD5	-		
207	P25	XI	I	304	AC20	VDD5	-		
208	P26	XO	O	305	AC21	VDD5	-		
209	R1	LMD12	I/O	306	AC22	VSS	-	Ground	
210	R2	LMD10	I/O	307	AC23	VSS	-		
211	R3	LMD5	I/O	308	AC24	TEST1	I	Test pin	
212	R4	VDD5	-	309	AC25	SYI	I		
213	R11	VSS	-	310	AC26	ESCL	I/O	Synchronous clock	
214	R12	VSS	-	311	AD1	LMA19	O		
215	R13	VSS	-	312	AD2	LMA3	O	Wave memory address bus (Lower data memory)	
216	R14	VSS	-	313	AD3	VSS	-		
217	R15	VSS	-	314	AD4	LMA17	O	Ground	
218	R16	VSS	-	315	AD5	LMA6	O		
219	R23	VDDC	-	316	AD6	LMA8	O	Wave memory address bus (Lower data memory)	
220	R24	PLL_TSTN	I	317	AD7	LMA13	O		
221	R25	RFCLKI	I	318	AD8	LMA11	O	Test pin	
222	R26	RFCLKo	O	319	AD9	HMD11	I/O		
223	T1	LMD2	I/O	320	AD10	HMD12	I/O	Wave memory data bus (Upper data memory)	
224	T2	LMD13	I/O	321	AD11	HMD2	I/O		
225	T3	LMD6	I/O	322	AD12	HMD9	I/O	Wave memory data bus (Upper data memory)	
226	T4	VDD5	-	323	AD13	HMD7	I/O		
227	T11	VSS	-	324	AD14	HMA29	O	Ground	
228	T12	VSS	-	325	AD15	HMA26	O		
229	T13	VSS	-	326	AD16	HMA24	O	Wave memory address bus (Upper data memory)	
230	T14	VSS	-	327	AD17	HMA21	O		
231	T15	VSS	-	328	AD18	HMA2	O	Wave memory address bus (Upper data memory)	
232	T16	VSS	-	329	AD19	HMA18	O		
233	T23	VDDC	-	330	AD20	HMA5	O	Power supply +1.5 V	
234	T24	CSN1	I	331	AD21	HMA7	O		
235	T25	CSN0	I	332	AD22	HMA14	O	Chip select	
236	T26	PLL_BP	I	333	AD23	HMA10	O		
237	U1	LMD9	I/O	334	AD24	VSS	-	Test pin	
238	U2	LMD14	I/O	335	AD25	VSS	-		
239	U3	LMD1	I/O	336	AD26	SYO	O	Wave memory data bus (Lower 16 bit)	
240	U4	VDD5	-	337	AE1	VSS	-		
241	U23	VDDC	-	338	AE2	VSS	-	Power supply +3.3 V	
242	U24	TRST	I	339	AE3	LMA18	O		
243	U25	RDN	I	340	AE4	LMA5	O	Power supply +1.5 V	
244	U26	WRN	I	341	AE5	LMA7	O		
245	V1	LMD7	I/O	342	AE6	LMA14	O	Wave memory address bus (Lower data memory)	
246	V2	LMD8	I/O	343	AE7	LMA10	O		
247	V3	LMD15	I/O	344	AE8	MWEN	O	Wave memory data bus (Lower 16 bit)	
248	V4	VDD5	-	345	AE9	HMD4	I/O		
249	V23	VDDC	-	346	AE10	HMD10	I/O	Wave memory write enable	
250	V24	TCK	I	347	AE11	HMD13	I/O		
251	V25	DREQo	O	348	AE12	HMD14	I/O	Wave memory data bus (Upper data memory)	
252	V26	WAITO	O	349	AE13	HMD8	I/O		
253	W1	LMD0	I/O	350	AE14	HMA30	O	Hardware wait request	
254	W2	LMA30	O	351	AE15	HMA27	O		
255	W3	LMA29	O	352	AE16	HMA0	O	Wave memory address bus (Lower data memory)	
256	W4	VDD5	-	353	AE17	HMA23	O		
257	W23	VDDC	-	354	AE18	HMA20	O	Power supply +3.3 V	
258	W24	TMS	I	355	AE19	HMA3	O		
259	W25	SLAVE	I	356	AE20	HMA17	O	Power supply +1.5 V	
260	W26	IRQo	O	357	AE21	HMA6	O		
261	Y1	LMA28	O	358	AE22	HMA8	O	Master/Slave select	
262	Y2	LMA27	O	359	AE23	HMA13	O		
263	Y3	LMA26	O	360	AE24	HMA11	O	Interrupt request	
264	Y4	VDD5	-	361	AE25	VSS	-		
265	Y23	VDDC	-	362	AE26	VSS	-	Wave memory address bus (Lower data memory)	
266	Y24	TDI	I	363	AF1	VSS	-		
267	Y25	KONTRGi	I	364	AF2	VSS	-	Ground	
268	Y26	ICN	I	365	AF3	LMA4	O		
269	AA1	LMA25	O	366	AF4	LMA16	O	Key on data	
270	AA2	LMA0	O	367	AF5	LMA15	O		
271	AA3	LMA24	O	368	AF6	LMA9	O	Initial clear	
272	AA4	VDD5	-	369	AF7	LMA12	O		
273	AA23	VDDC	-	370	AF8	MOEN	O	Wave memory address bus (Lower data memory)	
274	AA24	TDO	O	371	AF9	HMD3	I/O		
275	AA25	EIRQ	O	372	AF10	HMD5	I/O	Wave memory output enable	
276	AA26	KONTRGo	O	373	AF11	HMD6	I/O		
277	AB1	LMA22	O	374	AF12	HMD1	I/O	Wave memory data bus (Upper data memory)	
278	AB2	LMA23	O	375	AF13	HMD15	I/O		
279	AB3	LMA21	O	376	AF14	HMD0	I/O	Ground	
280	AB4	VSS	-	377	AF15	HMA28	O		
281	AB23	VSS	-	378	AF16	HMA25	O	Test pin	
282	AB24	TMODE	I	379	AF17	HMA22	O		
283	AB25	ESDA	I/O	380	AF18	HMA1	O	E bus data	
284	AB26	EICN	O	381	AF19	HMA19	O		
285	AC1	LMA1	O	382	AF20	HMA4	O	E bus initial clear	
286	AC2	LMA20	O	383	AF21	HMA16	O		
287	AC3	LMA2	O	384	AF22	HMA15	O	Wave memory address bus (Lower data memory)	
288	AC4	VSS	-	385	AF23	HMA9	O		
289	AC5	VSS	-	386	AF24	HMA12	O	Ground	
290	AC6	VDDC	-	387	AF25	VSS	-		
291	AC7	VDDC	-	388	AF26	VSS	-	Power supply +1.5 V	

## ● YGV628B-VZ (X6356B00) RGB CONTROLLER AVDP7 (PSR-S910)

DMH: IC603

PIN NO.	NAME	I/O	FUNCTION	PIN NO.	NAME	I/O	FUNCTION	
1	A23	I	CPU address bus	89	SA13	O	Video memory address bus	
2	A22	I		90	V <sub>DD</sub>	-	Digital power supply +3.3 V	
3	A21	I		91	SA11	O	Video memory address bus	
4	A20	I		92	SA12	O		
5	V <sub>DD</sub>	-	93	SA9	O			
6	A19	I	94	SA10	O			
7	V <sub>SS</sub>	-	Digital ground	95	SA8	O	Digital ground	
8	A18	I	96	SA0	O			
9	A17	I	97	V <sub>SS</sub>	-			
10	A16	I	98	SA1	O			
11	A15	I	CPU address bus	99	SA6	O	Video memory address bus	
12	A14	I		100	SA7	O	Digital power supply +3.3 V	
13	A13	I		101	V <sub>DD</sub>	-		
14	A12	I		102	SA2	O		
15	A11	I	103	SA5	O	Video memory address bus		
16	A10	I	104	SA3	O			
17	A9	I	105	SA4	O			
18	A8	I	106	V <sub>SS</sub>	-		Digital ground	
19	V <sub>DD</sub>	-	Digital power supply +3.3 V	107	GCK2OUT	O	Dot clock output 2	
20	V <sub>SS</sub>	-	Digital ground	108	V <sub>DD</sub>	-	Digital power supply +3.3 V	
21	A7	I	CPU address bus	109	DRO0	O	Digital R signal output	
22	A6	I		110	DRO1	O		
23	A5	I		111	DRO2	O		
24	A4	I		112	DRO3	O		
25	A3	I	Write strobe input	113	DRO4	O	Digital G signal output	
26	A2	I		114	DRO5	O		
27	A1	I		115	DGO0	O		
28	WRH_N	I		116	DGO1	O		
29	WRL_N	I	Read pulse input	117	V <sub>SS</sub>	-	Digital ground	
30	RD_N	I	Reset input	118	DGO2	O	Digital G signal output	
31	RESET_N	I	Digital ground	119	DGO3	O	Digital power supply +3.3 V	
32	V <sub>SS</sub>	-	Chip select	120	V <sub>DD</sub>	-	Digital power supply +3.3 V	
33	CS_N	I	Digital power supply +3.3 V	121	DGO4	O	Digital G signal output	
34	V <sub>DD</sub>	-	Direct memory access	122	DGO5	O	Digital B signal output	
35	DREQ_N	O	Interrupt	123	DBO0	O		
36	INT_N	O	CPU bus ready	124	DBO1	O		
37	READY_N	O	CPU bus wait	125	DBO2	O		
38	WAIT_N	O	CPU data bus	126	DBO3	O	Digital ground	
39	D15	I/O		127	V <sub>SS</sub>	-		
40	D14	I/O		128	DBO4	O		
41	D13	I/O		129	DBO5	O		
42	D12	I/O	Digital ground	130	YS_N	O	YS signal output	
43	V <sub>SS</sub>	-	CPU data bus	131	BLANK_N	O	Non-display interval output	
44	D11	I/O		132	V <sub>DD</sub>	-	Digital power supply +3.3 V	
45	D10	I/O		133	DACV <sub>SS</sub>	-	DAC analog ground	
46	V <sub>DD</sub>	-		Digital power supply +3.3 V	134	R	O	Analog R signal output
47	D9	I/O	CPU data bus	135	G	O	Analog G signal output	
48	D8	I/O		136	B	O	Analog B signal output	
49	D7	I/O		137	IREF	-	DAC reference electric-current input	
50	D6	I/O		138	DACV <sub>DD</sub>	-	DAC analog power supply +3.3 V	
51	D5	I/O	Digital ground	139	TEST2_N	I	Test pin	
52	D4	I/O		140	TEST1_N	I		
53	V <sub>SS</sub>	-		141	TEST0_N	I		
54	D3	I/O		142	CSYNC_N	O		Horizontal synchronized signal / Compound synchronized signal output
55	D2	I/O	CPU data bus	143	VSYNC_N	O	Vertical synchronized signal output	
56	D1	I/O		144	GCK1OUT	O	Dot clock output 1	
57	D0	I/O		145	V <sub>DD</sub>	-	Digital power supply +3.3 V	
58	V <sub>DD</sub>	-		Digital power supply +3.3 V	146	GCK2IN	I	Dot clock input 2
59	SDQ0	I/O	Video memory data bus	147	DRI0	I	Digital R signal input	
60	SDQ15	I/O		148	V <sub>SS</sub>	-	Digital ground	
61	V <sub>SS</sub>	-		Digital ground	149	DRI1	I	Digital R signal input
62	SDQ1	I/O		150	DRI2	I		
63	SDQ14	I/O	151	DRI3	I			
64	SDQ2	I/O	152	DRI4	I			
65	SDQ13	I/O	Video memory data bus	153	DRI5	I	Digital G signal input	
66	SDQ3	I/O		154	DGI0	I		
67	V <sub>SS</sub>	-		Digital ground	155	DGI1		I
68	SDQ12	I/O		Video memory data bus	156	DGI2		I
69	V <sub>DD</sub>	-	Digital power supply +3.3 V	157	DGI3	I	Digital power supply +3.3 V	
70	SDQ4	I/O	Video memory data bus	158	V <sub>DD</sub>	-		
71	SDQ11	I/O		159	DGI4	I		
72	SDQ5	I/O		160	V <sub>SS</sub>	-		Digital ground
73	SDQ10	I/O		Digital ground	161	DGI5	I	Digital G signal input
74	V <sub>SS</sub>	-	Video memory data bus	162	DBI0	I	Digital B signal input	
75	SDQ6	I/O		163	DBI1	I		
76	SDQ9	I/O		164	DBI2	I		
77	SDQ7	I/O		165	DBI3	I		
78	SDQ8	I/O	Digital power supply +3.3 V	166	DBI4	I	Horizontal synchronized signal input	
79	V <sub>DD</sub>	-		Digital power supply +3.3 V	167	DBI5		I
80	LDQM	O		Video memory data mask output	168	HSIN_N		I
81	V <sub>SS</sub>	-		Digital ground	169	VSIN_N		I
82	WE_N	O	Video memory write enable	170	V <sub>DD</sub>	-	Digital power supply +3.3 V	
83	UDQM	O	Video memory data mask output	171	V <sub>SS</sub>	-	Digital ground	
84	CAS_N	O	Video memory column address strobe output	172	GCK1IN	I	Dot clock input 1	
85	SDCKOUT	O	Video memory clock output	173	SYCKIN	I	System clock input	
86	RAS_N	O	Video memory low address strobe output	174	PLL <sub>VDD</sub>	-	PLL analog power supply +3.3 V	
87	V <sub>SS</sub>	-	Digital ground	175	PLL <sub>VSS</sub>	-	PLL analog ground	
88	SCS_N	O	Video memory chip enable	176	FILTER	-	Filter connect pin for PLL	

• **TMS320DA150PGE16D (X3803A00) DSP (Digital Signal Processor) (PSR-S910)**

DMH: IC701

PIN NO.	NAME	I/O	FUNCTION	PIN NO.	NAME	I/O	FUNCTION
1	CVss	–	Ground	73	BFSX1	I/O	Frame synchronization pulse for transmit input/output.
2	A22	I/O	Address bus	74	BDX1	O	Serial data transmit output.
3	CVss	–	Ground	75	DVdd	–	Power supply +3.3 V
4	DVdd	–	Power supply +3.3 V	76	DVss	–	Ground
5	A10	I/O	Address bus	77	CLKMD1	I	} Clock mode select signals.
6	HD7	I/O	Bidirectional data bus	78	CLKMD2	I	
7	A11	I/O	} Address bus	79	CLKMD3	I	
8	A12	I/O		80	HPI16	I	HPI16 mode selection
9	A13	I/O		81	HD2	I/O	Bidirectional data bus
10	A14	I/O		82	TOUT	O	Timer output.
11	A15	I/O		83	EMU0	I/O	Emulator 0 pin.
12	CVdd	–	Power supply +1.6 V	84	EMU1/0FF	I/O	Emulator 1 pin/disable all outputs.
13	HAS	I	Address strobe.	85	TDO	O	IEEE standard 1149.1 test data output.
14	DVss	–	Ground	86	TDI	I	IEEE standard 1149.1 test data input.
15	CVss	–	Ground	87	TRST	I	IEEE standard 1149.1 test reset.
16	CVdd	–	Power supply +1.6 V	88	TCK	I	IEEE standard 1149.1 test clock.
17	HCS	I	Chip select.	89	TMS	I	IEEE standard 1149.1 test mode select.
18	HR/W	I	Read/write.	90	CVss	–	Ground
19	READY	I	Data ready.	91	CVdd	–	Power supply +1.6 V
20	PS	O	} Data, program, and I/O space select signals.	92	HPIENA	I	HPI module select.
21	DS	O		93	DVss	–	Ground
22	IS	O		94	CLKOUT	O	Clock output signal.
23	R/W	O		95	HD3	I/O	Bidirectional data bus
24	MSTRB	O	Read/write signal.	96	X1	O	Output pin from an internal oscillator for the crystal.
25	IOSTRB	O	Memory strobe signal.	97	X2/CLKIN	I	Clock/oscillator input.
26	MSC	O	I/O strobe signal.	98	RS	I	Reset.
27	XF	O	Microstate complete.	99	D0	I/O	} Data bus
28	HOLDA	O	External flag output (latched software-programmable signal).	100	D1	I/O	
29	IAQ	O	Hold acknowledge.	101	D2	I/O	
30	HOLD	I	Instruction acquisition signal.	102	D3	I/O	
31	BIO	I	Hold input.	103	D4	I/O	} Address bus
32	MP/MC	I	Branch control.	104	D5	I/O	
33	DVdd	–	Microprocessor/microcomputer mode select.	105	A16	I/O	
34	CVss	–	Power supply +3.3 V	106	DVss	–	Ground
35	BDR1	I	Ground	107	A17	I/O	} Address bus
36	BFSR1	I/O	Serial data receive input	108	A18	I/O	
37	CVss	–	Frame synchronization pulse for receive input.	109	A19	I/O	
38	BCLKR1	I/O	Ground	110	A20	I/O	} Ground
39	HCNTL0	I	Receive clock input.	111	CVss	–	
40	DVss	–	Control inputs.	112	DVdd	–	
41	BCLKR0	I/O	Ground	113	D6	I/O	} Data bus
42	BCLKR2	I/O	Receive clock input.	114	D7	I/O	
43	BFSR0	I/O	} Frame synchronization pulse for receive input.	115	D8	I/O	
44	BFSR2	I/O		116	D9	I/O	
45	BDR0	I	Serial data receive input	117	D10	I/O	} Data bus
46	HCNTL1	I	Control inputs.	118	D11	I/O	
47	BDR2	I	Serial data receive input	119	D12	I/O	
48	BCLKX0	I/O	} Transmit clock.	120	HD14	I/O	Bidirectional data bus
49	BCLKX2	I/O		121	D13	I/O	} Data bus
50	CVss	–	Ground	122	D14	I/O	
51	HINT	O	Interrupt output.	123	D15	I/O	
52	CVdd	–	Power supply +1.6 V	124	HD5	I/O	
53	BFSX0	I/O	} Frame synchronization pulse for transmit input/output.	125	CVdd	–	Power supply +1.6 V
54	BFSX2	I/O		126	CVss	–	Ground
55	HRDY	O	Ready output.	127	HDS1	I	Data strobe.
56	DVdd	–	Power supply +3.3 V	128	DVss	–	Ground
57	DVss	–	Ground	129	HDS2	I	Data strobe.
58	HD0	I/O	Bidirectional data bus	130	DVdd	–	Power supply +3.3 V
59	BDX0	O	} Serial data transmit output.	131	A0	I/O	} Address bus
60	BDX2	O		132	A1	I/O	
61	IACK	O	Interrupt acknowledge signal.	133	A2	I/O	
62	HBIL	I	Byte identification.	134	A3	I/O	} Bidirectional data bus
63	NMI	I	Nonmaskable interrupt.	135	HD6	I/O	
64	INT0	I	} External user interrupt inputs.	136	A4	I/O	
65	INT1	I		137	A5	I/O	
66	INT2	I		138	A6	I/O	} Address bus
67	INT3	I		139	A7	I/O	
68	CVdd	–	Power supply +1.6 V	140	A8	I/O	} Power supply +1.6 V
69	HD1	I/O	Bidirectional data bus	141	A9	I/O	
70	CVss	–	Ground	142	CVdd	–	
71	BCLKX1	I/O	Transmit clock.	143	A21	I/O	Address bus
72	DVss	–	Ground	144	DVss	–	Ground

**● AK5381VT-E2 (X5219A0R) ADC (Analog to Digital Converter) (PSR-S910)**

DMH: IC404

PIN NO.	NAME	I/O	FUNCTION	PIN NO.	NAME	I/O	FUNCTION
1	AINR	I	Rch Analog input pin	9	SDTO	O	Audio serial data output pin
2	AINL	I	Lch Analog input pin	10	LRCK	I/O	Output channel clock pin
3	CKS1	I	Mode select 1 pin	11	MCLK	I	Master clock input pin
4	VCOM	O	Common voltage output pin	12	SCLK	I/O	Audio serial data clock pin
5	AGND	-	Analog ground	13	PDN	I	Power down mode pin
6	VA	-	Analog power supply	14	DIF	I	Audio interface format pin
7	VD	-	Digital power supply	15	CKS2	I	Mode select 2 pin
8	DGND	-	Digital ground	16	CKS0	I	Mode select 0 pin

**● S1L5053F21Y000 (X4195A0R) GATE ARRAY (PSR-S910)**

DMH: IC201

PIN NO.	NAME	I/O	FUNCTION	PIN NO.	NAME	I/O	FUNCTION
1	CLKI	I	} Clock	41	V <sub>DD</sub>	-	Power supply
2	CLKO	O		42	RESET	I	Reset
3	V <sub>DD</sub>	-	Power supply	43	V <sub>SS</sub>	-	Ground
4	SCANENB	I/O	Scan enable	44	OUT4	O	} Output
5	ATPGENB	I/O		45	OUT3	O	
6	V <sub>SS</sub>	-	Ground	46	INP2	I	} Input
7	PLLTEST	I	Test	47	INP1	I	
8	PLLRES	I	Reset	48	INP0	I	
9	PLL <sub>VSS</sub>	-	Ground	49	TESTENB	I/O	Test enable
10	MV <sub>DD</sub>	-	Power supply	50	V <sub>SS</sub>	-	Ground
11	PLL <sub>VSS</sub>	-	Ground	51	OSCO	-	
12	AV <sub>DD</sub>	-	Analog power supply	52	V <sub>DD</sub>	-	Power supply
13	CHG0	-		53	OSCI	-	
14	LPV <sub>SS</sub>	-	} Ground	54	V <sub>SS</sub>	-	Ground
15	V <sub>SS</sub>	-		55	SIRQ	I/O	Interrupt request
16	MIRQ	I/O	Interrupt request	56	SCS	I	Control port
17	MCS	I	Control port	57	SWR	I	Write
18	MWR	I	Write	58	SRD	I	Read
19	MRD	I	Read	59	SA	-	
20	MA	-		60	V <sub>SS</sub>	-	Ground
21	V <sub>DD</sub>	-	Power supply	61	V <sub>DD</sub>	-	Power supply
22	MD0	I/O	} DRAM data bus	62	SD0	I/O	} Serial data
23	MD1	I/O					
24	MD2	I/O					
25	MD3	I/O					
26	MD4	I/O					
27	MD5	I/O					
28	MD6	I/O					
29	MD7	I/O					
30	V <sub>SS</sub>	-	Ground	70	V <sub>SS</sub>	-	Ground
31	MD8	I/O	DRAM data bus	71	SD8	I/O	Serial data
32	V <sub>DD</sub>	-	Power supply	72	V <sub>DD</sub>	-	Power supply
33	MD9	I/O	} DRAM data bus	73	SD9	I/O	} Serial data
34	MD10	I/O					
35	MD11	I/O					
36	MD12	I/O					
37	MD13	I/O					
38	MD14	I/O					
39	MD15	I/O					
40	V <sub>SS</sub>	-	Ground	80	V <sub>SS</sub>	-	Ground

### ● DM9000AEP (X7029A00) LAN CONTROLLER

DML: IC500 (PSR-S710)  
DMH: IC800 (PSR-S910)

PIN NO.	NAME	I/O	FUNCTION	PIN NO.	NAME	I/O	FUNCTION
1	BGRES	I/O	Bandgap pin	25	SD13	I/O	} Processor data bus
2	RXVDD25	-	Power output +2.5 V	26	SD12	I/O	
3	RX+	I/O	} TP RX input	27	SD11	I/O	
4	RX-	I/O					
5	RXGND	-	RX ground	28	SD10	I/O	
6	TXGND	-	TX ground	29	SD9	I/O	} Digital power supply +3.3 V
7	TX+	I/O	} TP TX output	30	VDD	-	
8	TX-	I/O					
9	TXVDD25	-	Power output +2.5 V	31	SD8	I/O	Processor data bus
10	SD7	I/O	} Processor data bus	32	CMD	I	Command type
11	SD6	I/O					
12	SD5	I/O					
13	SD4	I/O					
14	SD3	I/O	} Digital ground	33	GND	-	Digital ground
15	GND	-					
16	SD2	I/O	} Processor data bus	34	INT	O	Interrupt request
17	SD1	I/O					
18	SD0	I/O					
19	EEDIO	I/O	IO data to EEPROM	35	IOR	I	Processor read command
20	EECK	O	Clock to EEPROM	36	IOW	I	Processor write command
21	EECS	O	Chip select to EEPROM	37	CS	I	Chip select
22	SD15	I/O	Processor data bus	38	LED2	O	Link/Active LED
23	VDD	-	Digital power supply +3.3 V	39	LED1	O	Speed LED
24	SD14	I/O	Processor data bus	40	PWRST	I	Power on reset
				41	TEST	I	Operation mode
				42	VDD	-	Digital power supply +3.3 V
				43	X2	O	Crystal 25 MHz out
				44	X1	I	Crystal 25 MHz in
				45	GND	-	Digital ground
				46	SD	I	Fiber-optic signal detect
				47	RXGND	-	RX ground
				48	BGGND	-	Bandgap ground

### ● M38044M4-C16FPU0 (X4406101) LED DRIVER/SWITCH SCAN

EIF: IC201

PIN NO.	NAME	I/O	FUNCTION	PIN NO.	NAME	I/O	FUNCTION
1	P62/AN2	I/O	} Port6 / A-D converter input	33	P17	I/O	} Port1
2	P61/AN1	I/O					
3	P60/AN0	I/O					
4	P57/INT3	I/O	Port5 / Interrupt input	34	P16	I/O	
5	P56/PWM	I/O	Port5 / PWM output	35	P15	I/O	
6	P55/CNTR1	I/O	Port5 / Timer Y	36	P14	I/O	
7	P54/CNTR0	I/O	Port5 / Timer X	37	P13	I/O	
8	P53/SRDY2	I/O	Port5 / Serial ready	38	P12	I/O	
9	P52/SCLK2	I/O	Port5 / Serial clock	39	P11/INT01	I/O	} Port1 / Interrupt input
10	P51/SOUT2	I/O	Port5 / Serial output	40	P10/INT41	I/O	
11	P50/SIN2	I/O	Port5 / Serial input	41	P07/AN15	I/O	} Port0 / A-D converter input
12	P47/SRDY1/CNTR2	I/O	Port4 / Serial ready / Timer Z	42	P06/AN14	I/O	
13	P46/SCLK1	I/O	Port4 / Serial clock	43	P05/AN13	I/O	
14	P45/TxD1	I/O	Port4 / Transmit data	44	P04/AN12	I/O	
15	P44/RxD1	I/O	Port4 / Receive data	45	P03/AN11	I/O	
16	P43/INT2	I/O	} Port4 / Interrupt input	46	P02/AN10	I/O	
17	P42/INT1	I/O					
18	CNVSS	I	Ground	47	P01/AN9	I/O	} Port3 / Serial ready
19	RESET	I	Reset input	48	P00/AN8	I/O	
20	P41/INT00/XCIN	I/O	Port4 / Interrupt input / Sub-clock generating input	49	P37/SRDY3	I/O	
21	P40/INT40/XCOUT	I/O	Port4 / Interrupt input / Sub-clock generating output	50	P36/SCLK3	I/O	Port3 / Serial clock
22	XIN	I	Clock input	51	P35/TxD3	I/O	Port3 / Transmit data
23	XOUT	O	Clock output	52	P34/RxD3	I/O	Port3 / Receive data
24	VSS	-	Ground	53	P33/SCL	I/O	Port3 / Serial clock
25	P27(LED7)	I/O	} Port2	54	P32/SDA	I/O	Port3 / Serial data
26	P26(LED6)	I/O					
27	P25(LED5)	I/O					
28	P24(LED4)	I/O					
29	P23(LED3)	I/O					
30	P22(LED2)	I/O					
31	P21(LED1)	I/O	} Port6 / A-D converter input	55	P31/DA2	I/O	Port3 / D-A converter output
32	P20(LED0)	I/O					
				56	P30/DA1	I/O	} Power supply +5V
				57	VCC	-	
				58	VREF	I	
				59	AVSS	I	Analog ground
				60	P67/AN7	I/O	} Port6 / A-D converter input
				61	P66/AN6	I/O	
				62	P65/AN5	I/O	
				63	P64/AN4	I/O	
				64	P63/AN3	I/O	

**• SN75LVDS86ADGGR (X6818A00) LVDS RECEIVER (PSR-S910)**

LVDS: IC901

PIN NO.	NAME	I/O	FUNCTION	PIN NO.	NAME	I/O	FUNCTION
1	D17	I/O	} Data bus	25	GND	-	Ground
2	D18	I/O		26	D1	I/O	} Data bus
3	GND	-		27	D2	I/O	
4	D19	I/O	} Data bus	28	V <sub>cc</sub>	-	Power supply
5	D20	I/O		29	D3	I/O	
6	NC	-	Not used	30	D4	I/O	} Data bus
7	LVDSGND	-	Ground	31	D5	I/O	
8	A0M	I/O	} Serialization signals for D0 through D6	32	GND	-	Ground
9	A0P	I/O		33	D6	I/O	
10	A1M	I/O		} Serialization signals for D7 through D13	34	D7	I/O
11	A1P	I/O	35		D8	I/O	
12	LVDSV <sub>cc</sub>	-	Power supply		36	V <sub>cc</sub>	-
13	LVDSGND	-	Ground	37	D9	I/O	Data bus
14	A2M	I/O	} Serialization signals for D14 through D20	38	GND	-	
15	A2P	I/O		39	D10	I/O	
16	CLKINM	I		} Serialization signals for clock signal	40	D11	I/O
17	CLKINP	I	41		D12	I/O	
18	LVDSGND	-	Ground		42	V <sub>cc</sub>	-
19	PLL <sub>GND</sub>	-	Ground	43	D13	I/O	Data bus
20	PLL <sub>V<sub>cc</sub></sub>	-	Power supply	44	GND	-	
21	PLL <sub>GND</sub>	-	Ground	45	D14	I/O	} Data bus
22	SHTDN	I/O	Output control signals for clock and data bus	46	D15	I/O	
23	CLKOUT	O	Clock output	47	D16	I/O	
24	D0	I/O	Data bus	48	V <sub>cc</sub>	-	Power supply

**• SN75LVDS84ADGGR (X4212A0R) LVDS TRANSMITTERS (PSR-S910)**

DMH: IC29

PIN NO.	NAME	I/O	FUNCTION	PIN NO.	NAME	I/O	FUNCTION
1	D4	I/O	Data bus	25	D20	I/O	Data bus
2	V <sub>cc</sub>	-	Power supply	26	CLKIN	I	Input clock for CLKIN MIDI
3	D5	I/O	} Data bus	27	SHTDN	I	
4	D6	I/O		28	PLL <sub>GND</sub>	-	Ground
5	GND	-	Ground	29	PLL <sub>V<sub>cc</sub></sub>	-	Power supply
6	D7	I/O	} Data bus	30	PLL <sub>GND</sub>	-	} Ground
7	D8	I/O		31	LVDSGND	-	
8	V <sub>cc</sub>	-	Power supply	32	CLKOUTP	O	} Clock output
9	D9	I/O	} Data bus	33	CLKOUTM	O	
10	D10	I/O		34	Y2P		
11	GND	-	Ground	35	Y2M		
12	D11	I/O	} Data bus	36	LVDSGND	-	Ground
13	D12	I/O		37	LVDSV <sub>cc</sub>	-	Power supply
14	NC	-	Not used	38	Y1P		
15	D13	I/O	} Data bus	39	Y1M		
16	D14	I/O		40	Y0P		
17	GND	-	Ground	41	Y0M		
18	D15	I/O	} Data bus	42	LVDSGND	-	Ground
19	D16	I/O		43	NC		Not used
20	D17	I/O	} Data bus	44	D0	I/O	} Data bus
21	V <sub>cc</sub>	-		Power supply	45	D1	
22	D18	I/O	} Data bus	46	GND	-	Ground
23	D19	I/O		47	D2	I/O	} Data bus
24	GND	-	Ground	48	D3	I/O	

**• AK4385ET (X6040A01) DAC (Digital to Analog Converter) (PSR-S710)**

DML: IC401

PIN NO.	NAME	I/O	FUNCTION	PIN NO.	NAME	I/O	FUNCTION
1	MCLK	I	Master Clock	9	AOUTR-	O	Rch Analog out(-)
2	BICK	I	Audio Serial Data Clock	10	AOUTR+	O	Rch Analog out(+)
3	SDTI	I	Audio Serial Data Input	11	AOUTL-	O	Lch Analog out(-)
4	LRCK	I	L/R Clock	12	AOUTL+	O	Lch Analog out(+)
5	PDN	I	Power Down mode	13	V <sub>ss</sub>	-	Ground
6	CSN	I	Chip Select	14	VDD	-	Power Supply
7	CCLK	I	Control Data Input	15	DZFR	O	Rch Data Zero Input Detect
8	CDTI	I	Control Data Input	16	DZFL	O	Lch Data Zero Input Detect



**● AK4396VF-E2 (X8324A00) DAC (Digital to Analog Converter) (PSR-S910)**

DMH: IC400

PIN NO.	NAME	I/O	FUNCTION	PIN NO.	NAME	I/O	FUNCTION
1	DVss	-	Digital ground	15	TTL	I	CMOS/TTL level select
2	DVdd	-	Digital power supply +3.3 V	16	VREFL	I	Low level voltage reference input
3	MCLK	I	Master clock input	17	VREFH	I	High level voltage reference input
4	PDN	I	Power-down mode	18	AVdd	-	Analog power supply +5 V
5	BICK	I	Audio serial data clock	19	AVss	-	Analog ground
6	SDATA	I	Audio serial data input	20	AOUTR-	O	Rch negative analog output
7	LRCK	I	L/R clock	21	AOUTR+	O	Rch positive analog output
8	SMUTE/CSN	I	Soft mute/Chip select	22	AOUTL-	O	Lch negative analog output
9	DFS0/CAD0	I	Sampling speed mode select/Chip address 0	23	AOUTL+	O	Lch positive analog output
10	DEMO/CCLK	I	De-emphasis enable 0/Control data clock	24	VCOM	O	Common voltage output
11	DEM1/CDT1	I	De-emphasis enable 1/Control data input	25	P/S	I	Parallel/serial select
12	DIF0	I	Digital input format	26	TST1/DZFL	O	Test 1/Lch zero input detect
13	DIF1	I		27	TST2/CAD1	I	Test 2/Chip address 1
14	DIF2	I		28	ACKS/DZFR	I/O	Master clock auto setting mode/Rch zero input detect

**● MB3516APF-G-BND-EF (X2314A00) RGB ENCODER (PSR-S910)**

DMH: IC606

PIN NO.	NAME	I/O	FUNCTION	PIN NO.	NAME	I/O	FUNCTION
1	GND1	-	Ground	13	N.C.	-	Not used
2	R-IN	I	Analog R signal input	14	N.C.	-	Not used
3	G-IN	I	Analog G signal input	15	CROMA-OUT	O	Chrominance signal output
4	B-IN	I	Analog B signal input	16	Y-OUT	O	Y-signal output
5	N.C.	-	Not used	17	Y-TRAP	-	Luminance signal band control
6	fsc-IN	I	Subcarrier input	18	N.C.	-	Not used
7	NTSC/PAL-IN	I	NTSC/PAL selector	19	Vcc2	-	Power supply +5 V
8	N.C.	-	Not used	20	VIDEO-OUT	O	Composite video signal output
9	N.C.	-	Not used	21	B-OUT	O	Analog B signal output
10	CSYNC-IN	I	Composite sync signal input	22	G-OUT	O	Analog G signal output
11	N.C.	-	Not used	23	R-OUT	O	Analog R signal output
12	Vcc1	-	Power supply +5 V	24	GND2	-	Ground

**● MPD6S004S (X4404A01) DC-DC CONVERTER**

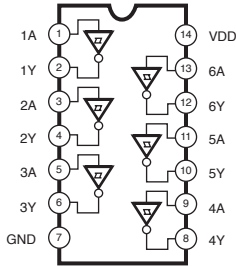
AM: IC095

PIN NO.	NAME	I/O	FUNCTION	PIN NO.	NAME	I/O	FUNCTION
1	VIN	I	Input voltage	17	GND	-	Ground
2	VIN	I		18	GND	-	
3	VIN	I		19	GND	-	
4	GND	-	Ground	20	VOUT5	O	Output voltage +5V
5	GND	-		21	VOUT5	O	
6	GND	-		22	VOUT5	O	
7	GND	-		23	VOUT5	O	
8	VOUT33	O	Output voltage +3.3V	24	VOUT5	O	
9	VOUT33	O		25	GND	-	Ground
10	VOUT33	O		26	GND	-	
11	VOUT33	O		27	GND	-	
12	VOUT33	O	Ground	28	GND	-	
13	No. pin	-		29	VIN	I	
14	GND	-		30	VIN	I	
15	GND	-		31	VIN	I	
16	GND	-					

# IC BLOCK DIAGRAM

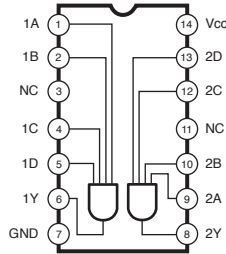
● **SN74LV14PWR (X6688A0R)**

DML: IC1, IC7 (PSR-S710)  
 DMH: IC1, IC7 (PSR-S910)  
 Hex Inverter



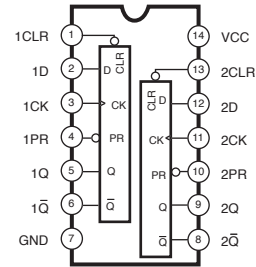
● **TC74VHC21FT (EL) (X5542A00)**

DML: IC9 (PSR-S710)  
 DMH: IC11 (PSR-S910)  
 Dual 4 Input AND



● **TC74ACT74FT(EL) (X6536A0R)**

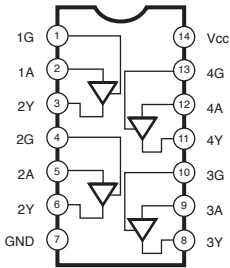
DMH: IC604 (PSR-S910)  
 Dual D-Type Flip-Flop



INPUTS				OUTPUTS	
PR	CLR	CLK	D	Q	Q-dot
L	H	X	X	H	L
H	L	X	X	L	H
L	L	X	X	H	H
H	H	f	H	H	L
H	H	f	L	L	H
H	H	L	X	Q-dot	Q-dot

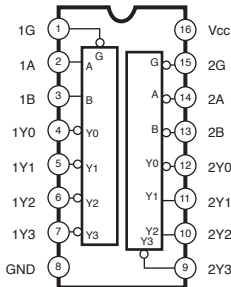
● **SN74LV126APWR (X3865A0R)**

DML: IC21 (PSR-S710)  
 DMH: IC31 (PSR-S910)  
 Bus Buffer



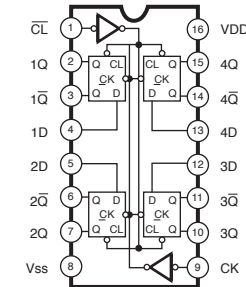
● **TC74VHC139FT (EL) (XV893A0R)**

DML: IC16 (PSR-S710)  
 DMH: IC19 (PSR-S910)  
 Dual 2 to 4 Demultiplexer



● **SN74LV175APWR (X5535A00)**

DML: IC11, IC307 (PSR-S710)  
 DMH: IC305 (PSR-S910)  
 Quad D-Type Flip-Flop



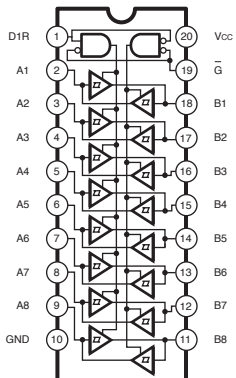
● **SN74LVC245APWR (XZ287A0R)**

DML: IC12-15, IC17, IC18 (PSR-S710)

● **SN74LV245APWR (X3693A0R)**

DMH: IC15-18, IC20-23 (PSR-S910)

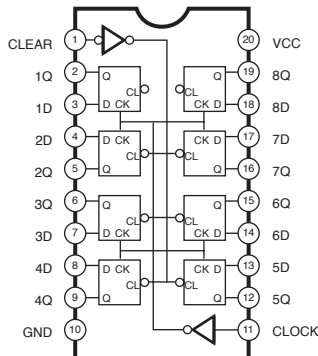
Octal 3-State Bus Transceiver



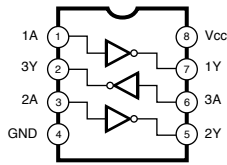
● **TC74VHC273FT (X7942B00)**

DMH: IC14 (PSR-S910)

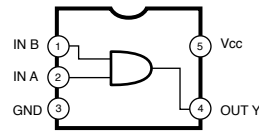
Octal D-Type Flip-Flop



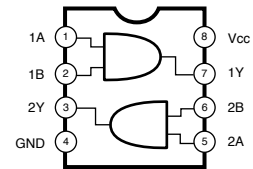
- **TC7WHU04FU (X4063A00)**  
 DMH: IC600–602 (PSR-S910)  
 Triple Inverter



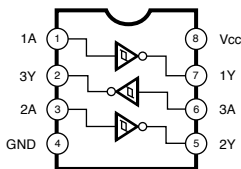
- **TC7SH08FU (XR680A00)**  
 DML: IC308 (PSR-S710)  
 DMH: IC10, IC28, IC307 (PSR-S910)  
 2 Input AND Gate



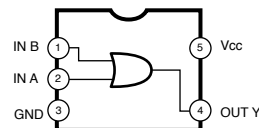
- **TC7WH08FK (TE85L,F) (X8382A00)**  
 DMH: IC12 (PSR-S910)  
 Dual 2 Input AND Gate



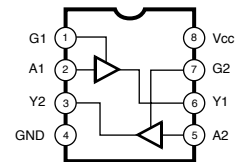
- **TC7WH14FU (TE12L) (XY806A0R)**  
 DML: IC306 (PSR-S710)  
 DMH: IC304 (PSR-S910)  
 Triple Inverter



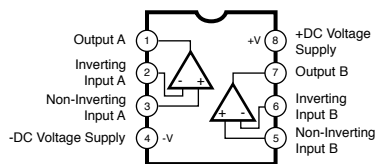
- **TC7SET32FU (XW814A0R)**  
 DML: IC301 (PSR-S710)  
 DMH: IC8 (PSR-S910)
- **TC7SH32FU (XW633A0R)**  
 DML: IC8 (PSR-S710)  
 DMH: IC9, IC702 (PSR-S910)  
 2-Input OR Gate



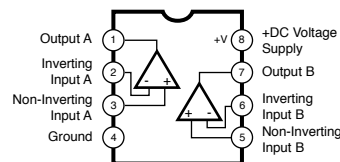
- **TC7WT126FU (X7703A00)**  
 DMH: IC605 (PSR-S910)  
 Dual Bus Buffer



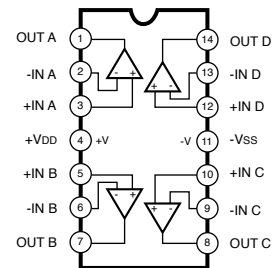
- **NJM4556AM-TE1 (X5049A0R)**  
 AM: IC048  
 Dual Operational Amplifier



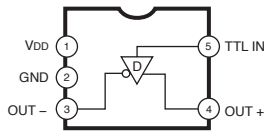
- **NE5532DR (X5482A00)**  
 AM: IC013, IC050, IC055, IC093  
 AM: IC064 (PSR-S910)  
 DML: IC403, IC405 (PSR-S710)  
 DMH: IC407, IC410, IC411 (PSR-S910)  
 Dual Operational Amplifier



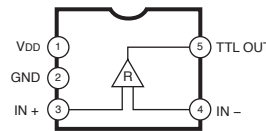
- **μPC4574G2-E1-A (X7391A00)**  
 AM: IC021, IC022, IC031, IC032, IC043  
 Quad Operational Amplifier



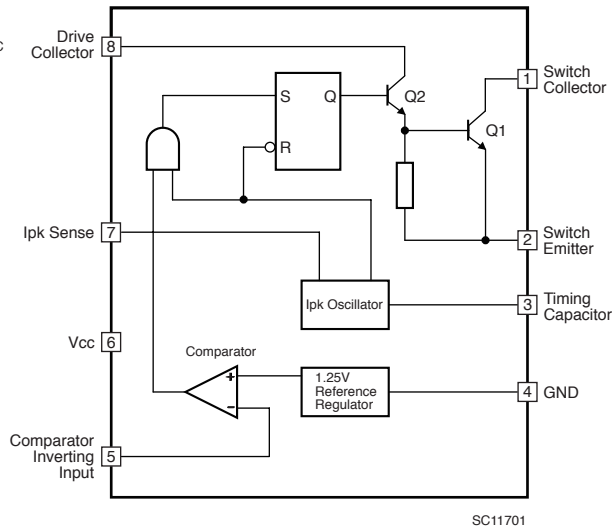
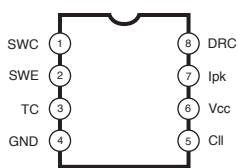
- **DS90LV011ATMF (X6788A0R)**  
 DML: IC23 (PSR-S710)  
 3V LVDS Single High Speed Differential Driver



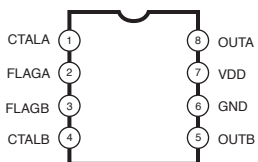
- **DS90LV012ATMF (X6789A0R)**  
 EIF: IC204 (PSR-S710)  
 3V LVDS Single CMOS Differential Line Receiver



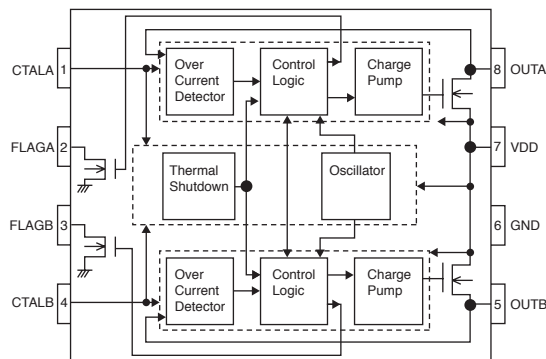
- **MC34063EBD-TR (X7371A00)**  
 EIF: IC202 (PSR-S910)  
 DC-DC Converter Control Circuit



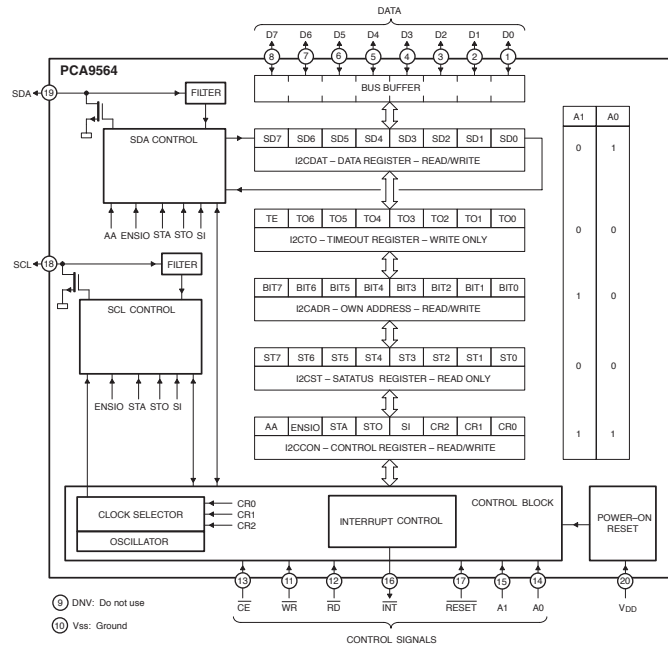
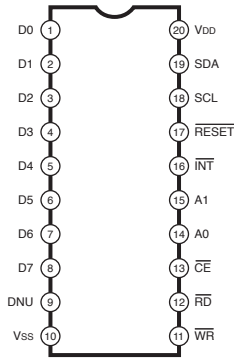
- **BD6516F-E2 (X7950A00)**  
 DML: IC22 (PSR-S710)  
 DMH: IC33 (PSR-S910)  
 High Side Switch



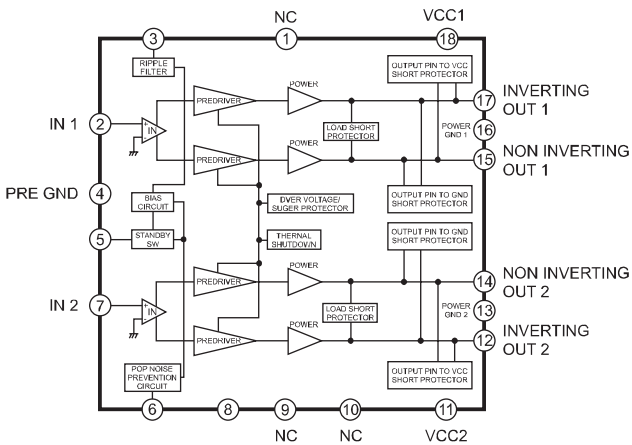
Pin No.	Pin Name	Pin Function
1	CTRLA CTRLB	Control input
2	FLAGA FLAGB	Error flag output
5	OUTB OUTA	Switch output
6	GND	Ground
7	VDD	Switch input



● **PCA9564PW** (X6155A0R)  
 DMH: IC27 (PSR-S910)  
 Parallel bus to I<sup>2</sup>C-bus controller



● **LA4705NA-E** (XQ619A00)  
 AM: IC051  
 Power Amplifier

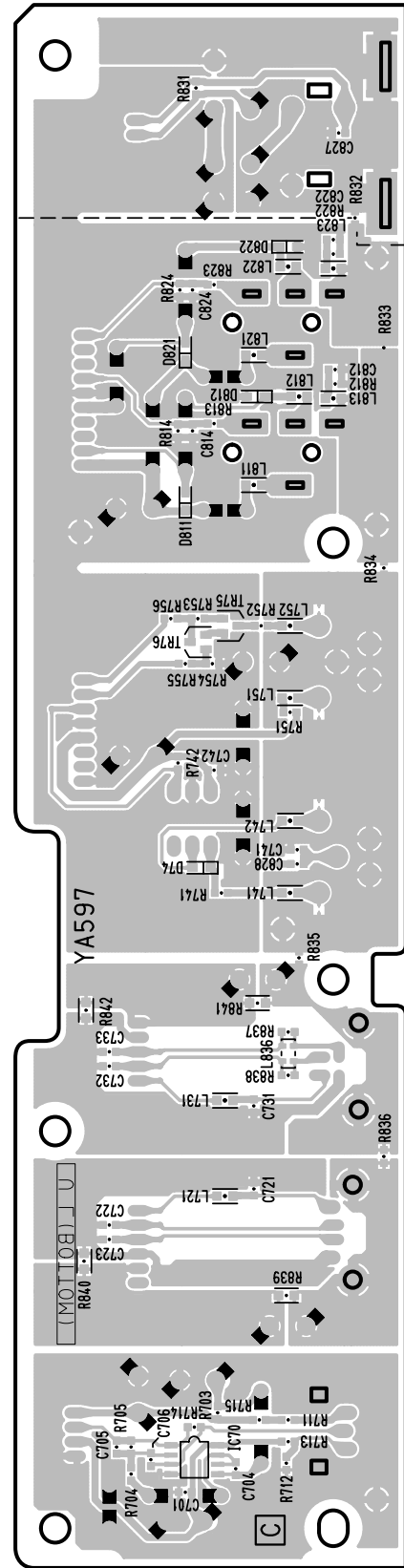
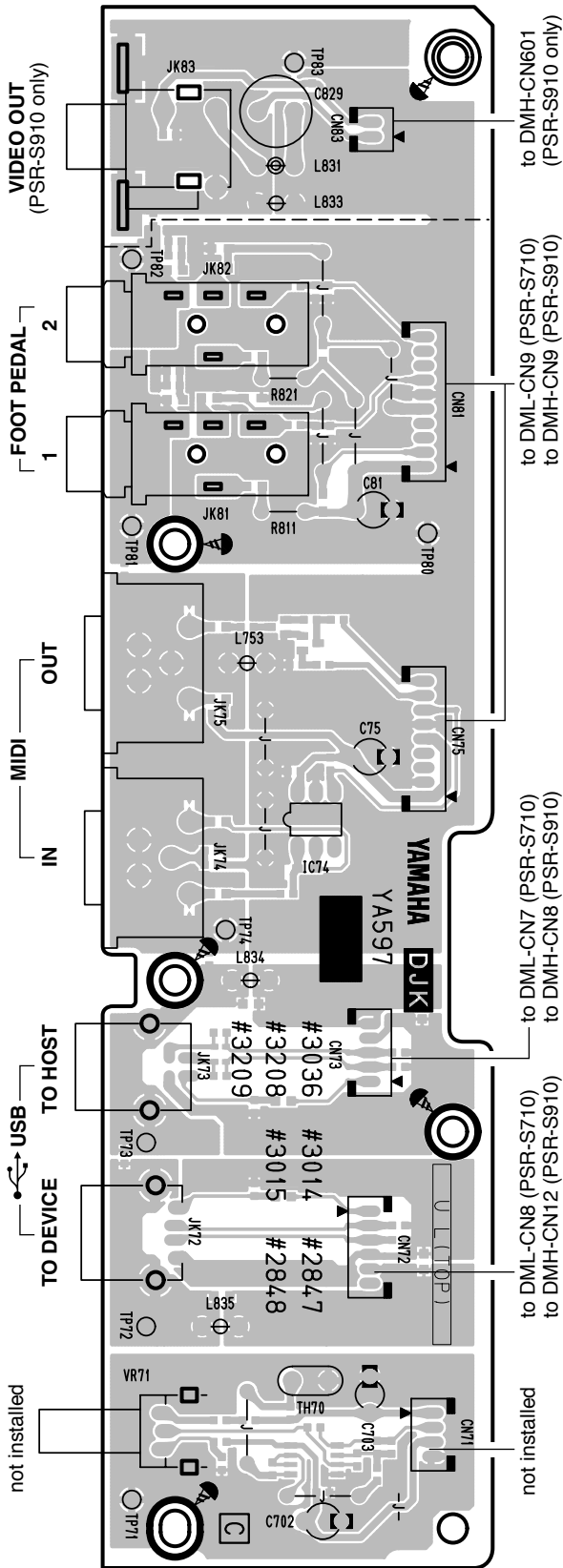


## ■ CIRCUIT BOARDS

<b>AM Circuit Board (YA597C0)</b> .....	40/41
<b>BL Circuit Board (YA394C0) (PSR-S710)</b> .....	48/49
<b>DJK Circuit Board (YA597C0)</b> .....	39
<b>DML Circuit Board (YA298D0) (PSR-S710)</b> .....	42/43
<b>DMH Circuit Board (YA175E0) (PSR-S910)</b> .....	44/45
<b>EIF Circuit Board (YA394C0)</b> .....	46
<b>ENC Circuit Board (YA394C0)</b> .....	53
<b>EMKS61A Circuit Board (X6637C0)</b> .....	58/59
<b>HP Circuit Board (YA597C0)</b> .....	47
<b>LANL Circuit Board (YA394C0)</b> .....	53
<b>LVDS Circuit Board (YA394C0) (PSR-S910)</b> .....	50/51
<b>MK-H Circuit Board (XR565C0)</b> .....	59
<b>MK-L Circuit Board (XR564C0)</b> .....	58
<b>MOD Circuit Board (YA394C0)</b> .....	53
<b>PB Circuit Board (YA394C0)</b> .....	53
<b>PNCA Circuit Board (YA394C0)</b> .....	48/50
<b>PNCB Circuit Board (YA394C0)</b> .....	52
<b>PNL Circuit Board (X8086D0)</b> .....	54
<b>PNR Circuit Board (X8086D0)</b> .....	56
<b>SW Circuit Board (YA597C0)</b> .....	47
<b>VR Circuit Board (YA597C0)</b> .....	47

**Note: See parts list for details of circuit board component parts.**

● DJK Circuit Board

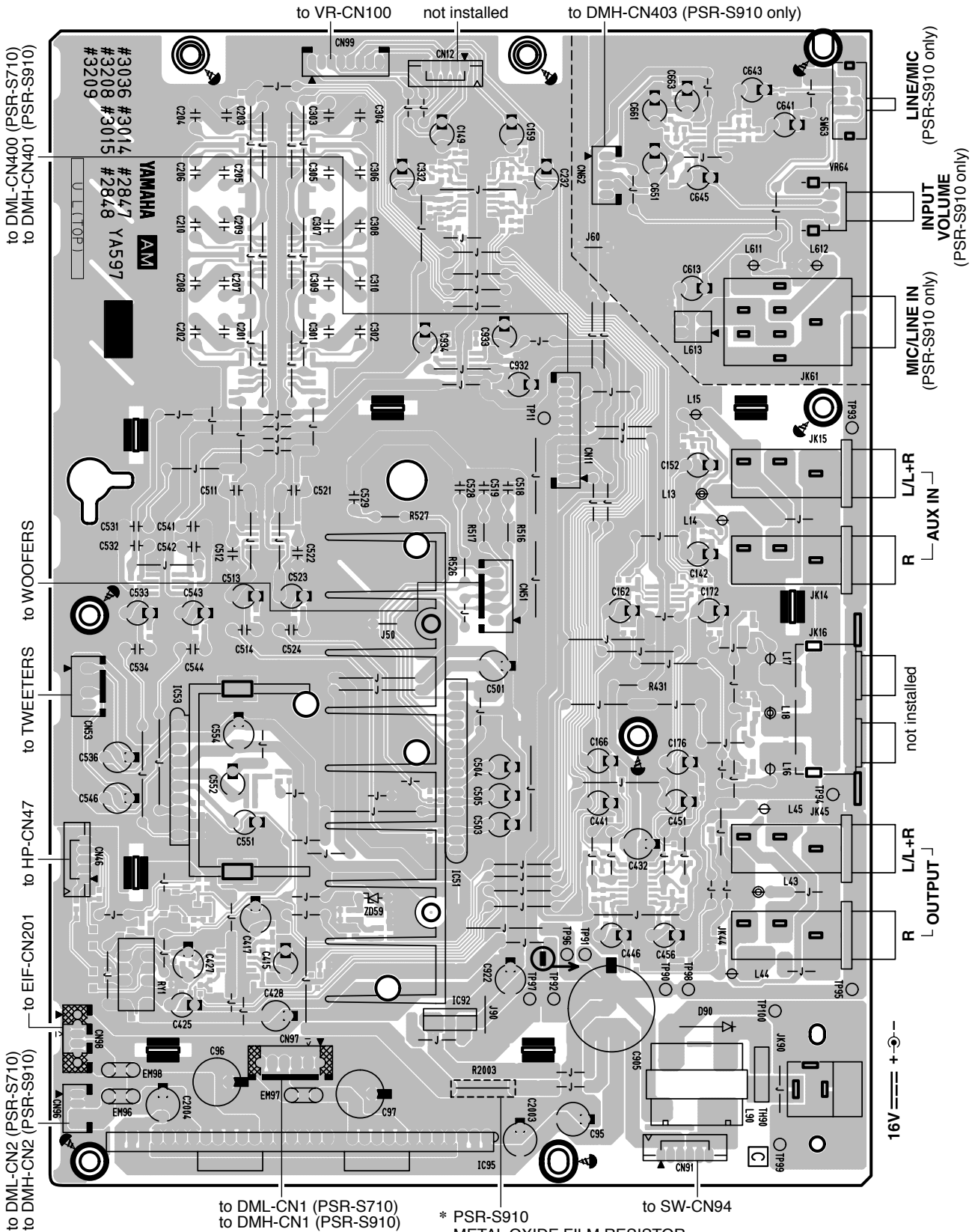


Component side

Pattern side

● AM Circuit Board

Scale: 85/100



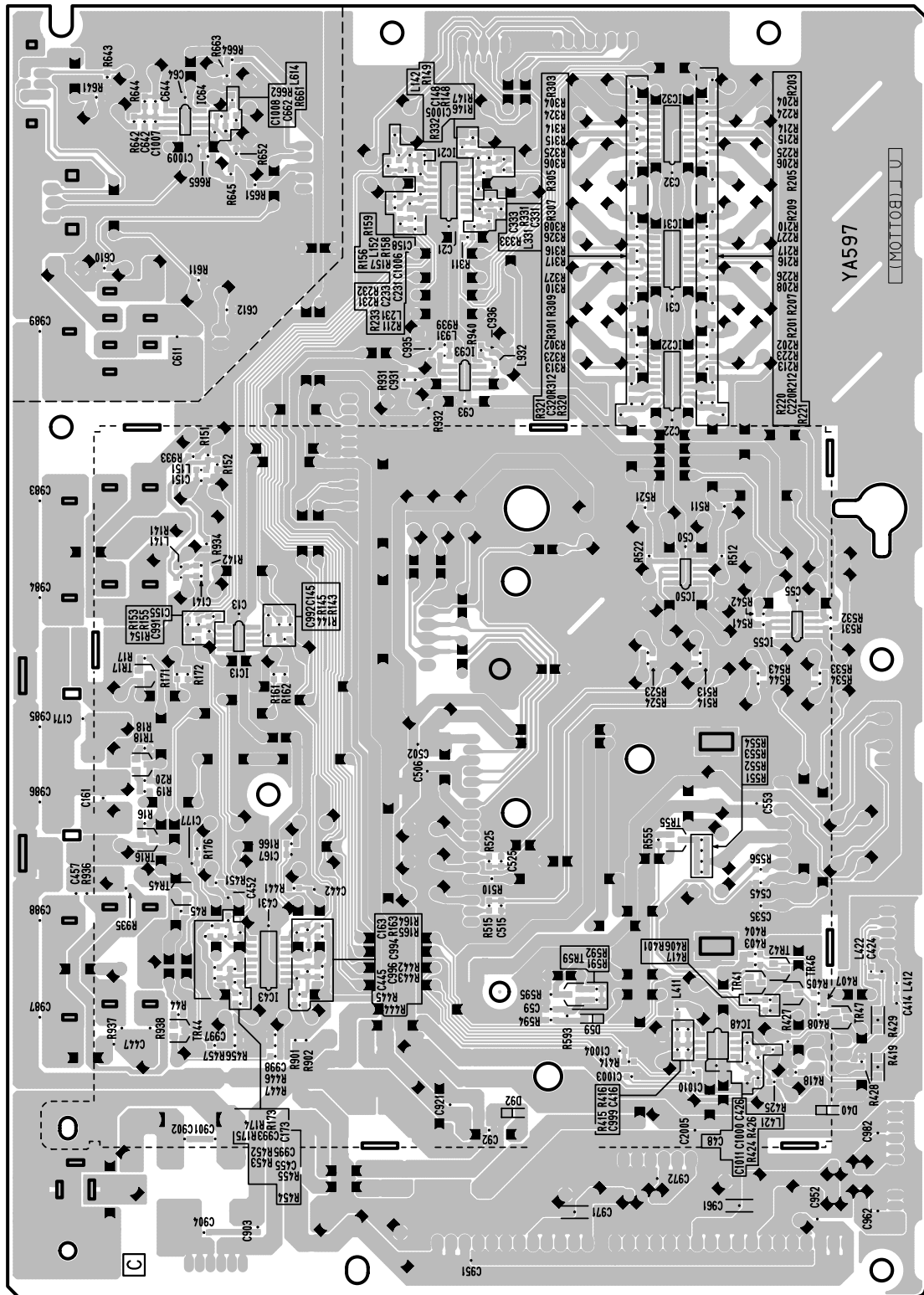
Component side

AM: 2NA-WQ86250

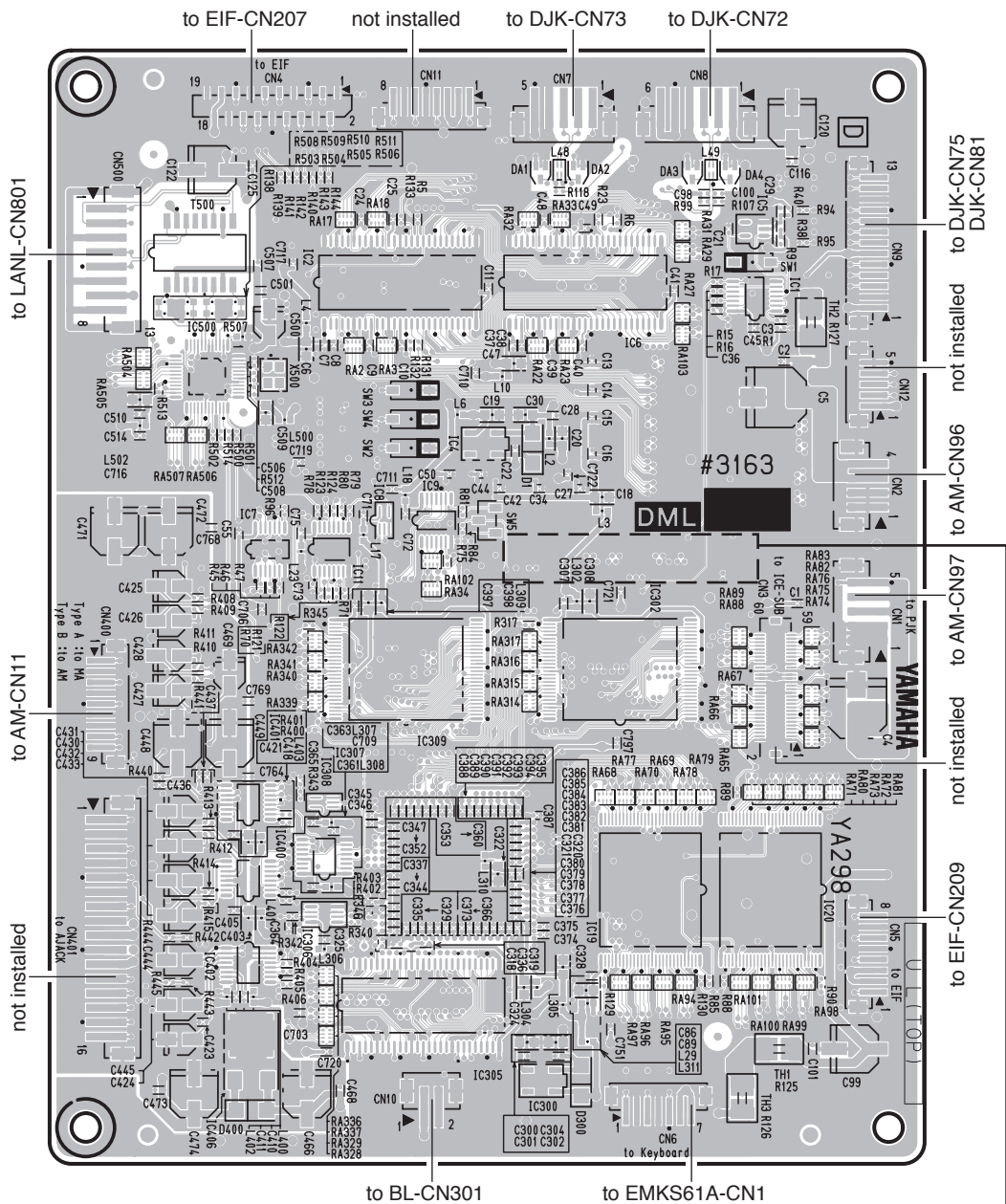


● AM Circuit Board

Scale: 85/100



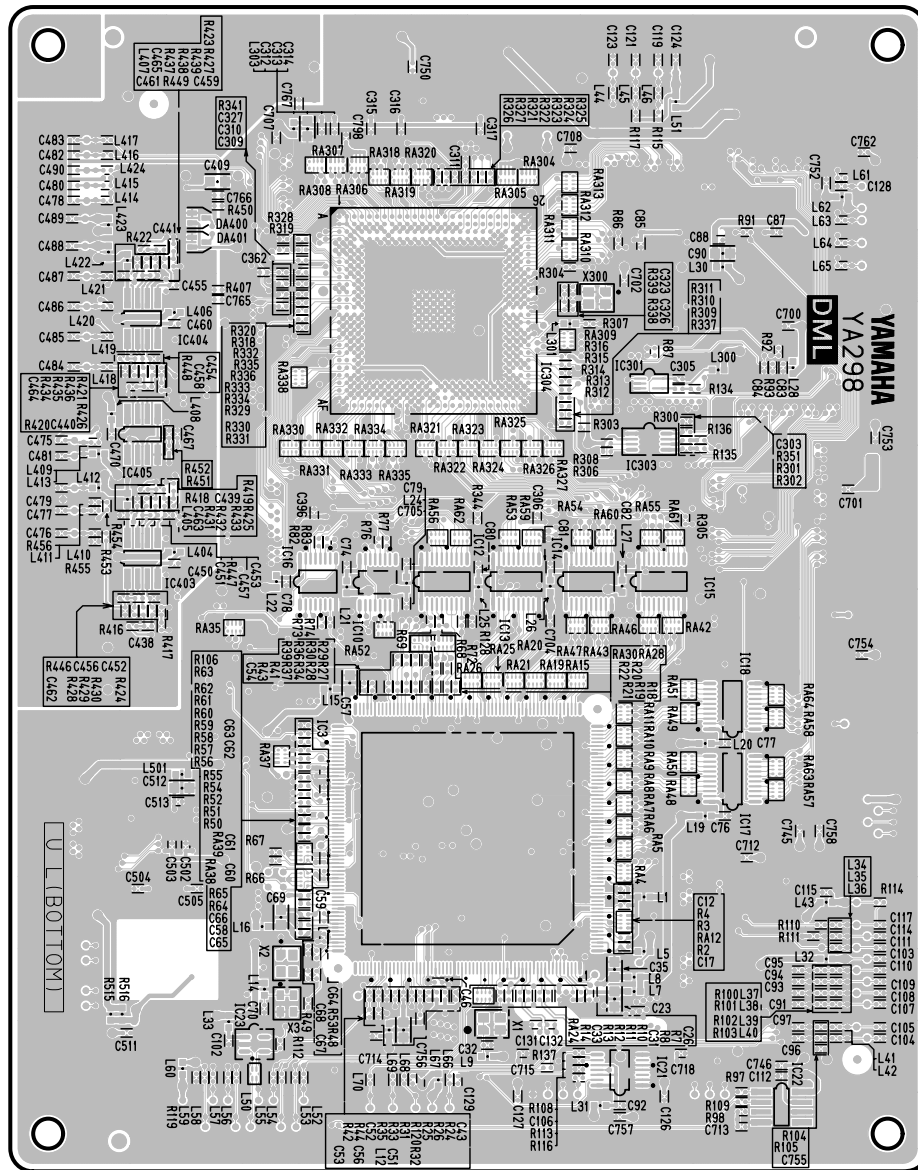
• DML Circuit Board (PSR-S710)



Component side

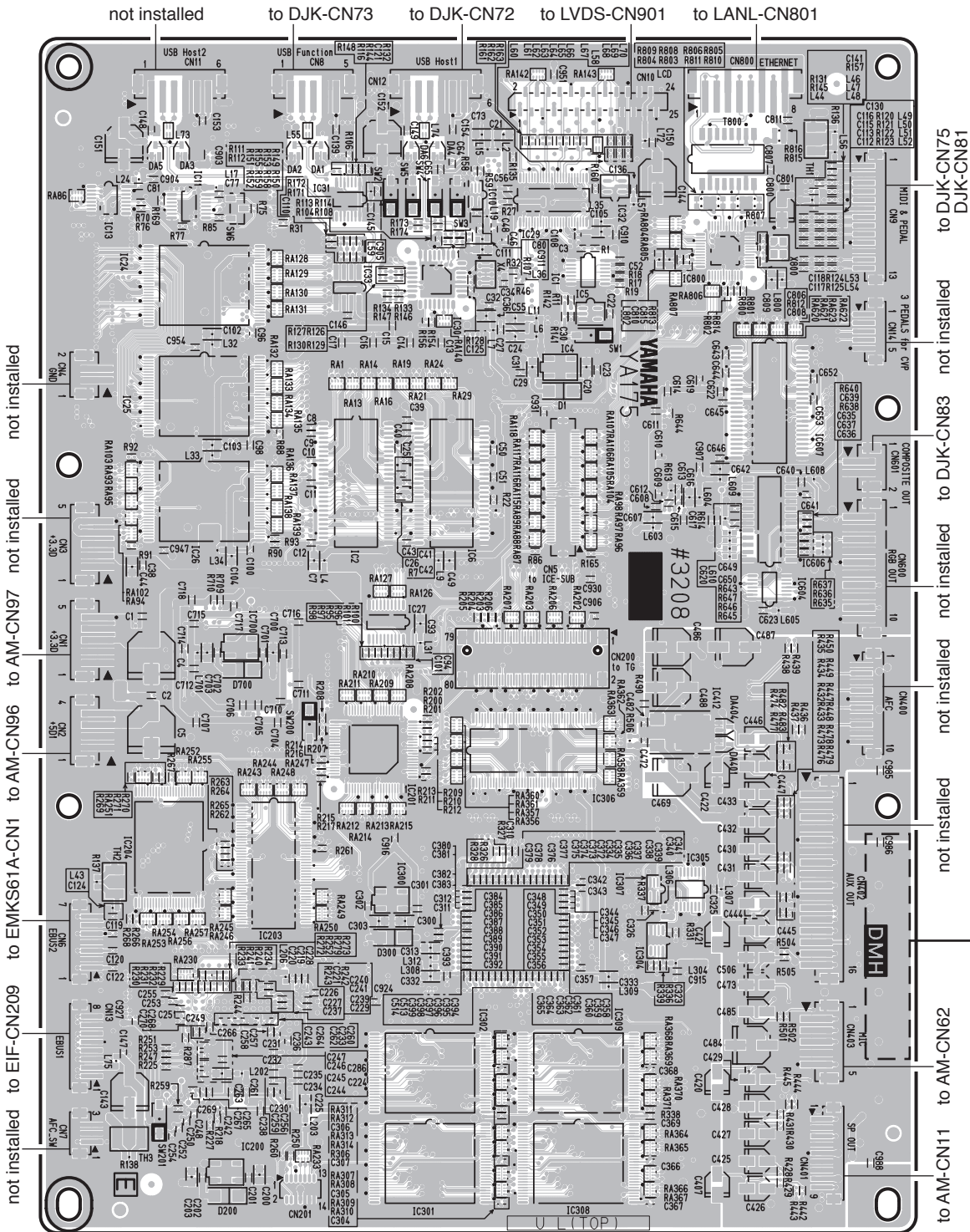
This number is the Ethernet MAC Address written on the DML circuit board. If the DML circuit board is replaced, the MAC address will be changed. The MAC address is required to execute the test program through Ethernet. (Attached in the dotted frame.)

● DML Circuit Board (PSR-S710)



Pattern side

● DMH Circuit Board (PSR-S910)



not installed to DJK-CN73 to DJK-CN72 to LVDS-CN901 to LANL-CN801

not installed to DJK-CN75 DJK-CN81

not installed to DJK-CN83

not installed to AM-CN97 to AM-CN96 to EMKS61A-CN1 to AM-CN96

not installed to EIF-CN209

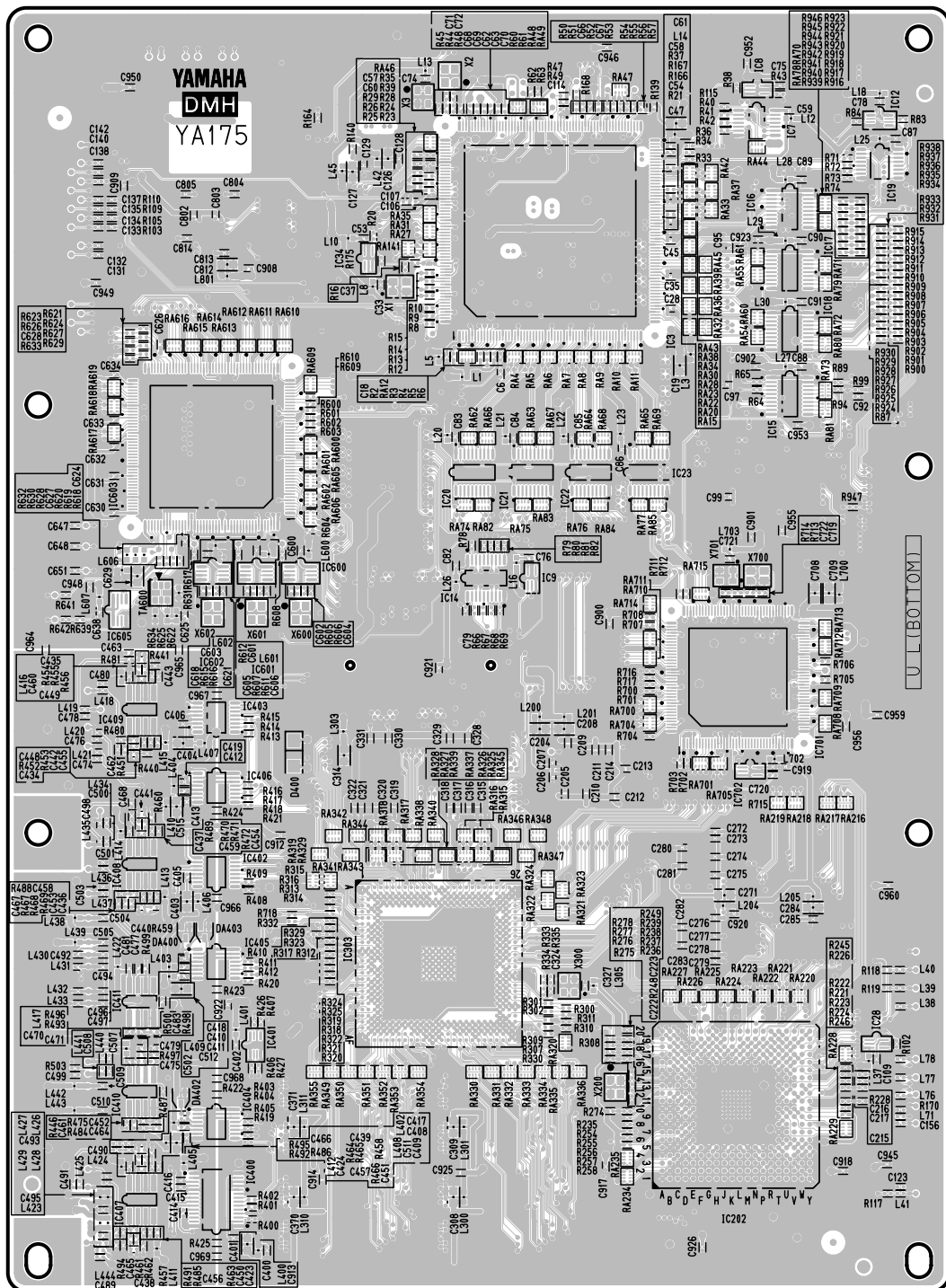
not installed to AM-CN62

Component side

This number is the Ethernet MAC Address written on the DMH circuit board.  
 If the DMH circuit board is replaced, the MAC address will be changed.  
 The MAC address is required to execute the test program through Ethernet.  
 (Attached in the dotted frame.)

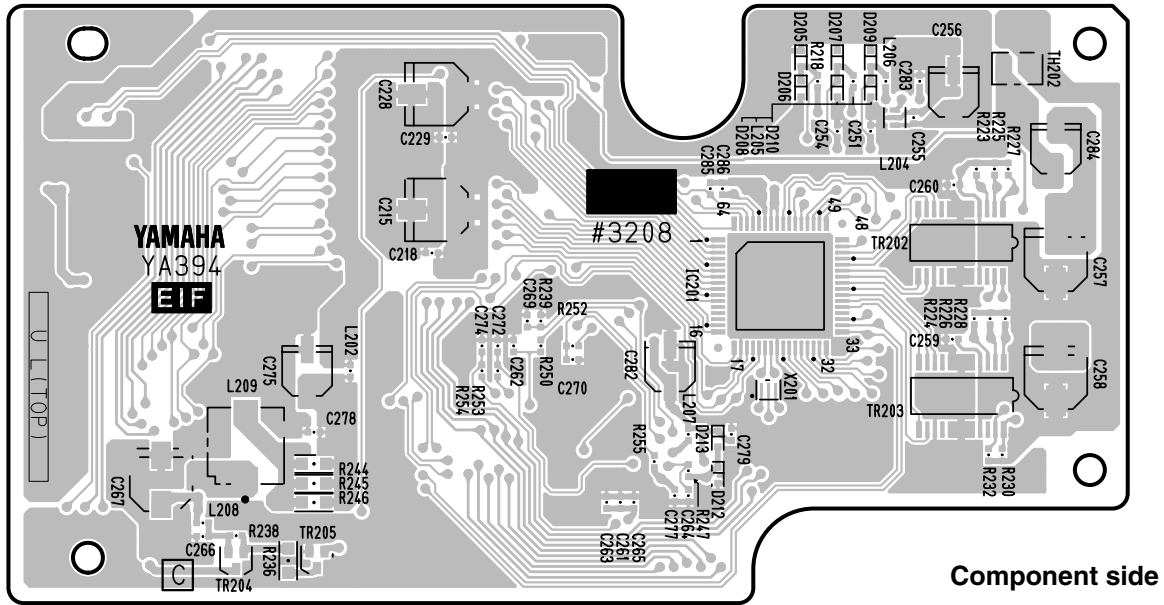


• DMH Circuit Board (PSR-S910)

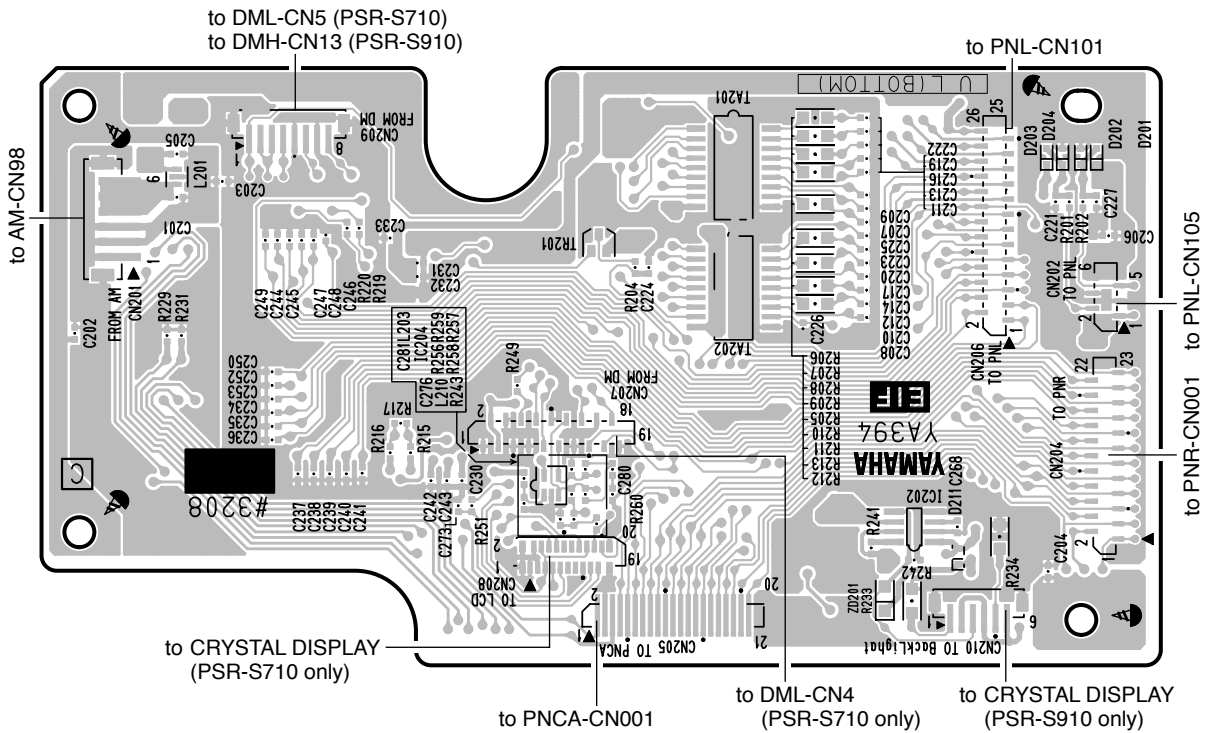


Pattern side

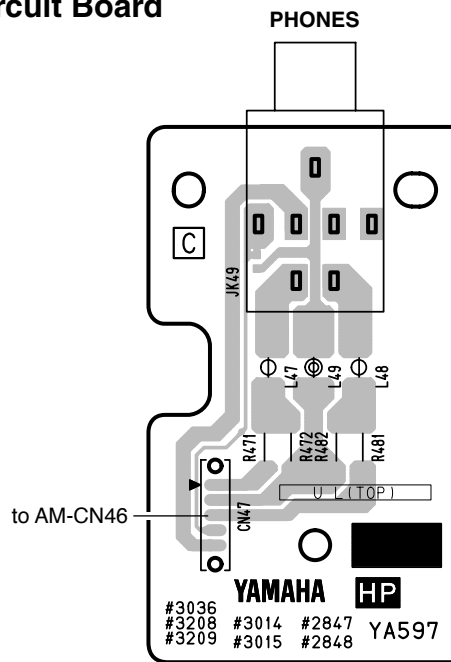
● EIF Circuit Board



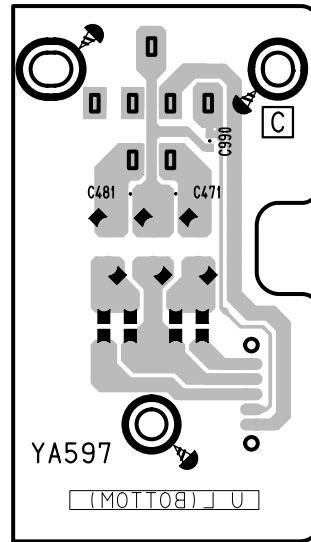
Component side



● HP Circuit Board

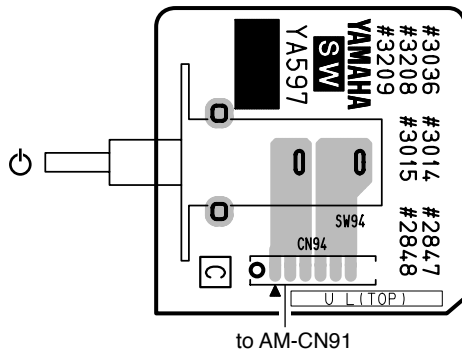


Component side

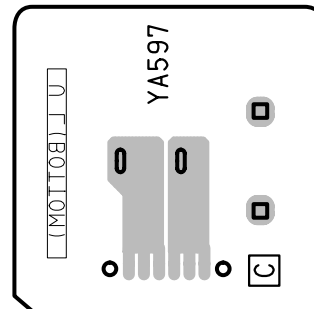


Pattern side

● SW Circuit Board

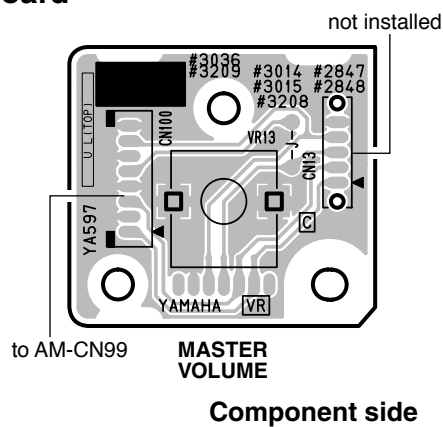


Component side

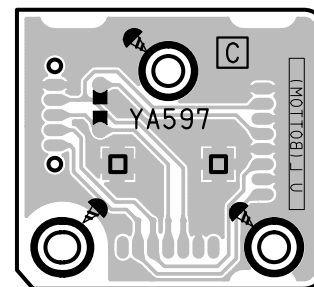


Pattern side

● VR Circuit Board

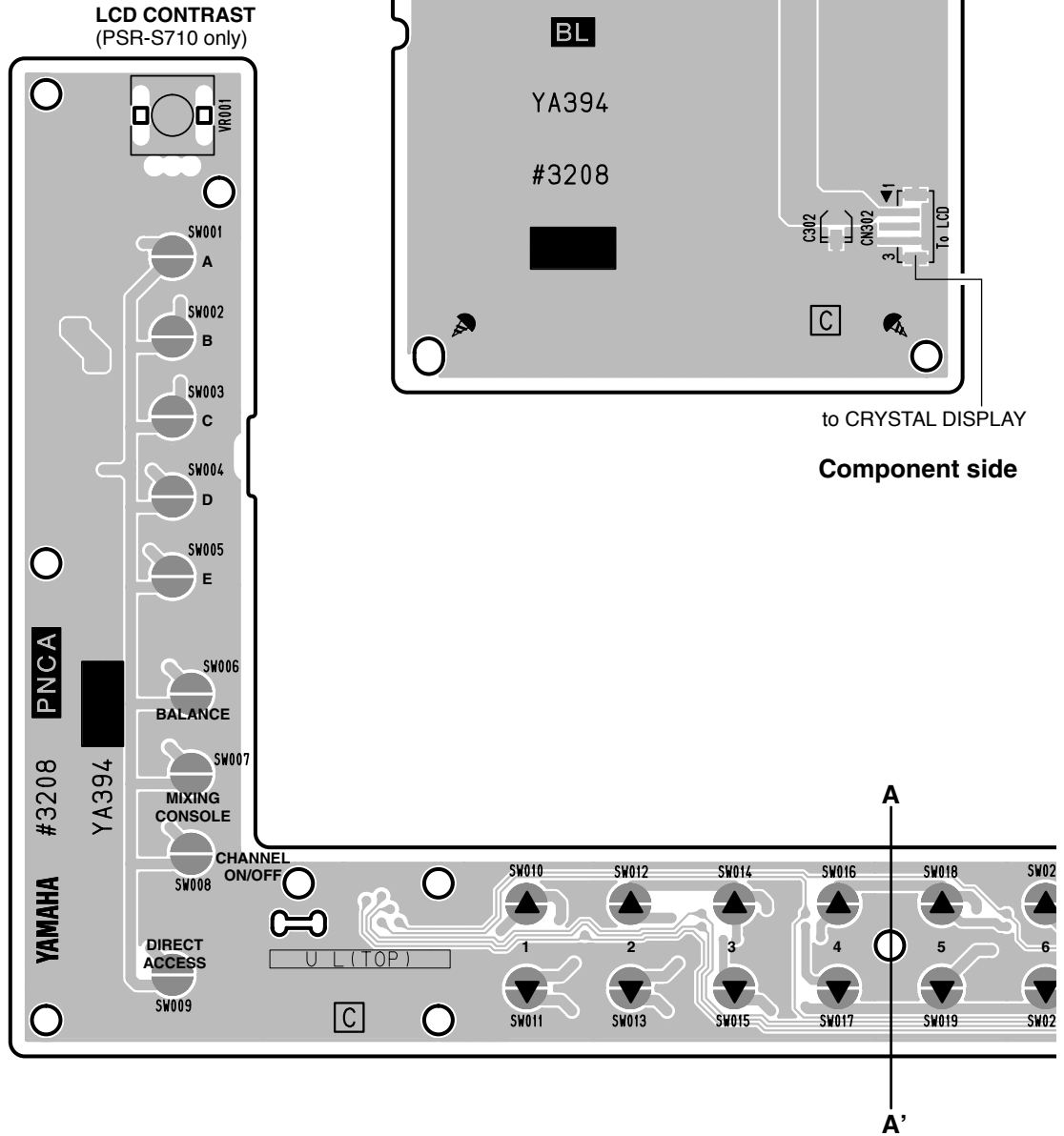


Component side



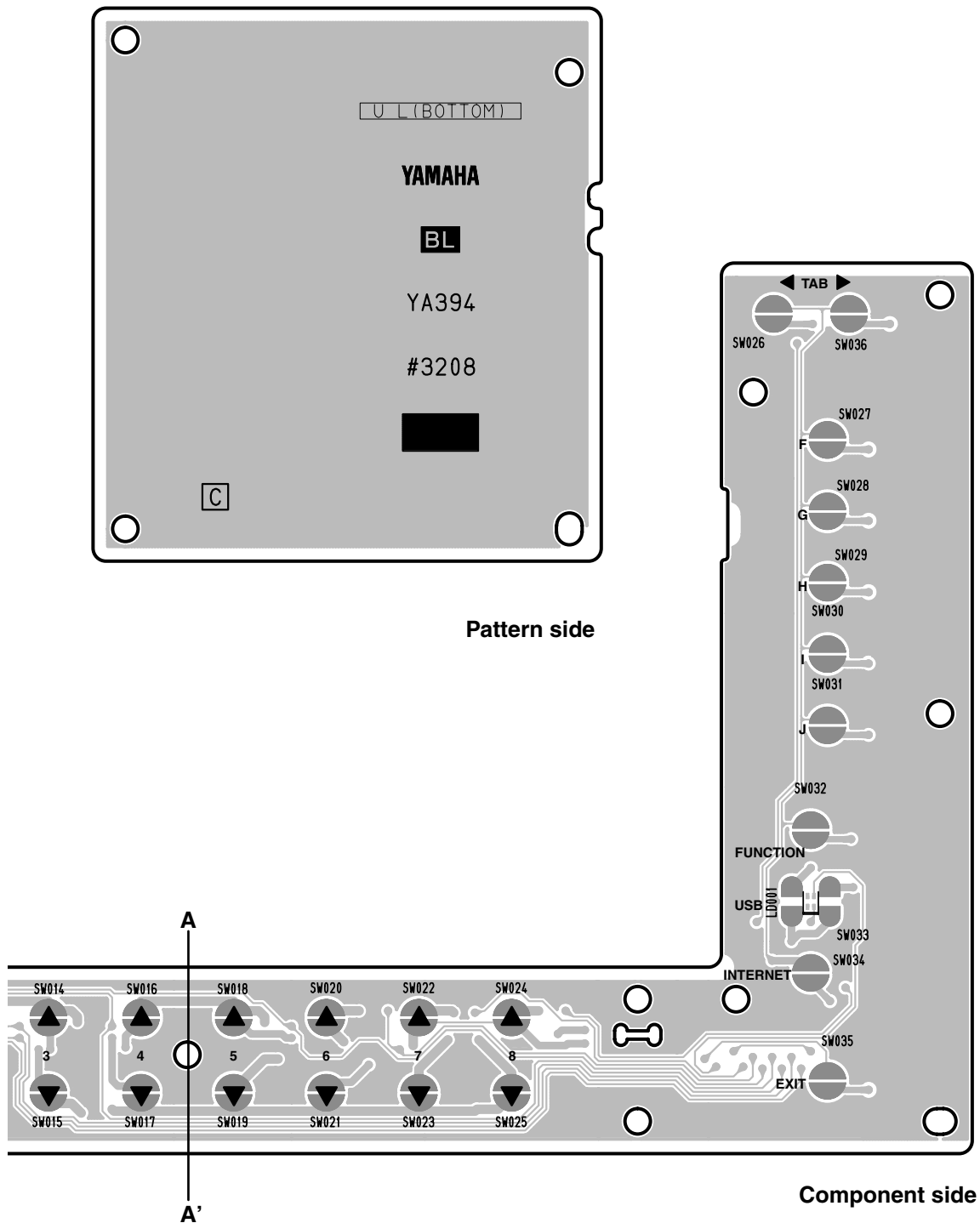
Pattern side

● PNCA Circuit Board

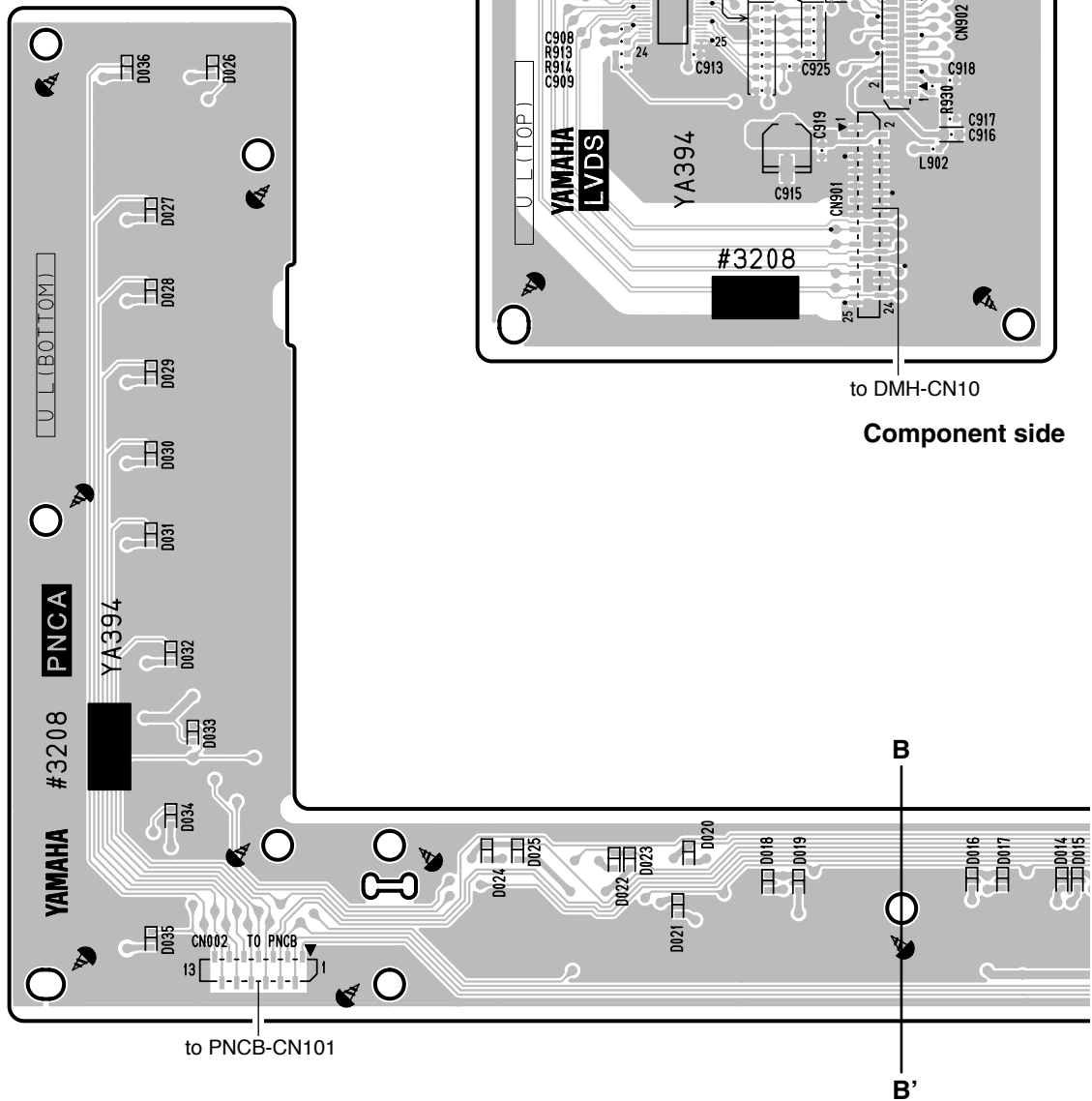




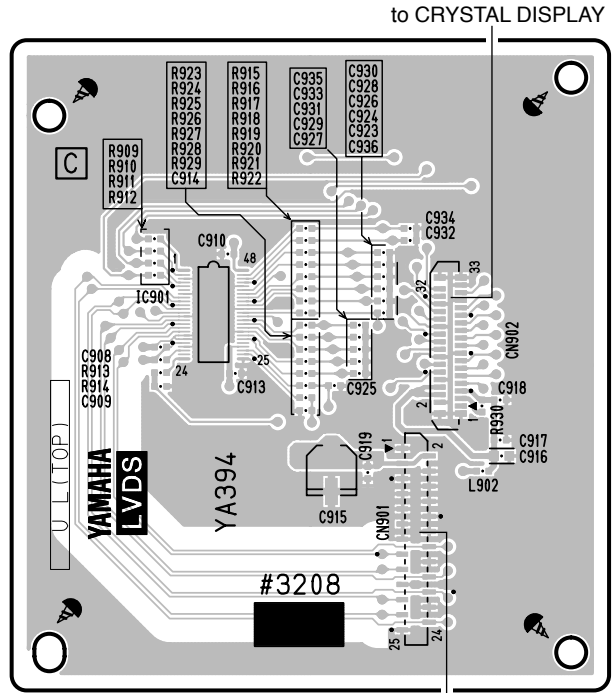
● BL Circuit Board (PSR-S710)



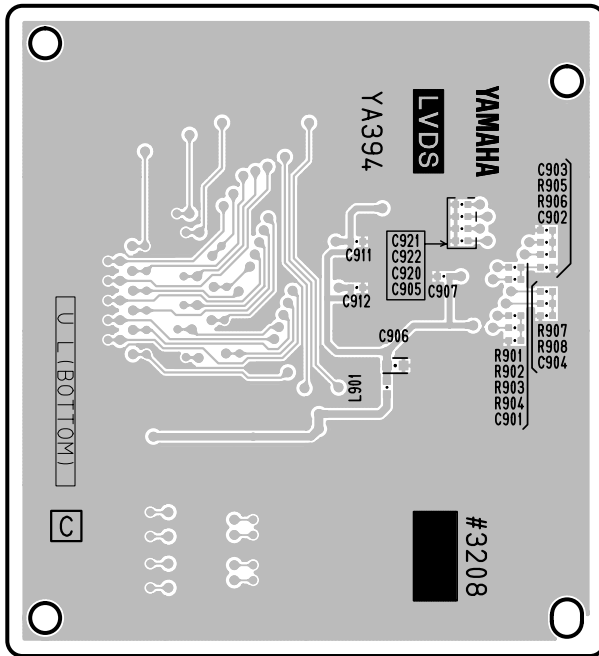
● PNCA Circuit Board



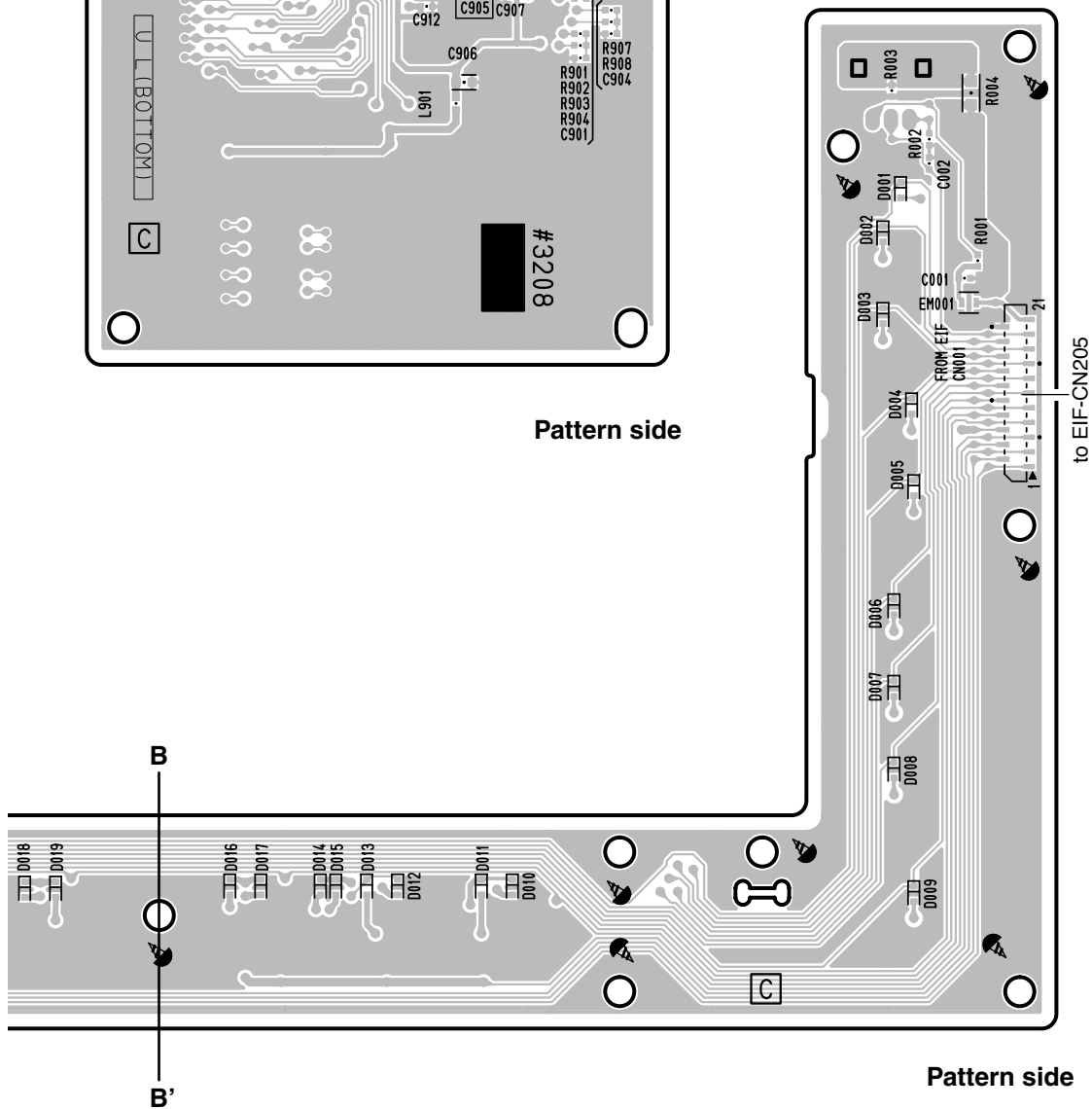
● LVDS Circuit Board (PSR-S910)



● LVDS Circuit Board (PSR-S910)

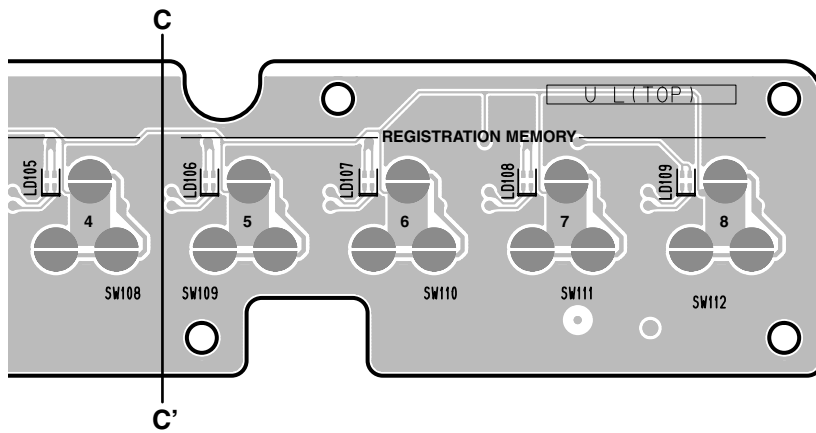
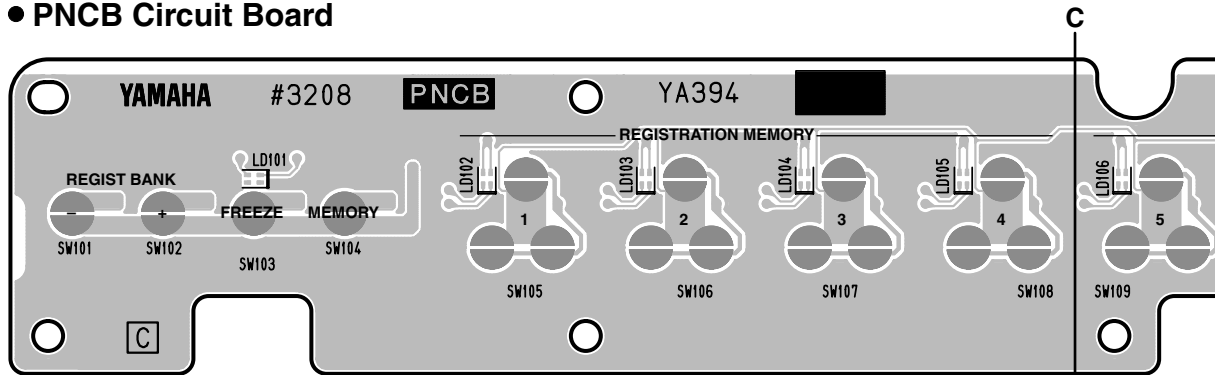


Pattern side

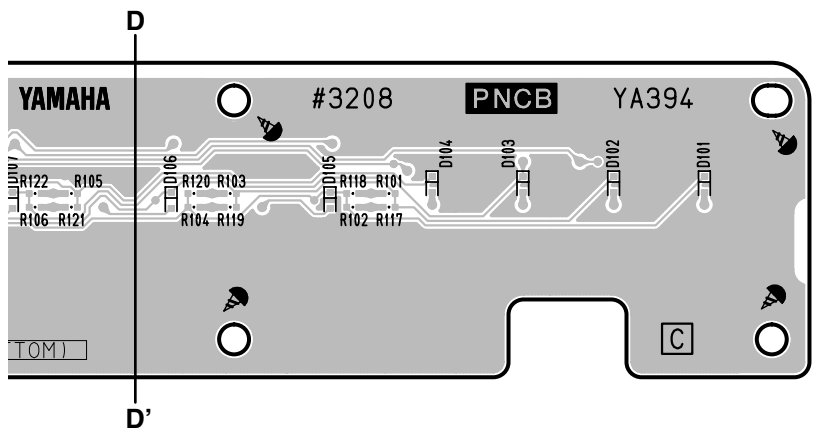
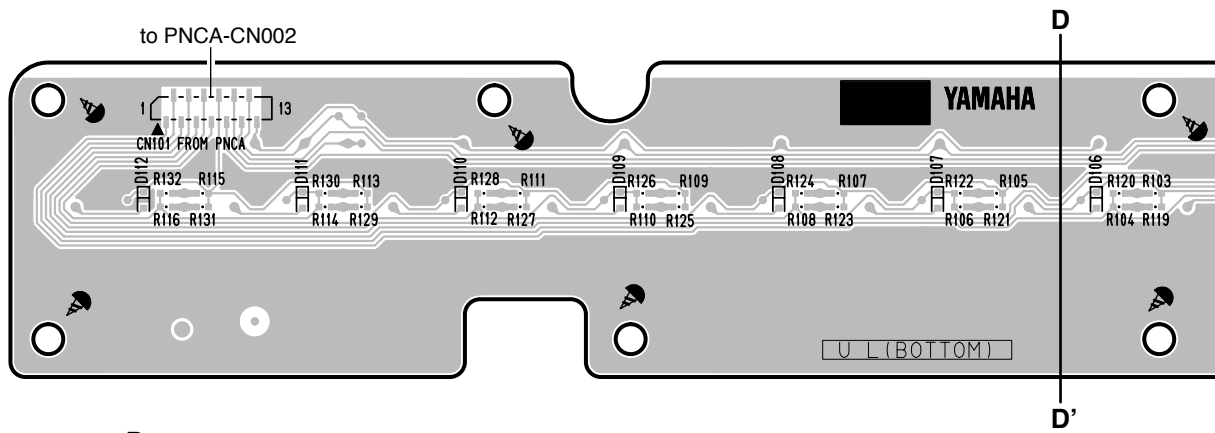


Pattern side

● PNCB Circuit Board

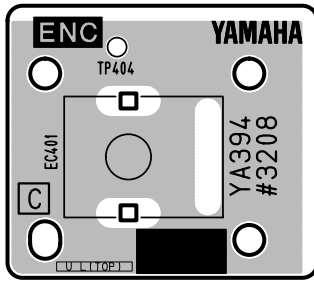


Component side



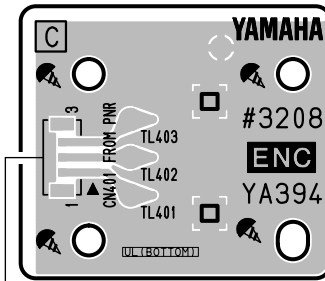
Pattern side

● ENC Circuit Board



Data entry

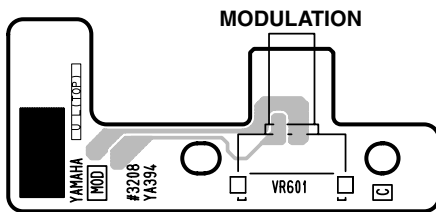
Component side



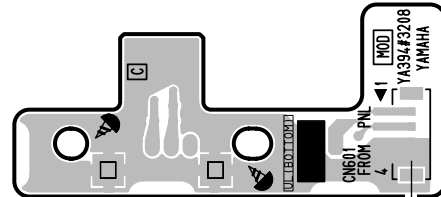
to PNR-CN002

Pattern side

● MOD Circuit Board



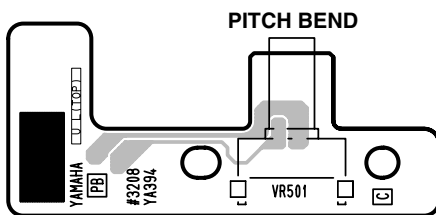
Component side



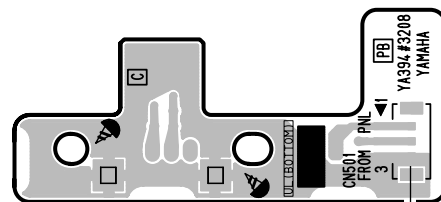
to PNL-CN103

Pattern side

● PB Circuit Board



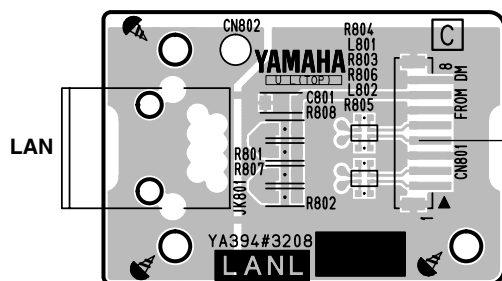
Component side



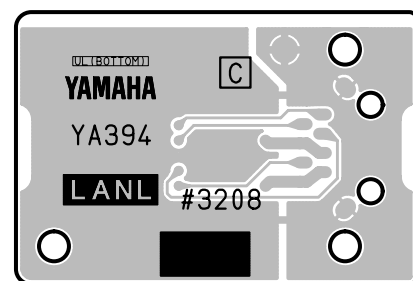
to PNL-CN103

Pattern side

● LANL Circuit Board



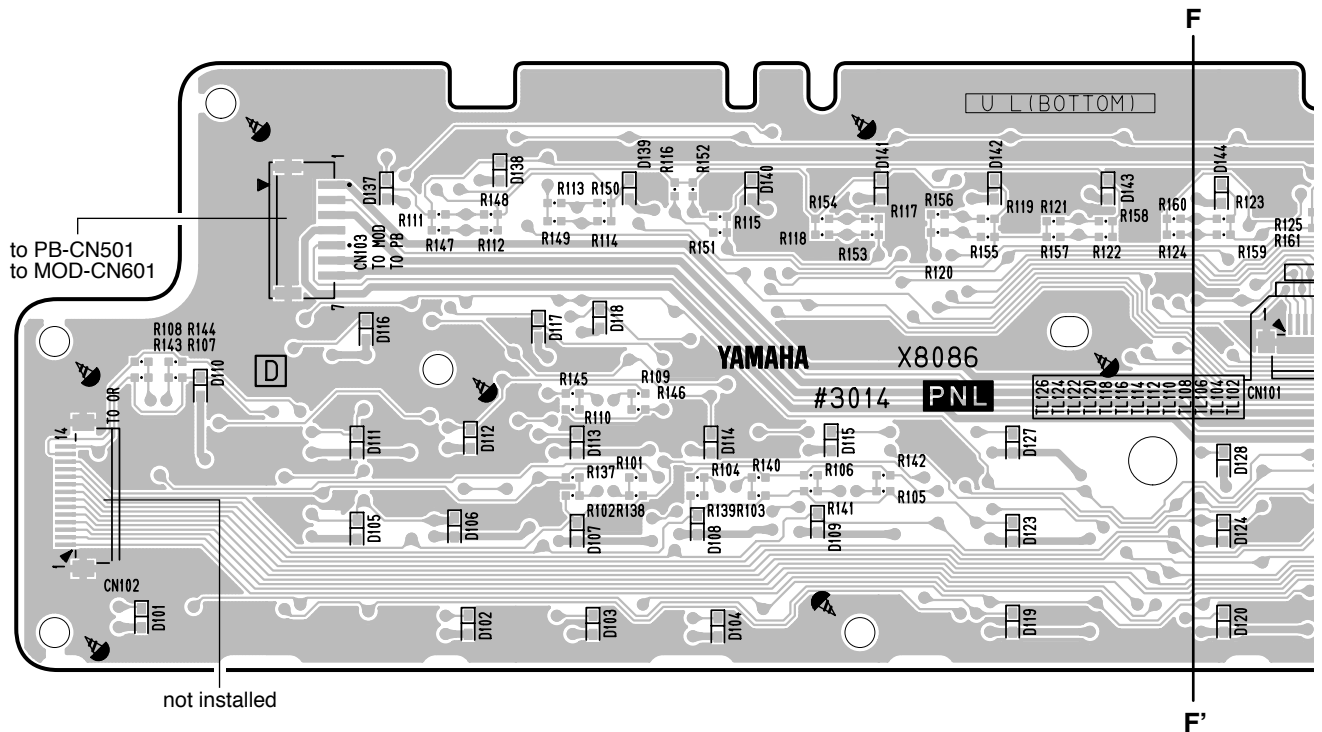
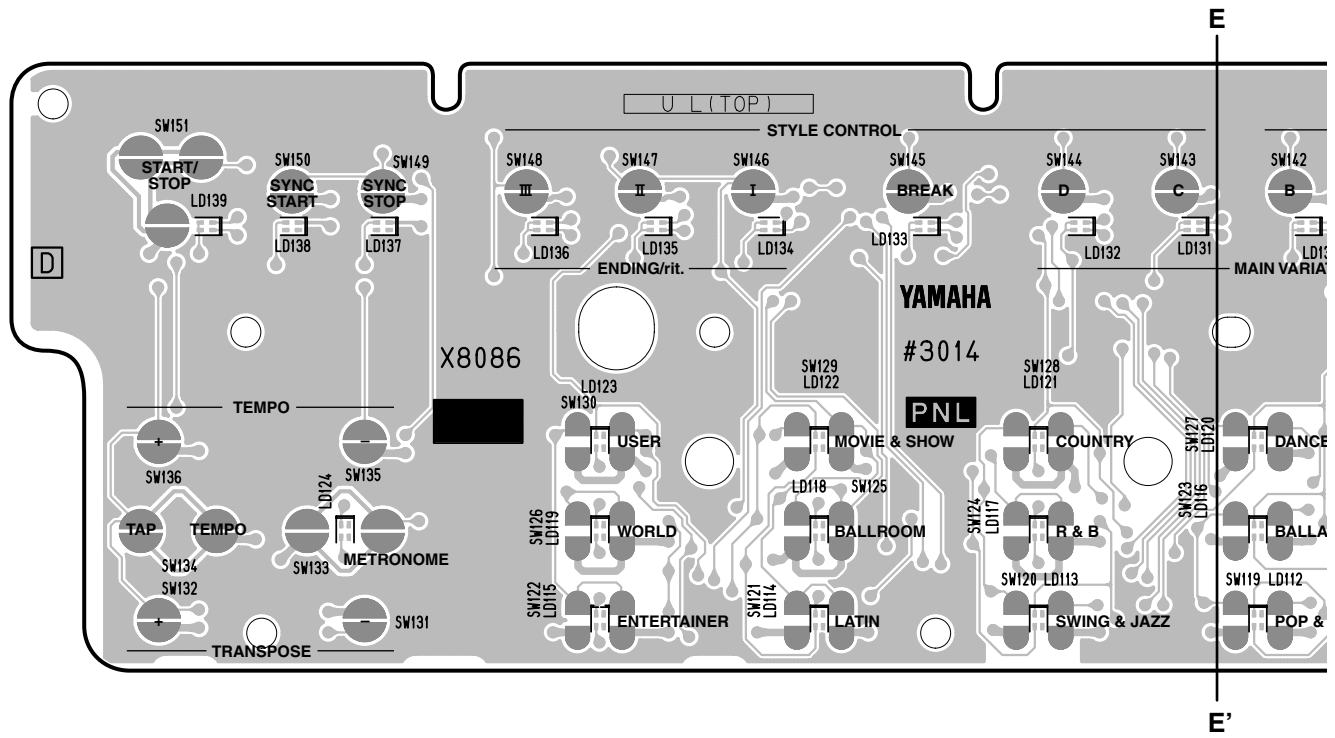
Component side

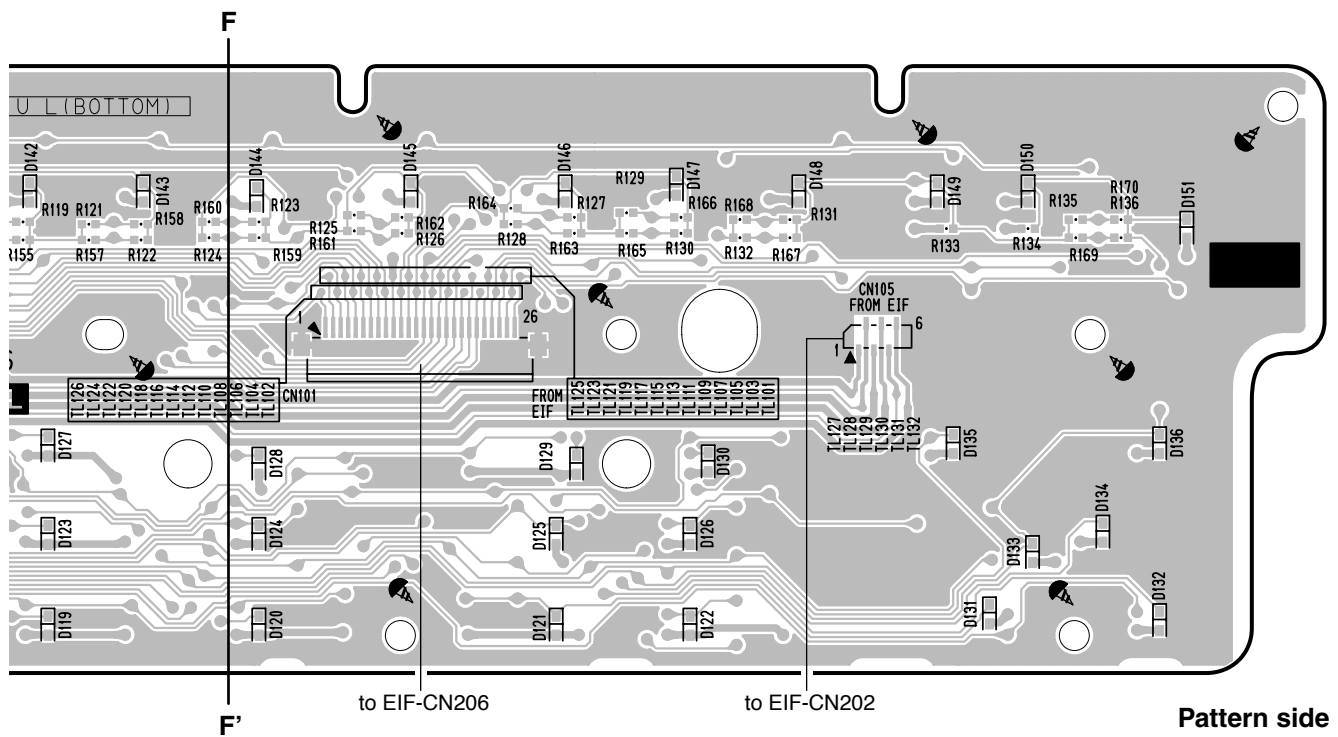
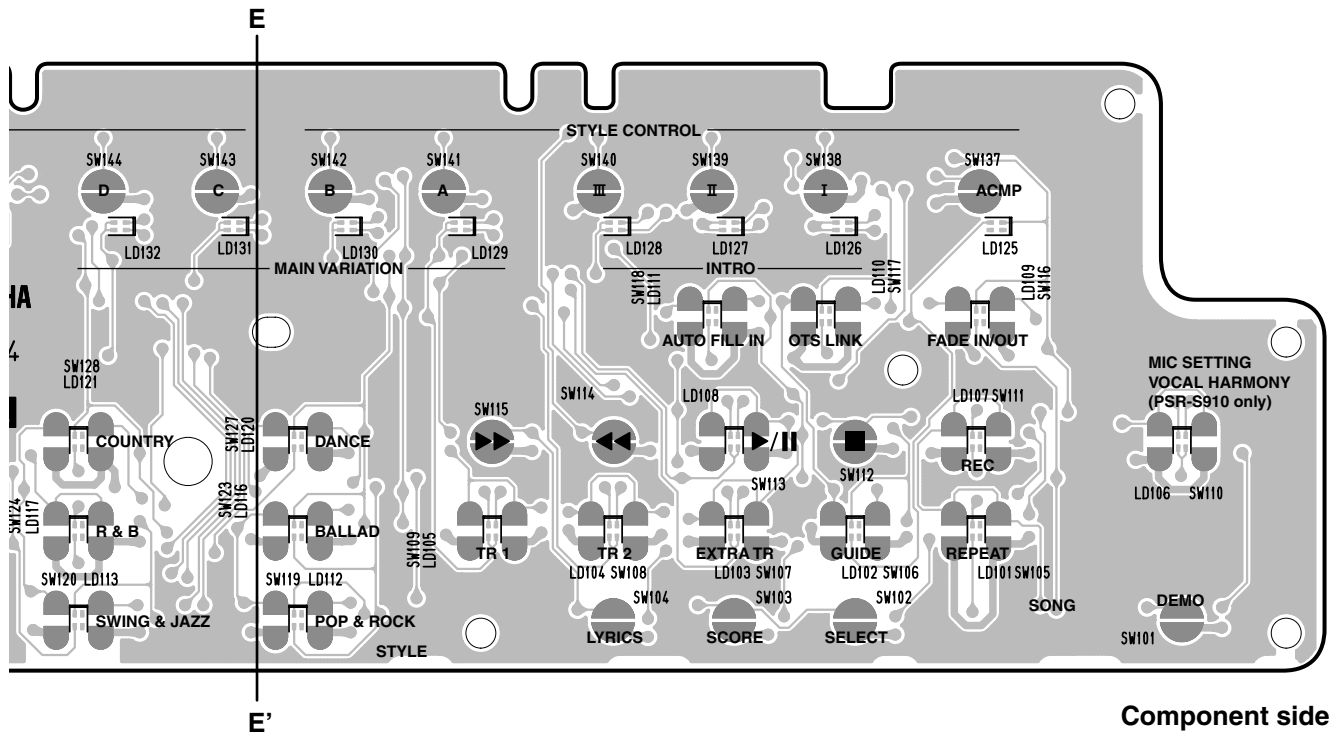


Pattern side

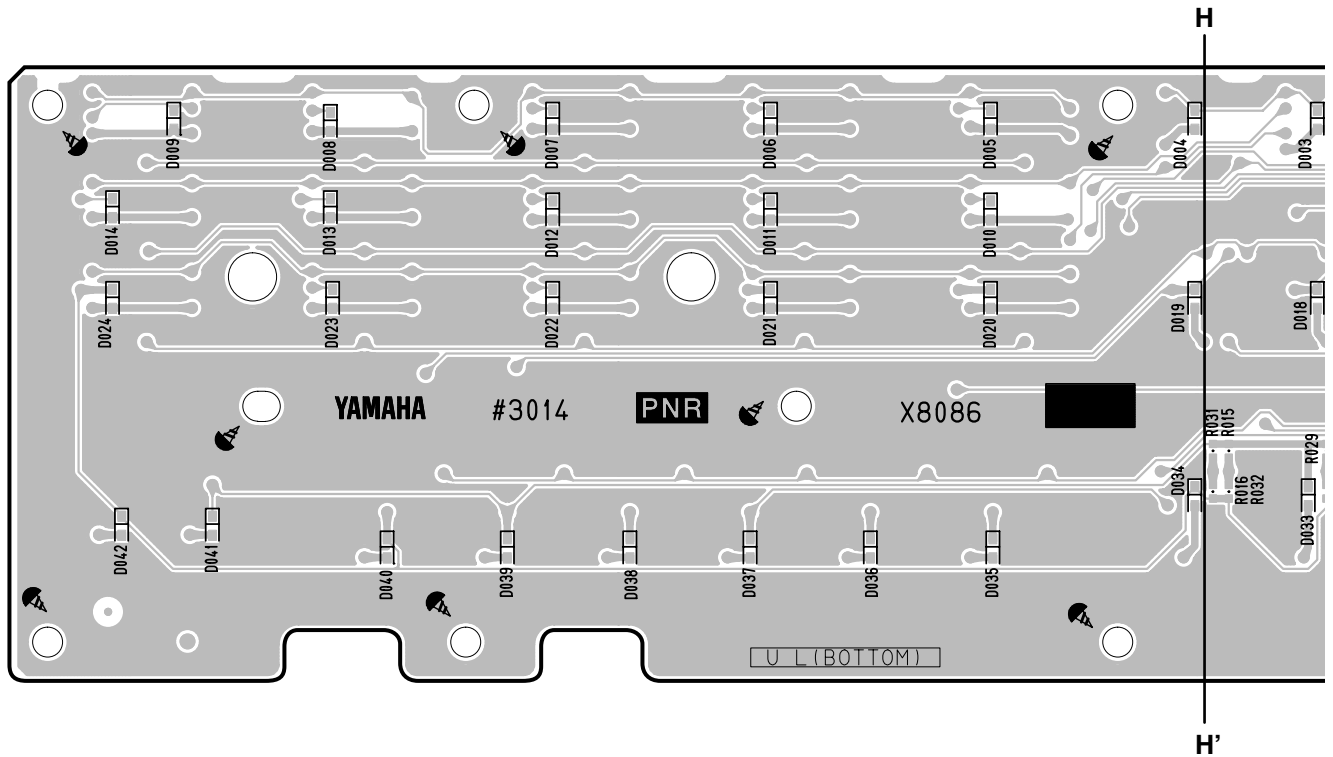
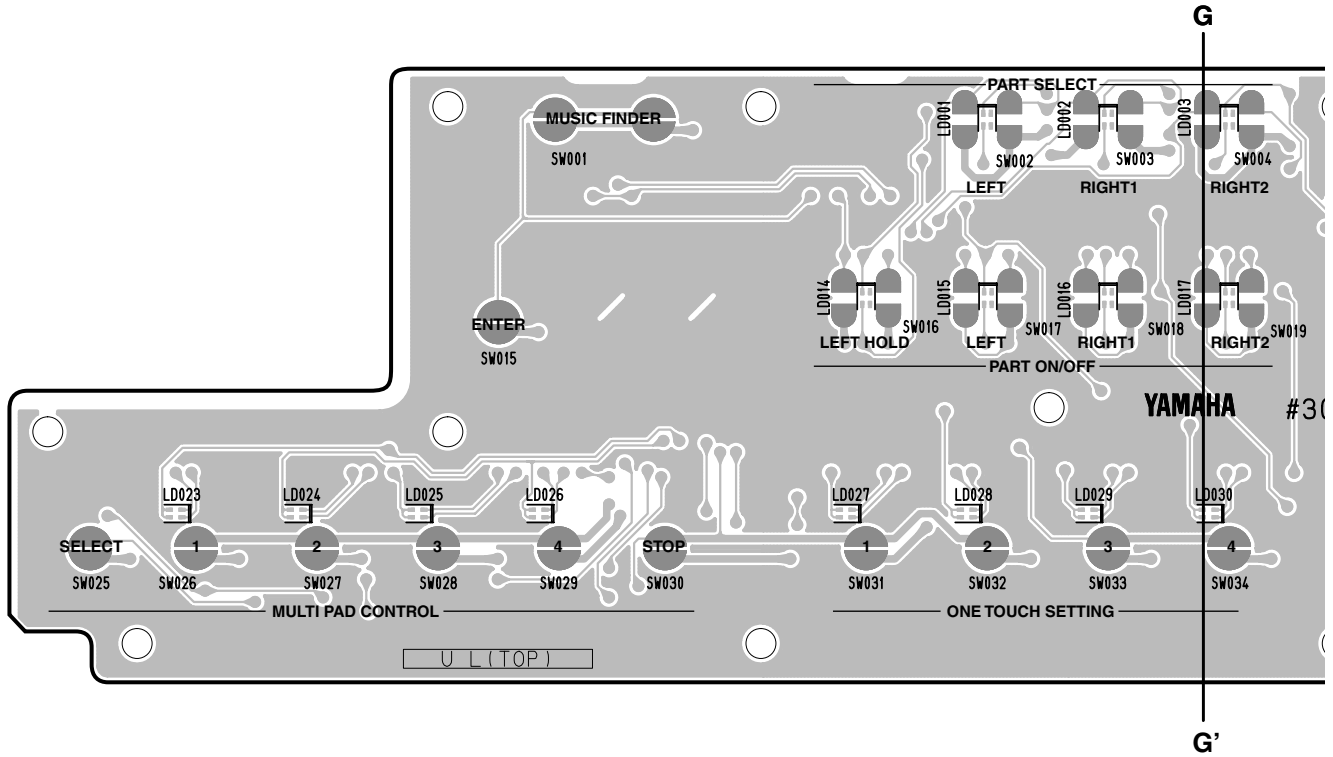
ENC, MOD, PB, LANL: 2NA-WQ70870

● PNL Circuit Board

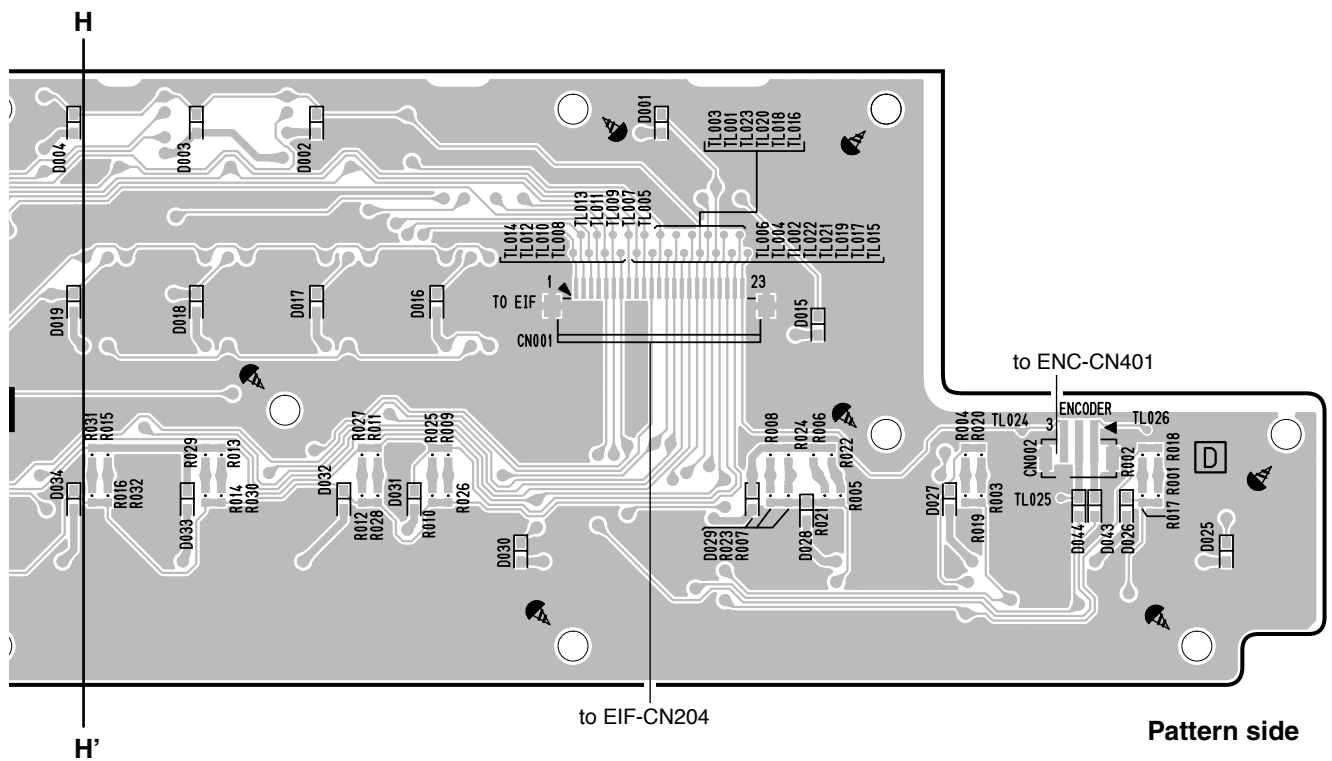
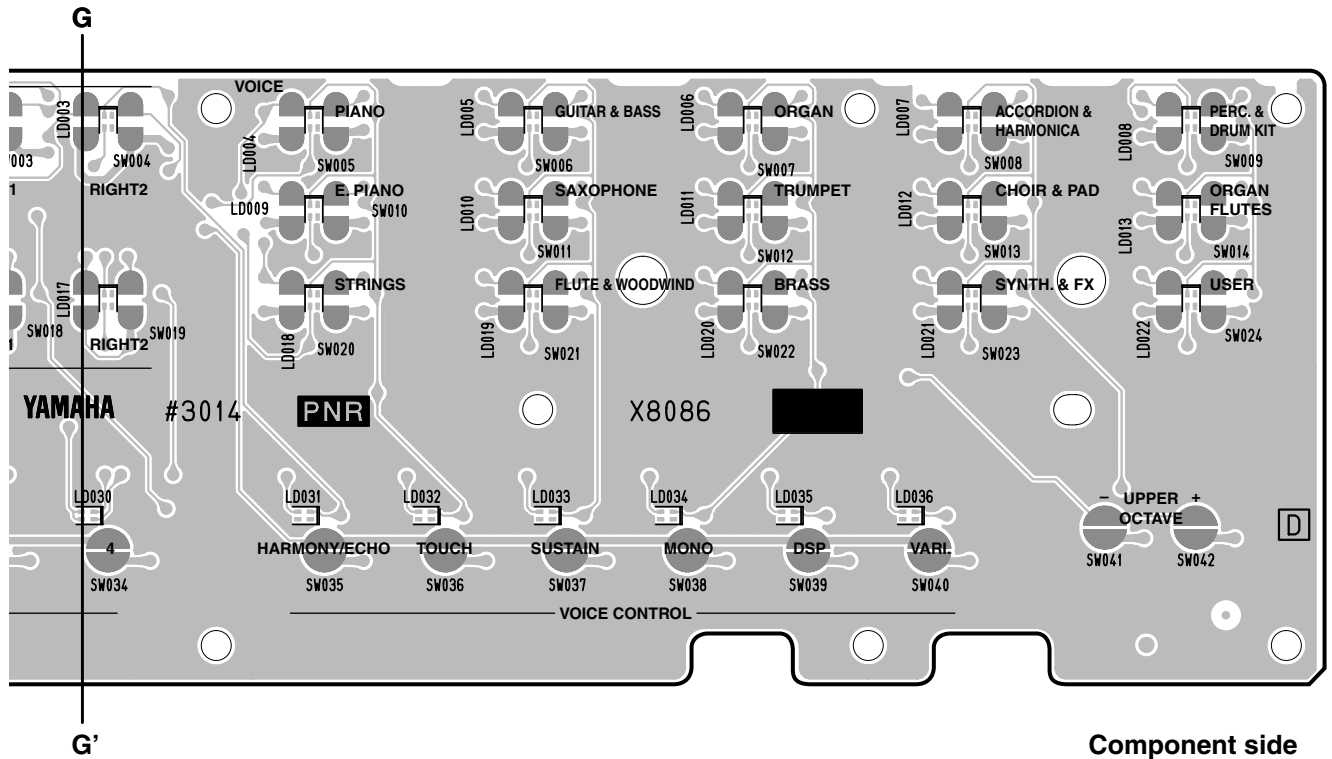




● PNR Circuit Board

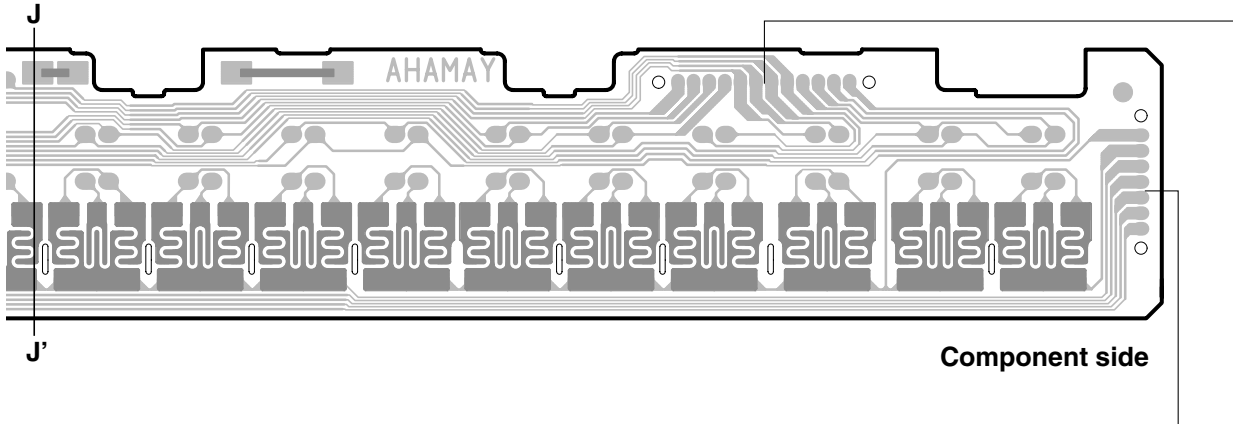
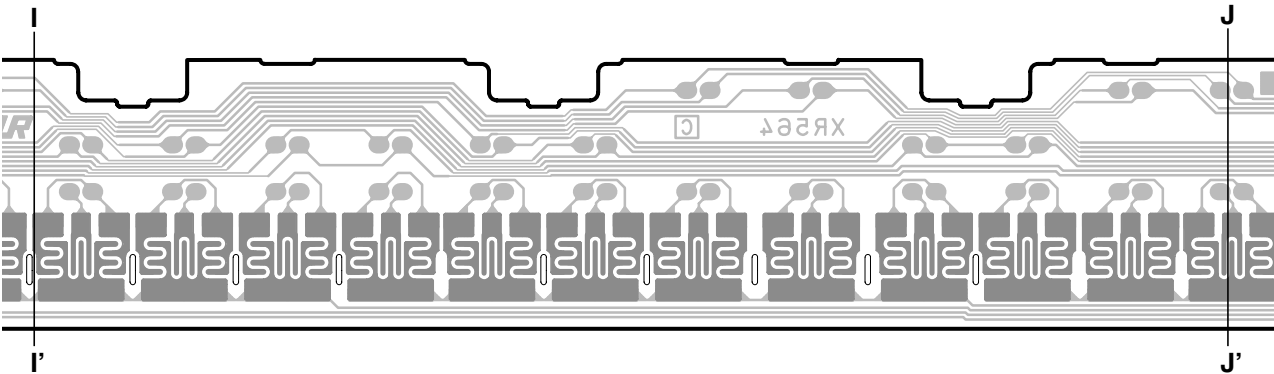
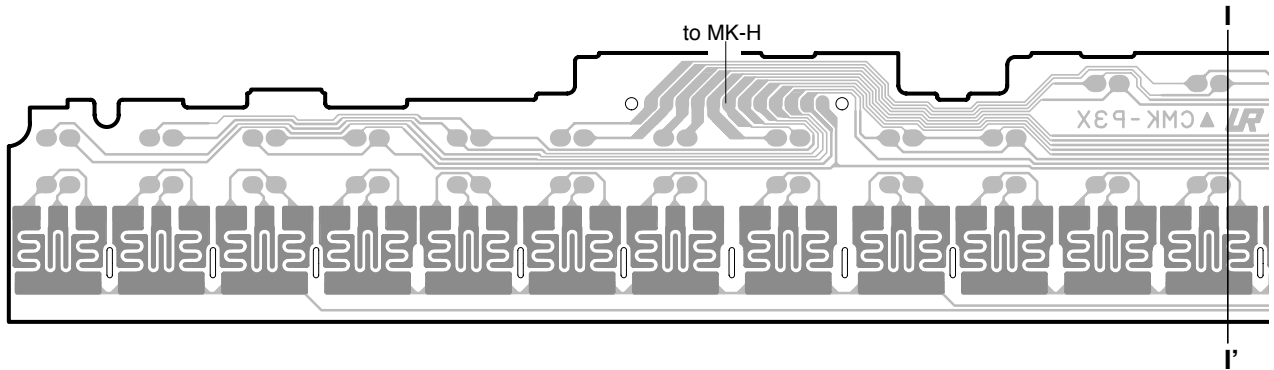






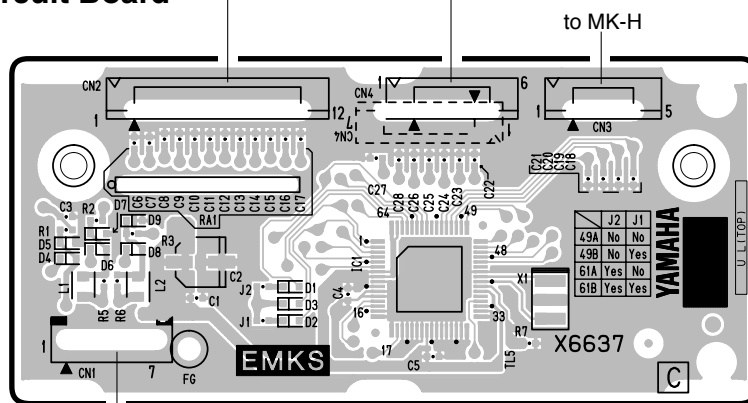
● MK-L Circuit Board

Scale: 90/100



Component side

● EMKS61A Circuit Board



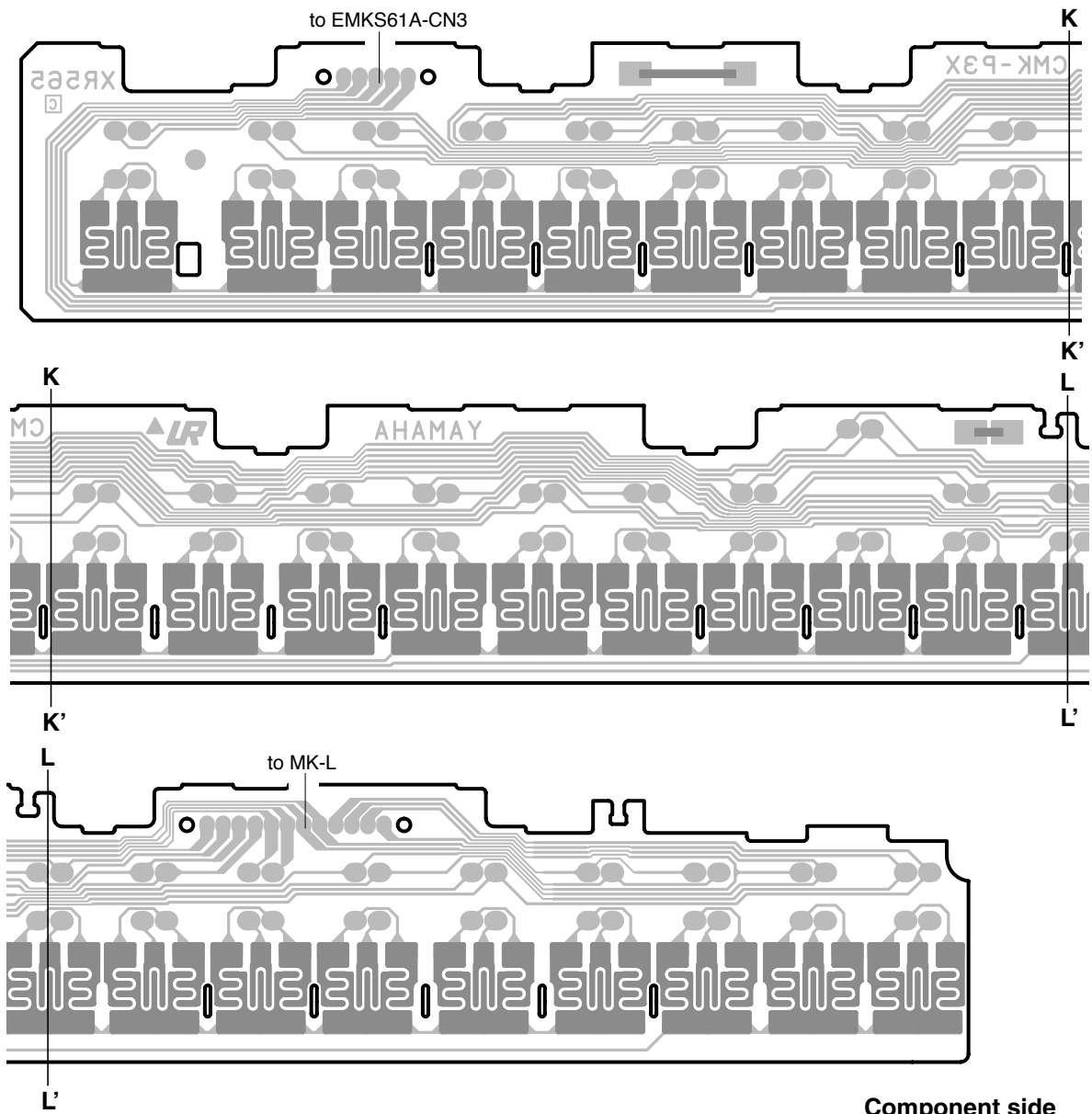
Component side

to DML-CN6 (PSR-S710)  
to DMH-CN6 (PSR-S910)

EMKS61A: 2NA-WF31010  
MK-L: 2NA-VV58380

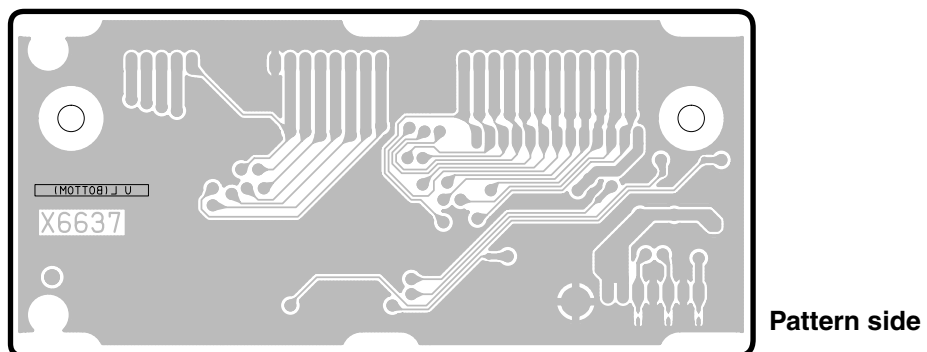
● MK-H Circuit Board

Scale: 90/100



Component side

● EMKS61A Circuit Board



Pattern side

EMKS61A: 2NA-WF31010  
 MK-H: 2NA-VV58390

# TEST PROGRAM

\* If the test number 67 “Factory Set” is executed, the Internet setup data will be lost.

## 1 Measurement Conditions

### 1-1: Measuring Instruments

- Level meter (with a JIS-C filter).
- Frequency counter, which can detect thousandth value or more
- Oscilloscope
- \* Input impedance of the measuring instrument should be 1 MΩ or more.
- \* Connect a load resistor of 33 Ω and measure at the [PHONES] jack using stereo plugs unless otherwise specified.

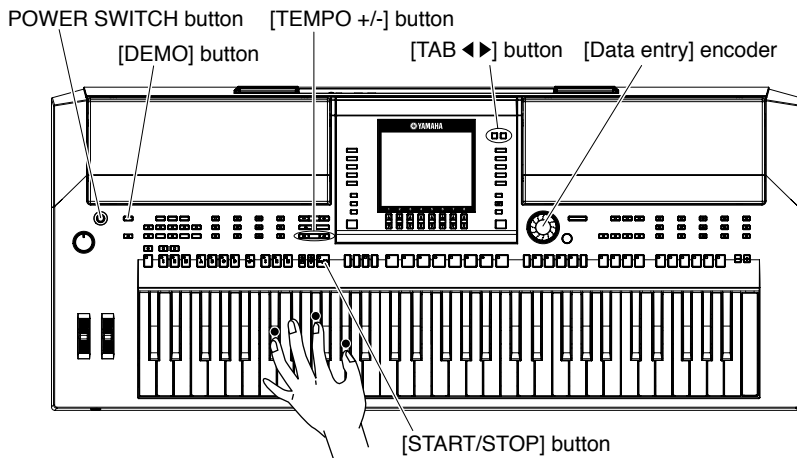
### 1-2: Jig

Foot controller (FC7), MIDI cable, USB cable, USB storage device (USB floppy drive, etc.), LAN cable, Router (BUFFALO INC. BHR-4RV), Display monitor (PSR-S910 only), Microphone (PSR-S910 only)

- \* For an inspection that requires a pedal unit, inspect with the pedal unit connected.

## 2 Starting up the test program

Turn on the power switch while pressing and holding the [C#2], [F2], and [G#2] on the lower keyboard (C#2 major code).



### 2-1: How to carry out tests

- 1) “TEST” will appear on the LCD when the test program starts up.
- 2) Go to item choosing mode with [TEMPO + ]/[TEMPO - ] button or [Data entry] dial.  
(If the [Data entry] dial is turned counterclockwise at the head of items (Test 1), the last item (Test 68) will be selected. If the [Data entry] dial is turned clockwise at the last item (Test 68), the head of items (Test 1) will be selected.)
- 3) Press the [START/STOP] button to execute a test.

#### ● If the test result is OK:

When the test result is OK, an asterisk “ \* ” will be displayed at the head so that you can see later if it has already been checked. If the result is OK, return to the selection screen with the [START/STOP] button.

#### ● If the test result is NG:

If the result is NG, press the [DEMO] button or lowest key on the keyboard to return to the selection display.

### 3 Tests Overview

Test No.	LCD display	Test descriptions, judging conditions, etc.																				
1	<b>001 : Version</b>	<p>Checking the version of the ROM. Displays version of the ROM. If the [TAB ►] switch is pressed while the version is displayed, a sub version display will be shown. In case of NG, "0.00" appears in the version field.</p> <table border="0"> <tr> <td><b>Case PSR-S710</b></td> <td><b>Case PSR-S910</b></td> </tr> <tr> <td><b>Model Name</b> : PSR-S710 (E)</td> <td><b>Model Name</b> : PSR-S910 (E)</td> </tr> <tr> <td><b>Main Program</b> : * . * *</td> <td><b>Main Program</b> : * . * *</td> </tr> <tr> <td><b>Bitmap1</b> : * . * *</td> <td><b>Sub Program</b> : * . * *</td> </tr> <tr> <td><b>Contents1</b> : * . * *</td> <td><b>Bitmap1</b> : * . * *</td> </tr> <tr> <td><b>Contents2</b> : * . * *</td> <td><b>Contents1</b> : * . * *</td> </tr> <tr> <td><b>Wave1</b> : * . * *</td> <td><b>Wave1</b> : * . * *</td> </tr> <tr> <td><b>(Sub Version)</b></td> <td><b>(Sub Version)</b></td> </tr> <tr> <td><b>Main Boot</b> : * . * *</td> <td><b>Main Boot</b> : * . * *</td> </tr> <tr> <td></td> <td><b>Sub1 Boot</b> : * . * *</td> </tr> </table> <p style="text-align: right;">* . * * :Version</p>	<b>Case PSR-S710</b>	<b>Case PSR-S910</b>	<b>Model Name</b> : PSR-S710 (E)	<b>Model Name</b> : PSR-S910 (E)	<b>Main Program</b> : * . * *	<b>Main Program</b> : * . * *	<b>Bitmap1</b> : * . * *	<b>Sub Program</b> : * . * *	<b>Contents1</b> : * . * *	<b>Bitmap1</b> : * . * *	<b>Contents2</b> : * . * *	<b>Contents1</b> : * . * *	<b>Wave1</b> : * . * *	<b>Wave1</b> : * . * *	<b>(Sub Version)</b>	<b>(Sub Version)</b>	<b>Main Boot</b> : * . * *	<b>Main Boot</b> : * . * *		<b>Sub1 Boot</b> : * . * *
<b>Case PSR-S710</b>	<b>Case PSR-S910</b>																					
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<b>(Sub Version)</b>	<b>(Sub Version)</b>																					
<b>Main Boot</b> : * . * *	<b>Main Boot</b> : * . * *																					
	<b>Sub1 Boot</b> : * . * *																					
2	<b>002 : ROM Check1</b> OK: <div style="border: 1px solid black; padding: 2px; width: fit-content;">002 : ROM Check1 OK</div> NG: <div style="border: 1px solid black; padding: 2px; width: fit-content;">002 : ROM Check1 MAIN PROG ROM (IC*** , *** ) NG SUB1 PROG ROM (IC*** ) NG</div> <small>(Sub1: PSR-S910 only)</small> <small>***: Location Number of IC</small>	<p>Checking the ROM connected to the CPU bus. (Simplified check) Check that "ROM Check1 OK" is displayed on the LCD.</p> <table border="0"> <tr> <td><b>Case PSR-S710</b></td> <td><b>Case PSR-S910</b></td> </tr> <tr> <td><b>MAIN PROG ROM (IC19) NG</b></td> <td><b>MAIN PROG ROM (IC24, 25) NG</b></td> </tr> <tr> <td><b>MAIN PROG WR (IC19) NG</b></td> <td><b>MAIN PROG WR (IC24, 25) NG</b></td> </tr> <tr> <td></td> <td><b>SUB1 PROG ROM (IC204) NG</b></td> </tr> <tr> <td></td> <td><b>SUB1 PROG ROM (IC204) No Card</b></td> </tr> </table>	<b>Case PSR-S710</b>	<b>Case PSR-S910</b>	<b>MAIN PROG ROM (IC19) NG</b>	<b>MAIN PROG ROM (IC24, 25) NG</b>	<b>MAIN PROG WR (IC19) NG</b>	<b>MAIN PROG WR (IC24, 25) NG</b>		<b>SUB1 PROG ROM (IC204) NG</b>		<b>SUB1 PROG ROM (IC204) No Card</b>										
<b>Case PSR-S710</b>	<b>Case PSR-S910</b>																					
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<b>MAIN PROG WR (IC19) NG</b>	<b>MAIN PROG WR (IC24, 25) NG</b>																					
	<b>SUB1 PROG ROM (IC204) NG</b>																					
	<b>SUB1 PROG ROM (IC204) No Card</b>																					
3	<b>003 : RAM Check1</b> OK: <div style="border: 1px solid black; padding: 2px; width: fit-content;">003 : RAM Check1 OK</div> NG: <div style="border: 1px solid black; padding: 2px; width: fit-content;">003 : RAM Check1 MAIN SDRAM (IC*** , *** ) NG SUB1 SDRAM (IC*** ) NG</div> <small>(Sub1: PSR-S910 only)</small> <small>***: Location Number of IC</small>	<p>Checking the RAM connected to the CPU bus. (Simplified check) Check that "RAM Check1 OK" is displayed on the LCD.</p> <table border="0"> <tr> <td><b>Case PSR-S710</b></td> <td><b>Case PSR-S910</b></td> </tr> <tr> <td><b>MAIN SDRAM (IC2, 6) NG</b></td> <td><b>MAIN SDRAM (IC2, 6) NG</b></td> </tr> <tr> <td></td> <td><b>SUB1 SDRAM (IC203) NG</b></td> </tr> <tr> <td></td> <td><b>SUB1 SDRAM (IC203) No Card</b></td> </tr> </table>	<b>Case PSR-S710</b>	<b>Case PSR-S910</b>	<b>MAIN SDRAM (IC2, 6) NG</b>	<b>MAIN SDRAM (IC2, 6) NG</b>		<b>SUB1 SDRAM (IC203) NG</b>		<b>SUB1 SDRAM (IC203) No Card</b>												
<b>Case PSR-S710</b>	<b>Case PSR-S910</b>																					
<b>MAIN SDRAM (IC2, 6) NG</b>	<b>MAIN SDRAM (IC2, 6) NG</b>																					
	<b>SUB1 SDRAM (IC203) NG</b>																					
	<b>SUB1 SDRAM (IC203) No Card</b>																					
4	<b>004 : BACKUP ROM Check1</b> OK: <div style="border: 1px solid black; padding: 2px; width: fit-content;">004 : BACKUP ROM Check1 OK</div> NG: <div style="border: 1px solid black; padding: 2px; width: fit-content;">004 : BACKUP ROM Check1 (IC*** ) NG</div> <small>***: Location Number of IC</small>	<p>Checking the BACKUP ROM connected to the CPU bus. (Simplified check) Check that "BACKUP ROM Check1 OK" is displayed on the LCD. It will take about 6 seconds before the test is over.</p> <table border="0"> <tr> <td><b>Case PSR-S710</b></td> <td><b>Case PSR-S910</b></td> </tr> <tr> <td><b>IC20 NG</b></td> <td><b>IC26 NG</b></td> </tr> </table>	<b>Case PSR-S710</b>	<b>Case PSR-S910</b>	<b>IC20 NG</b>	<b>IC26 NG</b>																
<b>Case PSR-S710</b>	<b>Case PSR-S910</b>																					
<b>IC20 NG</b>	<b>IC26 NG</b>																					
5	<b>005 : Wave ROM Check1</b> OK: <div style="border: 1px solid black; padding: 2px; width: fit-content;">005 : Wave ROM Check1 OK</div> NG: <div style="border: 1px solid black; padding: 2px; width: fit-content;">005 : Wave ROM Check1 Wave1 (IC*** , *** ) NG Wave2 (IC*** , *** ) NG</div> <small>***: Location Number of IC</small>	<p>Checking the WAVE ROM connected to the TG bus. (Simplified check) Check that "Wave ROM Check1 OK" is displayed on the LCD.</p> <table border="0"> <tr> <td><b>Case PSR-S710</b></td> <td><b>Case PSR-S910</b></td> </tr> <tr> <td><b>Wave1 (IC302, 309) NG</b></td> <td><b>Wave1 (IC301, 302, 308, 309) NG</b></td> </tr> </table>	<b>Case PSR-S710</b>	<b>Case PSR-S910</b>	<b>Wave1 (IC302, 309) NG</b>	<b>Wave1 (IC301, 302, 308, 309) NG</b>																
<b>Case PSR-S710</b>	<b>Case PSR-S910</b>																					
<b>Wave1 (IC302, 309) NG</b>	<b>Wave1 (IC301, 302, 308, 309) NG</b>																					

Test No.	LCD display	Test descriptions, judging conditions, etc.
6	<p><b>006 : Effect RAM Check1</b> OK:</p> <div style="border: 1px solid black; padding: 2px; width: fit-content;">006 : Effect RAM Check1 OK</div> <p>NG:</p> <div style="border: 1px solid black; padding: 2px; width: fit-content;">006 : Effect RAM Check1 TG1 (IC***) NG</div> <p>***: Location Number of IC</p>	<p>Checking the Effect RAM connected to the TG bus. (Simplified check) Check that <b>"Effect RAM Check1 OK"</b> is displayed on LCD.</p> <p><b>Case PSR-S710</b> <b>TG1 (IC305) NG</b></p> <p><b>Case PSR-S910</b> <b>TG1 (IC306) NG</b></p>
7	<p><b>007 : TG 1 Check</b> OK:</p> <div style="border: 1px solid black; padding: 2px; width: fit-content;">007 : TG 1 Check End</div>	<p>Checking the tone generator 1. Sequentially outputs the sine wave starting from the low keys and switching sounds of the tone generator. (32 notes from C2 to G4) Check that there is no abnormal sounds or noise. <b>"TG 1 Check End"</b> will appear when the test is over.</p>
10	<p><b>010 : Pitch Check</b></p>	<p>Checking sound pitch. <b>Pitch accuracy check:</b> Connect a frequency counter to the [PHONES] jack. (Either L or R) When the test is started, a sine wave of (441 ± 0.2 Hz) will be played. (PAN=Center) <b>Amount of volume decay:</b> Connect a level meter (with a JIS-C filter) to the L/R of the [PHONES] jacks. Set the [MASTER VOLUME] to the minimum. Load should be 33 Ω. Check that the amount of decay is 75.0 dB or more for both L and R of the [PHONES] jack.</p>
11	<p><b>011 : Output R Check</b></p>	<p>Checking the R channel output. Connect a level meter (with a JIS-C filter) to each jack. (PHONES L, R, OUTPUT L/L+R, R) Set the [MASTER VOLUME] to the maximum level and check the output level of the R channel. (1 KHz sine wave, PAN=R) (PHONES L, R: 33 Ω load, OUTPUT L/L+R, R: 10 kΩ load (2 monaural jacks used simultaneously)) · PHONES L: -45.0 dBu or less      PHONES R: -2.6 ± 2 dBu · OUTPUT L/L+R: -40.0 dBu or less      OUTPUT R: +9.1 ± 2 dBu</p>
12	<p><b>012 : Output L Check</b></p>	<p>Checking the L channel output. Connect a level meter (with a JIS-C filter) to each jack. (PHONES L, R, OUTPUT L/L+R, R) Set the [MASTER VOLUME] to the maximum level and check the output level of the L channel. (1 KHz sine wave, PAN = L) (PHONES L, R: 33 Ω load, OUTPUT L/L+R, R: 10 kΩ load (2 monaural jacks used simultaneously)) · PHONES L: -2.6 ± 2 dBu      PHONES R: -45.0 dBu or less · OUTPUT L/L+R: +9.1 ± 2 dBu      OUTPUT R: -40.0 dBu or less</p>
	<p><b>Noise Level</b></p>	<p>After the test 12 is completed, connect the level meter (with a JIS-C filter) to the L/R of the [PHONES] jacks and check the noise level. (PHONES L, R: 33 Ω load) · PHONES L: -80.0 dBu or less      PHONES R: -80.0 dBu or less</p>
13	<p><b>013 : EQ Low Check</b></p>	<p>Checking EQ-LOW frequency. Check that sine wave at about 65.4 Hz (C1) is output with specified level and PAN=Center. Sound production stops when returning to the selection screen with the [START/STOP] button.</p>
14	<p><b>014 : EQ Mid Check</b></p>	<p>Checking EQ-MID frequency. Check that sine wave at about 523 Hz (C4) is output with specified level and PAN=Center. Sound production stops when returning to the selection screen with the [START/STOP] button.</p>
15	<p><b>015 : EQ High Check</b></p>	<p>Checking EQ-HIGH frequency. Check that sine wave at about 4186 Hz (C7) is output with specified level and PAN=Center. Sound production stops when returning to the selection screen with the [START/STOP] button.</p>
18	<p><b>018 : MUTE Check</b> MUTE OFF:</p> <div style="border: 1px solid black; padding: 2px; width: fit-content;">018 : MUTE Check OFF</div> <p>MUTE ON:</p> <div style="border: 1px solid black; padding: 2px; width: fit-content;">018 : MUTE Check ON</div>	<p>Checking MUTE. Set the [MASTER VOLUME] to the maximum level. Connect a level meter (with a JIS-C filter) to the L/R of the [PHONES] jack. (33 Ω load) When the test is started with the [START/STOP] button, sounds can be played (MUTE OFF) and <b>"MUTE Check OFF"</b> is displayed on the LCD. Mute sounds (MUTE ON) with the [TAB ◀] button and <b>"MUTE Check ON"</b> is displayed on the LCD. Cancel the mute function (MUTE OFF) with the [TAB ▶] button and <b>"MUTE Check OFF"</b> is displayed on the LCD. Check output level when [MUTE ON] is selected. PHONES L, R: -80.0 dBu or less</p>

Test No.	LCD display	Test descriptions, judging conditions, etc.
19	<b>019 : SIOF Check</b>	Checking the MEL connection between the SWP51L and CPU. Check that sine wave (A3) is played.
20	<b>020 : MP3 Check</b> (PSR-S910 only)	Conducting connection check for playback of MP3. Check that sine wave (A3) is played.
23	<b>023 : MIC Check</b> (PSR-S910 only)	<b>MIC Check:</b> Connect a microphone to the [MIC] jack and speak into the microphone. Check that there is no abnormal sounds or noise. <b>MIC Level:</b> Connect a level meter (with a JIS-C filter) to the L/R of the [PHONES] connectors. (33 Ω load) Set the [MASTER VOLUME] to the maximum level. Measure at each output jack when 1 kHz sine wave of -40 dBu is input to the [MIC] jack. Set the [MIC/LINE] select switch to [MIC] and set the [INPUT VOLUME] at the maximum level. PHONES L, R: -6.0 ± 2 dBu
24	<b>024 : SW, LED Check</b> OK: <b>024 : SW, LED Check</b> END	Checking switches and switch LEDs. Activate switches shown on the LCD one by one and a sound is played at the prescribed pitch respectively (refer to page 67, 68). When a switch with LED is turned on, the LED will light up, too. (A two-colored LED will light in red.) Sound continues to play as long as the switch is pressed. The LED continues to light until the next switch is pressed. To quit the test halfway, use the [DEMO] button or the lowest key on the keyboard to return to the selection screen. After all the switches are pressed, “Dial Down” will be shown on the LCD for [Data entry] dial check. Turn the [Data entry] dial counterclockwise and the number on the LCD will change from 50 to 0 and “Dial Up” will be shown on the LCD. Next, turn the dial clockwise and the number will change from 0 to 100. Make sure that “SW, LCD Check END” is displayed on the LCD.
25	<b>025 : All LED On Check</b>	Checking whole LEDs’ lighting up. Check that all the LEDs will light. All the LEDs on the PNL side will light with the [TAB ◀] button. All the LEDs on the PNR side will light with the [TAB ▶] button. Two-colored LEDs will light in orange.
26	<b>026 : Red LED On Check</b>	Checking whole red LEDs’ lighting up. Check that all the red LEDs will light. All the red LEDs on the PNL side will light with the [TAB ◀] button. All the red LEDs on the PNR side will light with the [TAB ▶] button.
27	<b>027 : Green LED On Check</b>	Checking whole green LEDs’ lighting up. Check that all the green LEDs will light. All the green LEDs on the PNL side will light with the [TAB ◀] button. All the green LEDs on the PNR side will light with the [TAB ▶] button.
30	<b>030 : All LCD On Check</b>	Checking whole LCD’s lighting up. Check that all the dots in the LCD are turned black.
31	<b>031 : All LCD Off Check</b>	Checking whole LCD’s turning off. Check that all the dots in the LCD are turned white.
33	<b>033 : LCD Pattern Check</b> (PSR-S910 only)	Checking LCD pattern. Use the [TAB ▶] button to select in the order of RGB pattern, rainbow pattern, and flicker noise pattern. Use the [TAB ◀] button to switch in reverse order. The color patterns are for checking LCD picture quality. Check that there is no abnormality in the display.
36	<b>036 : Pitch Bend Wheel Check</b> If the center of the [PITCH BEND] wheel is not detected: <b>036 : Pitch Bend Wheel Check</b> Pitch Bend Center NG  OK: <b>036 : Pitch Bend Wheel Check</b> OK  NG: <b>036 : Pitch Bend Wheel Check</b> NG	Checking PITCH BEND. Detects the center of the [PITCH BEND] wheel. Turn the [PITCH BEND] wheel from the center to minimum and C3 will be played. Turn to maximum and G3 will be played. Then, turn the wheel back to the center and check that C4 is played. Check that “Pitch Bend Wheel Check OK” is displayed on the LCD when the test is completed.

Test No.	LCD display	Test descriptions, judging conditions, etc.
37	<p><b>037 : Modulation Wheel Check</b> OK:</p> <div style="border: 1px solid black; padding: 2px; width: fit-content;">037 : Modulation Wheel Check OK</div>	<p>Checking MODULATION. Turn the [MODULATION] wheel away from you to the end and then toward you to the end. When the wheel is at maximum, C3 is played. When turned to minimum, C4 is played. Check that <b>“Modulation Wheel Check OK”</b> is displayed on the LCD when the test is completed.</p>
42	<p><b>042 : Pedal 1 Check</b> OK:</p> <div style="border: 1px solid black; padding: 2px; width: fit-content;">042 : Pedal 1 Check OK</div>	<p>Checking the Pedal 1. Connect the foot controller (FC7) to the [FOOT PEDAL 1] jack. When the pedal is set to the minimum and C3 is played. When the pedal is set to the maximum and G3 is played. Disconnect the foot controller from the [FOOT PEDAL 1] jack and C4 is played. Check that <b>“Pedal 1 Check OK”</b> is displayed on the LCD when the test is completed.</p>
43	<p><b>043 : Pedal 2 Check</b> OK:</p> <div style="border: 1px solid black; padding: 2px; width: fit-content;">043 : Pedal 2 Check OK</div>	<p>Checking the Pedal 2. Connect the foot controller (FC7) to the [FOOT PEDAL 2] jack. When the pedal is set to the minimum and C3 is played. When the pedal is set to the maximum and G3 is played. Disconnect the foot controller from the [FOOT PEDAL 2] jack and C4 is played. Check that <b>“Pedal 2 Check OK”</b> is displayed on the LCD when the test is completed.</p>
45	<p><b>045 : MIDI Check</b> OK:</p> <div style="border: 1px solid black; padding: 2px; width: fit-content;">045 : MIDI Check OK</div> <p>NG:</p> <div style="border: 1px solid black; padding: 2px; width: fit-content;">045 : MIDI Check NG</div>	<p>Checking MIDI. Connect the [MIDI IN] connector and [MIDI OUT] connector with a MIDI cable and then execute the test. Check that C4 is played and <b>“MIDI Check OK”</b> is displayed on the LCD.</p>
46	<p><b>046 : VIDEO OUT NTSC RGB</b> (PSR-S910 only)</p>	<p>Checking Video OUT. Connect an appropriate display monitor to the [VIDEO OUT] jack. Check that RGB color code is shown on the display monitor when the test is executed.</p>
47	<p><b>047 : VIDEO OUT PAL RGB</b> (PSR-S910 only)</p>	<p>Checking Video OUT. Connect an appropriate display monitor to the [VIDEO OUT] jack. Check that RGB color code is shown on the display monitor when the test is executed.</p>
49	<p><b>049 : USB to Device/Host Check</b> 1:</p> <div style="border: 1px solid black; padding: 2px; width: fit-content;">049 : USB to Device/Host Check Connect Device – Host</div> <p>2:</p> <div style="border: 1px solid black; padding: 2px; width: fit-content;">049 : USB to Device/Host Check Device – Host OK</div> <p>3:</p> <div style="border: 1px solid black; padding: 2px; width: fit-content;">049 : USB to Device/Host Check Connect USB Storage</div> <p>OK:</p> <div style="border: 1px solid black; padding: 2px; width: fit-content;">049 : USB to Device/Host Check OK</div> <p>NG:</p> <div style="border: 1px solid black; padding: 2px; width: fit-content;">049 : USB to Device/Host Check NG</div>	<p>Checking USB Device/Host. Enter the test with the [START/STOP] button and <b>“Connect Device – Host”</b> will be shown on the LCD. When a USB cable is connected to the [USB TO DEVICE] and [USB TO HOST] connectors, <b>“Device – Host OK”</b> is shown on the LCD and quickly followed by <b>“Connect USB Storage”</b>. Disconnect the USB cable from the [USB TO DEVICE] and [USB TO HOST] connectors and then connect a USB storage device to [USB TO DEVICE] connector. Check that C4 will be played and <b>“USB to Device/Host Check OK”</b> will be shown on the LCD.</p>



Test No.	LCD display	Test descriptions, judging conditions, etc.		
50	<p><b>050 : USB Storage Device Check</b> When a floppy disk is not inserted:</p> <div style="border: 1px solid black; padding: 2px;">050 : USB Storage Device Check NO DISK</div> <p>OK:</p> <div style="border: 1px solid black; padding: 2px;">050 : USB Storage Device Check OK</div> <p>NG:</p> <div style="border: 1px solid black; padding: 2px;">050 : USB Storage Device Check NG</div>	<p>Testing if USB Storage devices can be used.</p> <p>Connect a USB storage device (such as a USB floppy drive) to the [USB TO DEVICE] connector and execute the test. (If a USB floppy drive is connected, insert a floppy disk before executing the test. If no floppy disk is inserted, “<b>NO DISK</b>” will be shown on the LCD.)</p> <ol style="list-style-type: none"> <li>1. Conduct sector read/write tests at ten points.</li> <li>2. Reads every 100 sectors from sector 0.</li> <li>3. Compares with the data after sector writing to confirm agreement.</li> </ol> <p>Check that “<b>USB Storage Device Check OK</b>” is displayed on the LCD.</p>		
51	<p><b>051 : LAN Check</b></p> <p>OK:</p> <div style="border: 1px solid black; padding: 2px;">051 : LAN Check OK</div> <p>NG:</p> <div style="border: 1px solid black; padding: 2px;">051 : LAN Check NG</div>	<p>Checking LAN.</p> <p>Connect a router to the [LAN] connector with LAN cable and then execute the test.</p> <p>Check that “<b>LAN Check OK</b>” is displayed on LCD.</p>		
52	<p><b>052 : Keyboard Type Check</b></p> <p>OK:</p> <div style="border: 1px solid black; padding: 2px;">052 : KeyboardType Check OK (16M)</div>	<p>Checking Keyboard Type.</p> <p>Check that “<b>Keyboard Type Check OK (16M)</b>” is displayed on the LCD.</p>		
56	<p><b>056 : ROM Check2</b></p> <p>OK:</p> <div style="border: 1px solid black; padding: 2px;">056 : ROM Check2 OK</div> <p>NG:</p> <div style="border: 1px solid black; padding: 2px;">056 : ROM Check2 MAIN PROG ROM (IC***, ***) NG SUB1 PROG ROM (IC***) NG</div> <p style="text-align: right; font-size: small;">(Sub: PSR-S910 only)</p> <p style="font-size: x-small;">***: Location Number of IC</p>	<p>Checking the ROM connected to the CPU bus. (Complete check)</p> <p>Check that “<b>ROM Check2 OK</b>” is displayed on the LCD.</p> <p>It will take about 9 seconds on PSR-S710 or about 16 seconds on PSR-S910 for the check.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <p><b>Case PSR-S710</b></p> <p><b>MAIN PROG ROM (IC19) NG</b></p> </td> <td style="width: 50%; vertical-align: top;"> <p><b>Case PSR-S910</b></p> <p><b>MAIN PROG ROM (IC24, 25) NG</b></p> <p><b>SUB1 PROG ROM (IC204) NG</b></p> <p><b>SUB1 PROG ROM (IC204) No Card</b></p> </td> </tr> </table>	<p><b>Case PSR-S710</b></p> <p><b>MAIN PROG ROM (IC19) NG</b></p>	<p><b>Case PSR-S910</b></p> <p><b>MAIN PROG ROM (IC24, 25) NG</b></p> <p><b>SUB1 PROG ROM (IC204) NG</b></p> <p><b>SUB1 PROG ROM (IC204) No Card</b></p>
<p><b>Case PSR-S710</b></p> <p><b>MAIN PROG ROM (IC19) NG</b></p>	<p><b>Case PSR-S910</b></p> <p><b>MAIN PROG ROM (IC24, 25) NG</b></p> <p><b>SUB1 PROG ROM (IC204) NG</b></p> <p><b>SUB1 PROG ROM (IC204) No Card</b></p>			
57	<p><b>057 : RAM Check2</b></p> <p>OK:</p> <div style="border: 1px solid black; padding: 2px;">057 : RAM Check2 OK</div> <p>NG:</p> <div style="border: 1px solid black; padding: 2px;">057 : RAM Check2 MAIN SDRAM (IC***, ***) NG SUB1 SDRAM (IC***) NG</div> <p style="text-align: right; font-size: small;">(Sub1: PSR-S910 only)</p> <p style="font-size: x-small;">***: Location Number of IC</p>	<p>Checking the RAM connected to the CPU bus. (Complete check)</p> <p>Check that “<b>RAM Check2 OK</b>” is displayed on the LCD.</p> <p>It will take about 2 seconds for the check.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <p><b>Case PSR-S710</b></p> <p><b>MAIN SDRAM (IC2, 6) NG</b></p> </td> <td style="width: 50%; vertical-align: top;"> <p><b>Case PSR-S910</b></p> <p><b>MAIN SDRAM (IC2, 6) NG</b></p> <p><b>SUB1 SDRAM (IC203) NG</b></p> <p><b>SUB1 SDRAM (IC203) No Card</b></p> </td> </tr> </table>	<p><b>Case PSR-S710</b></p> <p><b>MAIN SDRAM (IC2, 6) NG</b></p>	<p><b>Case PSR-S910</b></p> <p><b>MAIN SDRAM (IC2, 6) NG</b></p> <p><b>SUB1 SDRAM (IC203) NG</b></p> <p><b>SUB1 SDRAM (IC203) No Card</b></p>
<p><b>Case PSR-S710</b></p> <p><b>MAIN SDRAM (IC2, 6) NG</b></p>	<p><b>Case PSR-S910</b></p> <p><b>MAIN SDRAM (IC2, 6) NG</b></p> <p><b>SUB1 SDRAM (IC203) NG</b></p> <p><b>SUB1 SDRAM (IC203) No Card</b></p>			
58	<p><b>058 : BACKUP ROM Check2</b></p> <p>OK:</p> <div style="border: 1px solid black; padding: 2px;">058 : BACKUP ROM Check2 OK</div> <p>NG:</p> <div style="border: 1px solid black; padding: 2px;">058 : BACKUP ROM Check2 (IC***) NG</div> <p style="font-size: x-small;">***: Location Number of IC</p>	<p>Checking the BACKUP ROM connected to the CPU bus. (Complete check)</p> <p>Check that “<b>BACKUP ROM Check2 OK</b>” is displayed on the LCD.</p> <p>It will take about 60 seconds on PSR-S710 or about 100 seconds on PSR-S910 for the check.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <p><b>Case PSR-S710</b></p> <p><b>IC20 NG</b></p> </td> <td style="width: 50%; vertical-align: top;"> <p><b>Case PSR-S910</b></p> <p><b>IC26 NG</b></p> </td> </tr> </table>	<p><b>Case PSR-S710</b></p> <p><b>IC20 NG</b></p>	<p><b>Case PSR-S910</b></p> <p><b>IC26 NG</b></p>
<p><b>Case PSR-S710</b></p> <p><b>IC20 NG</b></p>	<p><b>Case PSR-S910</b></p> <p><b>IC26 NG</b></p>			

Test No.	LCD display	Test descriptions, judging conditions, etc.
59	<p><b>059 : Wave ROM Check2</b></p> <p>OK:</p> <div style="border: 1px solid black; padding: 2px; width: fit-content;">059 : Wave ROM Check2 OK</div> <p>NG:</p> <div style="border: 1px solid black; padding: 2px; width: fit-content;">059 : Wave ROM Check2 Wave1 (IC***, ***) NG Wave2 (IC***, ***) NG</div> <p>***: Location Number of IC</p>	<p>Checking the WAVE ROM connected to the TG bus. (Complete check) Check that <b>“Wave ROM Check2 OK”</b> is displayed on the LCD. It will take about 58 seconds on PSR-S710 or about 78 seconds on PSR-S910 for the check.</p> <p><b>Case PSR-S710</b> <b>Wave1 (IC302, 309) NG</b></p> <p><b>Case PSR-S910</b> <b>Wave1 (IC301, 302, 308, 309) NG</b></p>
60	<p><b>060 : Effect RAM Check2</b></p> <p>OK:</p> <div style="border: 1px solid black; padding: 2px; width: fit-content;">060 : Effect RAM Check2 OK</div> <p>NG:</p> <div style="border: 1px solid black; padding: 2px; width: fit-content;">060 : Effect RAM Check2 TG1 (IC*** ) NG</div> <p>***: Location Number of IC</p>	<p>Checking the Effect RAM connected to the TG bus. (Complete check) Check that <b>“Effect RAM Check2 OK”</b> is displayed on LCD. It will take about 50 seconds on PSR-S710 or about 33 seconds on PSR-S910 for the check.</p> <p><b>Case PSR-S710</b> <b>TG1 (IC305) NG</b></p> <p><b>Case PSR-S910</b> <b>TG1 (IC306) NG</b></p>
61	<b>061 : Panel PCB Check1</b>	Test for factory inspection.
62	<b>062 : Panel PCB Check2</b>	Test for factory inspection.
63	<b>063 : Panel PCB Check3</b>	Test for factory inspection.
67	<b>067 : Factory Set</b>	<p><b>If the Factory Set is executed, Internet setup will be lost.</b> Initializing the entire data to reset to the initial factory setup. * Only the flag for initialization is raised in this stage and the actual initialization will be executed when the power is turned on the next time. After executing this Factory Set, make sure to execute the test No. 68 “Test Exit”. <b>Do not turn off the power until the main screen is indicated after turning on the power the next time.</b></p>
68	<b>068 : Test Exit</b>	<p>This will leave the test program and change to the play mode. <b>Do not turn off the power until the main screen is indicated after executing the Test Exit.</b></p>

• Other Tests

**AUX IN**

Check that the output is as shown in the following table when signals are input to the AUX IN.

INPUT \ OUTPUT	OUTPUT (10 kΩ load)		PHONES (33 Ω load)	
	L/L+R	R	L	R
AUX IN L/L+R: Sine wave (1 kHz, + 12 dBu) R: No input	+8.0 ± 2 dBu	-42.5 dBu or less	-3.7 ± 2 dBu	-39.0 dBu or less
AUX IN L/L+R: No input R: Sine wave (1 kHz, + 12 dBu)	-42.5 dBu or less	+8.0 ± 2 dBu	-39.0 dBu or less	-3.7 ± 2 dBu

**Popping Noise Check**

Connect the oscilloscope to the L/R of the [PHONES] jack (33 Ω load) and turn on and then off the [STANDBY/ON] switch. Make sure that popping noise level is 1.0 V<sub>p-p</sub> or less, and that no abnormal sound or popping noise is output from the speakers.

## Switch Test Sequence (PSR-S710)

Turn	SW Name / Display	Note number	Turn	SW Name / Display	Note number	Turn	SW Name / Display	Note number
1	DEMO	C2	48	SYNC STOP	B5	95	REGIST. MEMORY 5	A5
2	SELECT	C#2	49	SYNC START	C6	96	REGIST. MEMORY 6	A#5
3	SCORE	D2	50	START/STOP	C2	97	REGIST. MEMORY 7	B5
4	LYRICS/TEXT	D#2	51	A	C#2	98	REGIST. MEMORY 8	C6
5	POP & ROCK	E2	52	B	D2	99	MUSIC FINDER	C2
6	SWING & JAZZ	F2	53	C	D#2	100	PART SELECT LEFT	C#2
7	LATIN	F#2	54	D	E2	101	PART SELECT RIGHT 1	D2
8	ENTERTAINER	G2	55	E	F2	102	PART SELECT RIGHT 2	D#2
9	TRANSPOSE –	G#2	56	BALANCE	F#2	103	PIANO	E2
10	TRANSPOSE +	A2	57	MIXING CONSOLE	G2	104	GUITAR & BASS	F2
11	REPEAT	A#2	58	CHANNEL ON/OFF	G#2	105	ORGAN	F#2
12	GUIDE	B2	59	DIRECT ACCESS	A2	106	ACCORDION & HARMONICA	G2
13	EXTRA TR	C3	60	1▲	A#2	107	PERC. & DRUM KIT	G#2
14	TR 2	C#3	61	2▲	B2	108	E. PIANO	A2
15	TR 1	D3	62	3▲	C3	109	SAXOPHONE	A#2
16	BALLAD	D#3	63	4▲	C#3	110	TRUMPET	B2
17	R & B	E3	64	5▲	D3	111	CHOIR & PAD	C3
18	BALLROOM	F3	65	6▲	D#3	112	ORGAN FLUTES	C#3
19	WORLD	F#3	66	7▲	E3	113	ENTER	D3
20	METRONOME	G3	67	8▲	F3	114	PART ON/OFF LEFT HOLD	D#3
21	TAP TEMPO	G#3	68	1▼	F#3	115	PART ON/OFF LEFT	E3
22	REC	A3	69	2▼	G3	116	PART ON/OFF RIGHT 1	F3
23	STOP	A#3	70	3▼	G#3	117	PART ON/OFF RIGHT 2	F#3
24	PLAY/PAUSE	B3	71	4▼	A3	118	STRINGS	G3
25	REW	C4	72	5▼	A#3	119	FLUTE & WOODWIND	G#3
26	FF	C#4	73	6▼	B3	120	BRASS	A3
27	DANCE	D4	74	7▼	C4	121	SYNTH. & FX	A#3
28	COUNTRY	D#4	75	8▼	C#4	122	USER	B3
29	MOVIE & SHOW	E4	76	TAB ◀	D4	123	MULTI PAD CONTROL SELECT	C4
30	USER	F4	77	TAB ▶	D#4	124	MULTI PAD CONTROL 1	C#4
31	TEMPO –	F#4	78	F	E4	125	MULTI PAD CONTROL 2	D4
32	TEMPO +	G4	79	G	F4	126	MULTI PAD CONTROL 3	D#4
33	FADE IN/OUT	G#4	80	H	F#4	127	MULTI PAD CONTROL 4	E4
34	OTS LINK	A4	81	I	G4	128	MULTI PAD CONTROL STOP	F4
35	AUTO FILL IN	A#4	82	J	G#4	129	ONE TOUCH SETTING 1	F#4
36	ACMP	B4	83	FUNCTION	A4	130	ONE TOUCH SETTING 2	G4
37	INTRO I	C5	84	USB	A#4	131	ONE TOUCH SETTING 3	G#4
38	INTRO II	C#5	85	INTERNET	B4	132	ONE TOUCH SETTING 4	A4
39	INTRO III	D5	86	EXIT	C5	133	HARMONY/ECHO	A#4
40	MAIN VARIATION A	D#5	87	REGIST BANK –	C#5	134	TOUCH	B4
41	MAIN VARIATION B	E5	88	REGIST BANK +	D5	135	SUSTAIN	C5
42	MAIN VARIATION C	F5	89	FREEZE	D#5	136	MONO	C#5
43	MAIN VARIATION D	F#5	90	MEMORY	E5	137	DSP	D5
44	BREAK	G5	91	REGIST. MEMORY 1	F5	138	VARI.	D#5
45	ENDING/rit. I	G#5	92	REGIST. MEMORY 2	F#5	139	UPPER OCTAVE –	E5
46	ENDING/rit. II	A5	93	REGIST. MEMORY 3	G5	140	UPPER OCTAVE +	F5
47	ENDING/rit. III	A#5	94	REGIST. MEMORY 4	G#5			

## Switch Test Sequence (PSR-S910)

Turn	SW Name / Display	Note number	Turn	SW Name / Display	Note number	Turn	SW Name / Display	Note number
1	DEMO	C2	48	ENDING/rit. III	B5	95	REGIST. MEMORY 4	A5
2	SELECT	C#2	49	SYNC STOP	C6	96	REGIST. MEMORY 5	A#5
3	SCORE	D2	50	SYNC START	C2	97	REGIST. MEMORY 6	B5
4	LYRICS/TEXT	D#2	51	START/STOP	C#2	98	REGIST. MEMORY 7	C6
5	POP & ROCK	E2	52	A	D2	99	REGIST. MEMORY 8	C2
6	SWING & JAZZ	F2	53	B	D#2	100	MUSIC FINDER	C#2
7	LATIN	F#2	54	C	E2	101	PART SELECT LEFT	D2
8	ENTERTAINER	G2	55	D	F2	102	PART SELECT RIGHT 1	D#2
9	TRANSPOSE –	G#2	56	E	F#2	103	PART SELECT RIGHT 2	E2
10	TRANSPOSE +	A2	57	BALANCE	G2	104	PIANO	F2
11	REPEAT	A#2	58	MIXING CONSOLE	G#2	105	GUITAR & BASS	F#2
12	GUIDE	B2	59	CHANNEL ON/OFF	A2	106	ORGAN	G2
13	EXTRA TR	C3	60	DIRECT ACCESS	A#2	107	ACCORDION & HARMONICA	G#2
14	TR 2	C#3	61	1▲	B2	108	PERC. & DRUM KIT	A2
15	TR 1	D3	62	2▲	C3	109	E. PIANO	A#2
16	BALLAD	D#3	63	3▲	C#3	110	SAXOPHONE	B2
17	R & B	E3	64	4▲	D3	111	TRUMPET	C3
18	BALLROOM	F3	65	5▲	D#3	112	CHOIR & PAD	C#3
19	WORLD	F#3	66	6▲	E3	113	ORGAN FLUTES	D3
20	METRONOME	G3	67	7▲	F3	114	ENTER	D#3
21	TAP TEMPO	G#3	68	8▲	F#3	115	PART ON/OFF LEFT HOLD	E3
22	MIC SETTING	A3	69	1▼	G3	116	PART ON/OFF LEFT	F3
23	REC	A#3	70	2▼	G#3	117	PART ON/OFF RIGHT 1	F#3
24	STOP	B3	71	3▼	A3	118	PART ON/OFF RIGHT 2	G3
25	PLAY/PAUSE	C4	72	4▼	A#3	119	STRINGS	G#3
26	REW	C#4	73	5▼	B3	120	FLUTE & WOODWIND	A3
27	FF	D4	74	6▼	C4	121	BRASS	A#3
28	DANCE	D#4	75	7▼	C#4	122	SYNTH. & FX	B3
29	COUNTRY	E4	76	8▼	D4	123	USER	C4
30	MOVIE & SHOW	F4	77	TAB ◀	D#4	124	MULTI PAD CONTROL SELECT	C#4
31	USER	F#4	78	TAB ▶	E4	125	MULTI PAD CONTROL 1	D4
32	TEMPO –	G4	79	F	F4	126	MULTI PAD CONTROL 2	D#4
33	TEMPO +	G#4	80	G	F#4	127	MULTI PAD CONTROL 3	E4
34	FADE IN/OUT	A4	81	H	G4	128	MULTI PAD CONTROL 4	F4
35	OTS LINK	A#4	82	I	G#4	129	MULTI PAD CONTROL STOP	F#4
36	AUTO FILL IN	B4	83	J	A4	130	ONE TOUCH SETTING 1	G4
37	ACMP	C5	84	FUNCTION	A#4	131	ONE TOUCH SETTING 2	G#4
38	INTRO I	C#5	85	USB	B4	132	ONE TOUCH SETTING 3	A4
39	INTRO II	D5	86	INTERNET	C5	133	ONE TOUCH SETTING 4	A#4
40	INTRO III	D#5	87	EXIT	C#5	134	HARMONY/ECHO	B4
41	MAIN VARIATION A	E5	88	REGIST BANK –	D5	135	TOUCH	C5
42	MAIN VARIATION B	F5	89	REGIST BANK +	D#5	136	SUSTAIN	C#5
43	MAIN VARIATION C	F#5	90	FREEZE	E5	137	MONO	D5
44	MAIN VARIATION D	G5	91	MEMORY	F5	138	DSP	D#5
45	BREAK	G#5	92	REGIST. MEMORY 1	F#5	139	VARI.	E5
46	ENDING/rit. I	A5	93	REGIST. MEMORY 2	G5	140	UPPER OCTAVE –	F5
47	ENDING/rit. II	A#5	94	REGIST. MEMORY 3	G#5	141	UPPER OCTAVE +	F#5

## DATA BACKUP

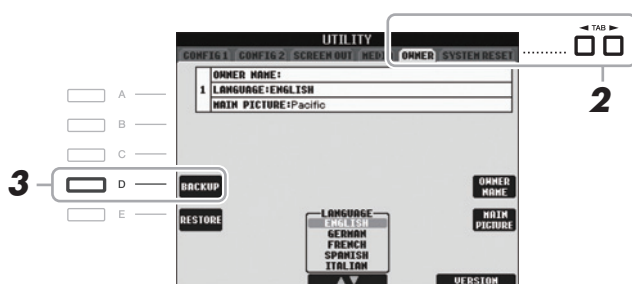
This procedure backs up all data stored in USER drive (except Protected Songs) and all settings including Internet Direct Connection settings.

For maximum data security Yamaha recommends that you copy or save your important data to a USB storage device. This provides a convenient backup if the internal memory is damaged.

**1** Insert/connect the backup USB storage device (destination).

**2** Call up the operation display.

[FUNCTION] → [J] UTILITY → TAB [◀|▶] OWNER



**3** Press the [D] (BACKUP) button to save the data to the USB storage device.

To restore the data, press the [E] (RESTORE) button in this display. When the operation is complete, the instrument will be re-started automatically.



Completing the backup/restore operation may take a few minutes.



Move the Protected Songs which are saved to the USER display before restoring. If the Songs are not moved, the operation deletes the data.



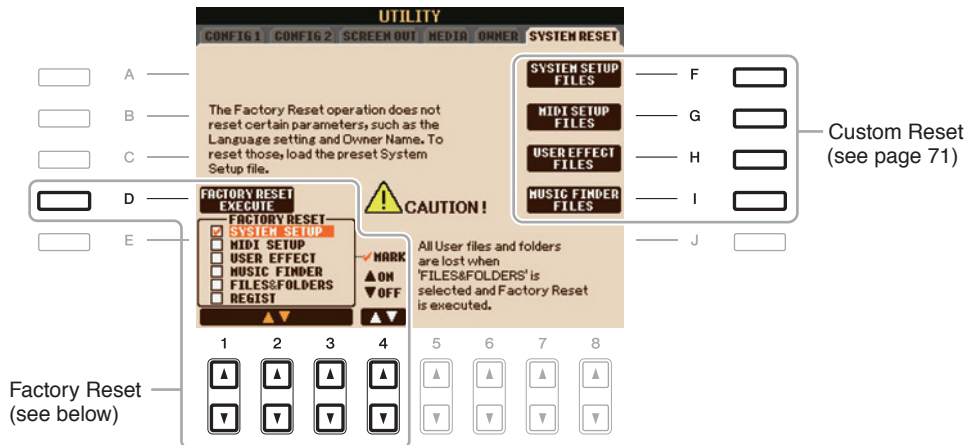
To save the Song, Style, Multi Pad, Registration Memory Bank and Voice independently, execute the Copy and Paste operation from the File Selection display.



To save the Music Finder Record, Effect, MIDI Template and System File, call up the operation display: [FUNCTION] → [J] UTILITY → TAB [◀|▶] SYSTEM RESET. For more information, refer to the Reference Manual on the website.

# SYSTEM RESET

There are two reset methods in the SYSTEM RESET display: Factory Reset and Custom Reset.



## • Factory Reset—Restoring the Factory Programmed Settings

This function lets you restore the status of the instrument to the original factory settings.

**1** Select the desired item to be restored by using [1 ▲▼]–[3 ▲▼] buttons and add a checkmark to it by pressing the [4 ▲] (MARK ON) button.

To remove the checkmark, press the [4 ▼] (MARK OFF) button.

SYSTEM SETUP	Restores the System Setup parameters to the original factory settings. Refer to the Data List for details about which parameters belong to the System Setup.
MIDI SETUP	Restores the MIDI settings including the MIDI templates on the USER tab display to the original factory status.
USER EFFECT	Restores the User Effect settings including the user effect types, user master EQ types, and user vocal harmony types (PSR-S910) created via the Mixing Console display to the original factory settings.
MUSIC FINDER	Restores the Music Finder data (all records) to the original factory settings.
FILES & FOLDERS	Deletes all files and folders stored in the USER tab display.
REGIST	Temporarily deletes the current Registration Memory settings of the selected Bank. The same can be done also by turning the [STANDBY/ON] button ON while holding the B5 key (right-most B key on the keyboard).

**2** Press the [D] (FACTORY RESET) button to execute the Factory Reset operation for all check-marked items.

## • Custom Reset—Saving and Recalling Your Original Settings as a Single File

For the items below, you can save your Original Settings as a Single File for future recall.

**1** Make all desired settings on the instrument.

**2** Call up the operation display.

[FUNCTION] → [J] UTILITY → TAB [◀][▶] SYSTEM RESET

**3** Press one of the [F]–[I] buttons to call up the relevant display for saving your data.

[F]	SYSTEM SETUP FILES	Parameters set on the various displays such as the [FUNCTION] → [J] UTILITY and microphone setting display (PSR-S910) are handled as a single System Setup file. Refer to the Data List for details on which parameters belong to the System Setup.
[G]	MIDI SETUP FILES	The MIDI settings including the MIDI templates on the USER tab display are handled as a single file.
[H]	USER EFFECT FILES	The User Effect settings including the user effect types, user master EQ types, and user vocal harmony types (PSR-S910) created via the Mixing Console displays are managed as a single file.
[I]	MUSIC FINDER FILES	All the preset and created records of the Music Finder are handled as a single file.

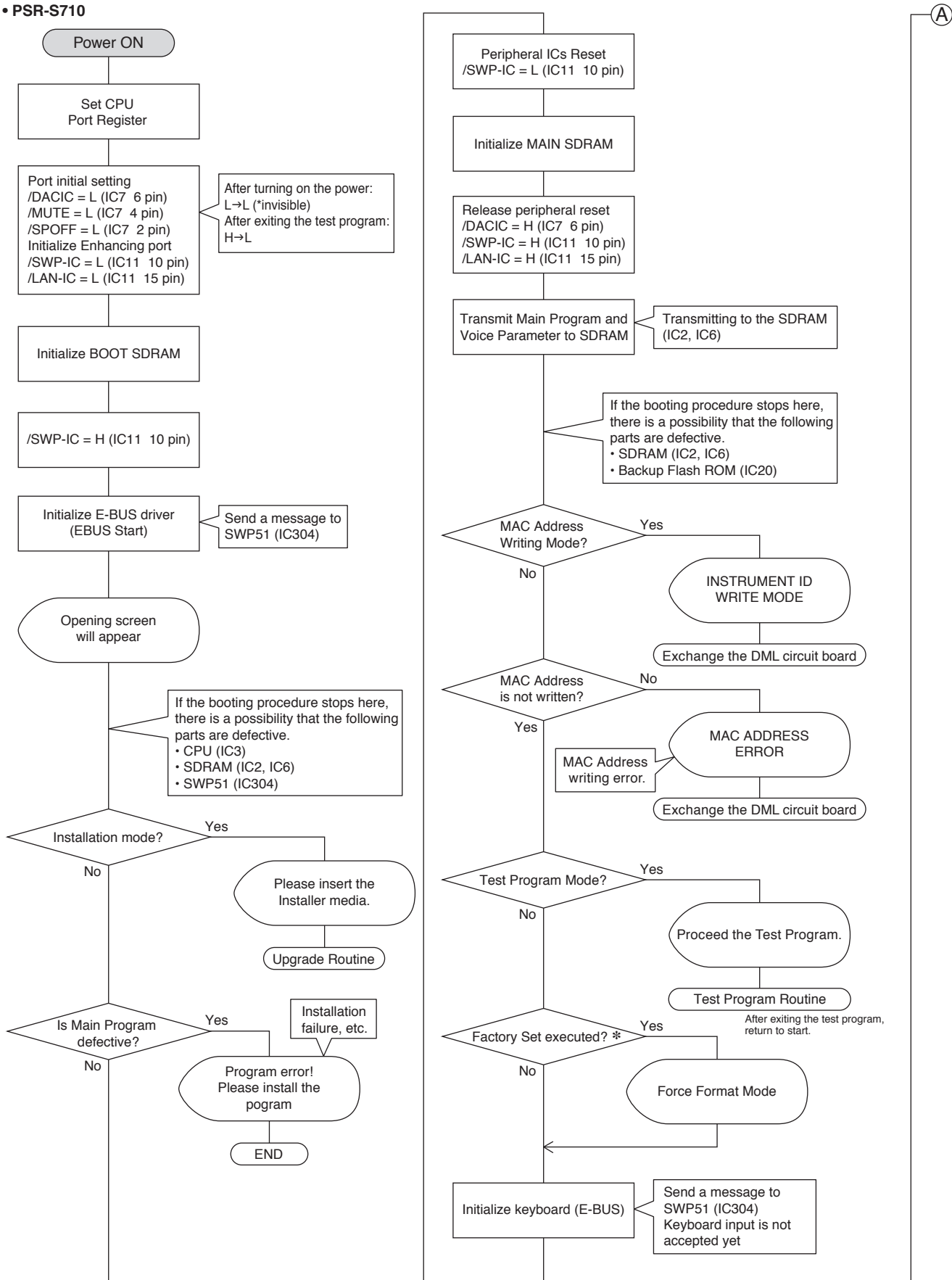
**4** Use the TAB [◀][▶] buttons to select one of the tabs (other than the PRESET) to which your settings will be saved.

**5** Press the [6 ▼] (SAVE) button to save your file.

**6** To recall your file, press the desired [F]–[I] buttons in the SYSTEM RESET display, then select the desired file.

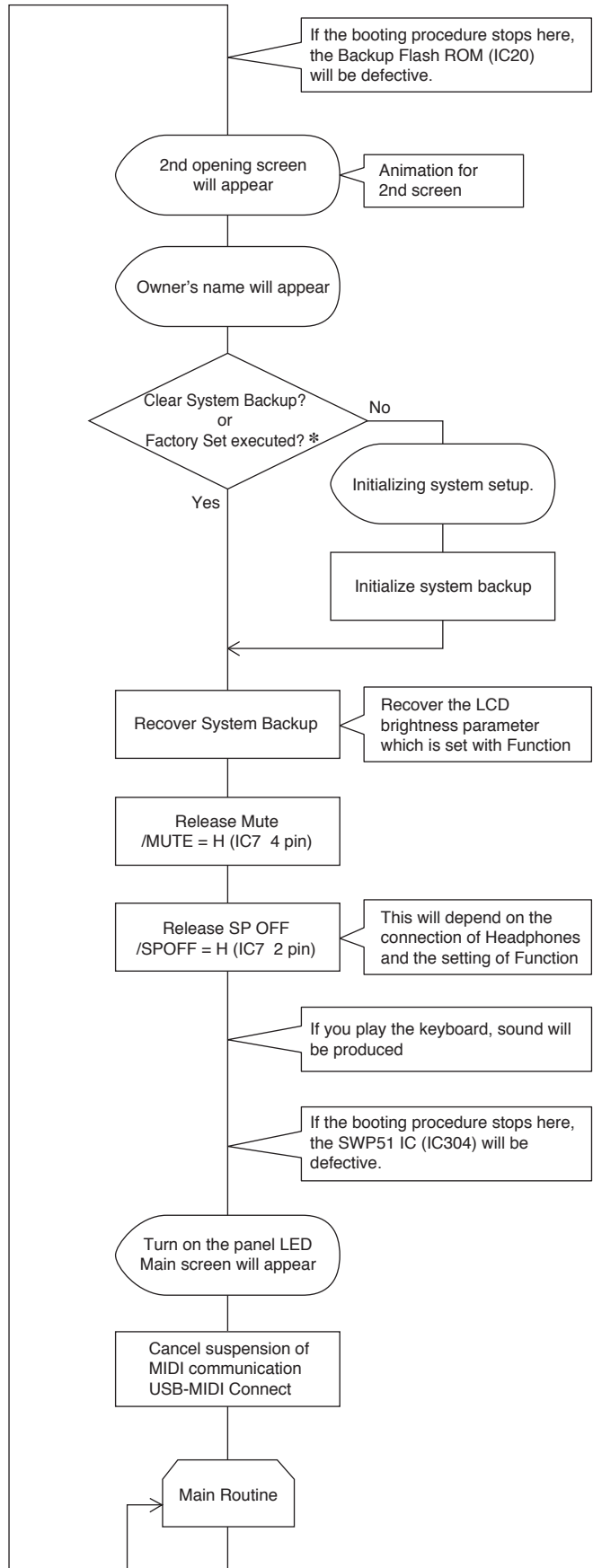
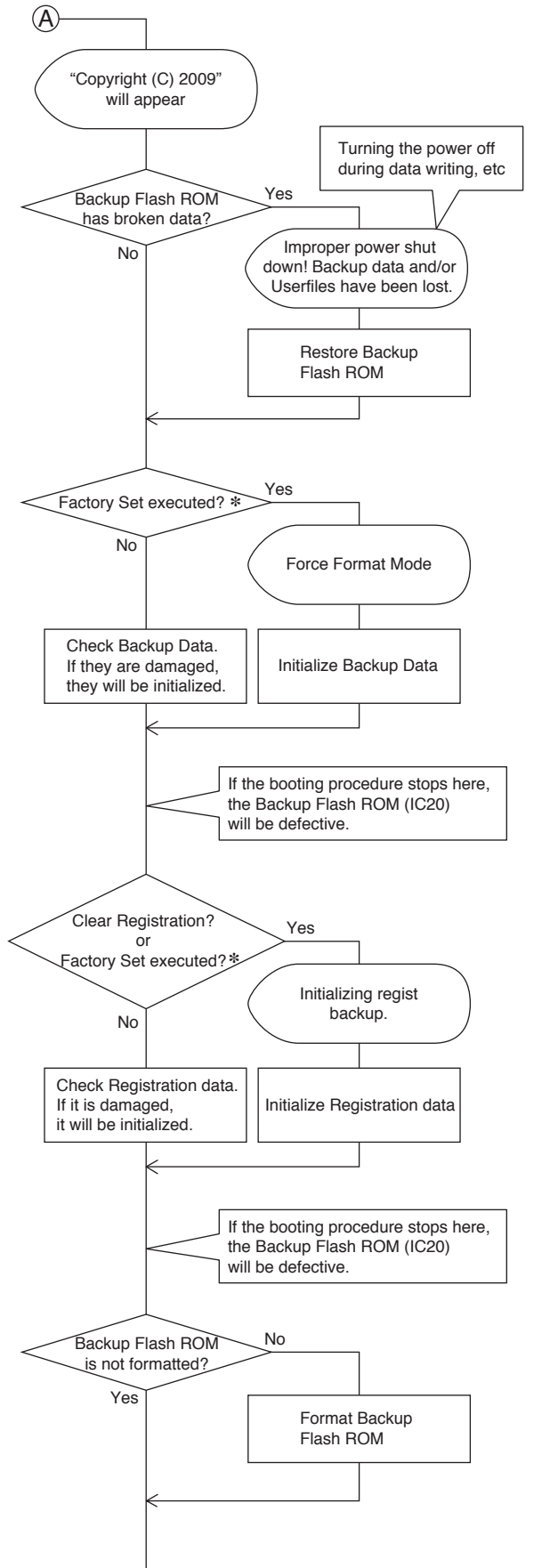
# SYSTEM BOOTING FLOWCHART

• PSR-S710

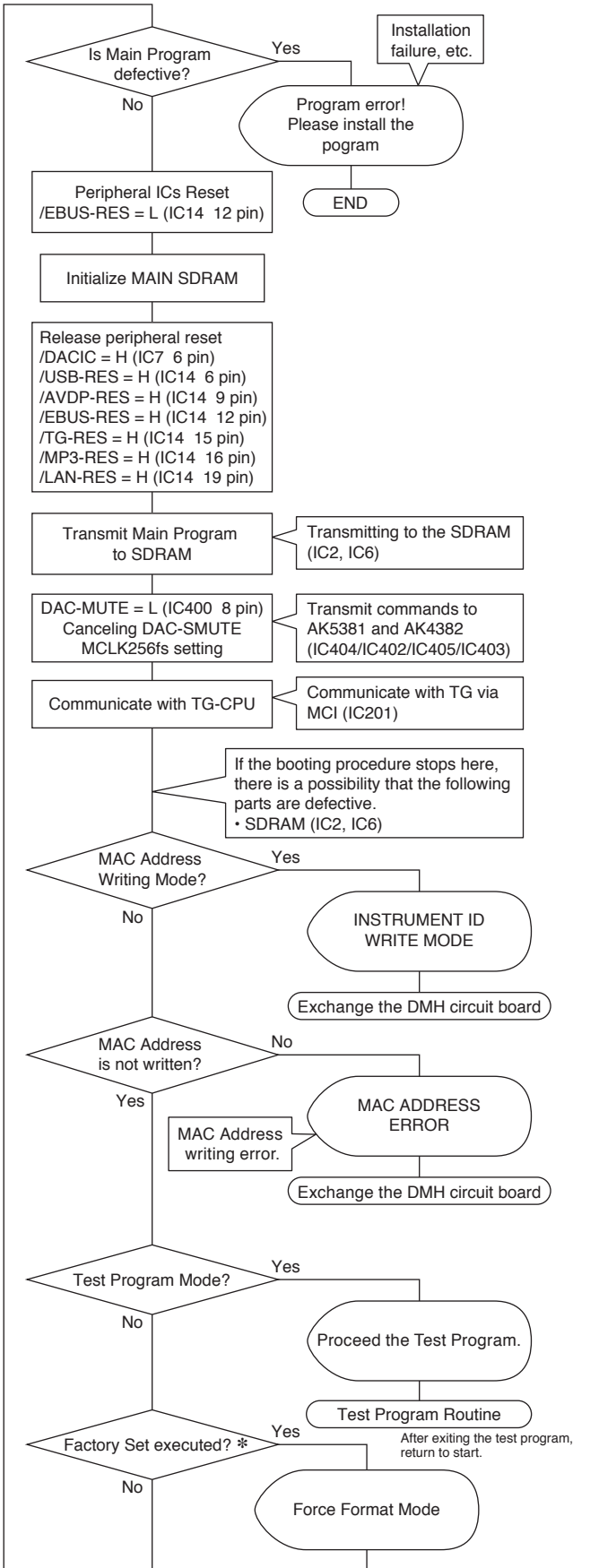
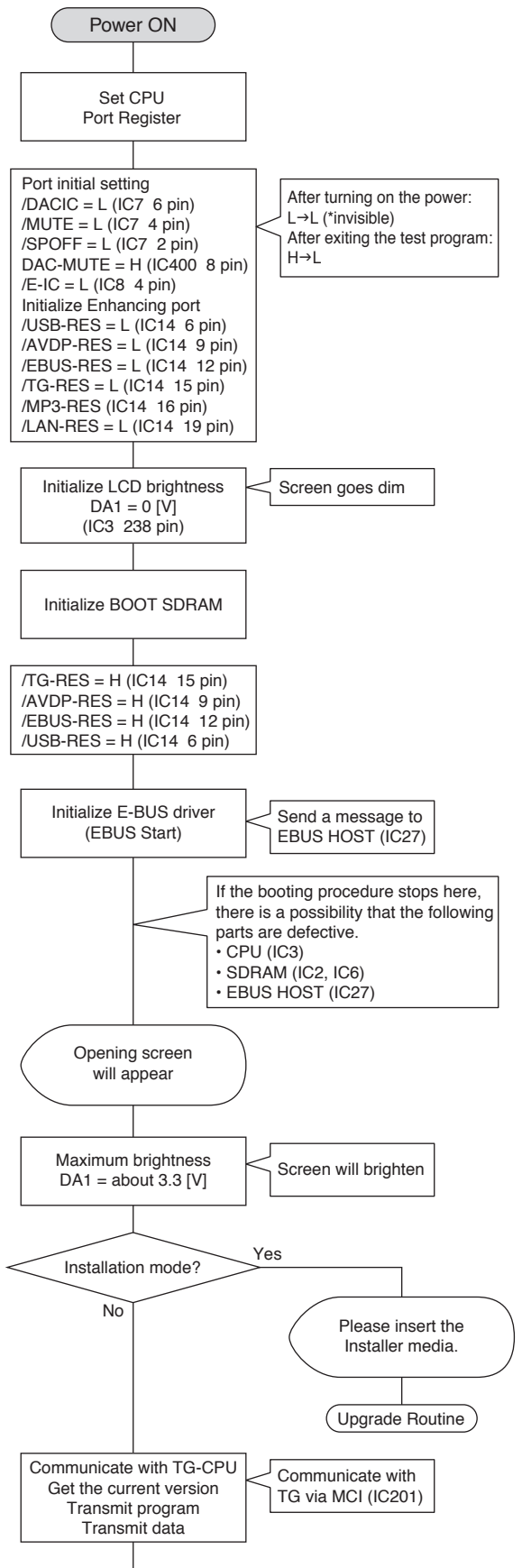


\* "After executing Factory Set" refers to the condition when the power is turned on after executing "Factory Set" in the Test Program.

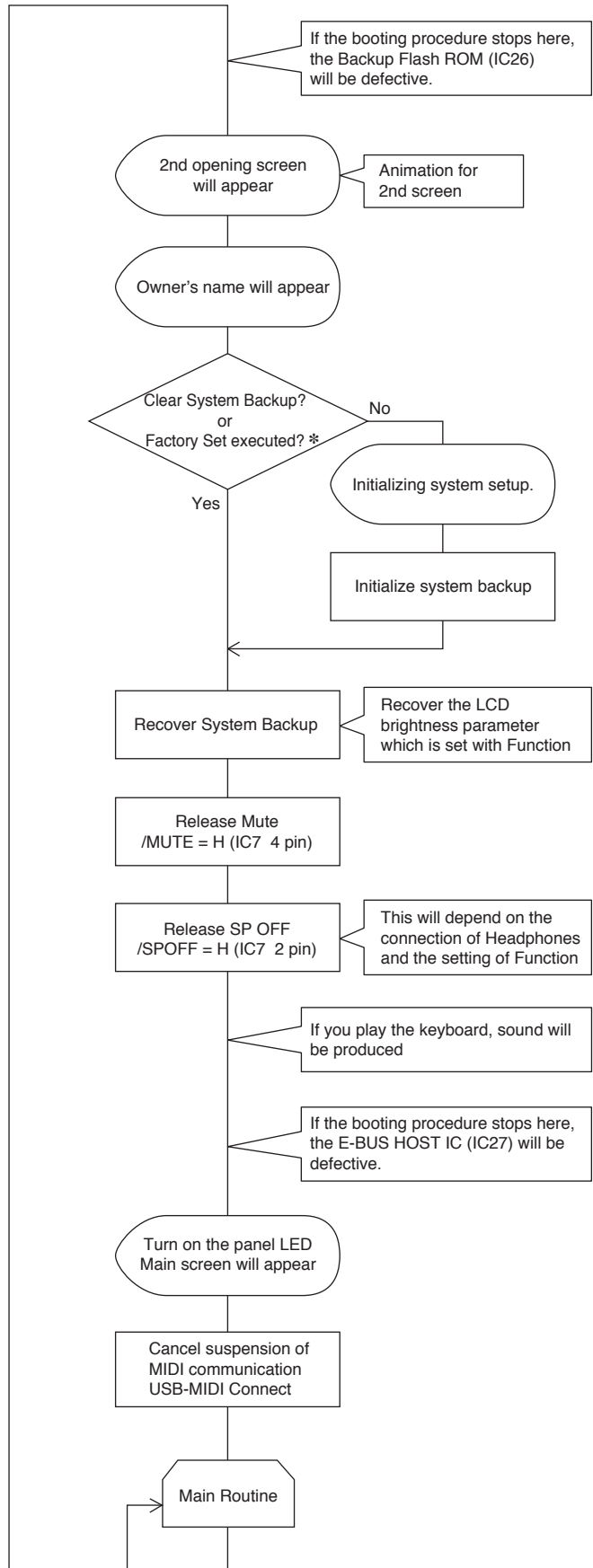
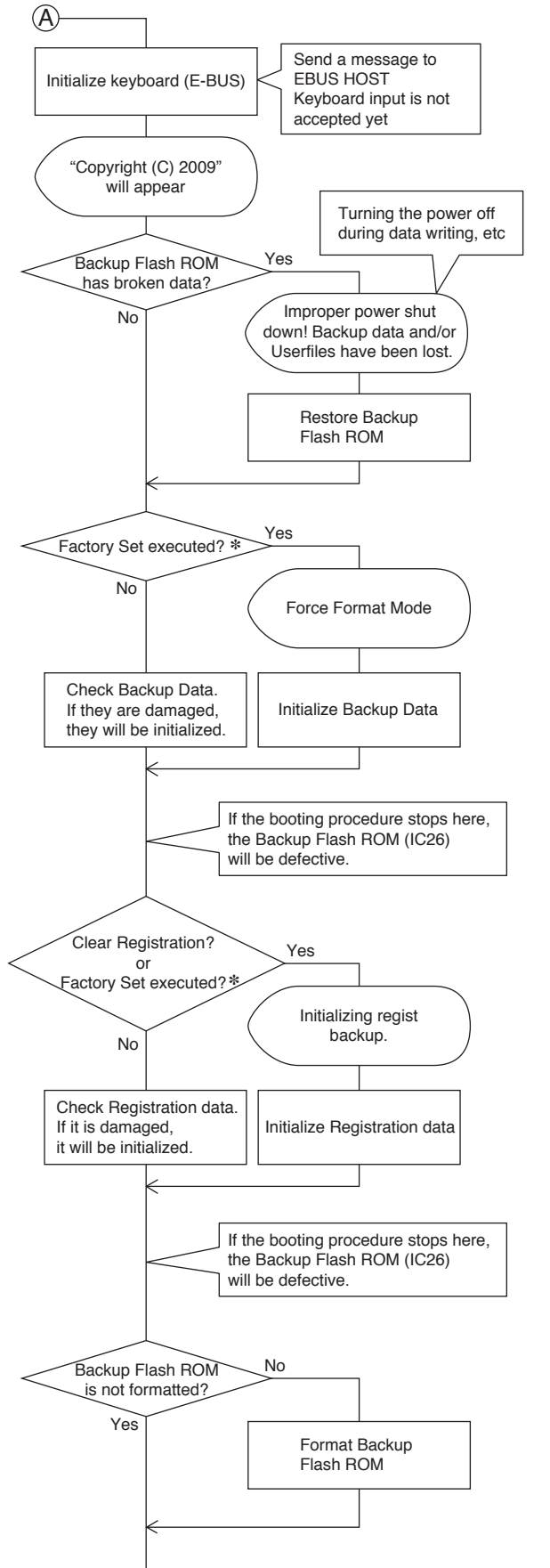




• PSR-S910



\* "After executing Factory Set" refers to the condition when the power is turned on after executing "Factory Set" in the Test Program.



# MIDI IMPLEMENTATION CHART

YAMAHA [ Portable Keyboard ]  
 Model PSR-S910/S710 MIDI Implementation Chart

Date : 05-Feb-2009  
 Version : 1.00

Function...	Transmitted	Recognized	Remarks	
Basic Channel	Default Changed	1 - 16 1 - 16	1 - 16 1 - 16	
Mode	Default Messages Altered	3 X *****	3 X X	
Note Number : True voice		0 - 127 *****	0 - 127 0 - 127	
Velocity	Note ON Note OFF	O 9nH,v=1-127 X 9nH,v=0	O 9nH,v=1-127 X	
After Touch	Key's Ch's	X X	O O	
Pitch Bend		O	O 0 - 24 semi	
Control Change	0,32 1,5,7,10,11 6,38 64,65,66,67 71,72,73,74 80 84 91,93,94 96,97 98,99 100,101	O O O O O O O X O O	O O O O O O O O O O	Bank Select Data Entry Sound Controller Portamento Cntrl Effect Depth RPN Inc,Dec NRPN LSB,MSB RPN LSB,MSB
Prog Change : True #		O 0 - 127 *****	O 0 - 127	
System Exclusive		O	O	
Common	: Song Pos. : Song Sel. : Tune	X X X	X X X	
System Real Time	: Clock : Commands	O O	O O	
Aux Messages	: All Sound Off : Reset All Cntrls : Local ON/OFF : All Notes OFF : Active Sense : Reset	X X X X O X	O (120,126,127) O (121) O (122) O (123-125) O X	
Notes:				

Mode 1 : OMNI ON , POLY  
 Mode 3 : OMNI OFF, POLY

Mode 2 : OMNI ON , MONO  
 Mode 4 : OMNI OFF, MONO

O : Yes  
 X : No

# MIDI DATA FORMAT

Many MIDI messages listed in the MIDI Data Format are expressed in decimal numbers, binary numbers and hexadecimal numbers. Hexadecimal numbers may include the letter "H" as a suffix. Also, "n" can freely be defined as any whole number. To enter data/values, refer to the table below.

Decimal	Hexadecimal	Binary	Decimal	Hexadecimal	Binary	Decimal	Hexadecimal	Binary	Decimal	Hexadecimal	Binary
0	00	0000 0000	32	20	0010 0000	64	40	0100 0000	96	60	0110 0000
1	01	0000 0001	33	21	0010 0001	65	41	0100 0001	97	61	0110 0001
2	02	0000 0010	34	22	0010 0010	66	42	0100 0010	98	62	0110 0010
3	03	0000 0011	35	23	0010 0011	67	43	0100 0011	99	63	0110 0011
4	04	0000 0100	36	24	0010 0100	68	44	0100 0100	100	64	0110 0100
5	05	0000 0101	37	25	0010 0101	69	45	0100 0101	101	65	0110 0101
6	06	0000 0110	38	26	0010 0110	70	46	0100 0110	102	66	0110 0110
7	07	0000 0111	39	27	0010 0111	71	47	0100 0111	103	67	0110 0111
8	08	0000 1000	40	28	0010 1000	72	48	0100 1000	104	68	0110 1000
9	09	0000 1001	41	29	0010 1001	73	49	0100 1001	105	69	0110 1001
10	0A	0000 1010	42	2A	0010 1010	74	4A	0100 1010	106	6A	0110 1010
11	0B	0000 1011	43	2B	0010 1011	75	4B	0100 1011	107	6B	0110 1011
12	0C	0000 1100	44	2C	0010 1100	76	4C	0100 1100	108	6C	0110 1100
13	0D	0000 1101	45	2D	0010 1101	77	4D	0100 1101	109	6D	0110 1101
14	0E	0000 1110	46	2E	0010 1110	78	4E	0100 1110	110	6E	0110 1110
15	0F	0000 1111	47	2F	0010 1111	79	4F	0100 1111	111	6F	0110 1111
16	10	0001 0000	48	30	0011 0000	80	50	0101 0000	112	70	0111 0000
17	11	0001 0001	49	31	0011 0001	81	51	0101 0001	113	71	0111 0001
18	12	0001 0010	50	32	0011 0010	82	52	0101 0010	114	72	0111 0010
19	13	0001 0011	51	33	0011 0011	83	53	0101 0011	115	73	0111 0011
20	14	0001 0100	52	34	0011 0100	84	54	0101 0100	116	74	0111 0100
21	15	0001 0101	53	35	0011 0101	85	55	0101 0101	117	75	0111 0101
22	16	0001 0110	54	36	0011 0110	86	56	0101 0110	118	76	0111 0110
23	17	0001 0111	55	37	0011 0111	87	57	0101 0111	119	77	0111 0111
24	18	0001 1000	56	38	0011 1000	88	58	0101 1000	120	78	0111 1000
25	19	0001 1001	57	39	0011 1001	89	59	0101 1001	121	79	0111 1001
26	1A	0001 1010	58	3A	0011 1010	90	5A	0101 1010	122	7A	0111 1010
27	1B	0001 1011	59	3B	0011 1011	91	5B	0101 1011	123	7B	0111 1011
28	1C	0001 1100	60	3C	0011 1100	92	5C	0101 1100	124	7C	0111 1100
29	1D	0001 1101	61	3D	0011 1101	93	5D	0101 1101	125	7D	0111 1101
30	1E	0001 1110	62	3E	0011 1110	94	5E	0101 1110	126	7E	0111 1110
31	1F	0001 1111	63	3F	0011 1111	95	5F	0101 1111	127	7F	0111 1111

- Except the table above, for example 144-159 (decimal)/9nH/1001 0000-1001 1111 (binary) denotes the Note On Message for each channel (1-16). 176-191/BnH/1011 0000-1011 1111 denotes the Control Change Message for each channel (1-16). 192-207/CnH/ 1100 0000-1100 1111 denotes the Program Change Message for each channel (1-16). 240/F0H/1111 0000 denotes the start of a System Exclusive Message. 247/F7H/1111 0111 denotes the end of a System Exclusive Message.
- aaH (hexadecimal)/0aaaaaaa (binary) denotes the data address. The address contains High, Mid, and Low.
- bbH/0bbbbbbb denotes the byte count.
- ccH/0ccccccc denotes the check sum.
- ddH/0ddddddd denotes the data/value.

MIDI CHANNEL MESSAGE (1)

MIDI Events	Status byte	[MIDI]															[Song Creator]				
		1st Data byte		2nd Data byte		Voice		MIDI Reception					MIDI Transmission					PLAY		REC	
		Status	Data (HEX)	Parameter	Data (HEX)	Parameter	Regular/ Drum/ Organ Voice	Mic/Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower	PLAY		REW
Key Off [GM1] [GM2]	8nH (n: Channel Number)	kk	Key no. (0-127)	vv	Velocity (0-127)	O	O (Harmony Channel/ Melody Channel)	O	O	O	O	O	X	X	O	O	X	O	X	X	
Key On [GM1] [GM2]	9nH (n: Channel Number)	kk	Key no. (0-127)	vv	Key On: vv=1-127 Key Off: vv=0	O	O (Harmony Channel/ Melody Channel)	O	O	O	O	O	●	O	O	O	●	O	X	O	
Control Change	BnH	0 (00H)	Bank Select MSB [GM2]	0 (00H) 8 (08H) 8 (08H) 64 (40H) 120 (78H) 121 (79H) 126 (7EH) 127 (7FH)	Normal Mega Voice SA Voice SFX Voice GM2 Rhythm GM2 Normal SFX Kit Drum Kit	O	X	O	O	O (Right1)	O	O	●	O	●	●	X	O	O	O	
		1 (01H)	Modulation [GM1] [GM2]	0-127 (00H...7FH)	Data	O	X	O	O	O (All Keyboard parts)	O	O	●	O	O	O	●	O	O	O	O
		5 (05H)	Portamento Time [GM2]	0-127 (00H...7FH)	Data	O (Except Organ Flutes)	X	O	O	O (All Keyboard parts)	X	O	●	O	X	O	X	O	O	O	O
		6 (06H)	Data Entry MSB [GM2]	0-127 (00H...7FH)	Data	O	O (Harmony Channel/ Melody Channel)	O	O	O (All Keyboard parts)	O	O	●	O	O	O	O	X	O	X	O
		7 (07H)	Main Volume [GM1] [GM2]	0-127 (00H...7FH)	Data	O	O (A/D Part Receive Channel)	O	O	O (All Keyboard parts)	O	O	●	O	●	●	X	O	O	O	
		10 (0AH)	Panpot [GM1] [GM2]	0-127 (00H...7FH)	L64...C...R63	O	O (A/D Part Receive Channel)	O	O	O (All Keyboard parts)	O	O	●	O	●	●	X	O	O	O	
		11 (0BH)	Expression [GM1] [GM2]	0-127 (00H...7FH)	Data	O	X	O	O	O (All Keyboard parts)	O	O	●	●	●	●	●	O	O	O	
		32 (20H)	Bank Select LSB [GM2]	0-127 (00H...7FH)	Data	O	X	O	O	O (Right1)	O	O	●	O	●	●	X	O	O	O	
		38 (26H)	Data Entry LSB [GM2]	0-127 (00H...7FH)	Data	O	X	O	O	O (All Keyboard parts)	X	O	●	O	X	O	X	O	X	O	
		64 (40H)	Sustain (Damper) [GM1] [GM2]	0-127 (00H...7FH)	Data	O	O (Harmony Channel/ Melody Channel)	O	O	O (All Keyboard parts)	X	O	●	O	X	O	●	O	O	O	
		65 (41H)	Portamento [GM2]	0-127 (00H...7FH)	0...63, 64...127 (OFF, ON)	O (Except Organ Flutes)	X	O	O	O (All Keyboard parts)	X	O	●	O	X	O	●	O	O	O	
		66 (42H)	Sostenuto [GM2]	0-127 (00H...7FH)	0...63, 64...127 (OFF, ON)	O	X	O	O	O (All Keyboard parts)	X	O	●	O	X	O	●	O	O	O	
		67 (43H)	Soft Pedal [GM2]	0-127 (00H...7FH)	0...63, 64...127 (OFF, ON)	O	X	O	O	O (All Keyboard parts)	X	O	●	O	X, ON	O	●	O	O	O	
		71 (47H)	Harmonic Content [GM2]	0-127 (00H...7FH)	-64...0...+63	O	X	O	O	O (All Keyboard parts)	O	O	●	O	●	●	X	O	O	O	
		72 (48H)	Release Time [GM2]	0-127 (00H...7FH)	-64...0...+63	O	X	O	O	O (All Keyboard parts)	O	O	●	O	O	O	X	O	O	O	
		73 (49H)	Attack Time [GM2]	0-127 (00H...7FH)	-64...0...+63	O	X	O	O	O (All Keyboard parts)	O	O	●	O	O	O	X	O	O	O	
		74 (4AH)	Brightness [GM2]	0-127 (00H...7FH)	-64...0...+63	O	X	O	O	O (All Keyboard parts)	O	O	●	O	●	●	X	O	O	O	
		75 (4BH)	Decay Time [GM2]	0-127 (00H...7FH)	-64...0...+63	O	X	O	O	O (All Keyboard parts)	O	O	X	X	X	O	X	O	O	X	
		76 (4CH)	Vibrato Rate [GM2]	0-127 (00H...7FH)	-64...0...+63	O	X	O	O	O (All Keyboard parts)	O	O	X	X	X	O	X	O	O	X	
		77 (4DH)	Vibrato Depth [GM2]	0-127 (00H...7FH)	-64...0...+63	O	X	O	O	O (All Keyboard parts)	O	O	X	X	X	O	X	O	O	X	
78 (4EH)	Vibrato Delay [GM2]	c (00H...7FH)	-64...0...+63	O	X	O	O	O (All Keyboard parts)	O	O	X	X	X	O	X	O	O	X			
80 (50H)	General Purpose Controller (Articulation 1)	0-127 (00H...7FH)	0: OFF 127: ON	O (SA Voice only)	X	O	X	X	X	X	●	X	X	O	X	O	O	O			
84 (54H)	Portamento Control	0-127 (00H...7FH)	Key no. (0-127)	O	X	O	O	O	X	O	O	O	●	O	X	O	X	O			
91 (5BH)	Effect1 Depth (Reverb Send Level) [GM2]	0-127 (00H...7FH)	Data	O	O (A/D Part Receive Channel)	O	O	O (All Keyboard parts)	O	O	●	●	●	●	X	O	O	O			
93 (5DH)	Effect3 Depth (Chorus Send Level) [GM2]	0-127 (00H...7FH)	Data	O	O (A/D Part Receive Channel)	O	O	O (All Keyboard parts)	O	O	●	●	●	●	X	O	O	O			
94 (5EH)	Effect4 Depth (Variation Send Level)	0-127 (00H...7FH)	Data	O	X	O	O	O (All Keyboard parts)	O	O	O	O	●	●	X	O	O	X			

●: Transmitted via panel operations and keyboard/controller performances.

MIDI Events	Status byte	[MIDI]																[Song Creator]									
		1st Data byte		2nd Data byte		Voice		MIDI Reception					MIDI Transmission					PLAY		REC							
		Data (HEX)	Parameter	Data (HEX)	Parameter	Regular/Drum/Organ Voice	Mic/Vocal Harmony	Song	Right1/Right2/Left	Keyboard	Style	Extra	Right1/Right2/Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/Right2/Left)							
		96 (60H)	RPN Increment	-	-	The data byte is ignored.	0	0	0	0	X	0	0	0	0	X	0	X	0	X	0	X	0	X	X		
		97 (61H)	RPN Decrement	-	-	The data byte is ignored.	0	0	0	0	X	0	0	0	0	X	0	X	0	X	0	X	0	X	X		
		98 (62H)	NRPN LSB	0-127 (00H...7FH)	Data		0	0	0	X	0	0	0	0	●	0	0	0	0	X	0	0	0	0	0		
		99 (63H)	NRPN MSB	0-127 (00H...7FH)	Data		0	0	0	X	0	0	0	0	●	0	0	0	0	X	0	0	0	0	0		
		100 (64H)	RPN LSB [GM2]	0-127 (00H...7FH)	Data		0	0	0	0	0	0	0	0	●	0	0	0	0	X	0	0	0	0	0		
		101 (65H)	RPN MSB [GM2]	0-127 (00H...7FH)	Data		0	0	0	0	0	0	0	0	●	0	0	0	0	X	0	0	0	0	0		
Mode Message	BnH (n: Channel Number)	120 (78H)	All Sound Off [GM2]	0 (00H)	Data		0	0	0	0	0	0	0	0	X	0	X	0	X	0	X	0	X	0	X		
		121 (79H)	Reset All Controllers [GM1] [GM2]	0 (00H)	Data		0	X	0	X	X	X	X	X	X	X	X	X	0	X	0	X	0	X	0	X	
		122 (7AH)	Local Control	0 127 (00H (7FH)	OFF ON	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		123 (7BH)	All Note Off [GM1] [GM2]	0 (00H)	Data		0	0	0	0	0	0	0	0	0	X	0	X	0	X	0	X	0	X	0	X	
		124 (7CH)	Omni Off [GM2]	0 (00H)	Data		0	X	0 (*1)	X	X	X	X	X	X	0	X	0	X	0	X	0	X	0	X	0	X
		125 (7DH)	Omni On [GM2]	0 (00H)	Data		0	X	0 (*2)	X	X	X	X	X	0	X	0	X	0	X	0	X	0	X	0	X	X
		126 (7EH)	Mono [GM2]	0-16 (00H...10H)	Data		0	X	0	X	X	X	X	X	0	X	0	X	0	X	0	X	0	X	0	X	X
		127 (7FH)	Poly [GM2]	0 (00H)	Data		0	X	0	X	X	X	X	X	0	X	0	X	0	X	0	X	0	X	0	X	X
Program Change [GM1] [GM2]	CnH (n: Channel Number)	pp (00H...7FH)	Voice Number (0-127)	-	-	-	0	X	0	0	0	0	0	0	●	0	●	●	X	0	0	0	0	0	0		
Channel After Touch [GM1] [GM2]	DnH (n: Channel Number)	vv (00H...7FH)	Data	-	-	-	0	X	0	0	0	0	0	0	X	0	X	0	X	0	X	0	X	0	0		
Polyphonic After Touch	AnH (n: Channel Number)	kk (00H...7FH)	Key no. (0-127)	vv (00H...7FH)	Data		0	X	0	X	X	X	X	X	X	X	X	0	X	0	X	0	X	0	X		
Pitch Bend Change [GM1] [GM2]	ErH (n: Channel Number)	cc (00H...7FH)	LSB	dd (00H...7FH)	MSB		0	0	0	0	0	0	0	0	●	0	0	0	0	●	0	0	0	0	0		
Realtime Message	F8H MIDI Clock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	FAH Start	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	FBH Continue	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	FCH Stop	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	FEH Active Sense [GM2]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	FFH System Reset	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

●: Transmitted via panel operations and keyboard/controller performances.

About Mic/Vocal Harmony column:

(HarmonyChannel/Melody Channel): The relevant parameters are received by the song part designated by the Effect's Harmony Channel Parameter or Melody Channel Parameter.  
 (A/D Part Receive Channel): The relevant parameters are received by the song part designated by the XG's AD Part Receive Ch.

\*1: Same operation as when receiving All Note Off.

\*2: Same operation as when receiving All Note Off. OMNI ON is not enabled.

Mic/Vocal Harmony

PSR-S710	X
PSR-S910	O

SA (Super Articulation)

PSR-S710	X
PSR-S910	O

[GM1] ... GM Required Parameter  
 [GM2] ... GM Level 2 Required Parameter

MIDI CHANNEL MESSAGE (2)

NRPN				[MIDI]												[Song Creator]				
MSB	LSB	Data Entry		Parameter	Data Range	Voice		MIDI Reception						MIDI Transmission				PLAY		REC
		MSB	LSB			Regular/ Drum/ Organ Voice	Mic/Vocal Harmony	Song	Right/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	
01H	08H	mmH	--	Vibrato Rate	mm: 00H-40H-7FH (-64...0...+63)	0	0	0	0	X	0	0	●	0	0	0	X	0	0	0
01H	09H	mmH	--	Vibrato Depth	mm: 00H-40H-7FH (-64...0...+63)	0	0	0	0	X	0	0	●	0	0	0	X	0	0	0
01H	0AH	mmH	--	Vibrato Delay	mm: 00H-40H-7FH (-64...0...+63)	0	0	0	0	X	0	0	●	0	0	0	X	0	0	0
01H	20H	mmH	--	Low Pass Filter Cutoff Frequency	mm: 00H-40H-7FH (-64...0...+63)	0	X	0	X	X	0	X	X	0	X	0	X	0	0	X
01H	21H	mmH	--	Low Pass Filter Resonance	mm: 00H-40H-7FH (-64...0...+63)	0	X	0	X	X	0	X	X	0	X	0	X	0	0	X
01H	30H	mmH	--	EQ Bass Gain	mm: 00H-40H-7FH (-64...0...+63)	0	X	0	X	X	0	X	X	0	X	0	X	0	0	X
01H	31H	mmH	--	EQ Treble Gain	mm: 00H-40H-7FH (-64...0...+63)	0	X	0	X	X	0	X	X	0	X	0	X	0	0	X
01H	34H	mmH	--	EQ Bass Frequency	mm: 04H-28H (32...2.0k[Hz])	0	X	0	X	X	X	X	X	0	X	0	X	0	0	X
01H	35H	mmH	--	EQ Treble Frequency	mm: 1CH-3AH (500...16.0k[Hz])	0	X	0	X	X	X	X	X	0	X	0	X	0	0	X
01H	63H	mmH	--	EG Attack Time	mm: 00H-40H-7FH (-64...0...+63)	0	X	0	X	X	0	X	X	0	X	0	X	0	0	X
01H	64H	mmH	--	EG Decay Time	mm: 00H-40H-7FH (-64...0...+63)	0	X	0	0	X	0	0	●	0	0	0	X	0	0	0
01H	66H	mmH	--	EG Release	mm: 00H-40H-7FH (-64...0...+63)	0	X	0	X	X	0	X	X	0	X	0	X	0	0	X
14H	rrH	mmH	--	Drum Low Pass Filter Cutoff Frequency	rr: drum instrument note number mm: 00H-40H-7FH (-64...0...+63)	0	X	0	X	X	X	X	X	0	0	0	X	0	0	X
15H	rrH	mmH	--	Drum Low Pass Filter Resonance	rr: drum instrument note number mm: 00H-40H-7FH (-64...0...+63)	0	X	0	X	X	X	X	X	0	0	0	X	0	0	X
16H	rrH	mmH	--	Drum EG Attack Rate	rr: drum instrument note number mm: 00H-40H-7FH (-64...0...+63)	0	X	0	X	X	X	X	X	0	0	0	X	0	0	X
17H	rrH	mmH	--	Drum EG Decay Rate	rr: drum instrument note number mm: 00H-40H-7FH (-64...0...+63)	0	X	0	X	X	X	X	X	0	0	0	X	0	0	X
18H	rrH	mmH	--	Drum Pitch Coarse	rr: drum instrument note number mm: 00H-40H-7FH (-64...0...+63)	0	X	0	X	X	X	X	X	0	0	0	X	0	0	X
19H	rrH	mmH	--	Drum Pitch Fine	rr: drum instrument note number mm: 00H-40H-7FH (-64...0...+63)	0	X	0	X	X	X	X	X	0	0	0	X	0	0	X
1AH	rrH	mmH	--	Drum Level	rr: drum instrument note number mm: 00H-7FH (0...127)	0	X	0	X	X	X	X	X	0	0	0	X	0	0	X
1CH	rrH	mmH	--	Drum Pan	rr: drum instrument note number mm: 00H, 01H-40H-7FH (RND, L63...C...R63)	0	X	0	X	X	X	X	X	0	0	0	X	0	0	X
1DH	rrH	mmH	--	Drum Reverb Send Level	rr: drum instrument note number mm: 00H-7FH (0...127)	0	X	0	X	X	X	X	X	0	0	0	X	0	0	X
1EH	rrH	mmH	--	Drum Chorus Send Level	rr: drum instrument note number mm: 00H-7FH (0...127)	0	X	0	X	X	X	X	X	0	0	0	X	0	0	X
1FH	rrH	mmH	--	Drum Variation Send Level	rr: drum instrument note number mm: 00H-7FH (0...127) (Variation Connection = SYSTEM) mm: 00H, 01H-7FH (OFF, ON) (Variation Connection = INSERTION)	0	X	0	X	X	X	X	X	0	0	0	X	0	0	X
30H	rrH	mmH	--	Drum EQ Bass Gain	rr: drum instrument note number mm: 00H-7FH (0...127)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
31H	rrH	mmH	--	Drum EQ Treble Gain	rr: drum instrument note number mm: 00H-7FH (0...127)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
34H	rrH	mmH	--	Drum EQ Bass Frequency	rr: drum instrument note number mm: 04H-28H (32...2.0k[Hz])	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
35H	rrH	mmH	--	Drum EQ Treble Frequency	rr: drum instrument note number mm: 1CH-3AH (500...16.0k[Hz])	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

● Transmitted via panel operations and keyboard/controller performances.  
 NRPN MSB: 14H-1FH (for drums) message is accepted as long as the channel is set with a drum voice.  
 Data Entry LSB: Ignored.

NRPN (Vocal Harmony)				[MIDI]												[Song Creator]				
MSB	LSB	Data Entry		Parameter	Data Range	Voice		MIDI Reception						MIDI Transmission				PLAY		REC
		MSB	LSB			Regular/ Drum/ Organ Voice	Mic/Vocal Harmony	Song	Right/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	
00H	00H	mmH	--	Harmony Mute	mm: 00H-3FH, 40H-7FH (Off, On)	X	0	X	X	X	X	X	X	X	X	0	X	0	X	X
01H	1AH	mmH	--	Detune Modulation	mm: 00H-7FH (0...127)	X	0	X	X	X	X	X	X	X	0	X	0	X	X	
02H	10H	mmH	--	Harmony1 Volume	mm: 00H-7FH (0...127)	X	0	X	X	X	X	X	X	●	X	0	X	X		
02H	11H	mmH	--	Harmony2 Volume	mm: 00H-7FH (0...127)	X	0	X	X	X	X	X	X	●	X	0	X	X		
02H	12H	mmH	--	Harmony3 Volume	mm: 00H-7FH (0...127)	X	0	X	X	X	X	X	X	●	X	0	X	X		
02H	20H	mmH	--	Harmony1 Pan	mm: 00H, 01H-40H-7FH (RND, L63...C...R63)	X	0	X	X	X	X	X	X	●	X	0	X	X		
02H	21H	mmH	--	Harmony2 Pan	mm: 00H, 01H-40H-7FH (RND, L63...C...R63)	X	0	X	X	X	X	X	X	●	X	0	X	X		
02H	22H	mmH	--	Harmony3 Pan	mm: 00H, 01H-40H-7FH (RND, L63...C...R63)	X	0	X	X	X	X	X	X	●	X	0	X	X		
02H	30H	mmH	--	Harmony1 Detune	mm: 00H-40H-7FH (-64...0...+63)	X	0	X	X	X	X	X	X	●	X	0	X	X		
02H	31H	mmH	--	Harmony2 Detune	mm: 00H-40H-7FH (-64...0...+63)	X	0	X	X	X	X	X	X	●	X	0	X	X		
02H	32H	mmH	--	Harmony3 Detune	mm: 00H-40H-7FH (-64...0...+63)	X	0	X	X	X	X	X	X	●	X	0	X	X		

● Transmitted via panel operations and keyboard/controller performances.  
 Message is sent to the Song Channel part set in MicSetting → Vocoder Control → Song Channel.  
 Data Entry LSB: Ignored.



RPN				[MIDI]										[Song Creator]						
MSB	LSB	Data Entry		Parameter	Data Range	Voice		MIDI Reception				MIDI Transmission				PLAY		REC		
		MSB	LSB			Regular/Drum/ Organ Voice	Mic/Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower		PLAY	REW
00H	00H	mmH	--	Pitch Bend Sensitivity [GM1] [GM2]	mm: 00H-18H (0...+24[semitones])	O	O	O	O	O	O	O	O	O	O	O	X	O	O	O
00H	01H	mmH	llH	Fine Tune [GM1] [GM2]	mm ll: 00H 00H -100[cent] ... mm ll: 40H 00H 0[cent] ... mm ll: 7FH 7FH 100[cent]	O	X	O	O	O	O	O	O	O	O	O	X	O	O	O
00H	02H	mmH	--	Coarse Tune [GM1] [GM2]	mm: 28H-40H-58H (-24...0...+24[semitones])	O	X	O	O	O	O	X	O	O	O	X	O	O	X	
00H	05H	mmH	llH	Modulation Sensitivity [GM2]	mm: Specified in semitone steps ll: Specified in 100/128 cent steps	O	X	O	X	X	X	X	X	X	O	X	O	X	X	
7FH	7FH	--	--	Null [GM2]	-	O	O	O	O	O	O	X	O	O	O	X	O	X	X	

● Transmitted via panel operations and keyboard/controller performances.

About Mic/Vocal Harmony column:  
The relevant parameters are received by the song part designated by the Effect's Harmony Channel Parameter or Melody Channel Parameter.

Mic/Vocal Harmony

PSR-S710	X
PSR-S910	O

[GM1] ... GM Required Parameter  
[GM2] ... GM Level 2 Required Parameter

### XG PARAMETER CHANGE TABLE

\* Not received when Receive System Exclusive Message Parameters is set to off.  
\* Not transmitted when Transmit System Exclusive Message Parameters is set to off.

### MIDI Parameter Change table (XG SYSTEM)

Address (H)				[MIDI]				[Song Creator]												
Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	Voice		MIDI Reception				MIDI Transmission				PLAY		REC		
						Regular/Drum/ Organ Voice	Mic/Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower		PLAY	REW
00	00	00 01 02 03	4	00-0F 00-0F 00-0F 00-0F	MASTER TUNE	-102.4...0...+102.3[cent] 1st bit3-0 -> bit15-12 2nd bit3-0 -> bit11-8 3rd bit3-0 -> bit7-4 4th bit3-0 -> bit3-0	*Panel setting value	O	O	O	O	O	O	O	O	O	O	O	X	X
		04	1	00-7F	MASTER VOLUME	0...127	7F	O	X	O	O	O	O	O	O	O	O	O	O	X
		05	1	00-7F	MASTER ATTENUATOR	0...127	00	X	X	O	O	O	O	O	O	O	O	O	X	X
		06	1	28-58	TRANSPOSE	-24...0...+24[semitones]	40	O	O	O	O	O	O	O	O	O	O	O	O	X
		7D	1	N	DRUM SETUP RESET	N: Drum setup number	-	O	X	O	O	O	O	O	O	O	O	O	O	X
		7E	1	00	XG SYSTEM ON	00=XG system ON	-	O	X	O	O	O	O	O	O	O	O	O	O	X
		7F	1	00	ALL PARAMETER RESET	00=ON	-	O	X	O	O	O	O	O	O	O	O	O	O	X

TOTAL SIZE 07

● Transmitted via panel operations

### MIDI Parameter Change table (SYSTEM INFORMATION)

Address (H)				[MIDI]				[Song Creator]											
Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	Voice		MIDI Reception				MIDI Transmission				PLAY		REC	
						Regular/Drum/ Organ Voice	Mic/Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower		PLAY
01	00	00 0D 0E 0F	E	20-7F 20-7F	Model Name 1 Model Name 14 NOT USED NOT USED	32...127 (ASCII CHARACTER) 32...127 (ASCII CHARACTER)	-	-	-	-	-	-	-	-	-	-	-	-	-

TOTAL SIZE 10

Transmitted in response to Dump Request. Not received.

### MIDI Parameter Change table (EFFECT1)

Address (H)				[MIDI]				[Song Creator]											
Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	Voice		MIDI Reception				MIDI Transmission				PLAY		REC	
						Regular/Drum/ Organ Voice	Mic/Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower		PLAY
02	01	00	2	00-7F 00-7F	REVERB TYPE MSB REVERB TYPE LSB	Refer to Effect Parameter List	01 (=HALL1) 00	O	O	O	O	O	O	O	O	O	O	O	O
		02	1	00-7F	REVERB PARAMETER 1	Depends on Reverb Type	O	O	O	O	O	O	O	O	O	O	O	O	O
		03	1	00-7F	REVERB PARAMETER 2	Depends on Reverb Type	O	O	O	O	O	O	O	O	O	O	O	O	O
		04	1	00-7F	REVERB PARAMETER 3	Depends on Reverb Type	O	O	O	O	O	O	O	O	O	O	O	O	O
		05	1	00-7F	REVERB PARAMETER 4	Depends on Reverb Type	O	O	O	O	O	O	O	O	O	O	O	O	O
		06	1	00-7F	REVERB PARAMETER 5	Depends on Reverb Type	O	O	O	O	O	O	O	O	O	O	O	O	O

													[MIDI]			[Song Creator]				
Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	Voice		MIDI Reception				MIDI Transmission				PLAY		REC		
						Regular/ Drum/ Organ Voice	Mic/ Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M. Pad	Style	Song	Upper Lower		PLAY	REW
		07	1	00-7F	REVERB PARAMETER 6	Refer to Effect Parameter List	Depends on Reverb Type	0	0		0					●		0	0	0
		08	1	00-7F	REVERB PARAMETER 7		Depends on Reverb Type	0	0		0					●		0	0	0
		09	1	00-7F	REVERB PARAMETER 8		Depends on Reverb Type	0	0		0					●		0	0	0
		0A	1	00-7F	REVERB PARAMETER 9		Depends on Reverb Type	0	0		0					●		0	0	0
		0B	1	00-7F	REVERB PARAMETER 10		Depends on Reverb Type	0	0		0					●		0	0	0
		0C	1	00-7F	REVERB RETURN	--dB...0dB...+6dB (0...64...127)	40	0	0		0					●		0	0	0
		0D	1	01-7F	REVERB PAN	L63...C...R63	40	0	0		0					0		0	0	X
TOTAL SIZE													0E							

02	01	10	1	00-7F	REVERB PARAMETER 11	Refer to Effect Parameter List	Depends on Reverb Type	0	0		0					●		0	0	0
		11	1	00-7F	REVERB PARAMETER 12		Depends on Reverb Type	0	0		0					●		0	0	0
		12	1	00-7F	REVERB PARAMETER 13		Depends on Reverb Type	0	0		0					●		0	0	0
		13	1	00-7F	REVERB PARAMETER 14		Depends on Reverb Type	0	0		0					●		0	0	0
		14	1	00-7F	REVERB PARAMETER 15		Depends on Reverb Type	0	0		0					●		0	0	0
		15	1	00-7F	REVERB PARAMETER 16		Depends on Reverb Type	0	0		0					●		0	0	0
TOTAL SIZE													06							

● Transmitted via panel operations

													[MIDI]			[Song Creator]				
Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	Voice		MIDI Reception				MIDI Transmission				PLAY		REC		
						Regular/ Drum/ Organ Voice	Mic/ Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M. Pad	Style	Song	Upper Lower		PLAY	REW
02	01	20	2	00-7F	CHORUS TYPE MSB	Refer to Effect Parameter List	41 (=CHORUS1)	0	0		0					●		0	0	0
				00-7F	CHORUS TYPE LSB		00													
		22	1	00-7F	CHORUS PARAMETER 1		Depends on Chorus Type	0	0		0					●		0	0	0
		23	1	00-7F	CHORUS PARAMETER 2		Depends on Chorus Type	0	0		0					●		0	0	0
		24	1	00-7F	CHORUS PARAMETER 3		Depends on Chorus Type	0	0		0					●		0	0	0
		25	1	00-7F	CHORUS PARAMETER 4		Depends on Chorus Type	0	0		0					●		0	0	0
		26	1	00-7F	CHORUS PARAMETER 5		Depends on Chorus Type	0	0		0					●		0	0	0
		27	1	00-7F	CHORUS PARAMETER 6		Depends on Chorus Type	0	0		0					●		0	0	0
		28	1	00-7F	CHORUS PARAMETER 7		Depends on Chorus Type	0	0		0					●		0	0	0
		29	1	00-7F	CHORUS PARAMETER 8		Depends on Chorus Type	0	0		0					●		0	0	0
		2A	1	00-7F	CHORUS PARAMETER 9		Depends on Chorus Type	0	0		0					●		0	0	0
		2B	1	00-7F	CHORUS PARAMETER 10		Depends on Chorus Type	0	0		0					●		0	0	0
		2C	1	00-7F	CHORUS RETURN	--dB...0dB...+6dB (0...64...127)	40	0	0		0					●		0	0	0
		2D	1	01-7F	CHORUS PAN	L63...C...R63	40	0	0		0					0		0	0	X
		2E	1	00-7F	SEND CHORUS TO REVERB	--dB...0dB...+6dB (0...64...127)	00	0	0		0					0		0	0	X
TOTAL SIZE													0F							

02	01	30	1	00-7F	CHORUS PARAMETER 11	Refer to Effect Parameter List	Depends on Chorus Type	0	0		0					●		0	0	0
		31	1	00-7F	CHORUS PARAMETER 12		Depends on Chorus Type	0	0		0					●		0	0	0
		32	1	00-7F	CHORUS PARAMETER 13		Depends on Chorus Type	0	0		0					●		0	0	0
		33	1	00-7F	CHORUS PARAMETER 14		Depends on Chorus Type	0	0		0					●		0	0	0
		34	1	00-7F	CHORUS PARAMETER 15		Depends on Chorus Type	0	0		0					●		0	0	0
		35	1	00-7F	CHORUS PARAMETER 16		Depends on Chorus Type	0	0		0					●		0	0	0
TOTAL SIZE													06							

													[MIDI]			[Song Creator]				
Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	Voice		MIDI Reception				MIDI Transmission				PLAY		REC		
						Regular/ Drum/ Organ Voice	Mic/ Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M. Pad	Style	Song	Upper Lower		PLAY	REW
02	01	40	2	00-7F	VARIATION TYPE MSB	Refer to Effect Parameter List	05 (=DELAY L, C, R)	0	0		0					●		0	0	0
				00-7F	VARIATION TYPE LSB		00													
		42	2	00-7F	VARIATION PARAMETER 1 MSB		Depends on Variation Type	0	0		0					●		0	0	0
				00-7F	VARIATION PARAMETER 1 LSB															
		44	2	00-7F	VARIATION PARAMETER 2 MSB		Depends on Variation Type	0	0		0					●		0	0	0
				00-7F	VARIATION PARAMETER 2 LSB															
		46	2	00-7F	VARIATION PARAMETER 3 MSB		Depends on Variation Type	0	0		0					●		0	0	0
				00-7F	VARIATION PARAMETER 3 LSB															
		48	2	00-7F	VARIATION PARAMETER 4 MSB		Depends on Variation Type	0	0		0					●		0	0	0
				00-7F	VARIATION PARAMETER 4 LSB															
		4A	2	00-7F	VARIATION PARAMETER 5 MSB		Depends on Variation Type	0	0		0					●		0	0	0
				00-7F	VARIATION PARAMETER 5 LSB															
		4C	2	00-7F	VARIATION PARAMETER 6 MSB		Depends on Variation Type	0	0		0					●		0	0	0
				00-7F	VARIATION PARAMETER 6 LSB															
		4E	2	00-7F	VARIATION PARAMETER 7 MSB		Depends on Variation Type	0	0		0					●		0	0	0
				00-7F	VARIATION PARAMETER 7 LSB															
		50	2	00-7F	VARIATION PARAMETER 8 MSB		Depends on Variation Type	0	0		0					●		0	0	0
				00-7F	VARIATION PARAMETER 8 LSB															
		52	2	00-7F	VARIATION PARAMETER 9 MSB		Depends on Variation Type	0	0		0					●		0	0	0
				00-7F	VARIATION PARAMETER 9 LSB															

Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	[MIDI]													[Song Creator]		
						Voice		MIDI Reception				MIDI Transmission					PLAY		REC		
						Regular/Drum/Organ Voice	Mic/Vocal Harmony	Song	Right1/Right2/Left	Keyboard	Style	Extra	Right1/Right2/Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/Right2/Left)	
	54	2	00-7F 00-7F	VARIATION PARAMETER 10 MSB VARIATION PARAMETER 10 LSB	Refer to Effect Parameter List	Depends on Variation Type	○	○		○					●				○	○	○
	56	1	00-7F	VARIATION RETURN	~∞dB...0dB...+6dB (0...64...127)	40	○	○		○					●				○	○	○
	57	1	01-7F	VARIATION PAN	L63...C...R63	40	○	○		○					○				○	○	X
	58	1	00-7F	SEND VARIATION TO REVERB	~∞dB...0dB...+6dB (0...64...127)	00	○	○		○					○				○	○	X
	59	1	00-7F	SEND VARIATION TO CHORUS	~∞dB...0dB...+6dB (0...64...127)	00	○	○		○					○				○	○	X
	5A	1	00-01	VARIATION CONNECTION	INSERTION, SYSTEM	00	○	○		○					●				○	○	○
	5B	1	00-7F	VARIATION PART NUMBER	Reception: Part1...16 (0...15) Transmission: Part1...16 (0...15) AD (64) OFF (127)	7F	○	○		○					●				○	○	○
	5C	1	00-7F	MW VARIATION CONTROL DEPTH	-64...0...+63	40	○	○		○					○				○	○	X
	5D	1	00-7F	BEND VARIATION CONTROL DEPTH	-64...0...+63	40	○	○		○					○				○	○	X
	5E	1	00-7F	CAT VARIATION CONTROL DEPTH	-64...0...+63	40	○	○		○					○				○	○	X
	5F	1	00-7F	AC1 VARIATION CONTROL DEPTH	-64...0...+63	40	○	○		○					○				○	○	X
	60	1	00-7F	AC2 VARIATION CONTROL DEPTH	-64...0...+63	40	○	○		○					○				○	○	X

TOTAL SIZE 21

	02	01	70	1	00-7F	VARIATION PARAMETER 11	Refer to Effect Parameter List	Depends on Variation Type	○	○					●				○	○	○
			71	1	00-7F	VARIATION PARAMETER 12		Depends on Variation Type	○	○					●				○	○	○
			72	1	00-7F	VARIATION PARAMETER 13		Depends on Variation Type	○	○					●				○	○	○
			73	1	00-7F	VARIATION PARAMETER 14		Depends on Variation Type	○	○					●				○	○	○
			74	1	00-7F	VARIATION PARAMETER 15		Depends on Variation Type	○	○					●				○	○	○
			75	1	00-7F	VARIATION PARAMETER 16		Depends on Variation Type	○	○					●				○	○	○

TOTAL SIZE 06

●: Transmitted via panel operations.

### MIDI Parameter Change table (MULTI EQ)

Address (H)	Size (H)	Data (H)	Parameter	Description		[MIDI]													[Song Creator]			
						Voice		MIDI Reception				MIDI Transmission					PLAY		REC			
						Regular/Drum/Organ Voice	Mic/Vocal Harmony	Song	Right1/Right2/Left	Keyboard	Style	Extra	Right1/Right2/Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/Right2/Left)		
	02	40	00	1	00-04	EQ TYPE	flat, jazz, pops, rock, classic	*The MULTI EQ Parameter cannot be reset to its factory setting with XG SYSTEM ON.	○	○						○				○	X	X
			01	1	34-4C	EQ GAIN1	-12...0...+12[dB]		○	○					●					○	X	X
			02	1	04-28	EQ FREQUENCY1	32...2.0k[Hz]		○	○					●					○	X	X
			03	1	01-78	EQ Q1	0.1...12.0		○	○					●					○	X	X
			04	1	00-01	EQ SHAPE1	shelving, peaking		○	○					○					○	X	X
			05	1	34-4C	EQ GAIN2	-12...0...+12[dB]		○	○					●					○	X	X
			06	1	0E-36	EQ FREQUENCY2	100...10.0k[Hz]		○	○					●					○	X	X
			07	1	01-78	EQ Q2	0.1...12.0		○	○					●					○	X	X
			08	1		NOT USED			-	-					-					-	-	-
			09	1	34-4C	EQ GAIN3	-12...0...+12[dB]		○	○					●					○	X	X
			0A	1	0E-36	EQ FREQUENCY3	100...10.0k[Hz]		○	○					●					○	X	X
			0B	1	01-78	EQ Q3	0.1...12.0		○	○					●					○	X	X
			0C	1		NOT USED			-	-					-					-	-	-
			0D	1	34-4C	EQ GAIN4	-12...0...+12[dB]		○	○					●					○	X	X
			0E	1	0E-36	EQ FREQUENCY4	100...10.0k[Hz]		○	○					●					○	X	X
			0F	1	01-78	EQ Q4	0.1...12.0		○	○					●					○	X	X
			10	1		NOT USED			-	-					-					-	-	-
			11	1	34-4C	EQ GAIN5	-12...0...+12[dB]		○	○					●					○	X	X
			12	1	1C-3A	EQ FREQUENCY5	0.5k...16.0k[Hz]		○	○					●					○	X	X
			13	1	01-78	EQ Q5	0.1...12.0		○	○					●					○	X	X
			14	1	00-01	EQ SHAPE5	shelving, peaking		○	○					○					○	X	X

TOTAL SIZE 15

●: Transmitted via panel operations.

About PLAY column:

Not available when Function → Utility → Parameter Lock is checked.

### MIDI Parameter Change table (EFFECT2)

Address (H)	Size (H)	Data (H)	Parameter	Description		[MIDI]													[Song Creator]			
						Voice		MIDI Reception				MIDI Transmission					PLAY		REC			
						Regular/Drum/Organ Voice	Mic/Vocal Harmony	Song	Right1/Right2/Left	Keyboard	Style	Extra	Right1/Right2/Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/Right2/Left)		
	03	n	00	2	00-7F 00-7F	INSERTION EFFECT TYPE MSB INSERTION EFFECT TYPE LSB	Refer to Effect Parameter List	*The EFFECT 2 Parameter cannot be reset to its factory setting with XG SYSTEM ON.	○	○						●				○	○	○
			02	1	00-7F	INSERTION EFFECT PARAMETER 1			○	○					●					○	○	○
			03	1	00-7F	INSERTION EFFECT PARAMETER 2			○	○					●					○	○	○
			04	1	00-7F	INSERTION EFFECT PARAMETER 3			○	○					●					○	○	○
			05	1	00-7F	INSERTION EFFECT PARAMETER 4			○	○					●					○	○	○
			06	1	00-7F	INSERTION EFFECT PARAMETER 5			○	○					●					○	○	○
			07	1	00-7F	INSERTION EFFECT PARAMETER 6			○	○					●					○	○	○
			08	1	00-7F	INSERTION EFFECT PARAMETER 7			○	○					●					○	○	○
			09	1	00-7F	INSERTION EFFECT PARAMETER 8			○	○					●					○	○	○
			0A	1	00-7F	INSERTION EFFECT PARAMETER 9			○	○					●					○	○	○
			0B	1	00-7F	INSERTION EFFECT PARAMETER 10			○	○					●					○	○	○

Address (H)	Size (H)	Data (H)	Parameter	Description	[MIDI]													[Song Creator]							
					Voice			MIDI Reception				MIDI Transmission						PLAY		REC					
					Regular/Drum/Organ Voice	Mic/Vocal Harmony	Song	Right1/Right2/Left	Keyboard	Style	Extra	Right1/Right2/Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/Right2/Left)						
	0C	1	00-7F	INSERTION EFFECT PART NUMBER	Reception: Part1...16 (0...15) Transmission: Part1...16 (0...15) AD (64) OFF (127)																				
	0D	1	00-7F	MW INSERTION CONTROL DEPTH	-64...0...+63																				
	0E	1	00-7F	BEND INSERTION CONTROL DEPTH	-64...0...+63																				
	0F	1	00-7F	CAT INSERTION CONTROL DEPTH	-64...0...+63																				
	10	1	00-7F	AC1 INSERTION CONTROL DEPTH	-64...0...+63																				
	11	1	00-7F	AC2 INSERTION CONTROL DEPTH	-64...0...+63																				

TOTAL SIZE 12

	20	1	00-7F	INSERTION EFFECT PARAMETER 11	Refer to Effect Parameter List																				
	21	1	00-7F	INSERTION EFFECT PARAMETER 12																					
	22	1	00-7F	INSERTION EFFECT PARAMETER 13																					
	23	1	00-7F	INSERTION EFFECT PARAMETER 14																					
	24	1	00-7F	INSERTION EFFECT PARAMETER 15																					
	25	1	00-7F	INSERTION EFFECT PARAMETER 16																					

TOTAL SIZE 6

Address (H)	Size (H)	Data (H)	Parameter	Description	[MIDI]													[Song Creator]							
					Voice			MIDI Reception				MIDI Transmission						PLAY		REC					
					Regular/Drum/Organ Voice	Mic/Vocal Harmony	Song	Right1/Right2/Left	Keyboard	Style	Extra	Right1/Right2/Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/Right2/Left)						
	30	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 1 MSB INSERTION EFFECT PARAMETER 1 LSB	Refer to Effect Parameter List																				
	32	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 2 MSB INSERTION EFFECT PARAMETER 2 LSB																					
	34	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 3 MSB INSERTION EFFECT PARAMETER 3 LSB																					
	36	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 4 MSB INSERTION EFFECT PARAMETER 4 LSB																					
	38	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 5 MSB INSERTION EFFECT PARAMETER 5 LSB																					
	3A	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 6 MSB INSERTION EFFECT PARAMETER 6 LSB																					
	3C	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 7 MSB INSERTION EFFECT PARAMETER 7 LSB																					
	3E	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 8 MSB INSERTION EFFECT PARAMETER 8 LSB																					
	40	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 9 MSB INSERTION EFFECT PARAMETER 9 LSB																					
	42	2	00-7F 00-7F	INSERTION EFFECT PARAMETER 10 MSB INSERTION EFFECT PARAMETER 10 LSB																					

TOTAL SIZE 14

● Transmitted via panel operations

The second byte of the address is considered as an Insertion effect number n: insertion effect number

PSR-S710	n = 0~2
PSR-S910	n = 0~2

For effect types that do not require MSB, the Parameters for Address 02-0B will be received and the Parameters for Address 30-42 will not be received.  
For effect types that require MSB, the Parameters for Address 30-42 will be received and the Parameters for Address 02-0B will not be received.  
When bulk dumps that include Effect Type data are transmitted, the parameters for addresses 02-0B will always be transmitted.  
For effects that require MSB however, when a bulk dump is received, the parameters for addresses 02-0B will not be received.

MIDI Parameter Change table (SPECIAL EFFECT)

PSR-S710	X
PSR-S910	O

Address (H)	Size (H)	Data (H)	Parameter	Description	[MIDI]													[Sound Creator]								
					Voice			MIDI Reception				MIDI Transmission						PLAY		REC						
					Regular/Drum/Organ Voice	Mic/Vocal Harmony	Song	Right1/Right2/Left	Keyboard	Style	Extra	Right1/Right2/Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	From panel (Right1/Right2/Left)							
04	00	00	2	00-7F 00-7F	INSERTION EFFECT TYPE MSB INSERTION EFFECT TYPE LSB	Vocoder (89), Chordal (90), Detune (91), Chromatic (92), Thru (0..88, 93..127)	*The SPECIAL EFFECT Parameter cannot be reset to its factory setting with XG SYSTEM ON																			
	02	1	00-7F	INSERTION EFFECT PARAMETER 1 Harmony Mode																						
	03	1	00-7F	INSERTION EFFECT PARAMETER 2 Harmony Gender Type	Off (0), Auto (1)																					
	04	1	00-7F	INSERTION EFFECT PARAMETER 3 Lead Gender Type	Off (0), Unison (1), Male (2), Female (3)																					
	05	1	00-7F	INSERTION EFFECT PARAMETER 4 Lead Gender Depth	-64...0...+63 (0...127)																					
	06	1	00-7F	INSERTION EFFECT PARAMETER 5 Lead Pitch Correction	Free (0), Correct (1)																					
	07	1	00-7F	INSERTION EFFECT PARAMETER 6 Auto Upper Gender Threshold	0...12 (0...12)																					
	08	1	00-7F	INSERTION EFFECT PARAMETER 7 Auto Lower Gender Threshold	0...12 (0...12)																					
	09	1	00-7F	INSERTION EFFECT PARAMETER 8 Upper Gender Depth	-64...0...+63 (0...127)																					
	0A	1	00-7F	INSERTION EFFECT PARAMETER 9 Lower Gender Depth	-64...0...+63 (0...127)																					
	0B	1	00-7F	INSERTION EFFECT PARAMETER 10	L63+L...L=H...L<H63 (1...64...127)																					
	0C	1	00-7F	INSERTION EFFECT PART NUMBER	AD(64), OFF (0...63, 65...127)																					
	0D	1	00-7F	MW INSERTION CONTROL DEPTH	-64...0...+63																					
	0E	1	00-7F	BEND INSERTION CONTROL DEPTH	-64...0...+63																					
	0F	1	00-7F	CAT INSERTION CONTROL DEPTH	-64...0...+63																					



Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	[MIDI]													[Song Creator]				
						Voice			MIDI Reception				MIDI Transmission						PLAY	REC			
						Regular/Drum/Organ Voice	Mic/Vocal Harmony	Song	Right1/Right2/Left	Keyboard	Style	Extra	Right1/Right2/Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	Panel (Right1/Right2/Left)			
38	1	00-01	Rcv MODULATION	OFF, ON	01	O	X	O	X	X	X	X	X	X	X	X	X	O	X	O	X	X	
39	1	00-01	Rcv VOLUME	OFF, ON	01	O	X	O	X	X	X	X	X	X	X	X	X	O	X	O	X	X	
3A	1	00-01	Rcv PAN	OFF, ON	01	O	X	O	X	X	X	X	X	X	X	X	O	X	O	X	X		
3B	1	00-01	Rcv EXPRESSION	OFF, ON	01	O	X	O	X	X	X	X	X	X	X	X	O	X	O	X	X		
3C	1	00-01	Rcv HOLD1	OFF, ON	01	O	X	O	X	X	X	X	X	X	X	X	O	X	O	X	X		
3D	1	00-01	Rcv PORTAMENTO	OFF, ON	01	O	X	O	X	X	X	X	X	X	X	X	O	X	O	X	X		
3E	1	00-01	Rcv SOSTENUTO	OFF, ON	01	O	X	O	X	X	X	X	X	X	X	X	O	X	O	X	X		
3F	1	00-01	Rcv SOFT PEDAL	OFF, ON	01	O	X	O	X	X	X	X	X	X	X	X	O	X	O	X	X		
40	1	00-01	Rcv BANK SELECT	OFF, ON	01	O	X	O	X	X	X	X	X	X	X	X	O	X	O	X	X		
41	1	00-7F	SCALE TUNING C	-64...+63[cent]	40	O	X	O	O	X	O	O	●	X	●	O	X	O	O	O	O		
42	1	00-7F	SCALE TUNING C#	-64...+63[cent]	40	O	X	O	O	X	O	O	●	X	●	O	X	O	O	O	O		
43	1	00-7F	SCALE TUNING D	-64...+63[cent]	40	O	X	O	O	X	O	O	●	X	●	O	X	O	O	O	O		
44	1	00-7F	SCALE TUNING D#	-64...+63[cent]	40	O	X	O	O	X	O	O	●	X	●	O	X	O	O	O	O		
45	1	00-7F	SCALE TUNING E	-64...+63[cent]	40	O	X	O	O	X	O	O	●	X	●	O	X	O	O	O	O		
46	1	00-7F	SCALE TUNING F	-64...+63[cent]	40	O	X	O	O	X	O	O	●	X	●	O	X	O	O	O	O		
47	1	00-7F	SCALE TUNING F#	-64...+63[cent]	40	O	X	O	O	X	O	O	●	X	●	O	X	O	O	O	O		
48	1	00-7F	SCALE TUNING G	-64...+63[cent]	40	O	X	O	O	X	O	O	●	X	●	O	X	O	O	O	O		
49	1	00-7F	SCALE TUNING G#	-64...+63[cent]	40	O	X	O	O	X	O	O	●	X	●	O	X	O	O	O	O		
4A	1	00-7F	SCALE TUNING A	-64...+63[cent]	40	O	X	O	O	X	O	O	●	X	●	O	X	O	O	O	O		
4B	1	00-7F	SCALE TUNING A#	-64...+63[cent]	40	O	X	O	O	X	O	O	●	X	●	O	X	O	O	O	O		
4C	1	00-7F	SCALE TUNING B	-64...+63[cent]	40	O	X	O	O	X	O	O	●	X	●	O	X	O	O	O	O		
4D	1	28-58	CAT PITCH CONTROL	-24...+24[semitones]	40	O	X	O	O	X	X	O	X	X	X	O	X	O	X	X	X		
4E	1	00-7F	CAT LOW PASS FILTER CONTROL	-9600...+9450[cent]	40	O	X	O	O	X	X	O	X	X	O	X	O	O	X	X	X		
4F	1	00-7F	CAT AMPLITUDE CONTROL	-100...+100[%]	40	O	X	O	O	X	X	O	X	X	X	O	X	O	X	X	X		
50	1	00-7F	CAT LFO PMOD DEPTH	0...127	00	O	X	O	O	X	X	O	X	O	X	O	X	O	O	O	X		
51	1	00-7F	CAT LFO FMOD DEPTH	0...127	00	O	X	O	O	X	X	O	X	O	X	O	X	O	O	O	X		
52	1	00-7F	CAT LFO AMOD DEPTH	0...127	00	O	X	O	O	X	X	O	X	O	X	O	X	O	O	O	X		
53	1	28-58	PAT PITCH CONTROL	-24...+24[semitones]	40	O	X	O	O	X	X	X	X	X	X	O	X	O	X	X	X		
54	1	00-7F	PAT LOW PASS FILTER CONTROL	-9600...+9450[cent]	40	O	X	O	X	X	X	X	X	X	X	O	X	O	X	X	X		
55	1	00-7F	PAT AMPLITUDE CONTROL	-100...+100[%]	40	O	X	O	X	X	X	X	X	X	X	O	X	O	X	X	X		
56	1	00-7F	PAT LFO PMOD DEPTH	0...127	00	O	X	O	X	X	X	X	X	X	X	O	X	O	X	X	X		
57	1	00-7F	PAT LFO FMOD DEPTH	0...127	00	O	X	O	X	X	X	X	X	X	X	O	X	O	X	X	X		
58	1	00-7F	PAT LFO AMOD DEPTH	0...127	00	O	X	O	X	X	X	X	X	X	X	O	X	O	X	X	X		
59	1	00-5F	AC1 CONTROLLER NUMBER	0...95	10	O	X	O	X	X	X	X	X	X	X	O	X	O	X	X	X		
5A	1	28-58	AC1 PITCH CONTROL	-24...+24[semitones]	40	O	X	O	X	X	X	X	X	X	X	O	X	O	X	X	X		
5B	1	00-7F	AC1 LOW PASS FILTER CONTROL	-9600...+9450[cent]	40	O	X	O	X	X	X	X	X	X	X	O	X	O	X	X	X		
5C	1	00-7F	AC1 AMPLITUDE CONTROL	-100...+100[%]	40	O	X	O	X	X	X	X	X	X	X	O	X	O	X	X	X		
5D	1	00-7F	AC1 LFO PMOD DEPTH	0...127	00	O	X	O	X	X	X	X	X	X	X	O	X	O	X	X	X		
5E	1	00-7F	AC1 LFO FMOD DEPTH	0...127	00	O	X	O	X	X	X	X	X	X	X	O	X	O	X	X	X		
5F	1	00-7F	AC1 LFO AMOD DEPTH	0...127	00	O	X	O	X	X	X	X	X	X	X	O	X	O	X	X	X		
60	1	00-5F	AC2 CONTROLLER NUMBER	0...95	11	O	X	O	X	X	X	X	X	X	X	O	X	O	X	X	X		
61	1	28-58	AC2 PITCH CONTROL	-24...+24[semitones]	40	O	X	O	X	X	X	X	X	X	X	O	X	O	X	X	X		
62	1	00-7F	AC2 LOW PASS FILTER CONTROL	-9600...+9450[cent]	40	O	X	O	X	X	X	X	X	X	X	O	X	O	X	X	X		
63	1	00-7F	AC2 AMPLITUDE CONTROL	-100...+100[%]	40	O	X	O	X	X	X	X	X	X	X	O	X	O	X	X	X		
64	1	00-7F	AC2 LFO PMOD DEPTH	0...127	00	O	X	O	X	X	X	X	X	X	X	O	X	O	X	X	X		
65	1	00-7F	AC2 LFO FMOD DEPTH	0...127	00	O	X	O	X	X	X	X	X	X	X	O	X	O	X	X	X		
66	1	00-7F	AC2 LFO AMOD DEPTH	0...127	00	O	X	O	X	X	X	X	X	X	X	O	X	O	X	X	X		
67	1	00-01	PORTAMENTO SWITCH	OFF, ON	00	O	(Except Organ Flutes)	X	O	O	X	X	O	X	X	X	O	X	O	O	X	X	
68	1	00-7F	PORTAMENTO TIME	0...127	00	O	X	O	O	X	X	O	X	X	X	O	X	O	O	O	X	X	
69	1	00-7F	PITCH EG INITIAL LEVEL	-64...+63	40	O	X	O	O	X	X	O	X	X	X	O	X	O	X	X	X	X	
6A	1	00-7F	PITCH EG ATTACK TIME	-64...+63	40	O	X	O	O	X	X	O	X	X	X	O	X	O	X	X	X	X	
6B	1	00-7F	PITCH EG RELEASE LEVEL	-64...+63	40	O	X	O	O	X	X	O	X	X	X	O	X	O	X	X	X	X	
6C	1	00-7F	PITCH EG RELEASE TIME	-64...+63	40	O	X	O	O	X	X	O	X	X	X	O	X	O	X	X	X	X	
6D	1	01-7F	VELOCITY LIMIT LOW	1...127	01	O	X	O	O	X	X	O	X	X	X	O	X	O	X	X	X	X	
6E	1	01-7F	VELOCITY LIMIT HIGH	1...127	7F	O	X	O	O	X	X	O	X	X	X	O	X	O	X	X	X	X	
TOTAL SIZE		3F																					
70	1		NOT USED		-																		
71	1		NOT USED		-																		
72	1	00-7F	EQ BASS GAIN	-12dB...+12dB	40	O	X	O	O	X	O	O	●	●	●	●	X	O	O	O	O	O	
73	1	00-7F	EQ TREBLE GAIN	-12dB...+12dB	40	O	X	O	O	X	O	O	●	●	●	●	X	O	O	O	O	O	
TOTAL SIZE		04																					
74	1		NOT USED		-																		
75	1		NOT USED		-																		
76	1	04-28	EQ BASS FREQUENCY	32...2.0k[Hz]	0C	O	X	O	O	X	X	O	●	O	●	O	X	O	O	O	O	O	
77	1	1C-3A	EQ TREBLE FREQUENCY	500...16.0k[Hz]	36	O	X	O	O	X	X	O	●	O	●	O	X	O	O	O	O	O	
78	1		NOT USED		-																		
79	1		NOT USED		-																		
7A	1		NOT USED		-																		
7B	1		NOT USED		-																		
7C	1		NOT USED		-																		
7D	1		NOT USED		-																		
7E	1		NOT USED		-																		
7F	1		NOT USED		-																		
TOTAL SIZE		0C																					

● Transmitted via panel operations

										[MIDI]										[Sound Creator]			
Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	Voice		MIDI Reception				MIDI Transmission					PLAY		REC				
						Regular/Drum/Organ Voice	Mic/Vocal Harmony	Song	Right1/Right2/Left	Keyboard	Style	Extra	Right1/Right2/Left	M.Pad	Style	Song	Upper Lower	PLAY		REW	From panel (Right1/Right2/Left)		
0A	nn	40	1	00-7F	MW OFFSET LEVEL CONTROL	-100 ~ 100[%]	40	O	-	O	O	X	X	O	●	O	X	O	X	O	O	O	X
		41	1	00-7F	BEND OFFSET LEVEL CONTROL	-100 ~ 100[%]	40	O	-	O	X	X	X	X	X	X	X	O	X	O	O	O	X
		42	1	00-7F	CAT OFFSET LEVEL CONTROL	-100 ~ 100[%]	40	O	-	O	O	X	X	O	X	O	X	O	X	O	O	O	X
		43	1	00-7F	PAT OFFSET LEVEL CONTROL	-100 ~ 100[%]	40	O	-	O	X	X	X	X	X	X	X	O	X	O	O	O	X
		44	1	00-7F	AC1 OFFSET LEVEL CONTROL	-100 ~ 100[%]	40	O	-	O	X	X	X	X	X	X	X	O	X	O	O	O	X
		45	1	00-7F	AC2 OFFSET LEVEL CONTROL	-100 ~ 100[%]	40	O	-	O	X	X	X	X	X	X	X	O	X	O	O	O	X

TOTAL SIZE 06

●: Transmitted via panel operations

nn = PART NUMBER

If there is a Drum Voice assigned to the part, the following parameters are ineffective.

- BANK SELECT LSB
- PORTAMENTO
- MONO/POLY
- SCALE TUNING
- POLY AFTER TOUCH
- PITCH EG

**MIDI Parameter Change table (A/D PART)**

PSR-S710	X
PSR-S910	O

										[MIDI]										[Song Creator]			
Address (H)	Size (H)	Data (H)	Parameter	Description		Voice		MIDI Reception				MIDI Transmission					PLAY		REC				
						Regular/Drum/Organ Voice	Mic/Vocal Harmony	Song	Right1/Right2/Left	Keyboard	Style	Extra	Right1/Right2/Left	M.Pad	Style	Song	Upper Lower	PLAY		REW	From panel (Right1/Right2/Left)		
10	On	00	1	00-01	INPUT GAIN	MIC, LINE		X	X		X				X			X	X	X			
		01	1	00-7F	BANK SELECT MSB	0...127		X	X		X				X			X	X	X			
		02	1	00-7F	BANK SELECT LSB	0...127		X	X		X				X			X	X	X			
		03	1	00-7F	PROGRAM NUMBER	1...128		X	X		X				X			X	X	X			
		04	1	00-0F, 7F	Rcv CHANNEL	1...16, OFF		X	O		O				O			O	X	X			
		05	1		NOT USED			-	-		-				-			-	-	-			
		06	1		NOT USED			-	-		-				-			-	-	-			
		07	1		NOT USED			-	-		-				-			-	-	-			
		08	1		NOT USED			-	-		-				-			-	-	-			
		09	1		NOT USED			-	-		-				-			-	-	-			
		0A	1		NOT USED			-	-		-				-			-	-	-			
		0B	1	00-7F	VOLUME	0...127		X	O		O				●			O	X	X			
		0C	1		NOT USED			-	-		-				-			-	-	-			
		0D	1		NOT USED			-	-		-				-			-	-	-			
		0E	1	01-7F	PAN	L63...C...R63		X	O		O				●			O	X	X			
		0F	1		NOT USED			-	-		-				-			-	-	-			
		10	1		NOT USED			-	-		-				-			-	-	-			
		11	1	00-7F	DRY LEVEL	0...127		X	O		O				●			O	X	X			
		12	1	00-7F	CHORUS SEND	0...127		X	O		O				●			O	X	X			
		13	1	00-7F	REVERB SEND	0...127		X	O		O				●			O	X	X			
		14	1	00-7F	VARIATION SEND	0...127		X	O		O				●			O	X	X			

TOTAL SIZE 15

n: A/D Part Number (0)

**MIDI Parameter Change table (DRUM SETUP)**

										[MIDI]										[Song Creator]			
Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	Voice		MIDI Reception				MIDI Transmission					PLAY		REC				
						Regular/Drum/Organ Voice	Mic/Vocal Harmony	Song	Right1/Right2/Left	Keyboard	Style	Extra	Right1/Right2/Left	M.Pad	Style	Song	Upper Lower	PLAY		REW	From panel (Right1/Right2/Left)		
3n	rr	00	1	00-7F	PITCH COARSE	-64...0...+63	40	O			X				O			O	X	X			
		01	1	00-7F	PITCH FINE	-64...0...+63[cent]	40	O			X				O			O	X	X			
		02	1	00-7F	LEVEL	0...127	Depends on the note	O			X				O			O	X	X			
		03	1	00-7F	ALTERNATE GROUP	OFF, 1...127	Depends on the note	O			X				O			O	X	X			
		04	1	00-7F	PAN	RND, L63...C...R63	Depends on the note	O			X				O			O	X	X			
		05	1	00-7F	REVERB SEND	0...127	Depends on the note	O			X				O			O	X	X			
		06	1	00-7F	CHORUS SEND	0...127	Depends on the note	O			X				O			O	X	X			
		07	1	00-7F	VARIATION SEND	0...127	7F	O			X				O			O	X	X			
		08	1	00-01	KEY ASSIGN	SINGLE, MULTI	00	O			X				O			O	X	X			
		09	1	00-01	Rcv NOTE OFF	OFF, ON	Depends on the note	O			X				O			O	X	X			
		0A	1	00-01	Rcv NOTE ON	OFF, ON	01	O			X				O			O	X	X			
		0B	1	00-7F	LOW PASS FILTER CUTOFF FREQUENCY	-64...0...+63	40	O			X				O			O	X	X			
		0C	1	00-7F	LOW PASS FILTER RESONANCE	-64...0...+63	40	O			X				O			O	X	X			
		0D	1	00-7F	EG ATTACK RATE	-64...0...+63	40	O			X				O			O	X	X			
		0E	1	00-7F	EG DECAY1 RATE	-64...0...+63	40	O			X				O			O	X	X			
		0F	1	00-7F	EG DECAY2 RATE	-64...0...+63	40	O			X				O			O	X	X			

TOTAL SIZE 10

		[MIDI]												[Song Creator]							
Address (H)	Size (H)	Data (H)	Parameter	Description	XG Default (H)	Voice		MIDI Reception					MIDI Transmission					PLAY		REC	
						Regular/ Drum/ Organ Voice	Mic/ Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M. Pad	Style	Song	Upper Lower	PLAY	REW		From panel (Right1/ Right2/ Left)
	20	1	00-7F	EQ BASS GAIN	-12...+12[dB]	40	X	X		X						O			X	X	X
	21	1	00-7F	EQ TREBLE GAIN	-12...+12[dB]	40	X	X		X						O			X	X	X
	22	1		NOT USED		-	-	-		-						-			-	-	-
	23	1		NOT USED		-	-	-		-						-			-	-	-
	24	1	04-28	EQ BASS FREQUENCY	32..2.0k[Hz]	0C	X	X		X						O			X	X	X
	25	1	1C-3A	EQ TREBLE FREQUENCY	500...16.0k[Hz]	36	X	X		X						O			X	X	X
	26	1		NOT USED		-	-	-		-						-			-	-	-
	27	1		NOT USED		-	-	-		-						-			-	-	-
	28	1		NOT USED		-	-	-		-						-			-	-	-
	29	1		NOT USED		-	-	-		-						-			-	-	-
	2A	1		NOT USED		-	-	-		-						-			-	-	-
	2B	1		NOT USED		-	-	-		-						-			-	-	-
	2C	1		NOT USED		-	-	-		-						-			-	-	-
	2D	1		NOT USED		-	-	-		-						-			-	-	-

TOTAL SIZE 0E

n: Drum Setup Number (0-1)

rr: note number (0D-5B)

In the following cases, the instrument will initialize all Drum Setups.

- XG SYSTEM ON received
- GM SYSTEM ON received
- GM LEVEL2 SYSTEM ON received
- GS RESET received
- DRUM SETUP RESET received (only when in XG mode)

[Note]

When a part to which a Drum Setup is assigned receives a program change, the assigned Drum Setup will be initialized.

If the same Drum Setup is assigned to two or more parts, changes in Drum Setup parameters (including program changes) will apply to all parts to which it is assigned.



# System Exclusive Messages (1)

[GM1] ... GM Required Parameter  
[GM2] ... GM Level2 Required Parameter

\* Not received when Receive System Exclusive Message Parameters is set to off.  
\* Not transmitted when Transmit System Exclusive Message Parameters is set to off.

## System Exclusive Messages (Universal Real Time Messages)

MIDI Event	Data Format	[MIDI]										[Song Creator]				
		Voice		MIDI Reception				MIDI Transmission				PLAY			REC	
		Regular/Drum/Organ Voice	Mic/Vocal Harmony	Song	Right1/Right2/Left	Keyboard	Style	Extra	Right1/Right2/Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	From panel operations
Master Volume [GM2]	<b>F0 7F XN 04 01 SS TT F7</b> 11110000 F0 = Exclusive status 01111111 7F = Universal Real Time 0xxxxxxx XN = When N is received N = 0-F, whichever is received. X = ignored 00000100 04 = Sub-ID #1 = Device Control Message 00000001 01 = Sub-ID #2 = Master Volume 0sssssss SS = Volume LSB 0ttttttt TT = Volume MSB 11110111 F7 = End of Exclusive	O	X								O			O	O	X
Master Fine Tuning [GM2]	<b>F0 7F XN 04 03 SS TT F7</b> 11110000 F0 = Exclusive status 01111111 7F = Universal Real Time 0xxxxxxx XN = When N is received N = 0-F, whichever is received. X = ignored 00000100 04 = Sub-ID #1 = Device Control Message 00000011 03 = Sub-ID #2 = Master Fine Tuning 0sssssss SS = Fine Tuning LSB 0ttttttt TT = Fine Tuning MSB 11110111 F7 = End of Exclusive	O	X								O			O	X	X
Master Coarse Tuning [GM2]	<b>F0 7F XN 04 00 00 TT F7</b> 11110000 F0 = Exclusive status 01111111 7F = Universal Real Time 0xxxxxxx XN = When N is received N = 0-F, whichever is received. X = ignored 00000100 04 = Sub-ID #1 = Device Control Message 00000000 00 = Sub-ID #2 = Master Coarse Tuning 0ttttttt TT = Coarse Tuning MSB 11110111 F7 = End of Exclusive	O	X								O			O	X	X
Reverb Parameter [GM2]	<b>F0 7F XN 04 05 01 01 01 01 PP VV ... F7</b> 11110000 F0 = Exclusive status 01111111 7F = Universal Real Time 0xxxxxxx XN = When N is received N = 0-F, whichever is received. X = ignored 00000100 04 = Sub-ID #1 = Device Control Message 00000001 01 = Slot path length = 1 00000001 01 = Parameter ID width = 1 00000001 01 = Value width = 1 00000001 01 = Slot path MSB = 1 00000001 01 = Slot path LSB = 1 (Reverb) 0ppppppp PP = Parameter to be controlled. 0vvvvvvv VV = Value for the Parameter.  11110111 F7 = End of Exclusive  Parameter (pp) Value (vv) Display ----- pp=0 Reverb Type 0...8 0: RoomS 1: RoomM 2: RoomL 3: HallM 4: HallL (default) 8: GM Plate pp=1 Reverb Time 0...127 0...11.0s	O	O			O						O		O	O	X
Chorus Parameter [GM2]	<b>F0 7F XN 04 05 01 01 01 01 02 PP VV ... F7</b> 11110000 F0 = Exclusive status 01111111 7F = Universal Real Time 0xxxxxxx XN = When N is received N = 0-F, whichever is received. X = ignored 00000100 04 = Sub-ID #1 = Device Control Message 00000101 05 = Sub-ID #2 = Global Parameter Control 00000001 01 = Slot path length = 1 00000001 01 = Parameter ID width = 1 00000001 01 = Value width = 1 00000001 01 = Slot path MSB = 1 00000010 02 = Slot path LSB = 2 (Chorus) 0ppppppp PP = Parameter to be controlled. 0vvvvvvv VV = Value for the Parameter  11110111 F7 = End of Exclusive  Parameter (pp) Value (vv) Display ----- pp=0 Chorus Type 0...5 0: GM Chorus1 1: GM Chorus2 2: GM Chorus3 (default) 3: GM Chorus4 4: FB Chorus 5: GM Flanger pp=1 Mod Rate 0...127 0...15.5Hz pp=2 Mod Depth 0...127 pp=3 Feedback 0...127 pp=4 Send to Reverb 0...127	O	O			O						O		O	O	X
Channel Pressure (Aftertouch) [GM2]	<b>F0 7F XN 09 01 0M PP RR ... F7</b> 11110000 F0 = Exclusive status 01111111 7F = Universal Real Time 0xxxxxxx XN = When N is received N = 0-F, whichever is received. X = ignored 00010101 09 = Sub-ID #1 = Controller Destination Setting 00000001 01 = Sub-ID #2 = Controller Type: 01 (Channel Pressure) 00000000 0M = MIDI Channel (00-0F) 0ppppppp PP = Controlled Parameter 0rrrrrrr RR = Data : 11110111 F7 = End of Exclusive  Make sure to set both the controlled parameter and the range. Parameters not set will be restored to their default values.  Control Parameter (pp) Data (RR) Description Default Value ----- pp=00 Pitch Control 2BH-5BH -24...0...+24semitones 40H pp=01 Filter Cutoff Control 00H-FH -9600...0...+9450cents 40H pp=02 Amplitude Control 00H-FH -100...0...+100% 40H pp=03 LFO Pitch Depth 00H-FH 0...127 00H pp=04 LFO Filter Depth 00H-FH 0...127 00H pp=05 LFO Amplitude Depth 00H-FH 0...127 00H	O	X	O	X	X	X	X	X	X	X	O	X	O	X	X

MIDI Event	Data Format	[MIDI]											[Song Creator]																															
		Voice		MIDI Reception					MIDI Transmission				PLAY		REC																													
		Regular/ Drum/ Organ Voice	Mic/ Vocal Harmony	Song	Right/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	From panel operations																												
Controller (Control Change) [GM2]	<p><b>F0 7F XN 09 03 0M CC PP RR ... F7</b></p> <p>11110000 F0 = Exclusive status                      01111111 7F = Universal Real Time                      0xxxxxxx XN = When N is received N = 0-F, whichever is received. X = ignored                      00001001 09 = Sub-ID #1 = Controller Destination Setting                      00000011 03 = Sub-ID #2 = Controller Type: 03 (Control Change)                      00000000 0M = MIDI Channel (00-0F)                      0ccccccc CC = Controller Number (01H-1FH, 40H-5FH)                      0ppppppp PP = Controlled Parameter                      0rrrrrrr RR = Range                      ...                      11110111 F7 = End of Exclusive</p> <p>Make sure to set both the controlled parameter and the range.                      Parameters not set will be restored to their default values.</p> <table border="1"> <tr> <th>Control Parameter (pp)</th> <th>Data (RR)</th> <th>Description</th> <th>Default Value</th> </tr> <tr> <td>pp=00 Pitch Control</td> <td>28H-58H</td> <td>-24...0...+24semitones</td> <td>40H</td> </tr> <tr> <td>pp=01 Filter Cutoff Control</td> <td>00H-7FH</td> <td>-9600...0...+9450cents</td> <td>40H</td> </tr> <tr> <td>pp=02 Amplitude Control</td> <td>00H-7FH</td> <td>-100...0...+100%</td> <td>40H</td> </tr> <tr> <td>pp=03 LFO Pitch Depth</td> <td>00H-7FH</td> <td>0...127</td> <td>00H</td> </tr> <tr> <td>pp=04 LFO Filter Depth</td> <td>00H-7FH</td> <td>0...127</td> <td>00H</td> </tr> <tr> <td>pp=05 LFO Amplitude Depth</td> <td>00H-7FH</td> <td>0...127</td> <td>00H</td> </tr> </table>	Control Parameter (pp)	Data (RR)	Description	Default Value	pp=00 Pitch Control	28H-58H	-24...0...+24semitones	40H	pp=01 Filter Cutoff Control	00H-7FH	-9600...0...+9450cents	40H	pp=02 Amplitude Control	00H-7FH	-100...0...+100%	40H	pp=03 LFO Pitch Depth	00H-7FH	0...127	00H	pp=04 LFO Filter Depth	00H-7FH	0...127	00H	pp=05 LFO Amplitude Depth	00H-7FH	0...127	00H	O	X	O	X	X	X	X	X	X	X	O	X	O	X	X
Control Parameter (pp)	Data (RR)	Description	Default Value																																									
pp=00 Pitch Control	28H-58H	-24...0...+24semitones	40H																																									
pp=01 Filter Cutoff Control	00H-7FH	-9600...0...+9450cents	40H																																									
pp=02 Amplitude Control	00H-7FH	-100...0...+100%	40H																																									
pp=03 LFO Pitch Depth	00H-7FH	0...127	00H																																									
pp=04 LFO Filter Depth	00H-7FH	0...127	00H																																									
pp=05 LFO Amplitude Depth	00H-7FH	0...127	00H																																									
Key-Based Instrument Control [GM2]	<p><b>F0 7F XN 0A 01 0M KK CC VV ... F7</b></p> <p>11110000 F0 = Exclusive status                      01111111 7F = Universal Real Time                      0xxxxxxx XN = When N is received N=0-F, whichever is received. X = ignored                      00001010 0A = Sub-ID #1 = Key-Based Instrument Control                      00000001 01 = Sub-ID #2 = Controller                      00000000 0M = MIDI Channel (00-0F)                      0kkkkkkk KK = Key Number                      0ccccccc CC = Controller Number                      0vvvvvvv VV = Value                      ...                      11110111 F7 = End of Exclusive</p> <p>Make sure to set both the controlled number and the value.</p> <table border="1"> <tr> <th>Control Number (CC)</th> <th>Value (VV)</th> <th>Description</th> <th>Default value</th> </tr> <tr> <td>CC=07H Volume</td> <td>00H-7FH</td> <td>-100...0...+100%</td> <td>40H</td> </tr> <tr> <td>CC=0AH Pan</td> <td>00H-7FH</td> <td>L63...C...R63 (absolute)</td> <td>(Preset value)</td> </tr> <tr> <td>CC=5BH Reverb Send Level</td> <td>00H-7FH</td> <td>0...Max (absolute)</td> <td>(Preset value)</td> </tr> <tr> <td>CC=5DH Chorus Send Level</td> <td>00H-7FH</td> <td>0...Max (absolute)</td> <td>(Preset value)</td> </tr> </table>	Control Number (CC)	Value (VV)	Description	Default value	CC=07H Volume	00H-7FH	-100...0...+100%	40H	CC=0AH Pan	00H-7FH	L63...C...R63 (absolute)	(Preset value)	CC=5BH Reverb Send Level	00H-7FH	0...Max (absolute)	(Preset value)	CC=5DH Chorus Send Level	00H-7FH	0...Max (absolute)	(Preset value)	O (Drum only)	X	O	X	X	X	X	X	X	X	O	X	O	X	X								
Control Number (CC)	Value (VV)	Description	Default value																																									
CC=07H Volume	00H-7FH	-100...0...+100%	40H																																									
CC=0AH Pan	00H-7FH	L63...C...R63 (absolute)	(Preset value)																																									
CC=5BH Reverb Send Level	00H-7FH	0...Max (absolute)	(Preset value)																																									
CC=5DH Chorus Send Level	00H-7FH	0...Max (absolute)	(Preset value)																																									

**System Exclusive Messages (Universal Non-Real Time Messages)**

MIDI Event	Data Format	[MIDI]											[Song Creator]			
		Voice		MIDI Reception					MIDI Transmission				PLAY		REC	
		Regular/ Drum/ Organ Voice	Mic/ Vocal Harmony	Song	Right/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower	PLAY	REW	From panel operations
GM1 System On [GM1] [GM2]	<p><b>F0 7E XN 09 01 F7</b></p> <p>11110000 F0 = Exclusive status                      01111110 7E = Universal Non-Real Time                      0xxxxxxx XN = When N is received N = 0-F, whichever is received. X = ignored                      00001001 09 = Sub-ID #1 = General MIDI Message                      00000001 01 = Sub-ID #2 = General MIDI On                      11110111 F7 = End of Exclusive</p>	O	-				O					O		O	X	O
GM2 System On [GM2]	<p><b>F0 7E XN 09 03 F7</b></p> <p>11110000 F0 = Exclusive status                      01111110 7E = Universal Non-Real Time                      0xxxxxxx XN = When N is received N = 0-F, whichever is received. X = ignored                      00001001 09 = Sub-ID #1 = General MIDI Message                      00000011 03 = Sub-ID #2 = General MIDI2 On                      11110111 F7 = End of Exclusive</p>	O	-				O				O		O	X	X	
General MIDI System Off [GM1] [GM2]	<p><b>F0 7E XN 09 02 F7</b></p> <p>11110000 F0 = Exclusive status                      01111110 7E = Universal Non-Real Time                      0xxxxxxx XN = When N is received N = 0-F, whichever is received. X = ignored                      00001001 09 = Sub-ID #1 = General MIDI Message                      00000010 02 = Sub-ID #2 = General MIDI Off                      11110111 F7 = End of Exclusive</p>	O	-				O				O		O	X	X	
Scale/ Octave Tuning [GM2]	<p><b>F0 7E XN 08 08 JJ GG MM SS ... F7</b></p> <p>11110000 F0 = Exclusive status                      01111110 7E = Universal Non-Real Time                      0xxxxxxx XN = When N is received N=0-F, whichever is received. X = ignored                      00001000 08 = Sub-ID #1=MIDI Tuning Standard                      00001000 08 = Sub-ID #2=scale/octave tuning 1byte form                      0jjjjjjj JJ = Channel/octioption byte1                      bits 0 to 1 = channel 15 to 16                      bits 2 to 6 = reserved                      0ggggggg GG = Channel byte2 - bits0 to 6 = channel 8 to 14                      0mmmmmm MM = Channel byte2 - bits0 to 6 = channel 1 to 7                      0sssssss SS = 12byte tuning offset of 12 semitones from C to B                      00H means -64cent                      40H means 0cent                      7FH means +63cent                      ...                      11110111 F7 = End of Exclusive</p>	O	X				O				O		O	X	X	

## System Exclusive Messages (2)

\* Not received when Receive System Exclusive Message Parameters is set to off.  
 \* Not transmitted when Transmit System Exclusive Message Parameters is set to off.

## System Exclusive Messages (Style)

MIDI Event	Data Format	[MIDI]										
		Voice		MIDI Reception					MIDI Transmission			
		Regular/Drum/ Organ Voice	Mic/Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song
Section Control	<p>F0 43 7E 00 ss dd F7</p> <p>11110000 F0 = Exclusive status                      01000011 43 = YAMAHA ID                      01111110 7E = Style                      00000000 00 =                      0sssssss ss = Switch No.</p> <p>00H INTRO A                      01H INTRO B                      02H INTRO C                      03H INTRO D                      08H MAIN A                      09H MAIN B                      0AH MAIN C                      0BH MAIN D                      10H FILL IN AA                      11H FILL IN BB                      12H FILL IN CC                      13H FILL IN DD                      18H BREAK FILL                      20H ENDING A                      21H ENDING B                      22H ENDING C                      23H ENDING D</p> <p>o4dddddd dd = Switch On/Off                      00H (Off)                      7FH (On)                      11110111 F7 = End of Exclusive</p>	-	-			0						●
Tempo Control	<p>F0 43 7E 01 14 13 12 11 F7</p> <p>11110000 F0 = Exclusive status                      01000011 43 = YAMAHA ID                      01111110 7E = Style                      00000001 01 =                      0ttttttt 14 = tempo4                      0ttttttt 13 = tempo3                      0ttttttt 12 = tempo2                      0ttttttt 11 = tempo1                      11110111</p>	-	-			0						●
Chord Control	<p>F0 43 7E 1t d1 d2 d3 d4 F7</p> <p>Type1 (tt=02)</p> <p>11110000 F0 = Exclusive status                      01000011 43 = YAMAHA ID                      01111110 7E = Style                      00000010 02 = type 1                      o4dddddd d1 = chord root (cr)                      o4dddddd d2 = chord type (ct)                      o4dddddd d3 = bass note (bn)                      o4dddddd d4 = bass type (bt)                      11110111 F7 = End of Exclusive</p> <p>cr: Chord Root Offnnnn                      fff: b or #, nnnn: note (root)                      000nmm 0n bbb            0fff0000 x0 reserved                      0001nnn 1n bb            0fff0001 x1 C                      0010nnn 2n b            0fff0010 x2 D                      0011nnn 3n natural      0fff0011 x3 E                      0100nnn 4n #            0fff0100 x4 F                      0101nnn 5n ##          0fff0101 x5 G                      0110nnn 6n ###          0fff0110 x6 A                      0fff0111 x7 B</p> <p>ct: Chord Type 0 - 34, 127                      0000000 00 0 Maj        00010010 12 18 dim7                      0000001 01 1 Maj6        00010011 13 19 7th                      0000010 02 2 Maj7        00010100 14 20 7sus4                      0000011 03 3 Maj7(#11) 00010101 15 21 7b5                      0000100 04 4 Maj(9)      00010110 16 22 7(9)                      0000101 05 5 Maj7(9)     00010111 17 23 7(#11)                      0000110 06 6 Maj6(9)     00010000 18 24 7(13)                      0000111 07 7 aug        00010001 19 25 7(b9)                      0001000 08 8 min        00011010 1A 26 7 b13)                      0001001 09 9 min6        00011011 1B 27 7(#9)                      0001010 0A 10 min7      00011100 1C 28 Maj7aug                      0001011 0B 11 min7b5    00011101 1D 29 7aug                      0001100 0C 12 min(9)    00011110 1E 30 1+8                      0001101 0D 13 min7(9)   00011111 1F 31 1+5                      0001110 0E 14 min7(11) 00100000 20 32 sus4                      0001111 0F 15 minMaj7   00100001 21 33 1+2+5                      0001000 10 16 minMaj7(9) 00100010 22 34 cc                      0001001 11 17 dim</p> <p>bn: On Bass Note        Same as Chord root                      127: No bass chord</p> <p>bt: Bass Chord            Same as Chord type                      127: No bass chord</p> <p>* Not received when Chord System Exclusive Message Parameters is set to off.                      * Not received when Transmit Chord System Exclusive Message Parameters is set to off.</p>	-	-			0						●
	<p>Type2 (tt=03)</p> <p>11110000 F0 = Exclusive status                      01000011 43 = YAMAHA ID                      01111110 7E = Style                      00000011 03 = type 2                      o4dddddd dd = note1                      o4dddddd dd = note2                      o4dddddd dd = note3                      .                      .                      o4dddddd dd = note10                      11110111 F7 = End of Exclusive</p>	-	-			0						X

● Transmitted via panel operations

System Exclusive Messages (XG)

MIDI Event	Data Format	Voice		MIDI Reception					MIDI Transmission				
		Regular/Drum/ Organ Voice	Mic/Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower
XG Parameter Changes	<b>F0 43 1n 4C hh mm ll dd ... F7</b> 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 0001nmmn 1n = Device Number n = always 0 (when transmit), n = 0-F (when receive) 01001100 4C = Model ID 0hhhhhhh hh = Address High 0mmmmmm mm = Address Mid 0llllllll ll = Address Low 0ddddd dd = Data 11110111 F7 = End of Exclusive	* Refer to XG Parameter Change Table.	-	-	0	0	0	0	0	0	0	0	0
XG Bulk Dump	<b>F0 43 0n 4C aa bb hh mm ll dd ... dd cc F7</b> 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 0000nmmn 0n = Device Number n = always 0 (when transmit), n=0-F (when receive) 01001100 4C = Model ID 0aaaaaaaa aa = Byte Count MSB 0bbbbbbb bb = Byte Count LSB 0hhhhhhh hh = Address High 0mmmmmm mm = Address Mid 0llllllll ll = Address Low 0ddddd dd = Data 0ddddd dd = Data 0ccccc cc = Checksum 11110111 F7 = End of Exclusive	* Refer to XG Parameter Change Table.	-	-	0	0	0	0	0	0	0	0	0
XG Parameter Request	<b>F0 43 3n 4C hh mm ll F7</b> 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 001nmmn 3n = Device Number n = always 0 (when transmit), n = 0-F (when receive) 01001100 4C = Model ID 0hhhhhhh hh = Address High 0mmmmmm mm = Address Mid 0llllllll ll = Address Low 11110111 F7 = End of Exclusive	-	-	0	0	0	0	0	0	0	0	0	0
XG Dump Request	<b>F0 43 2n 4C hh mm ll F7</b> 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 0010nmmn 2n = Device Number n = always 0 (when transmit), n = 0-F (when receive) 01001100 4C = Model ID 0hhhhhhh hh = Address High 0mmmmmm mm = Address Mid 0llllllll ll = Address Low 11110111 F7 = End of Exclusive	-	-	0	0	0	0	0	0	0	0	0	0

System Exclusive Messages (Clavinova compliance)

11110000 F0 = Exclusive status
01000011 43 = YAMAHA ID
01110011 73 = Clavinova ID
11110111 F7 = End of Exclusive

MIDI Event	Data Format	Voice		MIDI Reception					MIDI Transmission				
		Regular/Drum/ Organ Voice	Mic/Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower
Internal Clock	<b>F0 43 73 01 02 F7</b> 00000001 01 = Model ID (Clavinova common ID) 00000010 02 = Internal Clock Substatus	-	-	0	0	0	0	0	0	0	0	0	X
External Clock	<b>F0 43 73 01 03 F7</b> 00000001 01 = Model ID (Clavinova common ID) 00000011 03 = External Clock Substatus	-	-	0	0	0	0	0	0	0	0	0	X
Organ Flutes data Bulk Dump	<b>F0 43 73 01 06 0B 00 00 01 06 0n [Bulk Data] sum</b> 01H Model ID (Clavinova common ID) 06H Bulk ID 06H Bulk No. (Organ Flutes data Bulk Dump) 00H, 00H, 01H, 06H Data Length:16bytes  1st Channel No. 0nH 2nd Footage [1] 00 - 06H 3rd [1 1/3] 00 - 06H 4th [1 3/5] 00 - 06H 5th [2] 00 - 06H 6th [2 2/3] 00 - 06H 7th [4] 00 - 06H 8th [5 1/3] 00 - 06H 9th [8] 00 - 06H 10th [16] 00 - 06H 11th [Attack 2] 00 - 06H 12th [Attack 2 2/3] 00 - 06H 13th [Attack 4] 00 - 06H 14th Settings [Attack Length] 00 - 06H 15th [Response] 00 - 06H 16th [Attack Mode] 00 - 01H 00H: Each, 01H: First 17th [Wave Variation] 00 - 01H 00H: Sine, 01H: Vintage 18th [Volume] 01 - 09H 19th [aux] 00H 20th [aux] 00H 21th [aux] 00H 22th [aux] 00H sum Check Sum = 0-sum (BULK DATA)	0 (Organ Flute)	X	0	0	X	X	0	●	X	X	0	X

●: Transmitted via panel operations

**System Exclusive Messages Special Operators (Vocal Harmony Additional Parameters)**

Vocal Harmony

PSR-S710	X
PSR-S910	O

MIDI Event	Data Format	[MIDI]											
		Voice		MIDI Reception				MIDI Transmission					
		Regular/Drum/ Organ Voice	Mic/Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower
Vocal Harmony Pitch to Note ON/OFF	F0 43 73 01 11 0n 50 00 dd F7 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 01110011 73 = Clavinova ID 00000001 01 = Model ID (Clavinova common ID) 00010001 11 = Special Operators 0000nnnn 0n = Channel No. (Always 00) 01010000 50 = Vocal Harmony Additional Parameter Control No. 00000000 00 = Pitch to Note Parameter No. 0d444444 dd = data (00H: Off, 01H: On) 11110111 F7 = End of Exclusive	X	O			O							●
Vocal Harmony Pitch to Note Part	F0 43 73 01 11 0n 50 01 dd F7 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 01110011 73 = Clavinova ID 00000001 01 = Model ID (Clavinova common ID) 00010001 11 = Special Operators 0000nnnn 0n = Channel No. (Always 00) 01010000 50 = Vocal Harmony Additional Parameter Control No. 00000001 01 = Pitch to Note Part Parameter No. 0d444444 dd = data 00H: Right1 01H: Right2 02H: Left 03H: (not used) 04H: Upper 11110111 F7=End of Exclusive	X	O			O							●
Vocal Harmony Vocoder Part (Harmony Part (Panel))	F0 43 73 01 11 0n 50 10 dd F7 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 01110011 73 = Clavinova ID 00000001 01 = Model ID (Clavinova common ID) 00010001 11 = Special Operators 0000nnnn 0n = Channel No. (Always 00) 01010000 50 = Vocal Harmony Additional Parameter Control No. 00010000 10 = Vocoder Part Parameter No. 0d444444 dd = data 00H: Off 01H: Upper 02H: Lower 11110111 F7 = End of Exclusive	X	O			O							●

●: Transmitted via panel operations

**System Exclusive Messages (Others)**

MIDI Event	Data Format	[MIDI]											
		Voice		MIDI Reception				MIDI Transmission					
		Regular/Drum/ Organ Voice	Mic/Vocal Harmony	Song	Right1/ Right2/ Left	Keyboard	Style	Extra	Right1/ Right2/ Left	M.Pad	Style	Song	Upper Lower
MIDI Master Tuning	F0 43 1n 27 30 00 00 0n 0l cc F7 11110000 F0 = Exclusive status 01000011 43 = YAMAHA ID 0001nnnn 1n n= always 0 (when transmit), n=0-F (when receive) 00101111 27 = Model ID of TG100 00110000 30 = Address High 00000000 00 = Address Mid 00000000 00 = Address Low 0000nnnn 0n = Master Tune MSB 00001111 0l = Master Tune LSB 0ccccccc cc = don't care 11110111 F7 = End of Exclusive	O	O			O						X	

## DIGITAL WORKSTATION

PSR-S710  
PSR-S910

# PARTS LIST


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### Notes : DESTINATION ABBREVIATIONS

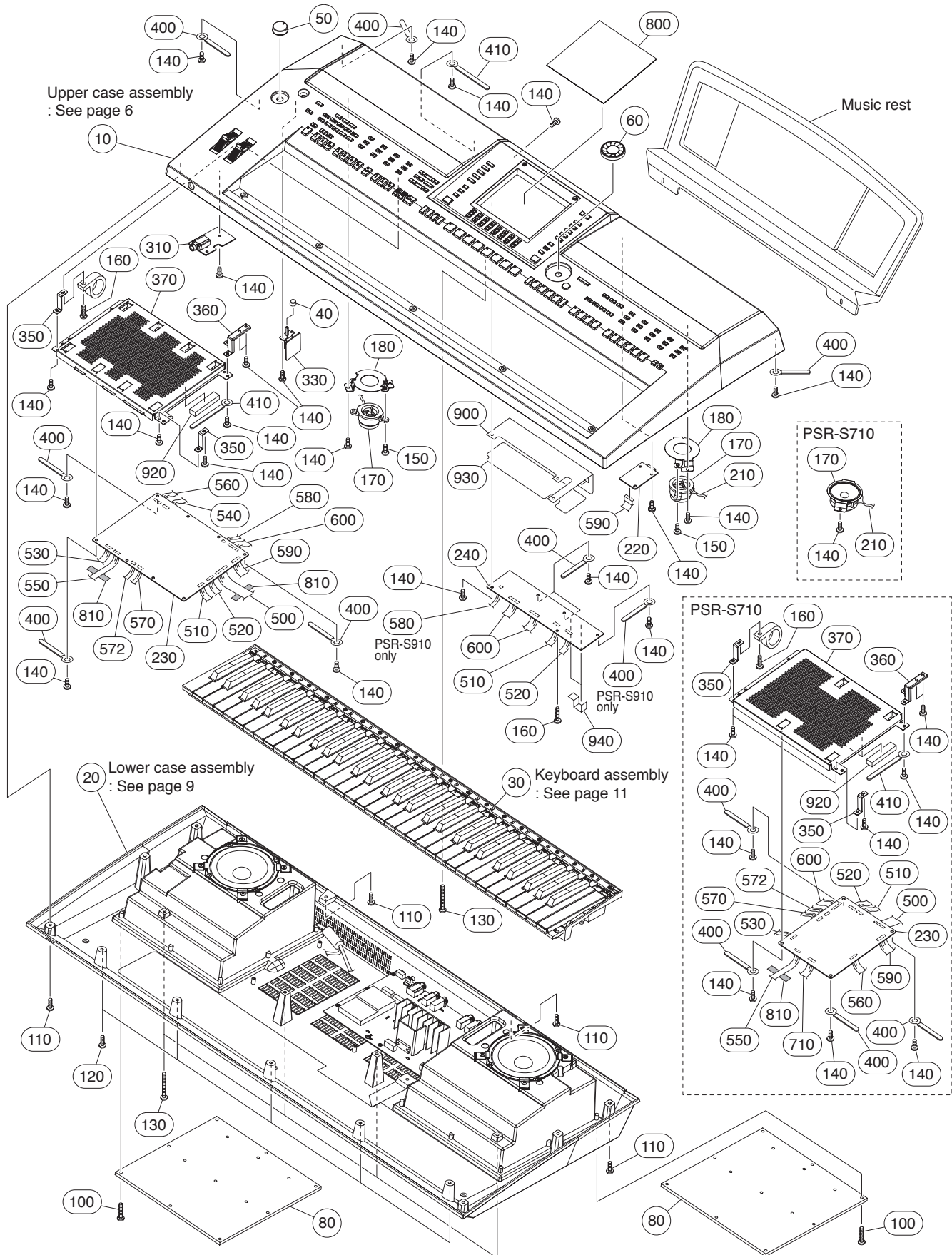
A : Australian model	M : South African model
B : British model	O : Chinese model
C : Canadian model	Q : South-east Asia model
D : German model	T : Taiwan model
E : European model	U : U.S.A. model
F : French model	V : General export model (110V)
H : North European model	W : General export model (220V)
I : Indonesian model	N,X: General export model
J : Japanese model	Y : Export model
K : Korean model	

### ■ WARNING

Components having special characteristics are marked  and must be replaced with parts having specification equal to those originally installed.

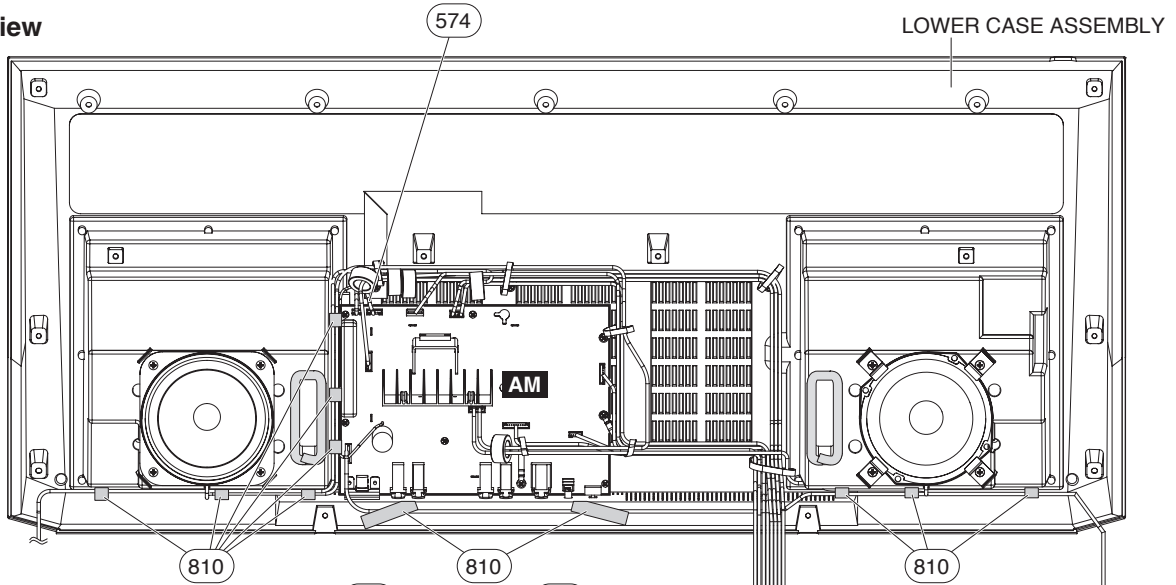
- The numbers "QTY" show quantities for each unit.
- The parts with "--" in "PART NO." are not available as spare parts.
- This mark "}" in the REMARKS column means these parts are interchangeable.
- The second letter of the shaded (■) part number is O, not zero.
- The second letter of the shaded (■) part number is I, not one.

# OVERALL ASSEMBLY

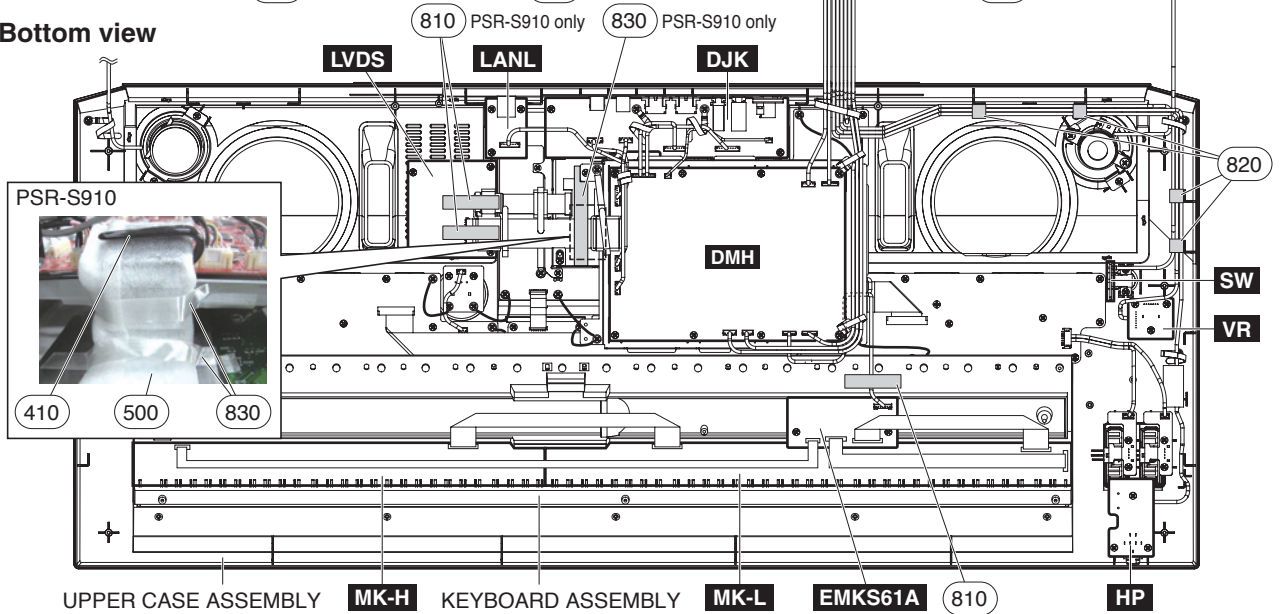


\* This figure shows the PSR-S910.

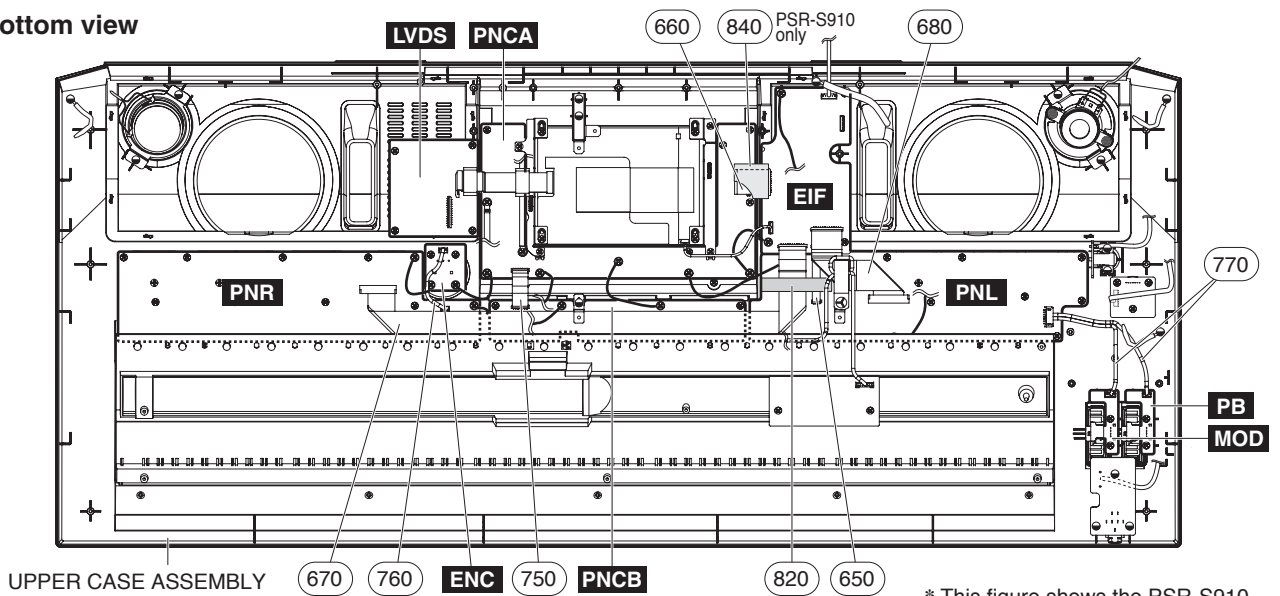
• Top view



• Bottom view



• Bottom view



\* This figure shows the PSR-S910.



REF NO.	PART NO.	DESCRIPTION		部 品 名	REMARKS	QTY	RANK
	--	OVERALL ASSEMBLY		総 組 立	PSR-S710/PSR-S910		
	--	OVERALL ASSEMBLY		総 組 立	PSR-S710 (WR35260)		
	--	OVERALL ASSEMBLY		総 組 立	PSR-S910 (WR35250)		
10	--	UPPER CASE ASSEMBLY		上 ケー ス A s s ' y	PSR-S710 (WR35600)		
10	--	UPPER CASE ASSEMBLY		上 ケー ス A s s ' y	PSR-S910 (WR35590)		
20	--	LOWER CASE ASSEMBLY		下 ケー ス A s s ' y	PSR-S710 (WR35620)		
20	--	LOWER CASE ASSEMBLY		下 ケー ス A s s ' y	PSR-S910 (WR35610)		
30	<b>WB91420R</b>	KEYBOARD ASSEMBLY	16M C61-2M-EBUS	1 6 M 鍵 盤 E M K S A			18
40	<b>V715120R</b>	PUSH KNOB,BLACK		プ ッ シ ュ ツ マ ミ ク ロ	STANDBY/ON		01
50	<b>VU43240R</b>	KNOB V,BLACK		V ツ マ ミ	MASTER VOLUME		01
60	<b>WJ584000</b>	ENCODER KNOB,BLACK		エ ン コー ダ ツ マ ミ	Data entry		04
80	<b>WJ044200</b>	BOTTOM BOARD		底 板		2	03
100	<b>WF15410R</b>	BIND HEAD TAPPING SCREW-B	4.0X16 MFZN2W3	B タ イ ト + B I N D		28	01
110	<b>WE98740R</b>	BIND HEAD TAPPING SCREW-B	3.0X12 MFZN2W3	B タ イ ト + B I N D		8	01
120	<b>WE97340R</b>	BIND HEAD TAPPING SCREW-B	3.0X16 MFZN2W3	B タ イ ト + B I N D		5	01
130	<b>WF49100R</b>	BIND HEAD TAPPING SCREW-B	3.0X30 MFZN2W3	B タ イ ト + B I N D		5	01
140	<b>WE774301</b>	BIND HEAD TAPPING SCREW-B	3.0X8 MFZN2W3	B タ イ ト + B I N D	PSR-S710	32	01
140	<b>WE774301</b>	BIND HEAD TAPPING SCREW-B	3.0X8 MFZN2W3	B タ イ ト + B I N D	PSR-S910	37	01
150	<b>WE97460R</b>	BIND HEAD TAPPING SCREW-B	4.0X8 MFZN2W3	B タ イ ト + B I N D	PSR-S910	4	01
160	<b>WF00210R</b>	PW HEAD TAPPING SCREW-B	3.0X12 MFZN2W3	B タ イ ト + P W H		2	01
170	<b>XV910A0R</b>	SPEAKER	5.0cm 40hm 10W	ス ビー カ	PSR-S710 TWEETER	2	05
170	<b>X0215A0R</b>	SPEAKER	2.0cm 3ohm 25W	ス ビー カ	PSR-S910 TWEETER	2	08
* 180	--	TWEETER FIXTURE		ツ ィ ー ター 固 定 金 具	PSR-S910 (V748080)	2	
* 210	--	CONNECTOR ASSEMBLY	TW-LF XH4P	T W - L F 束 線	(WR64770)		
* 220	<b>WR345100</b>	CIRCUIT BOARD	LANL	L A N L シ ー ト	PSR-S710		
* 220	<b>WR337500</b>	CIRCUIT BOARD	LANL	L A N L シ ー ト	PSR-S910		
* 230	<b>WQ474200</b>	CIRCUIT BOARD	DML	D M L シ ー ト	PSR-S710		
* 230	<b>WQ263200</b>	CIRCUIT BOARD	DMH	D M H シ ー ト	PSR-S910		
* 240	<b>WR337700</b>	CIRCUIT BOARD	DJK	D J K シ ー ト	PSR-S710		
* 240	<b>WR337600</b>	CIRCUIT BOARD	DJK	D J K シ ー ト	PSR-S910		
* 310	<b>WR340000</b>	CIRCUIT BOARD	HP	H P シ ー ト	PSR-S710		
* 310	<b>WR339900</b>	CIRCUIT BOARD	HP	H P シ ー ト	PSR-S910		
* 330	<b>WR340200</b>	CIRCUIT BOARD	SW	S W シ ー ト	PSR-S710		
* 330	<b>WR340100</b>	CIRCUIT BOARD	SW	S W シ ー ト	PSR-S910		
350	--	DM FIXTURE S	SMALL	D M 固 定 金 具 ( 小 )	(WH72360)	2	
360	--	DM FIXTURE M	LARGE	D M 固 定 金 具 ( 大 )	(WH72370)		
370	--	SHIELD COVER U	UPPER	シ ー ル ド カ バ ー 上	PSR-S710 (WH99030)		
370	--	SHIELD COVER U	UPPER	シ ー ル ド カ バ ー 上	PSR-S910 (WH66500)		
400	<b>CB81751R</b>	CLIP, WIRE	S-14B-E,S-14	束 線 止 め	PSR-S710	10	03
400	<b>CB81751R</b>	CLIP, WIRE	S-14B-E,S-14	束 線 止 め	PSR-S910	8	03
410	<b>VJ77060R</b>	CORD CLAMP	S-126-E,8044126	束 線 止 め	PSR-S710		01
410	<b>VJ77060R</b>	CORD CLAMP	S-126-E,8044126	束 線 止 め	PSR-S910	2	01
500	--	CONNECTOR ASSEMBLY	LVDS 19P 260mm P=1.0	L V D S 束 線	PSR-S710 (WR02620)		
500	--	CONNECTOR ASSEMBLY	LVDS 25P 200mm P=1.0	L V D S 束 線	PSR-S910 (WR02430)		
* 510	<b>WR338000</b>	USB WIRE HARNESS	L=100 5P	U S B ケー ブ ル	PSR-S710		
* 510	<b>WR337900</b>	USB WIRE HARNESS	L=160 5P	U S B ケー ブ ル	PSR-S910		
* 520	<b>WR337800</b>	USB WIRE HARNESS	L=130 6P	U S B ケー ブ ル			
530	--	CONNECTOR ASSEMBLY	ZH ZH8P	Z H 束 線	(WR02450)		
540	--	CONNECTOR ASSEMBLY	MIC PH5P	M I C 束 線	PSR-S910 (WR92670)		
550	--	CONNECTOR ASSEMBLY	E-BUS2LF ZH-PH 7P	E - B U S 2 L F 束 線	PSR-S710 (WS51600)		
550	--	CONNECTOR ASSEMBLY	E-BUS2LF ZH-PH 7P	E - B U S 2 L F 束 線	PSR-S910 (WS51580)		
560	--	CONNECTOR ASSEMBLY	ANALOG ZH9P-PH11P L=840	A N A L O G 束 線	PSR-S710 (WR02610)		
560	--	CONNECTOR ASSEMBLY	ANALOG ZH9P-PH11P L=450	A N A L O G 束 線	PSR-S910 (WR02600)		
570	--	CONNECTOR ASSEMBLY	3D-LF PH5P-XH6P L=65	3 D - L F 束 線	PSR-S710 (WR64730)		
570	--	CONNECTOR ASSEMBLY	3D-LF PH5P-XH6P L=65	3 D - L F 束 線	PSR-S910 (WR64720)		
572	--	CONNECTOR ASSEMBLY	5D-LF PH4P L=70	5 D - L F 束 線	PSR-S710 (WR64750)		
572	--	CONNECTOR ASSEMBLY	5D-LF PH4P L=70	5 D - L F 束 線	PSR-S910 (WR64740)		
574	--	CONNECTOR ASSEMBLY	5L-LF PH6P L=70	5 L - L F 束 線	(WR64760)		
580	--	CONNECTOR ASSEMBLY	VIDEO PH2P	V I D E O 束 線	PSR-S910 (WR02520)		
590	--	CONNECTOR ASSEMBLY	LAN PHR-8 L=160	L A N 束 線	(WR02530)		
600	--	CONNECTOR ASSEMBLY	MIDI-PDL ZH13P-PH9P/10P	M I D I - P D L 束 線	PSR-S710 (WR02510)		
600	--	CONNECTOR ASSEMBLY	MIDI-PDL ZH13P-PH9P/10P	M I D I - P D L 束 線	PSR-S910 (WR02500)		
650	<b>MFA06080</b>	CABLE	6P 80mm P=1.0	カ ー ド 電 線			01
660	<b>MFA21060</b>	CABLE	21P 60mm P=1.0	カ ー ド 電 線			01
670	<b>WK547500</b>	FFC CABLE	PNR 23P 500mm P=1.0	F F C 束 線			05
680	<b>WK547400</b>	FFC CABLE	PNL 26P 140mm P=1.0	F F C 束 線			03
710	--	CONNECTOR ASSEMBLY	BL PH2P L=350	B L 束 線	PSR-S710 (WR91700)		
750	<b>MFA13060</b>	CABLE	13P 60mm P=1.0	カ ー ド 電 線			01
760	--	CONNECTOR ASSEMBLY	PH 3P L=80mm	P H 束 線	(WR02440)		
770	--	CONNECTOR ASSEMBLY	PBMOD PH7P-3P/4P	P B M O D 束 線	(WR02590)		

\*: New Parts

RANK: Japan only

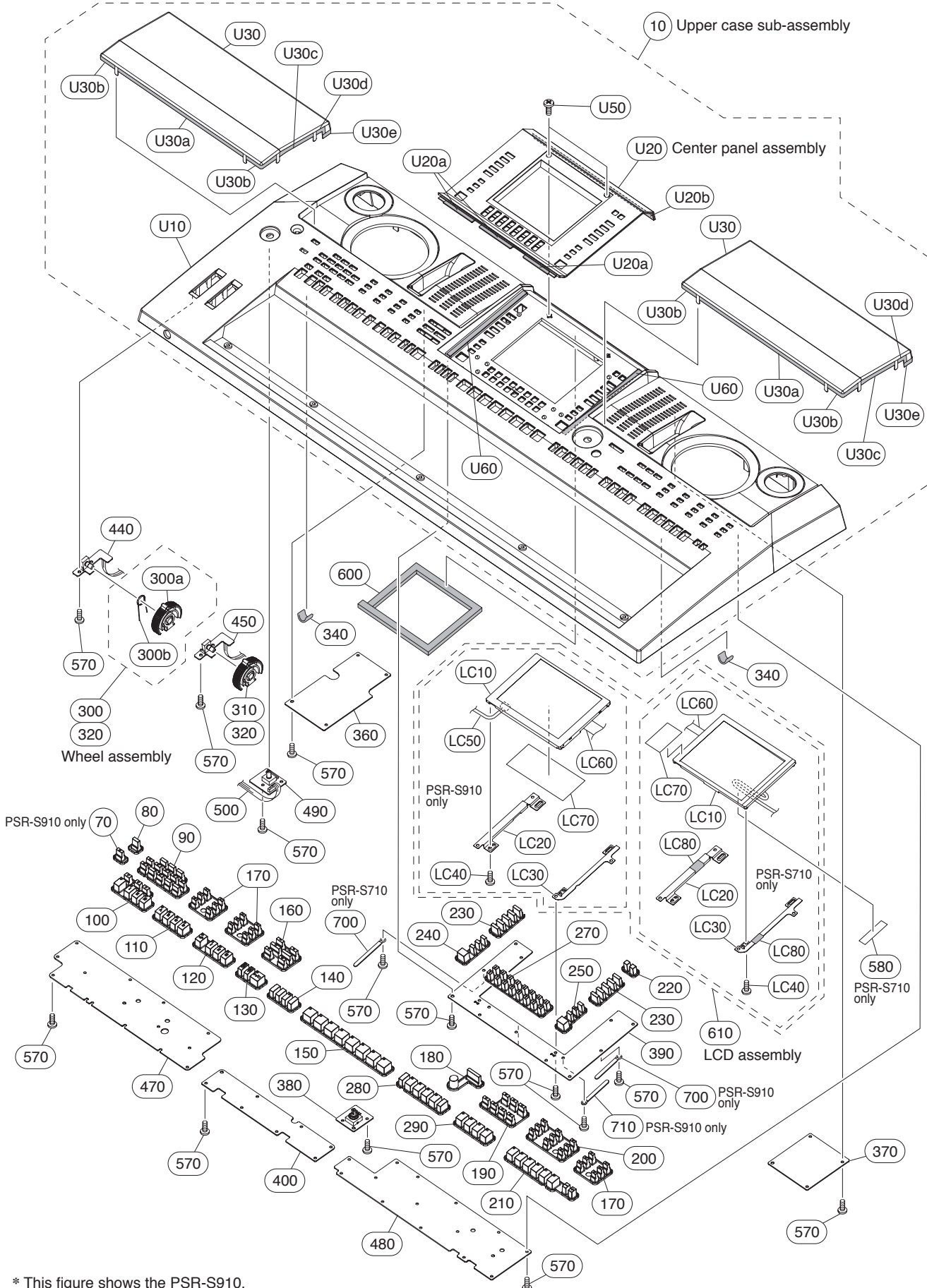
REF NO.	PART NO.	DESCRIPTION	部 品 名	REMARKS	QTY	RANK
* 800	WR356300	LCD COVER	L C D カバ ー 印 刷 品	PSR-S710		
800	WJ200800	LCD COVER	L C D カバ ー 印 刷 品	PSR-S910		08
810	VA126101	FILAMENT TAPE	粘 着 テ ー プ	PSR-S710	12	01
810	VA126101	FILAMENT TAPE	粘 着 テ ー プ	PSR-S910	14	01
820	VN195401	ADHESIVE TAPE	粘 着 テ ー プ		5	03
830	V5912400	FILAMENT TAPE	粘 着 テ ー プ	PSR-S910		2
840	--	SPONGE	防 振 ス ポ ン ジ	PSR-S910	(WR36350)	
900	--	SHIELD SEET	シ ー ル ド シ ー ト		(WK41640)	
920	--	DM CUSHION	D M ク ッ シ ョ ン	PSR-S710	(WK25040)	2
920	--	DM CUSHION	D M ク ッ シ ョ ン	PSR-S910	(WK25040)	
930	WK820200	INSULATION	絶 縁 防 振 シ ー ト			01
940	WA530900	EL ADHESIVE TAPE	導 電 性 粘 着 テ ー プ			18
		ACCESSORIES	付 属 品			
* YA592A00		CD-ROM	C D - R O M 海 外			
V8696800		MUSIC REST	譜 面 板			05
--		NONWOVEN FABRIC CLOTH	不 織 布	(WR57560)	2	
WH943500		AC ADAPTOR	A C ア ダ プ タ ー	PSR-S710 E		12
WH943100		AC ADAPTOR	A C ア ダ プ タ ー	PSR-S910 E		15
WH943600		AC ADAPTOR	A C ア ダ プ タ ー	PSR-S710 B		14
WH943200		AC ADAPTOR	A C ア ダ プ タ ー	PSR-S910 B		16
WH943400		AC ADAPTOR	A C ア ダ プ タ ー	PSR-S710 U		12
WH943000		AC ADAPTOR	A C ア ダ プ タ ー	PSR-S910 U		15
WJ049600		AC ADAPTOR	A C ア ダ プ タ ー	PSR-S710 O		14
WN445000		AC ADAPTOR	A C ア ダ プ タ ー	PSR-S910 O		17



\*: New Parts

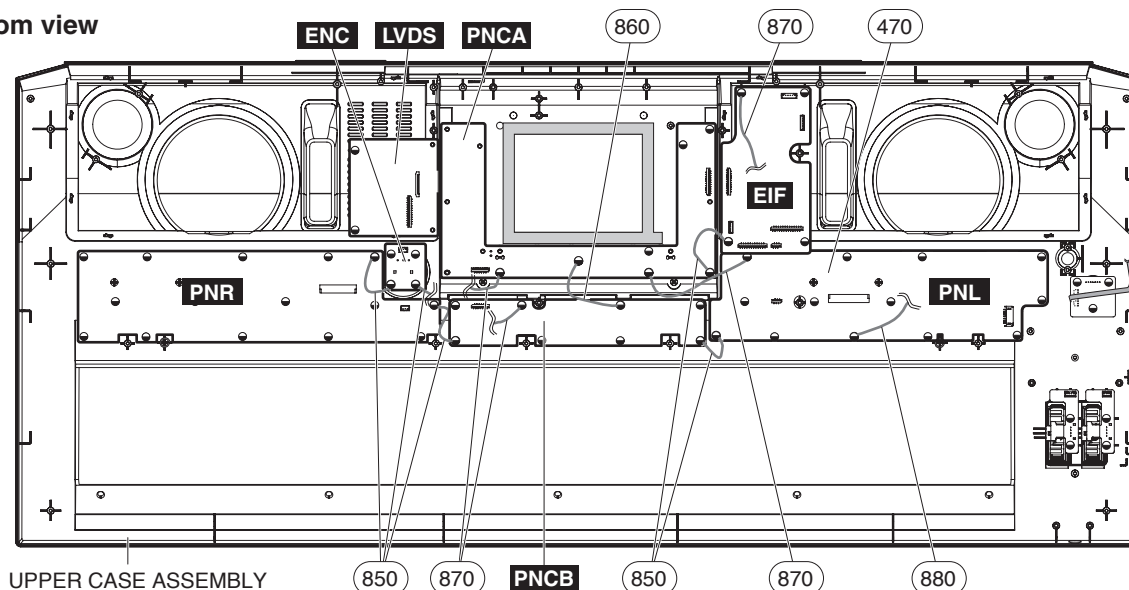
RANK: Japan only

# UPPER CASE ASSEMBLY



\* This figure shows the PSR-S910.

• Bottom view



\* This figure shows the PSR-S910.

REF NO.	PART NO.	DESCRIPTION		部 品 名	REMARKS	QTY	RANK
	--	UPPER CASE ASSEMBLY		上 ケ ー ス A s s ' y	PSR-S710/PSR-S910		
	--	UPPER CASE ASSEMBLY		上 ケ ー ス A s s ' y	PSR-S710(WR35600)		
	--	UPPER CASE ASSEMBLY		上 ケ ー ス A s s ' y	PSR-S910(WR35590)		
* 10	WR356600	UPPER CASE SUB ASSEMBLY		上 ケ ー ス サ ブ A s s ' y	PSR-S710		
* 10	WR356500	UPPER CASE SUB ASSEMBLY		上 ケ ー ス サ ブ A s s ' y	PSR-S910		
70	WJ203300	PANEL SWITCH ASSEMBLY	X1	P N ス イ ッ チ A s s ' y	PSR-S910 MIC SETTING/ VOCAL HARMONY		03
* 80	WQ721300	PN SWITCH	X1	P N ス イ ッ チ	DEMO		
* 90	WR359700	PN SWITCH ASSEMBLY	X13	P N ス イ ッ チ A s s ' y	SONG (SELECT ->>>)		
* 100	WR359800	PN SWITCH ASSEMBLY	X7	P N ス イ ッ チ A s s ' y	FADE IN/OUT, OTS LINK, AUTO FILL IN, ACOMP, INTRO(I-III)		
110	WJ203600	PANEL SWITCH ASSEMBLY	X4	P N ス イ ッ チ A s s ' y	MAIN VARIATION (A,B,C,D)		03
120	WJ203700	PANEL SWITCH ASSEMBLY	X4	P N ス イ ッ チ A s s ' y	BREAK, ENDING/rit. (I-III)		03
* 130	WR359900	PN SWITCH ASSEMBLY	X3	P N ス イ ッ チ A s s ' y	SYNC STOP, SYNC START, START/STOP		
140	WJ203900	PANEL SWITCH ASSEMBLY	X4	P N ス イ ッ チ A s s ' y	REGIST BANK(-,+), FREEZE, MEMORY		03
150	WJ204000	PANEL SWITCH ASSEMBLY	X8	P N ス イ ッ チ A s s ' y	REGISTRATION MEMORY(1-8)		04
* 160	WR360000	PN SWITCH ASSEMBLY	X6	P N ス イ ッ チ A s s ' y	TRANSPOSE(-,+), METRONOME, TAP TEMPO, TEMPO(-,+)		
* 170	WR360100	PN SWITCH ASSEMBLY	X6	P N ス イ ッ チ A s s ' y	STYLE(POP & ROCK-USER), VOICE(ACCORDION & HAR- MONICA-USER)		3
180	WH648900	PANEL SWITCH	X2	P N ス イ ッ チ	MUSIC FINDER, ENTER		03
* 190	WR360200	PN SWITCH ASSEMBLY	X7	P N ス イ ッ チ A s s ' y	PART SELECT, PART ON/OFF, (LEFT HOLD, LEFT, RIGHT1&2)		
* 200	WR360300	PN SWITCH ASSEMBLY	X9	P N ス イ ッ チ A s s ' y	VOICE(PIANO-BRASS)		
* 210	WR360400	PN SWITCH ASSEMBLY	X8	P N ス イ ッ チ A s s ' y	VOICE CTRL(HARMONY/ECHO -VARI.), UPPER OCTAVE(-,+)		
* 220	WQ721900	PN SWITCH	X2	P N ス イ ッ チ	TAB ◀▶		
* 230	WQ722000	PN SWITCH	X5	P N ス イ ッ チ	A-E, F-J		2
* 240	WQ722100	PN SWITCH	X4	P N ス イ ッ チ	BALANCE, MIXING CONSOLE, CHANNEL ON/OFF, DIRECT ACCESS		
* 250	WR360500	PN SWITCH ASSEMBLY	X4	P N ス イ ッ チ A s s ' y	FUNCTION, USB, INTERNET, EXIT		
* 270	WQ722300	PN SWITCH	X16	P N ス イ ッ チ	1-8(▲/▼)		
280	WJ204700	PANEL SWITCH ASSEMBLY	X6	P N ス イ ッ チ A s s ' y	MULTI PAD CONTROL (SELECT, 1-4, STOP)		03
290	WJ204800	PANEL SWITCH ASSEMBLY	X4	P N ス イ ッ チ A s s ' y	ONE TOUCH SETTING(1-4)		03
300	VY79310R	WHEEL ASSEMBLY		ホ イ ー ル A s s ' y	PITCH BEND		04
300a	VY75080R	WHEEL		ホ イ ー ル			03
300a	VY750810	WHEEL		W H E E L			
300b	VT44010R	SPRING		ホ イ ー ル バ ネ			03
310	VY75080R	WHEEL		ホ イ ー ル	MODULATION		03
310	VY750810	WHEEL		W H E E L	MODULATION		
320	TX920280	GREASE	G-31KA 50g	グ リ ス	(VE96850)		10

\*: New Parts

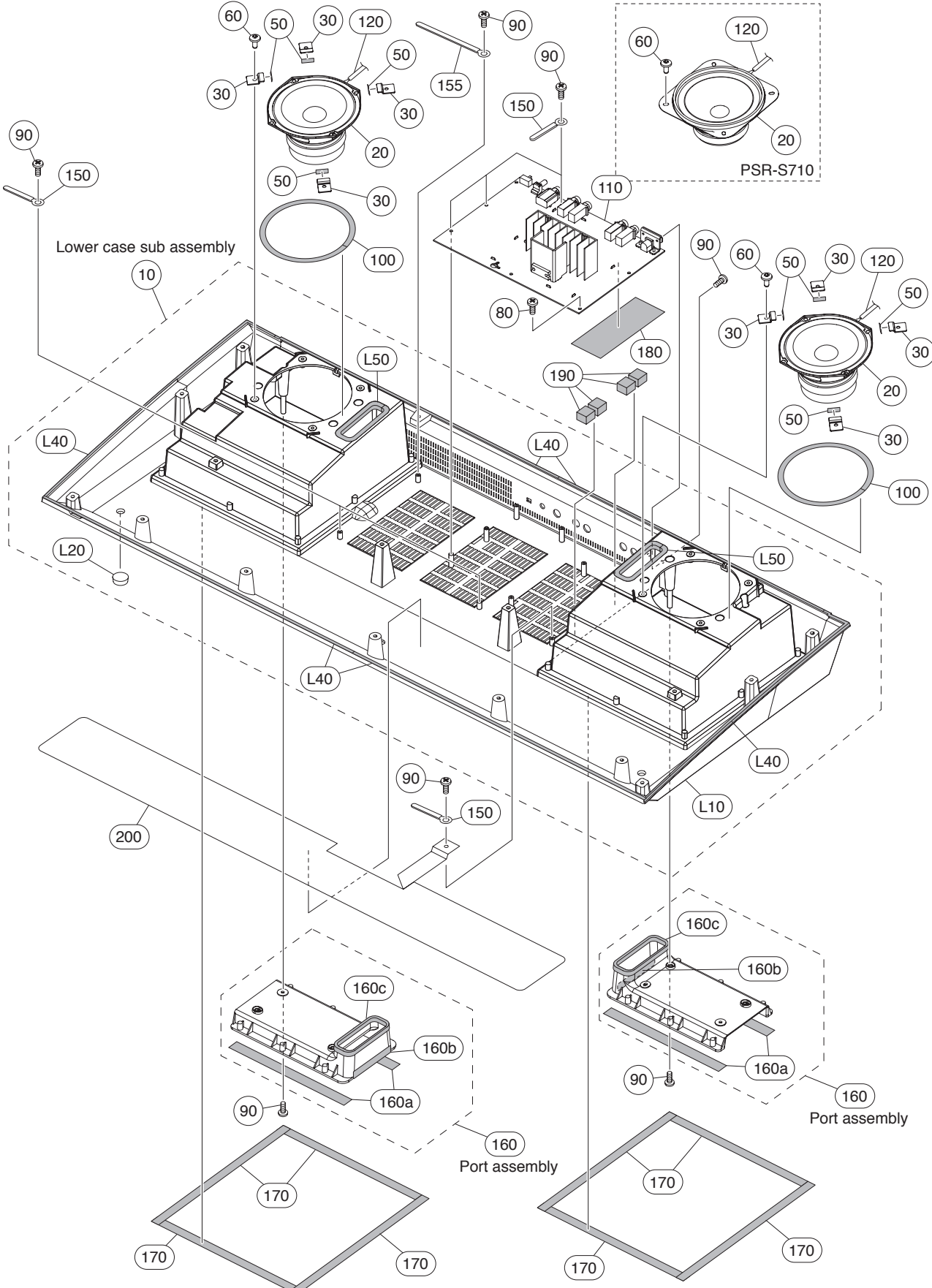
RANK: Japan only

REF NO.	PART NO.	DESCRIPTION	部 品 名	REMARKS	QTY	RANK
340	--	NONWOVEN FABRIC CLOTH	不 織 布	(WD76610)	2	
* 360	WR338200	CIRCUIT BOARD	E I F シ ー ト	PSR-S710		
* 360	WR338100	CIRCUIT BOARD	E I F シ ー ト	PSR-S910		
* 370	WR338400	CIRCUIT BOARD	B L シ ー ト	PSR-S710		
* 370	WR338300	CIRCUIT BOARD	L V D S シ ー ト	PSR-S910		
* 380	WR338600	CIRCUIT BOARD	E N C シ ー ト	PSR-S710		
* 380	WR338500	CIRCUIT BOARD	E N C シ ー ト	PSR-S910		
* 390	WR338800	CIRCUIT BOARD	P N C A シ ー ト	PSR-S710		
* 390	WR338700	CIRCUIT BOARD	P N C A シ ー ト	PSR-S910		
* 400	WR339000	CIRCUIT BOARD	P N C B シ ー ト	PSR-S710		
* 400	WR338900	CIRCUIT BOARD	P N C B シ ー ト	PSR-S910		
* 440	WR339200	CIRCUIT BOARD	P B シ ー ト	PSR-S710		
* 440	WR339100	CIRCUIT BOARD	P B シ ー ト	PSR-S910		
* 450	WR339400	CIRCUIT BOARD	M O D シ ー ト	PSR-S710		
* 450	WR339300	CIRCUIT BOARD	M O D シ ー ト	PSR-S910		
470	WJ008000	CIRCUIT BOARD	P N L シ ー ト	PSR-S710		11
470	WJ007700	CIRCUIT BOARD	P N L シ ー ト	PSR-S910		11
480	WJ008100	CIRCUIT BOARD	P N R シ ー ト	PSR-S710		11
480	WJ007800	CIRCUIT BOARD	P N R シ ー ト	PSR-S910		11
* 490	WR345000	CIRCUIT BOARD	V R シ ー ト	PSR-S710		
* 490	WR344900	CIRCUIT BOARD	V R シ ー ト	PSR-S910		
500	--	CONNECTOR ASSEMBLY	M V 束 線	(WR02580)		
570	WE774301	BIND HEAD TAPPING SCREW-B	B タ イ ト + B I N D		74	01
580	VA126101	FILAMENT TAPE	粘 着 テ ー プ	PSR-S710		01
600	--	DUST PROOF CLOTH	防 塵 フ ォ ー ム	(WJ00090)		
610	--	LCD ASSEMBLY	L C D A s s ' y	PSR-S710		
610	--	LCD ASSEMBLY	L C D A s s ' y	PSR-S910		
700	CB81751R	CLIP, WIRE	S-14B-E,S-14			03
710	VJ77060R	CORD CLAMPER	S-126-E,8044126 L=126mm	束 線 止 め		01
850	--	CONNECTOR ASSEMBLY	GROUND1 L=30mm	ア ー ス 線 1	(WJ01330)	5
860	--	CONNECTOR ASSEMBLY	GROUND2 L=50mm	ア ー ス 線 2	(WJ01340)	
870	--	CONNECTOR ASSEMBLY	GROUND3 L=80mm	ア ー ス 線 3	(WJ01350)	4
880	--	CONNECTOR ASSEMBLY	GROUND4 L=120mm	ア ー ス 線 4	(WJ01360)	
* U10	WR356600	UPPER CASE SUB ASSEMBLY	上 ケ ー ス サ ブ A s s ' y	PSR-S710		
* U10	WR356500	UPPER CASE SUB ASSEMBLY	上 ケ ー ス サ ブ A s s ' y	PSR-S910		
U10	--	UPPER CASE	上 ケ ー ス 塗 装 印 刷 品	PSR-S710		(WR35680)
U20	WR357700	CENTER PANEL ASSEMBLY	上 ケ ー ス 塗 装 印 刷 品	PSR-S910		(WR35670)
* U20	WR357600	CENTER PANEL ASSEMBLY	C. パ ネ ル A s s ' y	PSR-S710		
* U20	WR357600	CENTER PANEL ASSEMBLY	C. パ ネ ル A s s ' y	PSR-S910		
U20a	--	CUSHION(PE)	ク ッ シ ョ ン ( P E )			(WJ26270) 3
U20b	--	NONWOVEN FABRIC CLOTH	不 織 布			(WJ00040)
U30	WH723300	SPEAKER GRILLE ASSEMBLY	S P グ リ ル A s s ' y			2 07
U30a	--	NONWOVEN FABRIC CLOTH	不 織 布			(WH95200) 2
U30b	--	NONWOVEN FABRIC CLOTH	不 織 布			(WH95210) 2
U30c	--	NONWOVEN FABRIC CLOTH	不 織 布			(WH95220) 2
U30d	--	NONWOVEN FABRIC CLOTH	不 織 布			(WH95230) 2
U30e	--	NONWOVEN FABRIC CLOTH	不 織 布			(WH95240) 2
U50	WE774301	BIND HEAD TAPPING SCREW-B	B タ イ ト + B I N D			2 01
U60	--	CUSHION(PE)	ク ッ シ ョ ン ( P E )			(WJ26260) 2
LC10	--	LCD ASSEMBLY	L C D A s s ' y	PSR-S710		(WR35840)
LC10	--	LCD ASSEMBLY	L C D A s s ' y	PSR-S910		(WR35830)
* LC10	WR339600	CRYSTAL DISPLAY	液 晶 デ ィ ス プ レ イ	PSR-S710		
* LC10	WR339500	CRYSTAL DISPLAY	液 晶 デ ィ ス プ レ イ	PSR-S910		
* LC20	WR358600	LCD FIXTURE L	L C D 固 定 金 具 L			
* LC30	WR358700	LCD FIXTURE R	L C D 固 定 金 具 R			
LC40	WE936300	BIND HEAD TAPPING SCREW-B	B タ イ ト + B I N D			4 01
LC50	--	CONNECTOR ASSEMBLY	B L 束 線	PSR-S910		(WR02400)
LC60	WK547600	FFC CABLE	F F C 束 線	PSR-S710		02
LC60	--	CONNECTOR ASSEMBLY	L C D 33P 100mm P=0.50	PSR-S910		(WR02410)
LC70	WA530900	EL ADHESIVE TAPE	AL-40 40mmX20m	導 電 性 粘 着 テ ー プ		18
LC80	WG526801	ADHESIVE TAPE	15X30	ア セ テ ー ト ク ロ ス 粘 着	PSR-S710	09

\*: New Parts

RANK: Japan only

# LOWER CASE ASSEMBLY



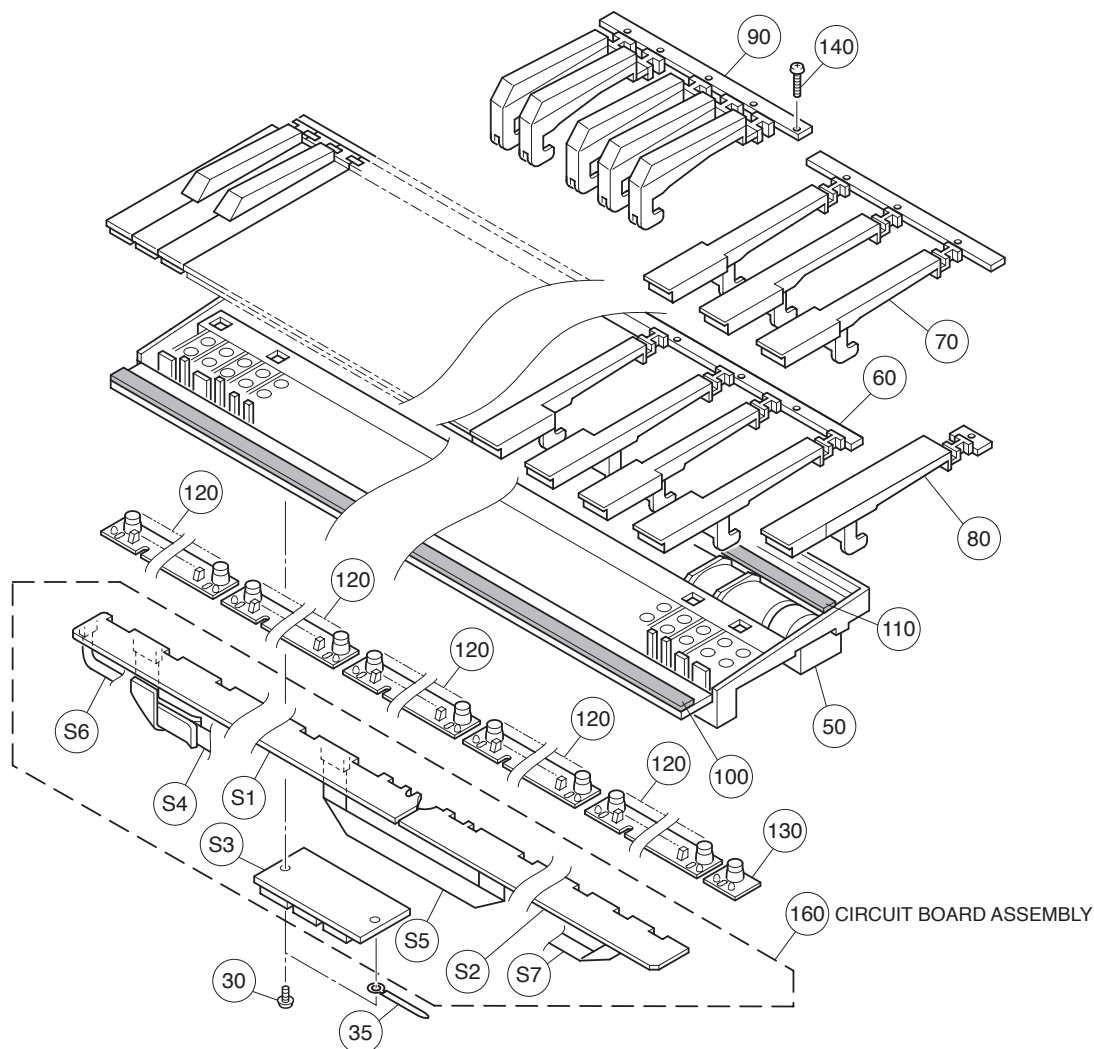
\* This figure shows the PSR-S910.

REF NO.	PART NO.	DESCRIPTION		部 品 名	REMARKS	QTY	RANK
	--	LOWER CASE ASSEMBLY		下 ケ ー ス A s s ' y	PSR-S710/PSR-S910		
	--	LOWER CASE ASSEMBLY		下 ケ ー ス A s s ' y	PSR-S710 (WR35620)		
	--	LOWER CASE ASSEMBLY		下 ケ ー ス A s s ' y	PSR-S910 (WR35610)		
* 10	WS616000	LOWER CASE SUB ASSEMBLY		下 ケ ー ス サ ブ A s s ' y	PSR-S710		
* 10	WS615900	LOWER CASE SUB ASSEMBLY		下 ケ ー ス サ ブ A s s ' y	PSR-S910		
20	XT523A0R	SPEAKER	12.0cm 4ohm 10W	ス ピ ー カ	PSR-S710 WOOFER	2	07
20	X8535A00	SPEAKER	12.0cm 6ohm 30W	ス ピ ー カ	PSR-S910 WOOFER	2	08
30	V748070R	SPEAKER HOLDER		ウ ー フ ァ ー 固 定 金 具	PSR-S910	8	01
50	--	NONWOVEN FABRIC CLOTH	16X5X0.5	不 織 布	PSR-S910 (V834600)	8	
60	WE97460R	BIND HEAD TAPPING SCREW-B	4.0X8 MFZN2W3	B タ イ ト + B I N D		8	01
80	WF002600	PWH TAPPING SCREW-B	3.0X8 MFZN2W3	B タ イ ト + P W H			01
90	WE774301	BIND HEAD TAPPING SCREW-B	3.0X8 MFZN2W3	B タ イ ト + B I N D		21	01
100	--	CUSHION(PE)	390X8X1	ク ッ シ ョ ン ( P E )	(WH95380)	2	
* 110	WR339800	CIRCUIT BOARD	AM	A M シ ー ト	PSR-S710		
* 110	WR339700	CIRCUIT BOARD	AM	A M シ ー ト	PSR-S910		
120	--	CONNECTOR ASSEMBLY	WO-LF XH5P	W O - L F 束 線	(WR64780)		
150	CB81751R	CLIP, WIRE	S-14B-E,S-14	束 線 止 め		6	03
155	VJ77060R	CORD CLAMPER	S-126-E,8044126 L=126mm	束 線 止 め			01
160	--	PORT ASSEMBLY		ポ ー ト A s s ' y	(WJ24040)	2	
160a	--	CUSHION(PE)	192X10X1	ク ッ シ ョ ン ( P E )	(WJ24010)	2	
160b	--	CUSHION(PE)	84X16X1	ク ッ シ ョ ン ( P E )	(WJ24020)		
160c	--	CUSHION(PE)	218X13X2	ク ッ シ ョ ン ( P E )	(WJ24940)		
170	--	CUSHION(PE)	240X8X1	ク ッ シ ョ ン ( P E )	(WH95400)	8	
180	--	CUSHION L		A M ク ッ シ ョ ン ( 大 )	(WT51020)		
190	--	CUSHION S		A M ク ッ シ ョ ン ( 小 )	(WT51030)	4	
200	--	SHIELD SHEET		シ ー ル ド シ ー ト	(WR35960)		
* L10	WS616000	LOWER CASE SUB ASSEMBLY		下 ケ ー ス サ ブ A s s ' y	PSR-S710		
* L10	WS615900	LOWER CASE SUB ASSEMBLY	SUB ASSEMBLY #3014	下 ケ ー ス サ ブ A s s ' y	PSR-S910		
L10	--	LOWER CASE		下 ケ ー ス 印 刷 品	PSR-S710 (WS61480)		
L10	--	LOWER CASE		下 ケ ー ス 印 刷 品	PSR-S910 (WS61460)		
L20	CB043753	RUBBER FOOT, BLACK	T1.6	ゴ ム 脚		5	05
L40	--	CUSHION(PE)	500X13X1	ク ッ シ ョ ン ( P E )	(WJ16590)	6	
L50	--	CUSHION	205X5X5	ク ッ シ ョ ン	(WJ04390)	2	

\*: New Parts

RANK: Japan only

# KEYBOARD ASSEMBLY



REF NO.	PART NO.	DESCRIPTION	部 品 名	REMARKS	QTY	RANK
		KEYBOARD ASSEMBLY	1 6 M 鍵盤 E M K S A	PSR-S710/PSR-S910		
	<b>WB91420R</b>	KEYBOARD ASSEMBLY	1 6 M 鍵盤 E M K S A			18
30	<b>WF266600</b>	BIND HEAD TAPPING SCREW-P	3.0X8 MFZN2B3	P タイト + B I N D	2	01
35	<b>CB81751R</b>	CLIP, WIRE	S-14B-E,S-14	束 線 止 め		03
50	--	FRAME	C61 16M	フ レ - ム		(VS15380)
50	<b>VU32860R</b>	FRAME	C61 16M	フ レ - ム		07
60	<b>VH180900</b>	WHITE KEY	16L CEGB	白 鍵 C E G B	5	03
70	<b>VH181000</b>	WHITE KEY	16L DFA	白 鍵 D F A	5	03
80	<b>VH181101</b>	WHITE KEY	16L C'	白 鍵 C '		01
90	<b>VH18120R</b>	BLACK KEY	16L #	黒 鍵	5	03
100	<b>VH181300</b>	FELT		フ ェ ル ト		03
110	<b>VH181400</b>	RUBBER SHEET		ゴ ム シ - ー ト		01
110	<b>WA52510R</b>	RUBBER SHEET		ク ッ シ ョ ン シ - ー ト		01
120	<b>VU328400</b>	RUBBER CONTACT	16M CT 2M 12KEYS	接 点 ゴ ム	5	06
130	<b>VU328500</b>	RUBBER CONTACT	16M C' 2M 1KEY	接 点 ゴ ム		05
140	<b>WE97300R</b>	BIND HEAD TAPPING SCREW-P	3.0X16 MFZN2W3	P タイト + B I N D	21	01
140	<b>WE983200</b>	BIND HEAD TAPPING SCREW-P	3.0X16 MFZN2B3	P タイト + B I N D	21	01
150	<b>TX920280</b>	GREASE	G-31KA 50g	グ リ ス		(VE96850) 10
160	--	CIRCUIT BOARD ASSEMBLY	16M C61 P2M EBUS	鍵盤 S W シ - ー ト		(WB91430)
		CIRCUIT BOARD ASSEMBLY	16M C61 P2M EBUS	鍵盤 S W シ - ー ト		(WB91430)
S1	<b>VU648101</b>	CIRCUIT BOARD	MK-L	M K - L シ - ー ト		08
S2	<b>VU648200</b>	CIRCUIT BOARD	MK-H	M K - H シ - ー ト		09
S3	<b>WF310500</b>	CIRCUIT BOARD	EMKS61A(E-BUS)	E M K S 6 1 A シ - ー ト		08
S4	<b>VU95890R</b>	CABLE	12P	ケ - ブ ル		03
S5	<b>VU65950R</b>	CABLE	12P	ケ - ブ ル		02
S6	<b>VU65940R</b>	CABLE	7P	ケ - ブ ル		02
S7	<b>VU65960R</b>	CABLE	5P	ケ - ブ ル		02

\*: New Parts

RANK: Japan only



# ELECTRICAL PARTS (PSR-S710)

## AM/DJK/HP/SW/VR

REF NO.	PART NO.	DESCRIPTION	部 品 名	REMARKS	QTY	RANK
		ELECTRICAL PARTS	電 気 部 品	PSR-S710		
*	WR339800	CIRCUIT BOARD	AM	A M シ ー ト	(WQ86260)(YA597C0)	
*	WR337700	CIRCUIT BOARD	DJK	D J K シ ー ト	(WQ86260)(YA597C0)	
*	WR340000	CIRCUIT BOARD	HP	H P シ ー ト	(WQ86260)(YA597C0)	
*	WR340200	CIRCUIT BOARD	SW	S W シ ー ト	(WQ86260)(YA597C0)	
*	WR345000	CIRCUIT BOARD	VR	V R シ ー ト	(WQ86260)(YA597C0)	
*	WQ474200	CIRCUIT BOARD	DML	D M L シ ー ト	(YA298D0)	
*	WR338400	CIRCUIT BOARD	BL	B L シ ー ト	(WQ78480)(YA394C0)	
*	WR338200	CIRCUIT BOARD	EIF	E I F シ ー ト	(WQ78480)(YA394C0)	
*	WR338600	CIRCUIT BOARD	ENC	E N C シ ー ト	(WQ78480)(YA394C0)	
*	WR345100	CIRCUIT BOARD	LANL	L A N L シ ー ト	(WQ78480)(YA394C0)	
*	WR339400	CIRCUIT BOARD	MOD	M O D シ ー ト	(WQ78480)(YA394C0)	
*	WR339200	CIRCUIT BOARD	PB	P B シ ー ト	(WQ78480)(YA394C0)	
*	WR338800	CIRCUIT BOARD	PNCA	P N C A シ ー ト	(WQ78480)(YA394C0)	
*	WR339000	CIRCUIT BOARD	PNCB	P N C B シ ー ト	(WQ78480)(YA394C0)	
	WF310500	CIRCUIT BOARD	EMKS61A (E-BUS)	E M K S 6 1 A シ ー ト	(WF31010)(X6637C0)	08
	VU648200	CIRCUIT BOARD	MK-H	M K - H シ ー ト	(VU64800)(XR565C0)	09
	VU648101	CIRCUIT BOARD	MK-L	M K - L シ ー ト	(VU64790)(XR564C0)	08
	WJ008000	CIRCUIT BOARD	PNL	P N L シ ー ト	(WJ00790)(X8086D0)	11
	WJ008100	CIRCUIT BOARD	PNR	P N R シ ー ト	(WJ00790)(X8086D0)	11
*	WR339800	CIRCUIT BOARD	AM	A M シ ー ト	(WQ86260)(YA597C0)	
*	WR337700	CIRCUIT BOARD	DJK	D J K シ ー ト	(WQ86260)(YA597C0)	
*	WR340000	CIRCUIT BOARD	HP	H P シ ー ト	(WQ86260)(YA597C0)	
*	WR340200	CIRCUIT BOARD	SW	S W シ ー ト	(WQ86260)(YA597C0)	
*	WR345000	CIRCUIT BOARD	VR	V R シ ー ト	(WQ86260)(YA597C0)	
70	--	DC CONNECTOR PLATE		D C ジ ャ ッ ク 金 具	(V748520)	
90	WE774301	BIND HEAD TAPPING SCREW-B	3.0X8 MFZN2W3	B タ イ ト + B I N D		01
100	WE774200	BIND HEAD TAPPING SCREW-B	3.0X10 MFZN2W3	B タ イ ト + B I N D		01
110	--	SILICON GREASE	G-746	シ リ コ ン グ リ ス	(0412125)	
130	--	SHIELD COVER AM		シ ー ル ド カ バ ー A M	(WC62800)	
C0905	UR749680	ELECTROLYTIC CAPACITOR	6800 25.0V FORM.	ケ ミ コ ン		03
CN011	VB39070R	CONNECTOR	PH 11P TE	ベ ー ス ポ ス ト		01
CN046	VK024900	CONNECTOR	52147 5P TE	ワ イ ヤ ー ト ラ ッ プ		01
CN047	VI878300	CONNECTOR	51048 5P TE	ケ ー ブ ル ホ ル ダ ー		01
CN051	LB91805R	CONNECTOR	XH 5P TE	ベ ー ス ツ キ ポ ス ト		01
CN053	LB918040	CONNECTOR	XH 4P TE	ベ ー ス ツ キ ポ ス ト		01
CN072	VB390200	CONNECTOR	PH 6P TE	ベ ー ス ポ ス ト		01
CN073	VB39010R	CONNECTOR	PH 5P TE	ベ ー ス ポ ス ト		01
CN075	VB39050R	CONNECTOR	PH 9P TE	ベ ー ス ポ ス ト		03
CN081	VB39060R	CONNECTOR	PH 10P TE	ベ ー ス ポ ス ト		01
CN091	VF72830R	CONNECTOR	52147 6P TE	ワ イ ヤ ー ト ラ ッ プ		01
CN094	VI878400	CONNECTOR	51048 6P TE	ケ ー ブ ル ホ ル ダ ー		01
CN096	VB39000R	CONNECTOR	PH 4P TE	ベ ー ス ポ ス ト		01
CN097	LB918060	CONNECTOR	XH 6P TE	ベ ー ス ツ キ ポ ス ト		01
CN098	VB390200	CONNECTOR	PH 6P TE	ベ ー ス ポ ス ト		01
CN099	VB39040R	CONNECTOR	PH 8P TE	ベ ー ス ポ ス ト		01
CN100	VB39040R	CONNECTOR	PH 8P TE	ベ ー ス ポ ス ト		01
D0090	VR313500	DIODE	S3V20 JI	ダ イ オ ー ド		01
HT051	--	HEAT SINK	25BS098H-L50	放 熱 板	(V776520)	
HT053	--	HEAT SINK		放 熱 板	(WD18590)	
IC051	XQ619A00	IC	LA4705NA-E	I C	POWER AMP 17W	05
IC053	XW812A0R	IC	LA4262-E	I C	POWER AMP 7W 2ch	04
IC074	WA64520R	PHOTO COUPLER	PC900VONSZX	フ ォ ト カ プ ラ		04
IC092	XJ608A00	IC	NJM7812FA	I C	REGULATOR +12V	02
IC095	X4404A01	IC	MPD6S004S	I C	DC-DC CONVERTER	09
JK014	VB312600	PHONE JACK	JACK YKB21-5012	ホ ー ン コ ネ ク タ ( 黒 )	AUX IN R	02
JK015	VC68750R	PHONE JACK	JACK YKB21-5014	ホ ー ン コ ネ ク タ ( 黒 )	AUX IN L/L+R	01
JK044	VB312600	PHONE JACK	JACK YKB21-5012	ホ ー ン コ ネ ク タ ( 黒 )	OUTPUT R	02
JK045	VC68750R	PHONE JACK	JACK YKB21-5014	ホ ー ン コ ネ ク タ ( 黒 )	OUTPUT L/L+R	01
JK049	LB101870	PHONE JACK	JACK YKB21-5006	ホ ー ン コ ネ ク タ	} PHONES	03
JK049	WJ306200	PHONE JACK	MSJ-064-15A B AG	ホ ー ン コ ネ ク タ		
JK072	WA245700	USB CONNECTOR	YKF45 4P SE	U S B コ ネ ク タ	} USB TO DEVICE	02
JK072	WK450700	USB CONNECTOR	YKF45-0033N 4P SE	U S B コ ネ ク タ		
JK073	V6802600	USB CONNECTOR	USB 4P SE	U S B ジ ャ ッ ク	USB TO HOST	02
JK074	VJ10720R	DIN CONNECTOR	JACK5P YKF51-5050N	D I N コ ネ ク タ	} MIDI IN	01
JK074	VZ085800	DIN CONNECTOR	5P HDC-052S-01	D I N コ ネ ク タ		
JK075	VJ10720R	DIN CONNECTOR	JACK5P YKF51-5050N	D I N コ ネ ク タ	} MIDI OUT	01
JK075	VZ085800	DIN CONNECTOR	5P HDC-052S-01	D I N コ ネ ク タ		
JK081	VS11540R	PHONE CONNECTOR	LGR4609-7100F	ホ ー ン コ ネ ク タ ( 黒 )	FOOT PEDAL 1	01

\*: New Parts

RANK: Japan only

AM/DJK/HP/SW/VR

REF NO.	PART NO.	DESCRIPTION	部 品 名	REMARKS	QTY	RANK	
JK082	VS11540R	PHONE CONNECTOR	LGR4609-7100F	ホ ー ン コ ネ ク タ ( 黒 )	FOOT PEDAL 2	01	
JK090	V7509100	DC IN JACK	DJ-0735D_029	電 源 コ ネ ク タ		DC IN 16V	02
L0090	WB21490R	LINE FILTER	PLH10AN1112R6P2B	ラ イ ン フ ィ ル タ ー			03
R2003	--	JAMPER WIRE	0.55 TIN	ジ ャ ン パ ー 線	}	04	
RY1	V824560R	RELAY	DC ATX203	リ レ ー			
RY1	V8616500	RELAY	DC G6S-2	リ レ ー 1 2 V	}	04	
RY1	WB751900	RELAY	DC EC2-12NU-F	リ レ ー 1 2 V		03	
SW094	V966170R	PUSH SWITCH	SY16-32-4(U99S2)/T	ブ ッ シ ュ S W		STANDBY/ON	03
TH090	V8132900	FUSE	MF-R250-AP-10	マ ル チ ヒ ュ ー ズ	}	03	
TH090	VV45800R	PROTECTOR SWITCH RUE250	RUEF250 2.50A 30V	ポ リ ス イ ッ チ		03	
VR013	WA994700	ROTARY VARIABLE RESISTOR	A 10.0K XV014111	二 連 ロ ー タ リ ー V R	MASTER VOLUME	02	
WH001	--	CONNECTOR ASSEMBLY	HP-LF	H P ー L F 束 線	(WT52620)		
WH003	--	CONNECTOR ASSEMBLY	SW	S W 束 線	(WR02570)		
WH004	--	CONNECTOR ASSEMBLY	GROUND	ア ー ス 線	(WH91410)		
C0013	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01	
C0021	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01	
C0022	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01	
C0031	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01	
C0032	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01	
C0048	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01	
C0050	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01	
C0055	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01	
C0059	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01	
C0092	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01	
C0093	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01	
C0141	US063100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チ ッ プ セ ラ ( B )		01	
C0145	US062100	CERAMIC CAPACITOR (CHIP)	100P 50V J RECT.	チ ッ プ セ ラ ( S L )		01	
C0148	US062220	CERAMIC CAPACITOR (CHIP)	220P 50V J RECT.	チ ッ プ セ ラ ( S L )		01	
C0151	US063100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チ ッ プ セ ラ ( B )		01	
C0155	US062100	CERAMIC CAPACITOR (CHIP)	100P 50V J RECT.	チ ッ プ セ ラ ( S L )		01	
C0158	US062220	CERAMIC CAPACITOR (CHIP)	220P 50V J RECT.	チ ッ プ セ ラ ( S L )		01	
C0163	US06168R	CERAMIC CAPACITOR (CHIP)	68P 50V J RECT.	チ ッ プ セ ラ ( S L )		01	
C0167	US063100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チ ッ プ セ ラ ( B )		01	
C0173	US06168R	CERAMIC CAPACITOR (CHIP)	68P 50V J RECT.	チ ッ プ セ ラ ( S L )		01	
C0177	US063100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チ ッ プ セ ラ ( B )		01	
C0220	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )		01	
C0231	US063100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チ ッ プ セ ラ ( B )		01	
C0233	US062100	CERAMIC CAPACITOR (CHIP)	100P 50V J RECT.	チ ッ プ セ ラ ( S L )		01	
C0320	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )		01	
C0331	US063100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チ ッ プ セ ラ ( B )		01	
C0333	US062100	CERAMIC CAPACITOR (CHIP)	100P 50V J RECT.	チ ッ プ セ ラ ( S L )		01	
C0414	US06322R	CERAMIC CAPACITOR (CHIP)	2200P 50V K RECT.	チ ッ プ セ ラ ( B )		01	
C0416	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )		01	
C0424	US06322R	CERAMIC CAPACITOR (CHIP)	2200P 50V K RECT.	チ ッ プ セ ラ ( B )		01	
C0426	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )		01	
C0431	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01	
C0442	US063100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チ ッ プ セ ラ ( B )		01	
C0445	US06168R	CERAMIC CAPACITOR (CHIP)	68P 50V J RECT.	チ ッ プ セ ラ ( S L )		01	
C0447	US063100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チ ッ プ セ ラ ( B )		01	
C0452	US063100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チ ッ プ セ ラ ( B )		01	
C0455	US06168R	CERAMIC CAPACITOR (CHIP)	68P 50V J RECT.	チ ッ プ セ ラ ( S L )		01	
C0457	US063100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チ ッ プ セ ラ ( B )		01	
C0471	US06322R	CERAMIC CAPACITOR (CHIP)	2200P 50V K RECT.	チ ッ プ セ ラ ( B )		01	
C0481	US06322R	CERAMIC CAPACITOR (CHIP)	2200P 50V K RECT.	チ ッ プ セ ラ ( B )		01	
C0502	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01	
C0506	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01	
C0515	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )		01	
C0525	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )		01	
C0535	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )		01	
C0545	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )		01	
C0553	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01	
C0721	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01	
C0722	US061220	CERAMIC CAPACITOR (CHIP)	22P 50V J RECT.	チ ッ プ セ ラ ( C H )		01	
C0723	US061220	CERAMIC CAPACITOR (CHIP)	22P 50V J RECT.	チ ッ プ セ ラ ( C H )		01	
C0731	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01	
C0741	US064100	CERAMIC CAPACITOR (CHIP)	0.0100 50V K RECT.	チ ッ プ セ ラ ( B )		01	
C0742	US064100	CERAMIC CAPACITOR (CHIP)	0.0100 50V K RECT.	チ ッ プ セ ラ ( B )		01	
C0812	US064100	CERAMIC CAPACITOR (CHIP)	0.0100 50V K RECT.	チ ッ プ セ ラ ( B )		01	
C0814	US062100	CERAMIC CAPACITOR (CHIP)	100P 50V J RECT.	チ ッ プ セ ラ ( S L )		01	
C0822	US064100	CERAMIC CAPACITOR (CHIP)	0.0100 50V K RECT.	チ ッ プ セ ラ ( B )		01	



\*: New Parts

RANK: Japan only

## AM/DJK/HP/SW/VR

REF NO.	PART NO.	DESCRIPTION	部 品 名	REMARKS	QTY	RANK
C0824	US062100	CERAMIC CAPACITOR (CHIP)	100P 50V J RECT.	チップセラ ( S L )		01
C0901	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チップセラ ( F )		01
-0904	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チップセラ ( F )		01
C0921	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チップセラ ( F )		01
C0931	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チップセラ ( F )		01
C0935	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チップセラ ( F )		01
C0936	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チップセラ ( F )		01
C0951	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チップセラ ( F )		01
C0952	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チップセラ ( F )		01
C0961	V5333500	CERAMIC CAPACITOR (CHIP)	10.0 6.3V K RECT.	チップセラ ( B )		01
C0962	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チップセラ ( F )		01
C0971	V5333500	CERAMIC CAPACITOR (CHIP)	10.0 6.3V K RECT.	チップセラ ( B )		01
C0972	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チップセラ ( F )		01
C0982	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チップセラ ( F )		01
-0984	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チップセラ ( F )		01
C0987	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チップセラ ( F )		01
C0988	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チップセラ ( F )		01
C0990	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チップセラ ( F )		01
C0991	US062100	CERAMIC CAPACITOR (CHIP)	100P 50V J RECT.	チップセラ ( S L )		01
-0996	US062100	CERAMIC CAPACITOR (CHIP)	100P 50V J RECT.	チップセラ ( S L )		01
C0999	US062100	CERAMIC CAPACITOR (CHIP)	100P 50V J RECT.	チップセラ ( S L )		01
C1000	US062100	CERAMIC CAPACITOR (CHIP)	100P 50V J RECT.	チップセラ ( S L )		01
C1003	US063100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チップセラ ( B )		01
C1004	US063100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チップセラ ( B )		01
C1005	US062100	CERAMIC CAPACITOR (CHIP)	100P 50V J RECT.	チップセラ ( S L )		01
C1006	US062100	CERAMIC CAPACITOR (CHIP)	100P 50V J RECT.	チップセラ ( S L )		01
C1010	US06256R	CERAMIC CAPACITOR (CHIP)	560P 50V J RECT.	チップセラ ( S L )		01
C1011	US06256R	CERAMIC CAPACITOR (CHIP)	560P 50V J RECT.	チップセラ ( S L )		01
C2005	US063470	CERAMIC CAPACITOR (CHIP)	4700P 50V K RECT.	チップセラ ( B )		01
D0040	VT332900	DIODE	1SS355 TE-17 TP	ダイオード		01
D0059	VR49650R	DIODE	MA2J1110GL TP	チップダイオード		01
D0059	VT332900	DIODE	1SS355 TE-17 TP	ダイオード		01
D0059	WG139300	DIODE	KDS4148U-RTK/P TE-	ダイオード		01
D0074	VR49650R	DIODE	MA2J1110GL TP	チップダイオード		01
D0074	VT332900	DIODE	1SS355 TE-17 TP	ダイオード		01
D0074	WG139300	DIODE	KDS4148U-RTK/P TE-	ダイオード		01
D0092	VR49650R	DIODE	MA2J1110GL TP	チップダイオード		01
D0092	VT332900	DIODE	1SS355 TE-17 TP	ダイオード		01
D0092	WG139300	DIODE	KDS4148U-RTK/P TE-	ダイオード		01
D0811	VR49650R	DIODE	MA2J1110GL TP	チップダイオード		01
D0811	VT332900	DIODE	1SS355 TE-17 TP	ダイオード		01
D0811	WG139300	DIODE	KDS4148U-RTK/P TE-	ダイオード		01
D0812	VR49650R	DIODE	MA2J1110GL TP	チップダイオード		01
D0812	VT332900	DIODE	1SS355 TE-17 TP	ダイオード		01
D0812	WG139300	DIODE	KDS4148U-RTK/P TE-	ダイオード		01
D0821	VR49650R	DIODE	MA2J1110GL TP	チップダイオード		01
D0821	VT332900	DIODE	1SS355 TE-17 TP	ダイオード		01
D0821	WG139300	DIODE	KDS4148U-RTK/P TE-	ダイオード		01
D0822	VR49650R	DIODE	MA2J1110GL TP	チップダイオード		01
D0822	VT332900	DIODE	1SS355 TE-17 TP	ダイオード		01
D0822	WG139300	DIODE	KDS4148U-RTK/P TE-	ダイオード		01
IC013	X5482A00	IC	NE5532DR	I C	OP AMP	01
IC021	X7391A00	IC	UPC4574G2-E1-A	I C	OP AMP	02
IC022	X7391A00	IC	UPC4574G2-E1-A	I C	OP AMP	02
IC031	X7391A00	IC	UPC4574G2-E1-A	I C	OP AMP	02
IC032	X7391A00	IC	UPC4574G2-E1-A	I C	OP AMP	02
IC043	X7391A00	IC	UPC4574G2-E1-A	I C	OP AMP	02
IC048	X5049A0R	IC	NJM4556AM-TE1	I C	OP AMP	02
IC050	X5482A00	IC	NE5532DR	I C	OP AMP	01
IC055	X5482A00	IC	NE5532DR	I C	OP AMP	01
IC093	X5482A00	IC	NE5532DR	I C	OP AMP	01
L0141	VY65720R	CHIP INDUCTANCE	600 BK1608HM601-T	チップインダクタ		01
L0142	VY65720R	CHIP INDUCTANCE	600 BK1608HM601-T	チップインダクタ		01
L0151	VY65720R	CHIP INDUCTANCE	600 BK1608HM601-T	チップインダクタ		01
L0152	VY65720R	CHIP INDUCTANCE	600 BK1608HM601-T	チップインダクタ		01
L0231	VY65720R	CHIP INDUCTANCE	600 BK1608HM601-T	チップインダクタ		01
L0331	VY65720R	CHIP INDUCTANCE	600 BK1608HM601-T	チップインダクタ		01
L0411	VY65720R	CHIP INDUCTANCE	600 BK1608HM601-T	チップインダクタ		01
L0412	VY65720R	CHIP INDUCTANCE	600 BK1608HM601-T	チップインダクタ		01
L0421	VY65720R	CHIP INDUCTANCE	600 BK1608HM601-T	チップインダクタ		01

\*: New Parts

RANK: Japan only

AM/DJK/HP/SW/VR

REF NO.	PART NO.	DESCRIPTION		部 品 名	REMARKS	QTY	RANK
L0422	VY65720R	CHIP INDUCTANCE	600 BK1608HM601-T	チップインダクタ			01
L0721	RD250000	CARBON RESISTOR (CHIP)	0.0 0.0 J RECT.	チップ抵抗			01
L0731	VU95400R	CHIP INDUCTANCE	BLM21PG300SN1D	チップソリッドインダ			01
L0741	VQ72490R	CHIP INDUCTANCE	BK212 5HM601-T	チップインダクタ	}		01
L0741	VY944700	CHIP INDUCTANCE	BLM21BD601SN1D 2	チップインダクタ			01
L0742	VQ72490R	CHIP INDUCTANCE	BK212 5HM601-T	チップインダクタ	}		01
L0742	VY944700	CHIP INDUCTANCE	BLM21BD601SN1D 2	チップインダクタ			01
L0751	VQ72490R	CHIP INDUCTANCE	BK212 5HM601-T	チップインダクタ	}		01
L0751	VY944700	CHIP INDUCTANCE	BLM21BD601SN1D 2	チップインダクタ			01
L0752	VQ72490R	CHIP INDUCTANCE	BK212 5HM601-T	チップインダクタ	}		01
L0752	VY944700	CHIP INDUCTANCE	BLM21BD601SN1D 2	チップインダクタ			01
L0811	VQ72490R	CHIP INDUCTANCE	BK212 5HM601-T	チップインダクタ	}		01
-0813	VQ72490R	CHIP INDUCTANCE	BK212 5HM601-T	チップインダクタ			01
L0811	VY944700	CHIP INDUCTANCE	BLM21BD601SN1D 2	チップインダクタ	}		01
-0813	VY944700	CHIP INDUCTANCE	BLM21BD601SN1D 2	チップインダクタ			01
L0821	VQ72490R	CHIP INDUCTANCE	BK212 5HM601-T	チップインダクタ	}		01
-0823	VQ72490R	CHIP INDUCTANCE	BK212 5HM601-T	チップインダクタ			01
L0821	VY944700	CHIP INDUCTANCE	BLM21BD601SN1D 2	チップインダクタ	}		01
-0823	VY944700	CHIP INDUCTANCE	BLM21BD601SN1D 2	チップインダクタ			01
L0836	V523910R	COIL	DLP31SN121ML2L 3	コモンモードコイル			03
L0931	VY65720R	CHIP INDUCTANCE	600 BK1608HM601-T	チップインダクタ			01
L0932	VY65720R	CHIP INDUCTANCE	600 BK1608HM601-T	チップインダクタ			01
R0018	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チップ抵抗			01
R0019	RD356100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チップ抵抗			01
R0044	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チップ抵抗			01
R0045	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チップ抵抗			01
R0142	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チップ抵抗			01
R0143	RD35747R	CARBON RESISTOR (CHIP)	47.0K 63M J RECT.	チップ抵抗			01
R0144	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チップ抵抗			01
R0145	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チップ抵抗			01
R0146	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チップ抵抗			01
R0147	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チップ抵抗			01
R0148	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チップ抵抗			01
R0149	RD354470	CARBON RESISTOR (CHIP)	47.0 63M J RECT.	チップ抵抗			01
R0152	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チップ抵抗			01
R0153	RD35747R	CARBON RESISTOR (CHIP)	47.0K 63M J RECT.	チップ抵抗			01
R0154	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チップ抵抗			01
R0155	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チップ抵抗			01
R0156	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チップ抵抗			01
R0157	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チップ抵抗			01
R0158	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チップ抵抗			01
R0159	RD354470	CARBON RESISTOR (CHIP)	47.0 63M J RECT.	チップ抵抗			01
R0163	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チップ抵抗			01
-0166	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チップ抵抗			01
R0173	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チップ抵抗			01
-0176	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チップ抵抗			01
R0201	RD357220	CARBON RESISTOR (CHIP)	22.0K 63M J RECT.	チップ抵抗			01
R0202	RD355470	CARBON RESISTOR (CHIP)	470.0 63M J RECT.	チップ抵抗			01
R0203	RD355680	CARBON RESISTOR (CHIP)	680.0 63M J RECT.	チップ抵抗			01
R0204	RD35718R	CARBON RESISTOR (CHIP)	18.0K 63M J RECT.	チップ抵抗			01
R0205	RD356100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チップ抵抗			01
R0206	RD35718R	CARBON RESISTOR (CHIP)	18.0K 63M J RECT.	チップ抵抗			01
R0207	RD355470	CARBON RESISTOR (CHIP)	470.0 63M J RECT.	チップ抵抗			01
R0208	RD357220	CARBON RESISTOR (CHIP)	22.0K 63M J RECT.	チップ抵抗			01
R0209	RD357220	CARBON RESISTOR (CHIP)	22.0K 63M J RECT.	チップ抵抗			01
R0210	RD355390	CARBON RESISTOR (CHIP)	390.0 63M J RECT.	チップ抵抗			01
R0211	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チップ抵抗			01
R0213	RD35747R	CARBON RESISTOR (CHIP)	47.0K 63M J RECT.	チップ抵抗			01
-0217	RD35747R	CARBON RESISTOR (CHIP)	47.0K 63M J RECT.	チップ抵抗			01
R0220	RD356330	CARBON RESISTOR (CHIP)	3.3K 63M J RECT.	チップ抵抗			01
R0221	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗			01
R0223	RD355560	CARBON RESISTOR (CHIP)	560.0 63M J RECT.	チップ抵抗			01
-0227	RD355560	CARBON RESISTOR (CHIP)	560.0 63M J RECT.	チップ抵抗			01
R0231	RD356100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チップ抵抗			01
R0232	RD358100	CARBON RESISTOR (CHIP)	100.0K 63M J RECT.	チップ抵抗			01
R0233	RD354470	CARBON RESISTOR (CHIP)	47.0 63M J RECT.	チップ抵抗			01
R0301	RD357220	CARBON RESISTOR (CHIP)	22.0K 63M J RECT.	チップ抵抗			01
R0302	RD355470	CARBON RESISTOR (CHIP)	470.0 63M J RECT.	チップ抵抗			01
R0303	RD355680	CARBON RESISTOR (CHIP)	680.0 63M J RECT.	チップ抵抗			01
R0304	RD35718R	CARBON RESISTOR (CHIP)	18.0K 63M J RECT.	チップ抵抗			01

\*: New Parts

RANK: Japan only

## AM/DJK/HP/SW/VR

REF NO.	PART NO.	DESCRIPTION		部	品	名	REMARKS	QTY	RANK
R0305	RD356100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0306	RD35718R	CARBON RESISTOR (CHIP)	18.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0307	RD355470	CARBON RESISTOR (CHIP)	470.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R0308	RD357220	CARBON RESISTOR (CHIP)	22.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0309	RD357220	CARBON RESISTOR (CHIP)	22.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0310	RD355390	CARBON RESISTOR (CHIP)	390.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R0311	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0313	RD35747R	CARBON RESISTOR (CHIP)	47.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
-0317	RD35747R	CARBON RESISTOR (CHIP)	47.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0320	RD356330	CARBON RESISTOR (CHIP)	3.3K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0321	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R0323	RD355560	CARBON RESISTOR (CHIP)	560.0 63M J RECT.	チ	ッ	ブ	抵抗		01
-0327	RD355560	CARBON RESISTOR (CHIP)	560.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R0331	RD356100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0332	RD358100	CARBON RESISTOR (CHIP)	100.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0333	RD354470	CARBON RESISTOR (CHIP)	47.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R0401	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0403	RD356820	CARBON RESISTOR (CHIP)	8.2K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0404	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0405	RD357220	CARBON RESISTOR (CHIP)	22.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0406	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0407	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0408	RD356100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0414	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0415	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0416	RD357120	CARBON RESISTOR (CHIP)	12.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0417	RD356180	CARBON RESISTOR (CHIP)	1.8K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0418	RD356100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0419	RD15433R	CARBON RESISTOR (CHIP)	33.0 1/4 J TP	チ	ッ	ブ	抵抗		01
R0424	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0425	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0426	RD357120	CARBON RESISTOR (CHIP)	12.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0427	RD356180	CARBON RESISTOR (CHIP)	1.8K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0428	RD356100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0429	RD15433R	CARBON RESISTOR (CHIP)	33.0 1/4 J TP	チ	ッ	ブ	抵抗		01
R0441	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ	抵抗		01
-0443	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0444	RD354470	CARBON RESISTOR (CHIP)	47.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R0445	RD357270	CARBON RESISTOR (CHIP)	27.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0446	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0447	RD355680	CARBON RESISTOR (CHIP)	680.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R0451	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ	抵抗		01
-0453	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0454	RD354470	CARBON RESISTOR (CHIP)	47.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R0455	RD357270	CARBON RESISTOR (CHIP)	27.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0456	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0457	RD355680	CARBON RESISTOR (CHIP)	680.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R0510	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0511	RD356560	CARBON RESISTOR (CHIP)	5.6K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0512	RD356560	CARBON RESISTOR (CHIP)	5.6K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0513	RD356220	CARBON RESISTOR (CHIP)	2.2K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0514	RD35527R	CARBON RESISTOR (CHIP)	270.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R0515	RD356220	CARBON RESISTOR (CHIP)	2.2K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0521	RD356560	CARBON RESISTOR (CHIP)	5.6K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0522	RD356560	CARBON RESISTOR (CHIP)	5.6K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0523	RD356220	CARBON RESISTOR (CHIP)	2.2K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0524	RD35527R	CARBON RESISTOR (CHIP)	270.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R0525	RD356220	CARBON RESISTOR (CHIP)	2.2K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0531	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0532	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0533	RD356180	CARBON RESISTOR (CHIP)	1.8K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0534	RD355390	CARBON RESISTOR (CHIP)	390.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R0541	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0542	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0543	RD356180	CARBON RESISTOR (CHIP)	1.8K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0544	RD355390	CARBON RESISTOR (CHIP)	390.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R0551	RD355680	CARBON RESISTOR (CHIP)	680.0 63M J RECT.	チ	ッ	ブ	抵抗		01
-0554	RD355680	CARBON RESISTOR (CHIP)	680.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R0555	RD356330	CARBON RESISTOR (CHIP)	3.3K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0556	RD356220	CARBON RESISTOR (CHIP)	2.2K 63M J RECT.	チ	ッ	ブ	抵抗		01

\*: New Parts

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AM/DJK/HP/SW/VR

REF NO.	PART NO.	DESCRIPTION		部	品	名	REMARKS	QTY	RANK
R0591	RD357220	CARBON RESISTOR (CHIP)	22.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0592	RD356150	CARBON RESISTOR (CHIP)	1.5K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0593	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0594	RD356820	CARBON RESISTOR (CHIP)	8.2K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0595	RD358100	CARBON RESISTOR (CHIP)	100.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0741	RD355220	CARBON RESISTOR (CHIP)	220.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R0742	RD356100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0751	RD355220	CARBON RESISTOR (CHIP)	220.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R0752	RD355220	CARBON RESISTOR (CHIP)	220.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R0753	RD356150	CARBON RESISTOR (CHIP)	1.5K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0754	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0755	RD357220	CARBON RESISTOR (CHIP)	22.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0756	RD357220	CARBON RESISTOR (CHIP)	22.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0812	RD356100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0813	RD355220	CARBON RESISTOR (CHIP)	220.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R0814	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0822	RD356100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0823	RD355220	CARBON RESISTOR (CHIP)	220.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R0824	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0839	RD250000	CARBON RESISTOR (CHIP)	0.0 0.0 J RECT.	チ	ッ	ブ	抵抗		01
R0841	RD250000	CARBON RESISTOR (CHIP)	0.0 0.0 J RECT.	チ	ッ	ブ	抵抗		01
R0931	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0932	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ	抵抗		01
R0933	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵抗		01
R0934	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵抗		01
R0936	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵抗		01
R0937	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵抗		01
R0939	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R0940	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チ	ッ	ブ	抵抗		01
TR018	IB070901	TRANSISTOR	2SB709A P,Q,R,S TP	ト	ラ	ン	ジ	スタ	02
TR018	VV556500	TRANSISTOR	2SA1037AK Q,R,S TP	ト	ラ	ン	ジ	スタ	01
TR041	V4767500	TRANSISTOR	2SD601ARL/AQL Q,R,S	ト	ラ	ン	ジ	スタ	01
TR041	VJ92710R	TRANSISTOR	2SC2712-Y(TE85R,F)	ト	ラ	ン	ジ	スタ	01
TR041	VQ98670R	TRANSISTOR	2SC4081 T106 TP	ト	ラ	ン	ジ	スタ	01
TR041	VV556400	TRANSISTOR	2SC2412K Q,R,S TP	ト	ラ	ン	ジ	スタ	01
TR042	V4767500	TRANSISTOR	2SD0601ARL/AQL Q,R,S	ト	ラ	ン	ジ	スタ	01
TR042	VJ92710R	TRANSISTOR	2SC2712-Y(TE85R,F)	ト	ラ	ン	ジ	スタ	01
TR042	VQ98670R	TRANSISTOR	2SC4081 T106 TP	ト	ラ	ン	ジ	スタ	01
TR042	VV556400	TRANSISTOR	2SC2412K Q,R,S TP	ト	ラ	ン	ジ	スタ	01
TR044	VD303700	TRANSISTOR	2SC3326 -A,B(TE85R)	ト	ラ	ン	ジ	スタ	01
TR044	VD303700	TRANSISTOR	2SC3326 -A,B(TE85R)	ト	ラ	ン	ジ	スタ	01
TR044	VZ725900	TRANSISTOR	2SD1938(F) S,T TP	ト	ラ	ン	ジ	スタ	01
TR055	V4767500	TRANSISTOR	2SD601ARL/AQL Q,R,S	ト	ラ	ン	ジ	スタ	01
TR055	VJ92710R	TRANSISTOR	2SC2712-Y(TE85R,F)	ト	ラ	ン	ジ	スタ	01
TR055	VQ98670R	TRANSISTOR	2SC4081 T106 TP	ト	ラ	ン	ジ	スタ	01
TR055	VV556400	TRANSISTOR	2SC2412K Q,R,S TP	ト	ラ	ン	ジ	スタ	01
TR059	IB070901	TRANSISTOR	2SB709A P,Q,R,S TP	ト	ラ	ン	ジ	スタ	02
TR059	VV556500	TRANSISTOR	2SA1037AK Q,R,S TP	ト	ラ	ン	ジ	スタ	01
TR075	V4767500	TRANSISTOR	2SD0601ARL/AQL Q,R,S	ト	ラ	ン	ジ	スタ	01
TR075	VJ92710R	TRANSISTOR	2SC2712-Y(TE85R,F)	ト	ラ	ン	ジ	スタ	01
TR075	VQ98670R	TRANSISTOR	2SC4081 T106 TP	ト	ラ	ン	ジ	スタ	01
TR075	VV556400	TRANSISTOR	2SC2412K Q,R,S TP	ト	ラ	ン	ジ	スタ	01
TR076	V4767500	TRANSISTOR	2SD0601ARL/AQL Q,R,S	ト	ラ	ン	ジ	スタ	01
TR076	VJ92710R	TRANSISTOR	2SC2712-Y(TE85R,F)	ト	ラ	ン	ジ	スタ	01
TR076	VQ98670R	TRANSISTOR	2SC4081 T106 TP	ト	ラ	ン	ジ	スタ	01
TR076	VV556400	TRANSISTOR	2SC2412K Q,R,S TP	ト	ラ	ン	ジ	スタ	01
C0075	UR837220	ELECTROLYTIC CAPACITOR	22.00 16.0V RX TP	ケ	ミ	コ	ン		01
C0081	UR837220	ELECTROLYTIC CAPACITOR	22.00 16.0V RX TP	ケ	ミ	コ	ン		01
C0095	WB47700R	ELECTROLYTIC CAPACITOR	330.00 35.0V RX TP	ケ	ミ	コ	ン	Z L	01
C0095	WC30370R	ELECTROLYTIC CAPACITOR	330.00 35.0V RX TP	ケ	ミ	コ	ン	K Z E	01
C0096	WB47690R	ELECTROLYTIC CAPACITOR	470.00 16.0V RX TP	ケ	ミ	コ	ン	Z L	01
C0096	WC30360R	ELECTROLYTIC CAPACITOR	470.00 16.0V RX TP	ケ	ミ	コ	ン	K Z E	01
C0097	WB47690R	ELECTROLYTIC CAPACITOR	470.00 16.0V RX TP	ケ	ミ	コ	ン	Z L	01
C0097	WC30360R	ELECTROLYTIC CAPACITOR	470.00 16.0V RX TP	ケ	ミ	コ	ン	K Z E	01
C0142	UR866470	ELECTROLYTIC CAPACITOR	4.70 50.0V RX TP	ケ	ミ	コ	ン		01
C0149	UR837100	ELECTROLYTIC CAPACITOR	10.00 16.0V RX TP	ケ	ミ	コ	ン		01
C0152	UR866470	ELECTROLYTIC CAPACITOR	4.70 50.0V RX TP	ケ	ミ	コ	ン		01
C0159	UR837100	ELECTROLYTIC CAPACITOR	10.00 16.0V RX TP	ケ	ミ	コ	ン		01
C0166	UR837100	ELECTROLYTIC CAPACITOR	10.00 16.0V RX TP	ケ	ミ	コ	ン		01

\*: New Parts

RANK: Japan only

## AM/DJK/HP/SW/VR

REF NO.	PART NO.	DESCRIPTION	部 品 名	REMARKS	QTY	RANK
C0176	UR837100	ELECTROLYTIC CAPACITOR	10.00 16.0V RX TP	ケ ミ コ ン		01
C0201	VE327200	MONOLITHIC POLYESTER F. CAP.	1.0 50V J RX TP	積層マイラ-コン		02
C0201	VU838100	MONOLITHIC POLYESTER F. CAP.	1.0000 50V J TATET	積層マイラ-コン		
C0202	VE326400	MONOLITHIC POLYESTER F. CAP.	0.22 50V J RX TP	積層マイラ-コン		01
C0202	VR168700	MONOLITHIC POLYESTER F. CAP.	ECQ-V1H224JL3	積層マイラ-コン		01
C0203	UA354820	POLYESTER FILM CAPACITOR	0.082 50V J RX TP	マイラ-コン		01
C0203	UA954820	POLYESTER FILM CAPACITOR	0.0820 50V J RX TP	マイラ-コン		01
C0204	VE326500	MONOLITHIC POLYESTER F. CAP.	0.27 50V J RX TP	積層マイラ-コン		01
C0204	VR16890R	MONOLITHIC POLYESTER F. CAP.	ECQ-V1H274JL3	積層マイラ-コン		01
C0205	UA354100	POLYESTER FILM CAPACITOR	0.0100 50V J RX TP	マイラ-コン		01
C0206	VE326100	MONOLITHIC POLYESTER F. CAP.	0.12 50V J RX TP	積層マイラ-コン		01
C0206	VR168400	MONOLITHIC POLYESTER F. CAP.	ECQ-V1H124JL3	積層マイラ-コン		01
C0207	UA353560	POLYESTER FILM CAPACITOR	5600P 50V J RX TP	マイラ-コン		
C0208	UA354270	POLYESTER FILM CAPACITOR	0.0270 50V J RX TP	マイラ-コン		01
C0208	UA954270	POLYESTER FILM CAPACITOR	0.0270 50V J RX TP	マイラ-コン		01
C0209	UA353470	POLYESTER FILM CAPACITOR	4700P 50V J RX TP	マイラ-コン		01
C0210	UA35315R	POLYESTER FILM CAPACITOR	1500P 50V J RX TP	マイラ-コン		
C0232	UR837470	ELECTROLYTIC CAPACITOR	47.00 16.0V RX TP	ケ ミ コ ン		01
C0232	UR847470	ELECTROLYTIC CAPACITOR	47.00 25.0V RX TP	ケ ミ コ ン		01
C0301	VE327200	MONOLITHIC POLYESTER F. CAP.	1.0 50V J RX TP	積層マイラ-コン		02
C0301	VU838100	MONOLITHIC POLYESTER F. CAP.	1.0000 50V J TATET	積層マイラ-コン		
C0302	VE326400	MONOLITHIC POLYESTER F. CAP.	0.22 50V J RX TP	積層マイラ-コン		01
C0302	VR168700	MONOLITHIC POLYESTER F. CAP.	ECQ-V1H224JL3	積層マイラ-コン		01
C0303	UA354820	POLYESTER FILM CAPACITOR	0.082 50V J RX TP	マイラ-コン		01
C0303	UA954820	POLYESTER FILM CAPACITOR	0.0820 50V J RX TP	マイラ-コン		01
C0304	VE326500	MONOLITHIC POLYESTER F. CAP.	0.27 50V J RX TP	積層マイラ-コン		01
C0304	VR16890R	MONOLITHIC POLYESTER F. CAP.	ECQ-V1H274JL3	積層マイラ-コン		01
C0305	UA354100	POLYESTER FILM CAPACITOR	0.0100 50V J RX TP	マイラ-コン		01
C0306	VE326100	MONOLITHIC POLYESTER F. CAP.	0.12 50V J RX TP	積層マイラ-コン		01
C0306	VR168400	MONOLITHIC POLYESTER F. CAP.	ECQ-V1H124JL3	積層マイラ-コン		01
C0307	UA353560	POLYESTER FILM CAPACITOR	5600P 50V J RX TP	マイラ-コン		
C0308	UA354270	POLYESTER FILM CAPACITOR	0.0270 50V J RX TP	マイラ-コン		01
C0308	UA954270	POLYESTER FILM CAPACITOR	0.0270 50V J RX TP	マイラ-コン		01
C0309	UA353470	POLYESTER FILM CAPACITOR	4700P 50V J RX TP	マイラ-コン		01
C0310	UA35315R	POLYESTER FILM CAPACITOR	1500P 50V J RX TP	マイラ-コン		
C0332	UR837470	ELECTROLYTIC CAPACITOR	47.00 16.0V RX TP	ケ ミ コ ン		01
C0332	UR847470	ELECTROLYTIC CAPACITOR	47.00 25.0V RX TP	ケ ミ コ ン		01
C0415	UR866220	ELECTROLYTIC CAPACITOR	2.20 50.0V RX TP	ケ ミ コ ン		01
C0417	UR848100	ELECTROLYTIC CAPACITOR	100.00 25.0V RX TP	ケ ミ コ ン		01
C0425	UR866220	ELECTROLYTIC CAPACITOR	2.20 50.0V RX TP	ケ ミ コ ン		01
C0427	UR848100	ELECTROLYTIC CAPACITOR	100.00 25.0V RX TP	ケ ミ コ ン		01
C0428	UR838220	ELECTROLYTIC CAPACITOR	220.00 16.0V RX TP	ケ ミ コ ン		01
C0432	UR838220	ELECTROLYTIC CAPACITOR	220.00 16.0V RX TP	ケ ミ コ ン		01
C0441	UR837100	ELECTROLYTIC CAPACITOR	10.00 16.0V RX TP	ケ ミ コ ン		01
C0446	UR837100	ELECTROLYTIC CAPACITOR	10.00 16.0V RX TP	ケ ミ コ ン		01
C0451	UR837100	ELECTROLYTIC CAPACITOR	10.00 16.0V RX TP	ケ ミ コ ン		01
C0456	UR837100	ELECTROLYTIC CAPACITOR	10.00 16.0V RX TP	ケ ミ コ ン		01
C0501	UR848100	ELECTROLYTIC CAPACITOR	100.00 25.0V RX TP	ケ ミ コ ン		01
C0503	UR828100	ELECTROLYTIC CAPACITOR	100.00 10.0V RX TP	ケ ミ コ ン		01
C0504	UR865470	ELECTROLYTIC CAPACITOR	0.47 50.0V RX TP	ケ ミ コ ン		01
C0505	UR827330	ELECTROLYTIC CAPACITOR	33.00 10.0V RX TP	ケ ミ コ ン		01
C0511	UA353820	POLYESTER FILM CAPACITOR	8200P 50V J RX TP	マイラ-コン		01
C0511	UA953820	POLYESTER FILM CAPACITOR	8200P 50V J RX TP	マイラ-コン		
C0512	UA353470	POLYESTER FILM CAPACITOR	4700P 50V J RX TP	マイラ-コン		01
C0513	UR866220	ELECTROLYTIC CAPACITOR	2.20 50.0V RX TP	ケ ミ コ ン		01
C0514	VE326600	MONOLITHIC POLYESTER F. CAP.	0.33 50V J RX TP	積層マイラ-コン		01
C0514	VR169000	MONOLITHIC POLYESTER F. CAP.	ECQ-V1H334JL3	積層マイラ-コン		01
C0518	VE326000	MONOLITHIC POLYESTER F. CAP.	0.10 50V J RX TP	積層マイラ-コン		01
C0518	VR168300	MONOLITHIC POLYESTER F. CAP.	ECQ-V1H104JL3	積層マイラ-コン		01
C0519	VE326000	MONOLITHIC POLYESTER F. CAP.	0.10 50V J RX TP	積層マイラ-コン		01
C0519	VR168300	MONOLITHIC POLYESTER F. CAP.	ECQ-V1H104JL3	積層マイラ-コン		01
C0521	UA353820	POLYESTER FILM CAPACITOR	8200P 50V J RX TP	マイラ-コン		01
C0521	UA953820	POLYESTER FILM CAPACITOR	8200P 50V J RX TP	マイラ-コン		
C0522	UA353470	POLYESTER FILM CAPACITOR	4700P 50V J RX TP	マイラ-コン		01
C0523	UR866220	ELECTROLYTIC CAPACITOR	2.20 50.0V RX TP	ケ ミ コ ン		01
C0524	VE326600	MONOLITHIC POLYESTER F. CAP.	0.33 50V J RX TP	積層マイラ-コン		01
C0524	VR169000	MONOLITHIC POLYESTER F. CAP.	ECQ-V1H334JL3	積層マイラ-コン		01
C0528	VE326000	MONOLITHIC POLYESTER F. CAP.	0.10 50V J RX TP	積層マイラ-コン		01
C0528	VR168300	MONOLITHIC POLYESTER F. CAP.	ECQ-V1H104JL3	積層マイラ-コン		01
C0529	VE326000	MONOLITHIC POLYESTER F. CAP.	0.10 50V J RX TP	積層マイラ-コン		01

\*: New Parts

RANK: Japan only

AM/DJK/HP/SW/VR and DML

REF NO.	PART NO.	DESCRIPTION	部 品 名	REMARKS	QTY	RANK
C0529	VR168300	MONOLITHIC POLYESTER F. CAP.	ECQ-V1H104JL3	積層マイラーコン		01
C0531	UA353470	POLYESTER FILM CAPACITOR	4700P 50V J RX TP	マイラーコン		01
C0532	UA353470	POLYESTER FILM CAPACITOR	4700P 50V J RX TP	マイラーコン		01
C0533	UR866100	ELECTROLYTIC CAPACITOR	1.00 50.0V RX TP	ケミコン		01
C0534	VE326800	MONOLITHIC POLYESTER F. CAP.	0.47 50V J RX TP	積層マイラーコン		01
C0534	VR169200	MONOLITHIC POLYESTER F. CAP.	ECQ-V1H474JL3	積層マイラーコン		01
C0536	UR838220	ELECTROLYTIC CAPACITOR	220.00 16.0V RX TP	ケミコン		01
C0541	UA353470	POLYESTER FILM CAPACITOR	4700P 50V J RX TP	マイラーコン		01
C0542	UA353470	POLYESTER FILM CAPACITOR	4700P 50V J RX TP	マイラーコン		01
C0543	UR866100	ELECTROLYTIC CAPACITOR	1.00 50.0V RX TP	ケミコン		01
C0544	VE326800	MONOLITHIC POLYESTER F. CAP.	0.47 50V J RX TP	積層マイラーコン		01
C0544	VR169200	MONOLITHIC POLYESTER F. CAP.	ECQ-V1H474JL3	積層マイラーコン		01
C0546	UR838220	ELECTROLYTIC CAPACITOR	220.00 16.0V RX TP	ケミコン		01
C0551	UR866470	ELECTROLYTIC CAPACITOR	4.70 50.0V RX TP	ケミコン		01
C0552	UR837470	ELECTROLYTIC CAPACITOR	47.00 16.0V RX TP	ケミコン		01
C0552	UR847470	ELECTROLYTIC CAPACITOR	47.00 25.0V RX TP	ケミコン		01
C0554	UR848100	ELECTROLYTIC CAPACITOR	100.00 25.0V RX TP	ケミコン		01
C0829	UN838220	ELECTROLYTIC CAPACITOR BP	220.00 16.0V RX TP	B P ケミコン		01
C0922	UR848100	ELECTROLYTIC CAPACITOR	100.00 25.0V RX TP	ケミコン		01
C0932	UR837470	ELECTROLYTIC CAPACITOR	47.00 16.0V RX TP	ケミコン		01
C0932	UR847470	ELECTROLYTIC CAPACITOR	47.00 25.0V RX TP	ケミコン		01
C0933	UR838100	ELECTROLYTIC CAPACITOR	100.00 16.0V RX TP	ケミコン		01
C0934	UR838100	ELECTROLYTIC CAPACITOR	100.00 16.0V RX TP	ケミコン		01
C2003	UR848100	ELECTROLYTIC CAPACITOR	100.00 25.0V RX TP	ケミコン		01
C2004	UR848100	ELECTROLYTIC CAPACITOR	100.00 25.0V RX TP	ケミコン		01
EM096	VD54270R	EMI FILTER	DSS6NF31C223Q93A	LCフィルター EMI		01
-098	VD54270R	EMI FILTER	DSS6NF31C223Q93A	LCフィルター EMI		01
L0013	GE300670	FERRITE BEAD	BL02RN2R1P1A	フェライトビーズ		02
L0013	VM89860R	FERRITE BEAD	EXCELDR35V TAPING	フェライトビーズ		01
L0014	V3085000	COIL	R-5C TE 10uH	チョークコイル 10 U		
L0014	VB835000	COIL	FL05RD200AT 20uH	コイル 2 0 U		01
L0015	V3085000	COIL	R-5C TE 10uH	チョークコイル 10 U		
L0015	VB835000	COIL	FL05RD200AT 20uH	コイル 2 0 U		01
L0043	GE300670	FERRITE BEAD	BL02RN2R1P1A	フェライトビーズ		02
L0043	VM89860R	FERRITE BEAD	EXCELDR35V	フェライトビーズ		01
L0044	V3085000	COIL	R-5C TE 10uH	チョークコイル 10 U		
L0044	VB835000	COIL	FL05RD200AT 20uH	コイル 2 0 U		01
L0045	V3085000	COIL	R-5C TE 10uH	チョークコイル 10 U		
L0045	VB835000	COIL	FL05RD200AT 20uH	コイル 2 0 U		01
L0047	V3085000	COIL	R-5C TE 10uH	チョークコイル 10 U		
L0047	VB835000	COIL	FL05RD200AT 20uH	コイル 2 0 U		01
L0048	V3085000	COIL	R-5C TE 10uH	チョークコイル 10 U		
L0048	VB835000	COIL	FL05RD200AT 20uH	コイル 2 0 U		01
L0049	GE300670	FERRITE BEAD	BL02RN2R1P1A	フェライトビーズ		02
L0049	VM89860R	FERRITE BEAD	EXCELDR35V	フェライトビーズ		01
L0753	V3085000	COIL	R-5C TE 10uH	チョークコイル 10 U		
L0753	VB835000	COIL	FL05RD200AT 20uH	コイル 2 0 U		01
10	--	JAMPER WIRE	0.55 TIN	ジャンパー線	(VA07891)	
J0050	--	JAMPER WIRE	0.55 TIN	ジャンパー線	(VA07891)	
J0090	--	JAMPER WIRE	0.55 TIN	ジャンパー線	(VA07891)	
R0431	--	JAMPER WIRE	0.55 TIN	ジャンパー線	(VA07891)	
R0471	HF45468R	CARBON RESISTOR	68.0 1/4 J AX TP	カーボン抵抗		01
R0472	HF455330	CARBON RESISTOR	330.0 1/4 J AX TP	カーボン抵抗		01
R0481	HF45468R	CARBON RESISTOR	68.0 1/4 J AX TP	カーボン抵抗		01
R0482	HF455330	CARBON RESISTOR	330.0 1/4 J AX TP	カーボン抵抗		01
R0516	WD55670R	FLAME PROOF CARBON RESISTOR	2.2 1/4 J TE-26	不燃化カーボン抵抗		01
R0517	WD55670R	FLAME PROOF CARBON RESISTOR	2.2 1/4 J TE-26	不燃化カーボン抵抗		01
R0526	WD55670R	FLAME PROOF CARBON RESISTOR	2.2 1/4 J TE-26	不燃化カーボン抵抗		01
R0527	WD55670R	FLAME PROOF CARBON RESISTOR	2.2 1/4 J TE-26	不燃化カーボン抵抗		01
R0811	HF454220	CARBON RESISTOR	22.0 1/4 J AX TP	カーボン抵抗		01
R0821	HF454220	CARBON RESISTOR	22.0 1/4 J AX TP	カーボン抵抗		01
ZD059	VG437300	ZENER DIODE	MTZ J 5.1A 5.1V TP	ツェナーダイオード		01
*	WQ474200	CIRCUIT BOARD	DML	D M L シ ー ト	(YA298D0)	
30	--	MAC ADDRESS LABEL	CL COMMON ALL	M A C ア ド レ ス ラ ベ ル	(WR13650)	
C12	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C17	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C23	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C26	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C31	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01

\*: New Parts

RANK: Japan only



## DML

REF NO.	PART NO.	DESCRIPTION		部 品 名	REMARKS	QTY	RANK
-33	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )			01
C35	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン			01
C43	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )			01
C46	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )			01
C51	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン			01
C52	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )			01
C53	US661470	CERAMIC CAPACITOR (CHIP)	47P 50V J RECT.	チップセラ ( C H )			01
C54	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )			01
C57	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン			01
C58	US662470	CERAMIC CAPACITOR (CHIP)	470P 50V K RECT.	チップセラ ( B )			01
C59	US662470	CERAMIC CAPACITOR (CHIP)	470P 50V K RECT.	チップセラ ( B )			01
C60	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )			01
-66	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )			01
C67	US661100	CERAMIC CAPACITOR (CHIP)	10P 50V D RECT.	チップセラ ( C H )			01
C68	US661100	CERAMIC CAPACITOR (CHIP)	10P 50V D RECT.	チップセラ ( C H )			01
C69	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン			01
C76	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )			01
-83	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )			01
C85	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )			01
C87	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )			01
C88	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )			01
C90	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン			01
C91	US664100	CERAMIC CAPACITOR (CHIP)	0.010 50V Z RECT.	チップセラ ( F )			01
C92	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )			01
C95	US664100	CERAMIC CAPACITOR (CHIP)	0.010 50V Z RECT.	チップセラ ( F )			01
C96	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )			01
C97	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )			01
C102	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )			01
C103	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )			01
C104	US663100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チップセラ ( B )			01
C105	US663100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チップセラ ( B )			01
C106	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )			01
C107	US663100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チップセラ ( B )			01
C110	US663100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チップセラ ( B )			01
C112	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )			01
C114	US663100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チップセラ ( B )			01
C115	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )			01
C117	US663100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チップセラ ( B )			01
C123	US662100	CERAMIC CAPACITOR (CHIP)	100P 50V J RECT.	チップセラ ( C H )			01
C124	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )			01
C126	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )			01
C127	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )			01
C303	US662100	CERAMIC CAPACITOR (CHIP)	100P 50V J RECT.	チップセラ ( C H )			01
C305	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )			01
C306	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )			01
C309	US661220	CERAMIC CAPACITOR (CHIP)	22P 50V J RECT.	チップセラ ( C H )			01
C310	US661220	CERAMIC CAPACITOR (CHIP)	22P 50V J RECT.	チップセラ ( C H )			01
C312	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン			01
C313	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )			01
-317	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )			01
C323	US661150	CERAMIC CAPACITOR (CHIP)	15P 50V J RECT.	チップセラ ( C H )			01
C326	US661150	CERAMIC CAPACITOR (CHIP)	15P 50V J RECT.	チップセラ ( C H )			01
C327	US661220	CERAMIC CAPACITOR (CHIP)	22P 50V J RECT.	チップセラ ( C H )			01
C362	US661220	CERAMIC CAPACITOR (CHIP)	22P 50V J RECT.	チップセラ ( C H )			01
C396	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )			01
* C438	US662390	CERAMIC CAPACITOR (CHIP)	390P 50V K RECT.	チップセラ ( B )			01
* C439	US662390	CERAMIC CAPACITOR (CHIP)	390P 50V K RECT.	チップセラ ( B )			01
C451	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )			01
C452	US662330	CERAMIC CAPACITOR (CHIP)	330P 50V K RECT.	チップセラ ( B )			01
C453	US662330	CERAMIC CAPACITOR (CHIP)	330P 50V K RECT.	チップセラ ( B )			01
C456	US662330	CERAMIC CAPACITOR (CHIP)	330P 50V K RECT.	チップセラ ( B )			01
C457	US662330	CERAMIC CAPACITOR (CHIP)	330P 50V K RECT.	チップセラ ( B )			01
C462	US663100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チップセラ ( B )			01
C463	US663100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チップセラ ( B )			01
C467	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )			01
C470	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )			01
C475	US663100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チップセラ ( B )			01
-477	US663100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チップセラ ( B )			01
C479	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )			01
C481	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チップ抵抗			01

\*: New Parts

RANK: Japan only

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REF NO.	PART NO.	DESCRIPTION	部 品 名	REMARKS	QTY	RANK
C502	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
-505	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C511	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C512	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C513	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C700	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
-702	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C704	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C705	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C707	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C708	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C712	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
-715	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C718	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C745	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C746	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C750	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C752	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
-758	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C762	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C765	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
-767	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C798	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
IC3	X2890B00	IC	HD6417727F160CV	I C	CPU	15
IC12	XZ287A0R	IC	SN74LVC245APWR	I C	TRANSCEIVER	01
-15	XZ287A0R	IC	SN74LVC245APWR	I C	TRANSCEIVER	01
IC16	XV893A0R	IC	TC74VHC139FT(EL)	I C	DECODER	02
IC17	XZ287A0R	IC	SN74LVC245APWR	I C	TRANSCEIVER	01
IC18	XZ287A0R	IC	SN74LVC245APWR	I C	TRANSCEIVER	01
IC21	X3865A0R	IC	SN74LV126APWR	I C	BUFFER	01
IC22	X7950A00	IC	BD6516F-E2	I C	HIGH SIDE SWITCH	03
IC23	X6788A0R	IC	DS90LV011ATMF	I C	LVDS DRIVER	
IC301	XW814A0R	IC	TC7SET32FU(TE85L,F	I C	OR	01
* IC303	YA492A00	IC	GTL2002DP	I C	LOW VOLTAGE TRANSLATOR	
IC304	X8940A00	IC	T6TJ3XBG-0001(O)	I C	SWP51L	09
IC403	X5482A00	IC	NE5532DR	I C	OP AMP	01
IC405	X5482A00	IC	NE5532DR	I C	OP AMP	01
L1	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗		01
L5	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗		01
L7	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗		01
-9	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗		01
L12	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗		01
L15	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗		01
L16	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗		01
L19	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗		01
L20	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗		01
L22	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗		01
L24	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗		01
-28	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗		01
L30	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗		01
-33	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗		01
L34	WK139000	CHIP INDUCTANCE	600 BK1005HM601-T	チ ッ プ インダクタ		01
-42	WK139000	CHIP INDUCTANCE	600 BK1005HM601-T	チ ッ プ インダクタ		01
L43	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗		01
L44	WK139000	CHIP INDUCTANCE	600 BK1005HM601-T	チ ッ プ インダクタ		01
-46	WK139000	CHIP INDUCTANCE	600 BK1005HM601-T	チ ッ プ インダクタ		01
L50	WE863900	COIL INDUCTANCE CHIP	DLP11SN900HL2L 1	コモンモードコイル		
L51	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗		01
L52	WK139000	CHIP INDUCTANCE	600 BK1005HM601-T	チ ッ プ インダクタ		01
-59	WK139000	CHIP INDUCTANCE	600 BK1005HM601-T	チ ッ プ インダクタ		01
L60	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗		01
L62	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗		01
L63	WK139000	CHIP INDUCTANCE	600 BK1005HM601-T	チ ッ プ インダクタ		01
-65	WK139000	CHIP INDUCTANCE	600 BK1005HM601-T	チ ッ プ インダクタ		01
L300	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗		01
L301	V2747000	CHIP INDUCTOR	BLM18PG600SN1	チ ッ プ インダクタ		
L303	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗		01
L404	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗		01
L405	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗		01
L408	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗		01

\*: New Parts

RANK: Japan only

## DML

REF NO.	PART NO.	DESCRIPTION		部 品 名	REMARKS	QTY	RANK
L409	WK139000	CHIP INDUCTANCE	600 BK1005HM601-T	チ ッ プ イ ン ダ ク タ			01
-411	WK139000	CHIP INDUCTANCE	600 BK1005HM601-T	チ ッ プ イ ン ダ ク タ			01
L412	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗			01
L413	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗			01
L501	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗			01
R2	RD456100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チ ッ プ 抵 抗			01
R3	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ ッ プ 抵 抗			01
R4	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ ッ プ 抵 抗			01
R7	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ ッ プ 抵 抗			01
R8	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ ッ プ 抵 抗			01
R10	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ ッ プ 抵 抗			01
-13	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ ッ プ 抵 抗			01
R14	RD455100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チ ッ プ 抵 抗			01
R18	RD454470	CARBON RESISTOR (CHIP)	47.0 63M J RECT.	チ ッ プ 抵 抗			01
R19	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ ッ プ 抵 抗			01
-22	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ ッ プ 抵 抗			01
R24	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ ッ プ 抵 抗			01
-26	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ ッ プ 抵 抗			01
R27	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ ッ プ 抵 抗			01
-31	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ ッ プ 抵 抗			01
R32	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ ッ プ 抵 抗			01
R33	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ ッ プ 抵 抗			01
R34	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ ッ プ 抵 抗			01
-36	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ ッ プ 抵 抗			01
R39	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ ッ プ 抵 抗			01
R41	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ ッ プ 抵 抗			01
R42	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ ッ プ 抵 抗			01
R43	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ ッ プ 抵 抗			01
R44	RD455100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チ ッ プ 抵 抗			01
R48	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ ッ プ 抵 抗			01
R50	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ ッ プ 抵 抗			01
-52	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ ッ プ 抵 抗			01
R53	RD455680	CARBON RESISTOR (CHIP)	680.0 63M J RECT.	チ ッ プ 抵 抗			01
R54	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ ッ プ 抵 抗			01
R55	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ ッ プ 抵 抗			01
R57	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ ッ プ 抵 抗			01
R58	RD455100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チ ッ プ 抵 抗			01
R59	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ ッ プ 抵 抗			01
R60	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ ッ プ 抵 抗			01
-63	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ ッ プ 抵 抗			01
R64	RD458470	CARBON RESISTOR (CHIP)	470.0K 63M J RECT.	チ ッ プ 抵 抗			01
R65	RD458470	CARBON RESISTOR (CHIP)	470.0K 63M J RECT.	チ ッ プ 抵 抗			01
R67	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ ッ プ 抵 抗			01
R68	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ ッ プ 抵 抗			01
R69	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ ッ プ 抵 抗			01
R73	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ ッ プ 抵 抗			01
R74	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ ッ プ 抵 抗			01
R82	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ ッ プ 抵 抗			01
R83	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ ッ プ 抵 抗			01
R86	RD455100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チ ッ プ 抵 抗			01
R87	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ ッ プ 抵 抗			01
R91	RD455100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チ ッ プ 抵 抗			01
R92	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ ッ プ 抵 抗			01
R93	RD456470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ ッ プ 抵 抗			01
R97	RD456680	CARBON RESISTOR (CHIP)	6.8K 63M J RECT.	チ ッ プ 抵 抗			01
R98	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ ッ プ 抵 抗			01
R100	RD456100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チ ッ プ 抵 抗			01
R103	RD456100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チ ッ プ 抵 抗			01
-105	RD456100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チ ッ プ 抵 抗			01
R106	RD457220	CARBON RESISTOR (CHIP)	22.0K 63M J RECT.	チ ッ プ 抵 抗			01
R108	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ ッ プ 抵 抗			01
R109	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ ッ プ 抵 抗			01
R110	RD45522R	CARBON RESISTOR (CHIP)	220.0 63M J RECT.	チ ッ プ 抵 抗			01
R111	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ ッ プ 抵 抗			01
R113	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ ッ プ 抵 抗			01
R114	RD458100	CARBON RESISTOR (CHIP)	100.0K 63M J RECT.	チ ッ プ 抵 抗			01
R115	RD456220	CARBON RESISTOR (CHIP)	2.2K 63M J RECT.	チ ッ プ 抵 抗			01
R116	RD45615R	CARBON RESISTOR (CHIP)	1.5K 63M J RECT.	チ ッ プ 抵 抗			01
R117	RD456220	CARBON RESISTOR (CHIP)	2.2K 63M J RECT.	チ ッ プ 抵 抗			01
R119	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ ッ プ 抵 抗			01

\*: New Parts

RANK: Japan only

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REF NO.	PART NO.	DESCRIPTION		部	品	名	REMARKS	QTY	RANK
R120	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R128	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ 抵 抗			01
R300	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
-302	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R303	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R304	RD455680	CARBON RESISTOR (CHIP)	680.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R306	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R307	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R308	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R309	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
-312	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R313	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R314	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R315	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R316	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R318	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
-320	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R321	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R322	RD45515R	CARBON RESISTOR (CHIP)	150.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R323	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
-327	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R328	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R329	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R331	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R333	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R334	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R335	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R336	RD454470	CARBON RESISTOR (CHIP)	47.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R337	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R338	RD459100	CARBON RESISTOR (CHIP)	1.0M 63M J RECT.	チ	ッ	ブ 抵 抗			01
R339	RD45615R	CARBON RESISTOR (CHIP)	1.5K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R341	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
* R351	RD458200	CARBON RESISTOR (CHIP)	200.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R416	RD456470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ 抵 抗			01
-419	RD456470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R424	RD456680	CARBON RESISTOR (CHIP)	6.8K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R425	RD456680	CARBON RESISTOR (CHIP)	6.8K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R428	RD456680	CARBON RESISTOR (CHIP)	6.8K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R429	RD456470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R430	RD456470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R431	RD456680	CARBON RESISTOR (CHIP)	6.8K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R432	RD456470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R433	RD456470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R446	RD454470	CARBON RESISTOR (CHIP)	47.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R447	RD454470	CARBON RESISTOR (CHIP)	47.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R451	RD456470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R452	RD456470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R453	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ 抵 抗			01
R454	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ 抵 抗			01
R515	RF355150	CARBON RESISTOR (CHIP)	150.0 D 1608	チ	ッ	ブ 抵 抗			01
R516	RF355150	CARBON RESISTOR (CHIP)	150.0 D 1608	チ	ッ	ブ 抵 抗			01
* RA4	WH205600	RESISTOR ARRAY	27 X 4	抵	抗	ア レ イ			01
* -11	WH205600	RESISTOR ARRAY	27 X 4	抵	抗	ア レ イ			01
RA12	WH209400	RESISTOR ARRAY	1.0K X 4	抵	抗	ア レ イ			01
RA15	WH206200	RESISTOR ARRAY	47 X 4	抵	抗	ア レ イ			01
RA19	WH206200	RESISTOR ARRAY	47 X 4	抵	抗	ア レ イ			01
-21	WH206200	RESISTOR ARRAY	47 X 4	抵	抗	ア レ イ			01
RA24	WH206600	RESISTOR ARRAY	68 X 4	抵	抗	ア レ イ			01
RA25	WH206200	RESISTOR ARRAY	47 X 4	抵	抗	ア レ イ			01
RA26	WH206200	RESISTOR ARRAY	47 X 4	抵	抗	ア レ イ			01
RA28	WH213400	RESISTOR ARRAY	47K X 4	抵	抗	ア レ イ			01
RA30	WH213400	RESISTOR ARRAY	47K X 4	抵	抗	ア レ イ			01
RA35	WH211800	RESISTOR ARRAY	10K X 4	抵	抗	ア レ イ			01
RA37	WH213400	RESISTOR ARRAY	47K X 4	抵	抗	ア レ イ			01
RA38	WH211800	RESISTOR ARRAY	10K X 4	抵	抗	ア レ イ			01
RA39	WH211000	RESISTOR ARRAY	4.7K X 4	抵	抗	ア レ イ			01
* RA42	WH205600	RESISTOR ARRAY	27 X 4	抵	抗	ア レ イ			01
* RA43	WH205600	RESISTOR ARRAY	27 X 4	抵	抗	ア レ イ			01
* RA46	WH205600	RESISTOR ARRAY	27 X 4	抵	抗	ア レ イ			01
* -51	WH205600	RESISTOR ARRAY	27 X 4	抵	抗	ア レ イ			01

\*: New Parts

RANK: Japan only

## DML

REF NO.	PART NO.	DESCRIPTION		部 品 名	REMARKS	QTY	RANK
RA52	WH216700	RESISTOR ARRAY	0 X 4	抵 抗 ア レ イ			01
* RA53	WH205600	RESISTOR ARRAY	27 X 4	抵 抗 ア レ イ			
* -55	WH205600	RESISTOR ARRAY	27 X 4	抵 抗 ア レ イ			
RA56	WH206600	RESISTOR ARRAY	68 X 4	抵 抗 ア レ イ			01
* RA57	WH205600	RESISTOR ARRAY	27 X 4	抵 抗 ア レ イ			
* -64	WH205600	RESISTOR ARRAY	27 X 4	抵 抗 ア レ イ			
RA304	WH211800	RESISTOR ARRAY	10K X 4	抵 抗 ア レ イ			01
-309	WH211800	RESISTOR ARRAY	10K X 4	抵 抗 ア レ イ			01
RA310	WH206200	RESISTOR ARRAY	47 X 4	抵 抗 ア レ イ			01
-313	WH206200	RESISTOR ARRAY	47 X 4	抵 抗 ア レ イ			01
RA318	WH206600	RESISTOR ARRAY	68 X 4	抵 抗 ア レ イ			01
-327	WH206600	RESISTOR ARRAY	68 X 4	抵 抗 ア レ イ			01
RA330	WH206600	RESISTOR ARRAY	68 X 4	抵 抗 ア レ イ			01
-335	WH206600	RESISTOR ARRAY	68 X 4	抵 抗 ア レ イ			01
RA338	WH206600	RESISTOR ARRAY	68 X 4	抵 抗 ア レ イ			01
* X1	WH521200	QUARTZ CRYSTAL UNIT	48MHz SG-310SCF	水 晶 振 動 器			04
X2	WM285200	RESONATOR QUARTZ	16.000MHz DSX321G	水 晶 振 動 子			
X300	WM135300	RESONATOR QUARTZ	11.2896MHz DSX321G	水 晶 振 動 子			03
C1	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チ ッ プ セ ラ ( B J )			01
C2	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チ ッ プ セ ラ ( B J )			01
C4	UF12847R	CAPACITOR	470 10V	チ ッ プ ケ ミ コ ン			02
C5	UF12847R	CAPACITOR	470 10V	チ ッ プ ケ ミ コ ン			02
C6	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チ ッ プ 積 層 セ ラ コ ン			01
C7	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チ ッ プ セ ラ ( B J )			01
-11	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チ ッ プ セ ラ ( B J )			01
C13	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チ ッ プ セ ラ ( B J )			01
-16	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チ ッ プ セ ラ ( B J )			01
C18	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チ ッ プ 積 層 セ ラ コ ン			01
-20	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チ ッ プ 積 層 セ ラ コ ン			01
C21	US634100	CERAMIC CAPACITOR (CHIP)	0.010 16V K RECT.	チ ッ プ セ ラ ( B )			01
C22	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チ ッ プ セ ラ ( B J )			01
C24	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チ ッ プ セ ラ ( B J )			01
C25	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チ ッ プ セ ラ ( B J )			01
C27	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チ ッ プ セ ラ ( B J )			01
-29	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チ ッ プ セ ラ ( B J )			01
C30	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チ ッ プ 積 層 セ ラ コ ン			01
C34	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チ ッ プ セ ラ ( B J )			01
C37	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チ ッ プ セ ラ ( B J )			01
-42	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チ ッ プ セ ラ ( B J )			01
C44	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チ ッ プ セ ラ ( B J )			01
C45	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チ ッ プ セ ラ ( B J )			01
C47	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チ ッ プ 積 層 セ ラ コ ン			01
C48	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チ ッ プ セ ラ ( B J )			01
-50	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チ ッ プ セ ラ ( B J )			01
C55	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チ ッ プ セ ラ ( B J )			01
C71	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チ ッ プ セ ラ ( B J )			01
C72	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チ ッ プ セ ラ ( B J )			01
C75	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チ ッ プ セ ラ ( B J )			01
C86	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チ ッ プ セ ラ ( B J )			01
C89	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チ ッ プ 積 層 セ ラ コ ン			01
C99	UF03810R	CAPACITOR	100 16V	チ ッ プ ケ ミ コ ン			01
C101	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チ ッ プ セ ラ ( B J )			01
C116	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チ ッ プ セ ラ ( B J )			01
C120	UF03810R	CAPACITOR	100 16V	チ ッ プ ケ ミ コ ン			01
C122	UF03810R	CAPACITOR	100 16V	チ ッ プ ケ ミ コ ン			01
C125	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チ ッ プ セ ラ ( B J )			01
C300	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チ ッ プ 積 層 セ ラ コ ン			01
C301	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チ ッ プ セ ラ ( B J )			01
C302	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チ ッ プ セ ラ ( B J )			01
C304	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チ ッ プ 積 層 セ ラ コ ン			01
C307	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チ ッ プ セ ラ ( B J )			01
C308	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チ ッ プ 積 層 セ ラ コ ン			01
C318	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チ ッ プ セ ラ ( B J )			01
-321	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チ ッ プ セ ラ ( B J )			01
C322	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チ ッ プ 積 層 セ ラ コ ン			01
C324	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チ ッ プ 積 層 セ ラ コ ン			01
C325	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チ ッ プ セ ラ ( B J )			01
C328	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チ ッ プ 積 層 セ ラ コ ン			01
C329	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チ ッ プ セ ラ ( B J )			01
C334	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チ ッ プ セ ラ ( B J )			01

\*: New Parts

RANK: Japan only

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REF NO.	PART NO.	DESCRIPTION	部 品 名	REMARKS	QTY	RANK
C337	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C340	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C342	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C348	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C351	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C353	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C358	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C361	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C363	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C364	US661220	CERAMIC CAPACITOR (CHIP)	22P 50V J RECT.	チップセラ ( C H )		
C365	US661220	CERAMIC CAPACITOR (CHIP)	22P 50V J RECT.	チップセラ ( C H )		
C368	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C371	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C377	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C379	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C385	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
-387	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C390	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C393	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C397	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C398	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C418	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C421	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C425	UF037100	CAPACITOR	10 16V	チップケミコン		01
-428	UF037100	CAPACITOR	10 16V	チップケミコン		01
C436	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C437	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C448	UF03747R	CAPACITOR	47 16V	チップケミコン		01
C449	UF03747R	CAPACITOR	47 16V	チップケミコン		01
C466	UF03810R	CAPACITOR	100 16V	チップケミコン		01
C468	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C469	UF037100	CAPACITOR	10 16V	チップケミコン		01
C471	UF03810R	CAPACITOR	100 16V	チップケミコン		01
C473	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C474	UF03810R	CAPACITOR	100 16V	チップケミコン		01
C500	UF037100	CAPACITOR	10 16V	チップケミコン		01
C501	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C506	US661150	CERAMIC CAPACITOR (CHIP)	15P 50V J RECT.	チップセラ ( C H )		
C507	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C508	US661150	CERAMIC CAPACITOR (CHIP)	15P 50V J RECT.	チップセラ ( C H )		
C509	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C510	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C514	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C703	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C706	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C709	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
-711	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C716	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C717	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C719	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
-722	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C751	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C764	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C768	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C769	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C797	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
CN1	VT388600	CONNECTOR	PH 5P TE	ベース付ポスト		01
CN2	VT388500	CONNECTOR	PH 4P TE	ベース付ポスト		01
CN4	WC19940R	CONNECTOR	52808 19P TE	F F C / F P Cコネクタ		01
CN5	WB560300	CONNECTOR	ZH 8P TE	ベースピン		
CN6	WB560200	CONNECTOR	ZH 7P TE	ベースピン		01
CN7	VT388600	CONNECTOR	PH 5P TE	ベース付ポスト		01
CN8	VT388700	CONNECTOR	PH 6P TE	ベース付ポスト		01
CN9	WB560800	CONNECTOR	ZH 13P TE	ベースピン		02
CN10	VT388300	CONNECTOR	PH 2P TE	ベース付ポスト		
CN400	WB560400	CONNECTOR	ZH 9P TE	ベースピン		01
CN500	VT388900	CONNECTOR	PH 8P TE	ベース付ポスト		01
D1	VS20110R	DIODE	D1F60 1A 600V TP	チップダイオード		01
D300	VS20110R	DIODE	D1F60 1A 600V TP	チップダイオード		01
D400	VS20110R	DIODE	D1F60 1A 600V TP	チップダイオード		01

\*: New Parts

RANK: Japan only

## DML

REF NO.	PART NO.	DESCRIPTION		部 品 名	REMARKS	QTY	RANK		
DA1	V9424900	DIODE ARRAY	TE85L	ダイオードアレイ			01		
-4	V9424900	DIODE ARRAY	TE85L	ダイオードアレイ			01		
IC1	X6688A0R	IC	SN74LV14APWR	I	C INVERTER		01		
IC2	X3585E00	IC	K4S281632K-UC75000	I	C SDRAM 128M		05		
IC4	X9460A00	IC	R1172H181B-T1-F	I	C REGULATOR +1.8V		03		
IC5	X9347A00	IC	R3112N291A-TR-F	I	C VOLTAGE DETECTOR		01		
IC6	X3585E00	IC	K4S281632K-UC75000	I	C SDRAM 128M		05		
IC7	X6688A0R	IC	SN74LV14APWR	I	C INVERTER		01		
IC8	XW633A0R	IC	TC7SH32FU(TE85L,JF	I	C OR		01		
IC9	X5542A00	IC	TC74VHC21FT(EL)	I	C AND		01		
IC11	X5535A00	IC	SN74LV175APWR	I	C D-FF		01		
* IC19	YA706C00	IC	S29GL256P90TFPCR20	I	C FLASH ROM 256M PROG.				
IC20	--	IC	MX29LV320DBT1-70G	I	C FLASH ROM 32M BACKUP (YA835B0)				
IC300	X9293A00	IC	R1172H151D-T1-F	I	C REGULATOR +1.5V		01		
* IC302	YA711100	IC	MR26V25602L-10BTA0	I	C WAVE ROM_H				
IC305	X5665B00	IC	M12L64164A-7TG	I	C SDRAM 64M		07		
IC306	XY806A0R	IC	TC7WH14FU(TE12L,F)	I	C INVERTER		02		
IC307	X5535A00	IC	SN74LV175APWR	I	C D-FF		01		
IC308	XR680A00	IC	TC7SH08FU(TE85L,JF	I	C AND		01		
* IC309	YA710100	IC	MR26V25602L-10ATA0	I	C WAVE ROM_L				
IC401	X6040A01	IC	AK4385ET	I	C DAC		03		
IC406	XS534A00	IC	NJM78M05DL1A	I	C REGULATOR +5V		02		
IC500	X7029A00	IC	DM9000AEP	I	C LAN CONTROLLER		09		
L2	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
-4	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L6	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L10	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L17	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L18	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L23	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L29	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L48	WE863900	COIL INDUCTANCE CHIP	DLP11SN900HL2L 1	コ	モン	モ	ード	コ	イル
L49	WE863900	COIL INDUCTANCE CHIP	DLP11SN900HL2L 1	コ	モン	モ	ード	コ	イル
L302	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L304	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
-311	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L403	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L500	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L502	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
R1	RD456100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チ	ッ	ブ	抵	抗	01
R5	RD455100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チ	ッ	ブ	抵	抗	01
R9	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵	抗	01
R15	RD454330	CARBON RESISTOR (CHIP)	33.0 63M J RECT.	チ	ッ	ブ	抵	抗	01
-17	RD454330	CARBON RESISTOR (CHIP)	33.0 63M J RECT.	チ	ッ	ブ	抵	抗	01
R23	RD455100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チ	ッ	ブ	抵	抗	01
R38	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ	抵	抗	01
R45	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ	抵	抗	01
-47	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ	抵	抗	01
R70	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ	抵	抗	01
R71	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ	抵	抗	01
R75	RD455100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チ	ッ	ブ	抵	抗	01
R78	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ	抵	抗	01
R79	RD455100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チ	ッ	ブ	抵	抗	01
R80	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ	抵	抗	01
R84	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ	抵	抗	01
R88	RD455680	CARBON RESISTOR (CHIP)	680.0 63M J RECT.	チ	ッ	ブ	抵	抗	01
R89	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ	抵	抗	01
R90	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ	抵	抗	01
R94	RD458470	CARBON RESISTOR (CHIP)	470.0K 63M J RECT.	チ	ッ	ブ	抵	抗	01
R95	RD458470	CARBON RESISTOR (CHIP)	470.0K 63M J RECT.	チ	ッ	ブ	抵	抗	01
R96	RD45522R	CARBON RESISTOR (CHIP)	220.0 63M J RECT.	チ	ッ	ブ	抵	抗	01
R99	RD457150	CARBON RESISTOR (CHIP)	15.0K 63M J RECT.	チ	ッ	ブ	抵	抗	01
R107	RD457150	CARBON RESISTOR (CHIP)	15.0K 63M J RECT.	チ	ッ	ブ	抵	抗	01
R118	RD45615R	CARBON RESISTOR (CHIP)	1.5K 63M J RECT.	チ	ッ	ブ	抵	抗	01
R121	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ	ッ	ブ	抵	抗	01
-124	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ	ッ	ブ	抵	抗	01
R125	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ	抵	抗	01
-127	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ	抵	抗	01
R129	RD455680	CARBON RESISTOR (CHIP)	680.0 63M J RECT.	チ	ッ	ブ	抵	抗	01
R130	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ	抵	抗	01

\*: New Parts

RANK: Japan only

**DML and BL/EIF/ENC/LANL/MOD/PB/PNCA/PNCB**

REF NO.	PART NO.	DESCRIPTION		部 品 名	REMARKS	QTY	RANK
R131	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ ッ プ 抵 抗			01
-133	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ ッ プ 抵 抗			01
R138	RD456680	CARBON RESISTOR (CHIP)	6.8K 63M J RECT.	チ ッ プ 抵 抗			01
-144	RD456680	CARBON RESISTOR (CHIP)	6.8K 63M J RECT.	チ ッ プ 抵 抗			01
R317	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ ッ プ 抵 抗			01
R340	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ ッ プ 抵 抗			01
R342	RD454470	CARBON RESISTOR (CHIP)	47.0 63M J RECT.	チ ッ プ 抵 抗			01
R343	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ ッ プ 抵 抗			01
R345	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ ッ プ 抵 抗			01
R400	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ ッ プ 抵 抗			01
R401	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ ッ プ 抵 抗			01
R440	RD455100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チ ッ プ 抵 抗			01
R441	RD455100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チ ッ プ 抵 抗			01
R500	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ ッ プ 抵 抗			01
R501	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ ッ プ 抵 抗			01
R502	RD455680	CARBON RESISTOR (CHIP)	680.0 63M J RECT.	チ ッ プ 抵 抗			01
R503	RF355100	CARBON RESISTOR (CHIP)	100.0 D 1608	チ ッ プ 抵 抗			01
-506	RF355100	CARBON RESISTOR (CHIP)	100.0 D 1608	チ ッ プ 抵 抗			01
R507	RF35668R	CARBON RESISTOR (CHIP)	6.8K D 1608	チ ッ プ 抵 抗			01
R508	RF355100	CARBON RESISTOR (CHIP)	100.0 D 1608	チ ッ プ 抵 抗			01
-511	RF355100	CARBON RESISTOR (CHIP)	100.0 D 1608	チ ッ プ 抵 抗			01
R512	RD45522R	CARBON RESISTOR (CHIP)	220.0 63M J RECT.	チ ッ プ 抵 抗			01
R513	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ ッ プ 抵 抗			01
R514	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ ッ プ 抵 抗			01
RA2	WH206600	RESISTOR ARRAY	68 X 4	抵 抗 ア レ イ			01
RA3	WH206600	RESISTOR ARRAY	68 X 4	抵 抗 ア レ イ			01
RA17	WH206600	RESISTOR ARRAY	68 X 4	抵 抗 ア レ イ			01
RA18	WH206600	RESISTOR ARRAY	68 X 4	抵 抗 ア レ イ			01
RA22	WH206600	RESISTOR ARRAY	68 X 4	抵 抗 ア レ イ			01
RA23	WH206600	RESISTOR ARRAY	68 X 4	抵 抗 ア レ イ			01
RA27	WH206200	RESISTOR ARRAY	47 X 4	抵 抗 ア レ イ			01
RA29	WH206200	RESISTOR ARRAY	47 X 4	抵 抗 ア レ イ			01
RA31	WH206200	RESISTOR ARRAY	47 X 4	抵 抗 ア レ イ			01
RA32	WH206600	RESISTOR ARRAY	68 X 4	抵 抗 ア レ イ			01
RA33	WH206600	RESISTOR ARRAY	68 X 4	抵 抗 ア レ イ			01
RA34	WH213400	RESISTOR ARRAY	47K X 4	抵 抗 ア レ イ			01
RA68	WH206600	RESISTOR ARRAY	68 X 4	抵 抗 ア レ イ			01
-73	WH206600	RESISTOR ARRAY	68 X 4	抵 抗 ア レ イ			01
RA77	WH206600	RESISTOR ARRAY	68 X 4	抵 抗 ア レ イ			01
-81	WH206600	RESISTOR ARRAY	68 X 4	抵 抗 ア レ イ			01
* RA94	WH205600	RESISTOR ARRAY	27 X 4	抵 抗 ア レ イ			01
* -97	WH205600	RESISTOR ARRAY	27 X 4	抵 抗 ア レ イ			01
RA98	WH206600	RESISTOR ARRAY	68 X 4	抵 抗 ア レ イ			01
-101	WH206600	RESISTOR ARRAY	68 X 4	抵 抗 ア レ イ			01
RA102	WH206200	RESISTOR ARRAY	47 X 4	抵 抗 ア レ イ			01
RA103	WH206200	RESISTOR ARRAY	47 X 4	抵 抗 ア レ イ			01
RA314	WH206600	RESISTOR ARRAY	68 X 4	抵 抗 ア レ イ			01
-317	WH206600	RESISTOR ARRAY	68 X 4	抵 抗 ア レ イ			01
RA328	WH207000	RESISTOR ARRAY	100 X 4	抵 抗 ア レ イ			01
RA329	WH207000	RESISTOR ARRAY	100 X 4	抵 抗 ア レ イ			01
RA336	WH207000	RESISTOR ARRAY	100 X 4	抵 抗 ア レ イ			01
RA337	WH207000	RESISTOR ARRAY	100 X 4	抵 抗 ア レ イ			01
RA339	WH206600	RESISTOR ARRAY	68 X 4	抵 抗 ア レ イ			01
-342	WH206600	RESISTOR ARRAY	68 X 4	抵 抗 ア レ イ			01
RA504	WH206600	RESISTOR ARRAY	68 X 4	抵 抗 ア レ イ			01
-507	WH206600	RESISTOR ARRAY	68 X 4	抵 抗 ア レ イ			01
T500	WM227600	PULSE TRANSFORMER	S558-5999-U7-F	パ ル ス ト ラ ン ス			05
X500	WM135400	RESONATOR QUARTZ	25MHz DSX321G	水 晶 振 動 子			03
*	WR338400	CIRCUIT BOARD	BL	B L シ ー ト	(WQ78480)(YA394C0)		
*	WR338200	CIRCUIT BOARD	EIF	E I F シ ー ト	(WQ78480)(YA394C0)		
*	WR338600	CIRCUIT BOARD	ENC	E N C シ ー ト	(WQ78480)(YA394C0)		
*	WR345100	CIRCUIT BOARD	LANL	L A N L シ ー ト	(WQ78480)(YA394C0)		
*	WR339400	CIRCUIT BOARD	MOD	M O D シ ー ト	(WQ78480)(YA394C0)		
*	WR339200	CIRCUIT BOARD	PB	P B シ ー ト	(WQ78480)(YA394C0)		
*	WR338800	CIRCUIT BOARD	PNCA	P N C A シ ー ト	(WQ78480)(YA394C0)		
*	WR339000	CIRCUIT BOARD	PNCB	P N C B シ ー ト	(WQ78480)(YA394C0)		
EC401	VU48130R	ENCODER	REB161(9X5)PVB15FH	1 6 形 エ ン コ ー ダ	Data entry		03
JK801	WB55680R	CONNECTOR	AJ-008SH-8-F-4-B1	モ ジ ュ ー ラ ー ジャ ッ ク	LAN		03
VR001	VS36820R	ROTARY VARIABLE RESISTOR	B10K RK09K1130A8G	ロ ー タ リ ー V R 1 連	LCD CONTRAST		01

\*: New Parts

RANK: Japan only



## BL/EIF/ENC/LANL/MOD/PB/PNCA/PNCB

REF NO.	PART NO.	DESCRIPTION		部 品 名	REMARKS	QTY	RANK
VR501	VZ48630R	ROTARY VR	B10K EVJ05DF20B14	ロ ー タ リ ー V R	PITCH BEND		03
VR601	VZ48630R	ROTARY VR	B10K EVJ05DF20B14	ロ ー タ リ ー V R	MODULATION		03
C001	US065100	CERAMIC CAPACITOR (CHIP)	0.100 50V Z RECT.	チ ッ プ セ ラ F			01
C002	US065100	CERAMIC CAPACITOR (CHIP)	0.100 50V Z RECT.	チ ッ プ セ ラ F			01
C201	US065100	CERAMIC CAPACITOR (CHIP)	0.100 50V Z RECT.	チ ッ プ セ ラ F			01
-206	US065100	CERAMIC CAPACITOR (CHIP)	0.100 50V Z RECT.	チ ッ プ セ ラ F			01
C207	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )			01
-214	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )			01
C216	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )			01
C217	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )			01
C219	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )			01
C220	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )			01
C221	US065100	CERAMIC CAPACITOR (CHIP)	0.100 50V Z RECT.	チ ッ プ セ ラ F			01
C222	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )			01
-226	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )			01
C227	US065100	CERAMIC CAPACITOR (CHIP)	0.100 50V Z RECT.	チ ッ プ セ ラ F			01
C230	US063100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チ ッ プ セ ラ ( B )			01
C231	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )			01
C232	US064100	CERAMIC CAPACITOR (CHIP)	0.0100 50V K RECT.	チ ッ プ セ ラ ( B )			01
C233	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )			01
C234	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )			01
-250	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )			01
C252	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )			01
C253	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )			01
C276	US061180	CERAMIC CAPACITOR (CHIP)	18P 50V J RECT.	チ ッ プ セ ラ ( C H )			01
C280	US065100	CERAMIC CAPACITOR (CHIP)	0.100 50V Z RECT.	チ ッ プ セ ラ F			01
C281	US065100	CERAMIC CAPACITOR (CHIP)	0.100 50V Z RECT.	チ ッ プ セ ラ F			01
CN001	V9335000	CONNECTOR	52808 21P TE	F F C / F P C コネクタ			01
CN002	WC195100	CONNECTOR	52808 13P TE	F F C / F P C コネクタ			01
CN101	WC195100	CONNECTOR	52808 13P TE	F F C / F P C コネクタ			01
CN201	VT388700	CONNECTOR	PH 6P TE	ベ ー ス 付 ポ ス ト			01
CN202	WC194500	CONNECTOR	52808 6P TE	F F C / F P C コネクタ			01
CN204	WC19960R	CONNECTOR	52808 23P TE	F F C / F P C コネクタ			02
CN205	V9335000	CONNECTOR	52808 21P TE	F F C / F P C コネクタ			01
CN206	V647890R	CONNECTOR	52808 26P TE	F F C / F P C コネクタ			01
CN207	WC19940R	CONNECTOR	52808 19P TE	F F C / F P C コネクタ			01
CN208	V729460R	CONNECTOR	52559 20P TE	F F C / F P C コネクタ			02
CN209	WB560300	CONNECTOR	ZH 8P TE	ベ ー ス ビ ン			01
CN401	VT388400	CONNECTOR	PH 3P TE	ベ ー ス 付 ポ ス ト			01
CN501	VT388400	CONNECTOR	PH 3P TE	ベ ー ス 付 ポ ス ト			01
CN601	VT388500	CONNECTOR	PH 4P TE	ベ ー ス 付 ポ ス ト			01
D001	WG139300	DIODE	KDS4148U-RTK/P	ダ イ オ ー ド			01
-036	WG139300	DIODE	KDS4148U-RTK/P	ダ イ オ ー ド			01
D101	WG139300	DIODE	KDS4148U-RTK/P	ダ イ オ ー ド			01
-112	WG139300	DIODE	KDS4148U-RTK/P	ダ イ オ ー ド			01
D201	WG139300	DIODE	KDS4148U-RTK/P	ダ イ オ ー ド			01
-204	WG139300	DIODE	KDS4148U-RTK/P	ダ イ オ ー ド			01
EM001	WE05620R	EMI FILTER (CHIP)	NFM21PC105B1A3D	エ ミ フ ィ ル チ ッ プ	LVDS RECEIVER		01
IC204	X6789A0R	IC	DS90LV012ATMF	レ ー シ ョ ン 受 信 機			05
L201	WE05620R	EMI FILTER (CHIP)	NFM21PC105B1A3D	エ ミ フ ィ ル チ ッ プ			01
L203	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗			01
L210	VY65720R	CHIP INDUCTANCE	600 BK1608HM601-T	チ ッ プ イ ン ダ ク タ			01
R001	RD35718R	CARBON RESISTOR (CHIP)	18.0K 63M J RECT.	チ ッ プ 抵 抗			01
R002	RD357270	CARBON RESISTOR (CHIP)	27.0K 63M J RECT.	チ ッ プ 抵 抗			01
R003	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗			01
R004	RD150000	CARBON RESISTOR (CHIP)	0.0 1/4 J TP	チ ッ プ 抵 抗			01
R101	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チ ッ プ 抵 抗			01
R102	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チ ッ プ 抵 抗			01
R103	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チ ッ プ 抵 抗			01
R104	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チ ッ プ 抵 抗			01
R105	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チ ッ プ 抵 抗			01
R106	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チ ッ プ 抵 抗			01
R107	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チ ッ プ 抵 抗			01
R108	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チ ッ プ 抵 抗			01
R109	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チ ッ プ 抵 抗			01
R110	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チ ッ プ 抵 抗			01
R111	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チ ッ プ 抵 抗			01
R112	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チ ッ プ 抵 抗			01
R113	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チ ッ プ 抵 抗			01
R114	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チ ッ プ 抵 抗			01

\*: New Parts

RANK: Japan only

BL/EIF/ENC/LANL/MOD/PB/PNCA/PNCB

REF NO.	PART NO.	DESCRIPTION		部 品 名	REMARKS	QTY	RANK
R115	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チ ッ プ 抵 抗			01
R116	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チ ッ プ 抵 抗			01
R201	RD356100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チ ッ プ 抵 抗			01
R202	RD356100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チ ッ プ 抵 抗			01
R204	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チ ッ プ 抵 抗			01
R205	RD15510R	CARBON RESISTOR (CHIP)	100.0 1/4 J TP	チ ッ プ 抵 抗			01
-213	RD15510R	CARBON RESISTOR (CHIP)	100.0 1/4 J TP	チ ッ プ 抵 抗			01
R215	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗			01
R216	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗			01
R217	RD359100	CARBON RESISTOR (CHIP)	1.0M 63M J RECT.	チ ッ プ 抵 抗			01
R219	RD355220	CARBON RESISTOR (CHIP)	220.0 63M J RECT.	チ ッ プ 抵 抗			01
R220	RD355220	CARBON RESISTOR (CHIP)	220.0 63M J RECT.	チ ッ プ 抵 抗			01
R229	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ ッ プ 抵 抗			01
R231	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ ッ プ 抵 抗			01
R243	RD355330	CARBON RESISTOR (CHIP)	330.0 63M J RECT.	チ ッ プ 抵 抗			01
R249	RD35422R	CARBON RESISTOR (CHIP)	22.0 63M J RECT.	チ ッ プ 抵 抗			01
R251	RD35422R	CARBON RESISTOR (CHIP)	22.0 63M J RECT.	チ ッ プ 抵 抗			01
R257	RD354470	CARBON RESISTOR (CHIP)	47.0 63M J RECT.	チ ッ プ 抵 抗			01
R258	RD354470	CARBON RESISTOR (CHIP)	47.0 63M J RECT.	チ ッ プ 抵 抗			01
R260	RD35427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ ッ プ 抵 抗			01
TA201	V856660R	TRANSISTOR (ARRAY)	TD62785FG-(5,EL)	ト ラ ン ジ ス タ ア レ イ			05
TA202	V856660R	TRANSISTOR (ARRAY)	TD62785FG-(5,EL)	ト ラ ン ジ ス タ ア レ イ			05
TR201	WG989900	DIGITAL TRANSISTOR	KRA226S-RTK/P	デ ジ タ ル ト ラ ン ジ ス タ ー			01
C215	UF12847R	CAPACITOR	470 10V	チ ッ プ ケ ミ コ ン			02
C218	US065100	CERAMIC CAPACITOR (CHIP)	0.100 50V Z RECT.	チ ッ プ セ ラ F			01
C228	UF12847R	CAPACITOR	470 10V	チ ッ プ ケ ミ コ ン			02
C229	US065100	CERAMIC CAPACITOR (CHIP)	0.100 50V Z RECT.	チ ッ プ セ ラ F			01
C255	US065100	CERAMIC CAPACITOR (CHIP)	0.100 50V Z RECT.	チ ッ プ セ ラ F			01
C256	UF03810R	CAPACITOR	100 16V	チ ッ プ ケ ミ コ ン			01
C257	UF12822R	CAPACITOR	220 10V	チ ッ プ ケ ミ コ ン			01
C258	UF12822R	CAPACITOR	220 10V	チ ッ プ ケ ミ コ ン			01
C259	US065100	CERAMIC CAPACITOR (CHIP)	0.100 50V Z RECT.	チ ッ プ セ ラ F			01
-261	US065100	CERAMIC CAPACITOR (CHIP)	0.100 50V Z RECT.	チ ッ プ セ ラ F			01
C262	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )			01
C263	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )			01
C264	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )			01
C265	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )			01
C269	US065100	CERAMIC CAPACITOR (CHIP)	0.100 50V Z RECT.	チ ッ プ セ ラ F			01
C270	US061470	CERAMIC CAPACITOR (CHIP)	47P 50V J RECT.	チ ッ プ セ ラ ( C H )			01
C272	US061470	CERAMIC CAPACITOR (CHIP)	47P 50V J RECT.	チ ッ プ セ ラ ( C H )			01
C274	US061470	CERAMIC CAPACITOR (CHIP)	47P 50V J RECT.	チ ッ プ セ ラ ( C H )			01
C277	US061470	CERAMIC CAPACITOR (CHIP)	47P 50V J RECT.	チ ッ プ セ ラ ( C H )			01
C279	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )			01
C282	UF03810R	CAPACITOR	100 16V	チ ッ プ ケ ミ コ ン			01
C284	UF03810R	CAPACITOR	100 16V	チ ッ プ ケ ミ コ ン			01
C285	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )			01
C286	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )			01
C301	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )			01
C302	UF037100	CAPACITOR	10 16V	チ ッ プ ケ ミ コ ン			01
C801	V7658000	MONOLITHIC CERAMIC CAP.(CHIP)	1000P 2KV K RECT.	チ ッ プ 積 層 セ ラ コ ン			01
CN301	VT388300	CONNECTOR	PH 2P TE	ベ ー ス 付 ポ ス ト			
CN302	VT388400	CONNECTOR	PH 3P TE	ベ ー ス 付 ポ ス ト			01
CN801	VT388900	CONNECTOR	PH 8P TE	ベ ー ス 付 ポ ス ト			01
D205	WG139300	DIODE	KDS4148U-RTK/P	ダ イ オ ー ド			
-210	WG139300	DIODE	KDS4148U-RTK/P	ダ イ オ ー ド			
IC201	X4406101	IC	M38044M4-C16FPU0	I C	LED DRIVER/SWITCH SCAN		07
L204	WE05620R	EMI FILTER (CHIP)	NFM21PC105B1A3D	エ ミ フ ィ ル チ ッ プ			01
L205	VY65720R	CHIP INDUCTANCE	600 BK1608HM601-T	チ ッ プ イ ン ダ ク タ			01
L206	VY65720R	CHIP INDUCTANCE	600 BK1608HM601-T	チ ッ プ イ ン ダ ク タ			01
L207	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗			01
L801	WG834800	COIL FIXED	DLW21HN900SQ2L	コ イ ル			01
L802	WG834800	COIL FIXED	DLW21HN900SQ2L	コ イ ル			01
LD001	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チ ッ プ L E D ア ン バ ー	USB		01
LD101	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チ ッ プ L E D ア ン バ ー	FREEZE		01
LD102	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2 色 L E D チ ッ プ	1 (REGISTRATION MEMORY)		01
LD103	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2 色 L E D チ ッ プ	2 (REGISTRATION MEMORY)		01
LD104	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2 色 L E D チ ッ プ	3 (REGISTRATION MEMORY)		01
LD105	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2 色 L E D チ ッ プ	4 (REGISTRATION MEMORY)		01
LD106	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2 色 L E D チ ッ プ	5 (REGISTRATION MEMORY)		01
LD107	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2 色 L E D チ ッ プ	6 (REGISTRATION MEMORY)		01

\*: New Parts

RANK: Japan only

## BL/EIF/ENC/LANL/MOD/PB/PNCA/PNCB and EMKS61A and MK-H and MK-L and PNL/PNR

REF NO.	PART NO.	DESCRIPTION	部 品 名	REMARKS	QTY	RANK
LD108	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2 色 L E D チ ッ プ	7 (REGISTRATION MEMORY)	01
LD109	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2 色 L E D チ ッ プ	8 (REGISTRATION MEMORY)	01
R218	RD356100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チ ッ プ 抵 抗		01
R223	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ ッ プ 抵 抗		01
-228	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ ッ プ 抵 抗		01
R230	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ ッ プ 抵 抗		01
R232	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ ッ プ 抵 抗		01
R239	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ ッ プ 抵 抗		01
R247	RD354680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ ッ プ 抵 抗		01
R250	RD35422R	CARBON RESISTOR (CHIP)	22.0 63M J RECT.	チ ッ プ 抵 抗		01
R252	RD355150	CARBON RESISTOR (CHIP)	150.0 63M J RECT.	チ ッ プ 抵 抗		01
-255	RD355150	CARBON RESISTOR (CHIP)	150.0 63M J RECT.	チ ッ プ 抵 抗		01
R801	RD15515R	CARBON RESISTOR (CHIP)	150.0 1/4 J TP	チ ッ プ 抵 抗		01
R802	RD15515R	CARBON RESISTOR (CHIP)	150.0 1/4 J TP	チ ッ プ 抵 抗		01
R807	RD15515R	CARBON RESISTOR (CHIP)	150.0 1/4 J TP	チ ッ プ 抵 抗		01
R808	RD15515R	CARBON RESISTOR (CHIP)	150.0 1/4 J TP	チ ッ プ 抵 抗		01
TH202	WK514700	POLYSWITCH	MF-MSMF050-2	P O L Y S W I T C H		01
TR202	VY70390R	TRANSISTOR (ARRAY)	TD62309FG(5,EL)	ト ラ ン ジ ス タ ア レ イ		04
TR203	VY70390R	TRANSISTOR (ARRAY)	TD62309FG(5,EL)	ト ラ ン ジ ス タ ア レ イ		04
X201	WH673400	CERAMIC RESONATOR	16.8MHz CSTCE16M8V51	セ ラ ミ ッ ク 振 動 子		02
	WF310500	CIRCUIT BOARD	EMKS61A (E-BUS)	E M K S 6 1 A シ ー ト	(WF31010)(X6637C0)	08
	--	TAPE(ANTI-VIBRATION)	10X64X0.5	防 振 テ ー プ	(VK34680)	
C0001	US135100	CERAMIC CAPACITOR (CHIP)	0.1000 16V Z RECT.	チ ッ プ セ ラ ( F )		01
C0002	UF03810R	ELECTROLYTIC CAPACITOR(CHIP)	100 16V	チ ッ プ ケ ミ コ ン		01
C0003	US064100	CERAMIC CAPACITOR (CHIP)	0.0100 50V K RECT.	チ ッ プ セ ラ ( B )		01
C0004	US135100	CERAMIC CAPACITOR (CHIP)	0.1000 16V Z RECT.	チ ッ プ セ ラ ( F )		01
C0005	US135100	CERAMIC CAPACITOR (CHIP)	0.1000 16V Z RECT.	チ ッ プ セ ラ ( F )		01
C0006	US062100	CERAMIC CAPACITOR (CHIP)	100P 50V J RECT.	チ ッ プ セ ラ ( S L )		01
-0028	US062100	CERAMIC CAPACITOR (CHIP)	100P 50V J RECT.	チ ッ プ セ ラ ( S L )		01
CN001	VB39030R	CONNECTOR	PH 7P TE	ベ ー ス ポ ス ト		01
CN002	VK02560R	CONNECTOR	52147 12P TE	ワ イ ヤ ー ト ラ ッ プ		01
CN003	VK024900	CONNECTOR	52147 5P TE	ワ イ ヤ ー ト ラ ッ プ		01
CN004	VK025100	CONNECTOR	52147 7P TE	ワ イ ヤ ー ト ラ ッ プ		01
D0001	VT332900	DIODE	1SS355 TE-17 TP	ダ イ オ ー ド		01
-0003	VT332900	DIODE	1SS355 TE-17 TP	ダ イ オ ー ド		01
IC001	X003120R	IC	UPD780031AYGK-N04	イ ン テ ー ジ ン グ	LKS	05
J0002	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗		01
R0001	RD356100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チ ッ プ 抵 抗		01
R0002	RD354470	CARBON RESISTOR (CHIP)	47.0 63M J RECT.	チ ッ プ 抵 抗		01
R0003	RD354470	CARBON RESISTOR (CHIP)	47.0 63M J RECT.	チ ッ プ 抵 抗		01
R0005	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗		01
R0006	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗		01
RA001	V809080R	RESISTOR ARRAY	RGLE12X103J	抵 抗 ア レ イ		01
X0001	V615050R	CERAMIC RESONATOR	8.38MHz EFOS8384E5	セ ラ ミ ッ ク 振 動 子		01
	VU648200	CIRCUIT BOARD	MK-H	M K - H シ ー ト	(VU64800)(XR565C0)	09
2	VB941200	DIODE	1SS133,1SS176 TE	ダ イ オ ー ド		01
5	VK02560R	CONNECTOR	52147 12P TE	ワ イ ヤ ー ト ラ ッ プ		01
6	VK024900	CONNECTOR	52147 5P TE	ワ イ ヤ ー ト ラ ッ プ		01
	VU648101	CIRCUIT BOARD	MK-L	M K - L シ ー ト	(VU64790)(XR564C0)	08
2	VB941200	DIODE	1SS133,1SS176 TE	ダ イ オ ー ド		01
5	VK02560R	CONNECTOR	52147 12P TE	ワ イ ヤ ー ト ラ ッ プ		01
6	VK025100	CONNECTOR	52147 7P TE	ワ イ ヤ ー ト ラ ッ プ		01
	WJ008000	CIRCUIT BOARD	PNL	P N L シ ー ト	(WJ00790)(X8086D0)	11
	WJ008100	CIRCUIT BOARD	PNR	P N R シ ー ト	(WJ00790)(X8086D0)	11
CN001	WD29590R	CONNECTOR	52793 23P SE	F F C コ ネ ク タ ー		01
CN002	VT388400	CONNECTOR	PH 3P TE	ベ ー ス 付 ポ ス ト		01
CN101	V457490R	CONNECTOR	52793-2670	F F C コ ネ ク タ ー		02
CN103	VT619300	CONNECTOR	PH 7P SE	ベ ー ス 付 ポ ス ト		01
CN105	WC194500	CONNECTOR	52808 6P TE	F F C / F P C コ ネ ク タ ー		
D001	VR49650R	DIODE	MA2J1110GL TP	チ ッ プ ダ イ オ ー ド		01
-044	VR49650R	DIODE	MA2J1110GL TP	チ ッ プ ダ イ オ ー ド		01
D001	VT332900	DIODE	1SS355 TE-17 TP	ダ イ オ ー ド		01
-044	VT332900	DIODE	1SS355 TE-17 TP	ダ イ オ ー ド		01
D001	WC398800	DIODE	KDS160-RTK/P TP	ダ イ オ ー ド		01
-044	WC398800	DIODE	KDS160-RTK/P TP	ダ イ オ ー ド		01
D101	VR49650R	DIODE	MA2J1110GL TP	チ ッ プ ダ イ オ ー ド		01

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PNL/PNR

REF NO.	PART NO.	DESCRIPTION	部 品 名	REMARKS	QTY	RANK
-109	VR49650R	DIODE	MA2J1110GL TP	チップ ダイオード		01
D101	VT332900	DIODE	1SS355 TE-17 TP	ダイオード		01
-109	VT332900	DIODE	1SS355 TE-17 TP	ダイオード		01
D101	WC398800	DIODE	KDS160-RTK/P TP	ダイオード		01
-109	WC398800	DIODE	KDS160-RTK/P TP	ダイオード		01
D111	VR49650R	DIODE	MA2J1110GL TP	チップ ダイオード		01
-151	VR49650R	DIODE	MA2J1110GL TP	チップ ダイオード		01
D111	VT332900	DIODE	1SS355 TE-17 TP	ダイオード		01
-151	VT332900	DIODE	1SS355 TE-17 TP	ダイオード		01
D111	WC398800	DIODE	KDS160-RTK/P TP	ダイオード		01
-151	WC398800	DIODE	KDS160-RTK/P TP	ダイオード		01
LD001	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	LEFT (PART SELECT)	01
LD002	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	RIGHT1 (PART SELECT)	01
LD003	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	RIGHT2 (PART SELECT)	01
LD004	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	PIANO (VOICE)	01
LD005	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	GUITER & BASS (VOICE)	01
LD006	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	ORGAN (VOICE)	01
LD007	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	ACCORDION & HARMONICA (VOICE)	01
LD008	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	PERC. & DRUM KIT (VOICE)	01
LD009	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	E. PIANO (VOICE)	01
LD010	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	SAXOPHONE (VOICE)	01
LD011	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	TRUMPET (VOICE)	01
LD012	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	CHOIR & PAD (VOICE)	01
LD013	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	ORGAN FLUTES (VOICE)	01
LD014	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	LEFT HOLD (PART ON/OFF)	01
LD015	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	LEFT (PART ON/OFF)	01
LD016	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	RIGHT1 (PART ON/OFF)	01
LD017	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	RIGHT2 (PART ON/OFF)	01
LD018	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	STRINGS (VOICE)	01
LD019	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	FLUTE & WOODWIND (VOICE)	01
LD020	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	BRASS (VOICE)	01
LD021	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	SYNTH. & FX (VOICE)	01
LD022	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	USER (VOICE)	01
LD023	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色 LED チップ	1 (MULTI PAD CONTROL)	01
LD024	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色 LED チップ	2 (MULTI PAD CONTROL)	01
LD025	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色 LED チップ	3 (MULTI PAD CONTROL)	01
LD026	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色 LED チップ	4 (MULTI PAD CONTROL)	01
LD027	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色 LED チップ	1 (ONE TOUCH SETTING)	01
LD028	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色 LED チップ	2 (ONE TOUCH SETTING)	01
LD029	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色 LED チップ	3 (ONE TOUCH SETTING)	01
LD030	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色 LED チップ	4 (ONE TOUCH SETTING)	01
LD031	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	HARMONY/ECHO (VOICE CONTROL)	01
LD032	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	TOUCH (VOICE CONTROL)	01
LD033	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	SUSTAIN (VOICE CONTROL)	01
LD034	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	MONO (VOICE CONTROL)	01
LD035	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	DSP (VOICE CONTROL)	01
LD036	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	VARI. (VOICE CONTROL)	01
LD101	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	REPEAT (SONG)	01
LD102	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	GUIDE (SONG)	01
LD103	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色 LED チップ	EXTRA TR (SONG)	01
LD104	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色 LED チップ	TR2 (SONG)	01
LD105	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色 LED チップ	TR1 (SONG)	01
LD107	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	REC (SONG)	01
LD108	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色 LED チップ	PLAY/PAUSE (SONG)	01
LD109	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	FADE IN/OUT	01
LD110	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	OTS LINK	01
LD111	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	AUTO FILL IN	01
LD112	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	POP & ROCK (STYLE)	01
LD113	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	SWING & JAZZ (STYLE)	01
LD114	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	LATIN (STYLE)	01
LD115	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	ENTERTAINER (STYLE)	01
LD116	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	BALLAD (STYLE)	01
LD117	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	R & B (STYLE)	01
LD118	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	BALLROOM (STYLE)	01
LD119	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	WORLD (STYLE)	01
LD120	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	DANCE (STYLE)	01
LD121	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	COUNTRY (STYLE)	01
LD122	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	MOVIE & SHOW (STYLE)	01
LD123	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	USER (STYLE)	01
LD124	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップ LED アンバー	METRONOME	01

\*: New Parts

RANK: Japan only

## PNL/PNR

REF NO.	PART NO.	DESCRIPTION	部 品 名	REMARKS	QTY	RANK
LD125	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	ACMP	01
LD126	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色LEDチップ	INTRO I	01
LD127	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色LEDチップ	INTRO II	01
LD128	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色LEDチップ	INTRO III	01
LD129	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色LEDチップ	MAIN VARIATION A	01
LD130	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色LEDチップ	MAIN VARIATION B	01
LD131	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色LEDチップ	MAIN VARIATION C	01
LD132	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色LEDチップ	MAIN VARIATION D	01
LD133	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色LEDチップ	BREAK	01
LD134	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色LEDチップ	ENDING/rit. I	01
LD135	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色LEDチップ	ENDING/rit. II	01
LD136	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色LEDチップ	ENDING/rit. III	01
LD137	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	SYNC STOP	01
LD138	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	SYNC START	01
LD139	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色LEDチップ	START/STOP	01
R001	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗		01
R002	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗		01
R003	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗		01
R004	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗		01
R005	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗		01
R006	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗		01
R007	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗		01
R008	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗		01
R009	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗		01
R010	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗		01
R011	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗		01
R012	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗		01
R013	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗		01
R014	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗		01
R015	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗		01
R016	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗		01
R101	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗		01
R102	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗		01
R103	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗		01
R104	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗		01
R105	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗		01
R106	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗		01
R109	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗		01
R110	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗		01
R111	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗		01
R112	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗		01
R113	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗		01
R114	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗		01
R115	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗		01
R116	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗		01
R117	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗		01
R118	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗		01
R119	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗		01
R120	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗		01
R121	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗		01
R122	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗		01
R123	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗		01
R124	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗		01
R125	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗		01
R126	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗		01
R127	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗		01
R128	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗		01
R129	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗		01
R130	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗		01
R131	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗		01
R132	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗		01
R133	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗		01
-135	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗		01
R136	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗		01
	XV910A0R	SPEAKER	5.0cm 4ohm 10W	スピーカ	TWEETER	05
	XT523A0R	SPEAKER	12.0cm 4ohm 10W	スピーカ	WOOFER	07
*	WR339600	CRYSTAL DISPLAY	KG057QVLF-G-87	液晶ディスプレイ		

\*: New Parts

RANK: Japan only

**ELECTRICAL PARTS (PSR-S910)**

**AM/DJK/HP/SW/VR**

REF NO.	PART NO.	DESCRIPTION	部 品 名	REMARKS	QTY	RANK
		ELECTRICAL PARTS	電 気 部 品	PSR-S910		
*	WR339700	CIRCUIT BOARD	AM	(WQ86250)(YA597C0)		
*	WR337600	CIRCUIT BOARD	DJK	(WQ86250)(YA597C0)		
*	WR339900	CIRCUIT BOARD	HP	(WQ86250)(YA597C0)		
*	WR340100	CIRCUIT BOARD	SW	(WQ86250)(YA597C0)		
*	WR344900	CIRCUIT BOARD	VR	(WQ86250)(YA597C0)		
*	WQ263200	CIRCUIT BOARD	DMH	(YA175E0)		
*	WR338100	CIRCUIT BOARD	EIF	(WQ70870)(YA394C0)		
*	WR338500	CIRCUIT BOARD	ENC	(WQ70870)(YA394C0)		
*	WR337500	CIRCUIT BOARD	LANL	(WQ70870)(YA394C0)		
*	WR338300	CIRCUIT BOARD	LVDS	(WQ70870)(YA394C0)		
*	WR339300	CIRCUIT BOARD	MOD	(WQ70870)(YA394C0)		
*	WR339100	CIRCUIT BOARD	PB	(WQ70870)(YA394C0)		
*	WR338700	CIRCUIT BOARD	PNCA	(WQ70870)(YA394C0)		
*	WR338900	CIRCUIT BOARD	PNCB	(WQ70870)(YA394C0)		
	WF310500	CIRCUIT BOARD	EMKS61A (E-BUS)	(WF31010)(X6637C0)		08
	VU648200	CIRCUIT BOARD	MK-H	(VU64800)(XR565C0)		09
	VU648101	CIRCUIT BOARD	MK-L	(VU64790)(XR564C0)		08
	WJ007700	CIRCUIT BOARD	PNL	(WJ00760)(X8086D0)		11
	WJ007800	CIRCUIT BOARD	PNR	(WJ00760)(X8086D0)		11
*	WR339700	CIRCUIT BOARD	AM	(WQ86250)(YA597C0)		
*	WR337600	CIRCUIT BOARD	DJK	(WQ86250)(YA597C0)		
*	WR339900	CIRCUIT BOARD	HP	(WQ86250)(YA597C0)		
*	WR340100	CIRCUIT BOARD	SW	(WQ86250)(YA597C0)		
*	WR344900	CIRCUIT BOARD	VR	(WQ86250)(YA597C0)		
70	--	DC CONNECTOR PLATE		(V748520)		
80	--	CONNECTOR PLATE 1P		(WB83280)		
90	WE774301	BIND HEAD TAPPING SCREW-B	3.0X8 MFZN2W3			01
100	WE774200	BIND HEAD TAPPING SCREW-B	3.0X10 MFZN2W3			01
110	--	SILICON GREASE	G-746	(0412125)		
130	--	SHIELD COVER AM		(WC62800)		
C0905	UR749680	ELECTROLYTIC CAPACITOR	6800 25.0V FORM.			03
CN011	VB39070R	CONNECTOR	PH 11P TE			01
CN046	VK024900	CONNECTOR	52147 5P TE			01
CN047	VI878300	CONNECTOR	51048 5P TE			01
CN051	LB91805R	CONNECTOR	XH 5P TE			01
CN053	LB918040	CONNECTOR	XH 4P TE			01
CN062	VB39010R	CONNECTOR	PH 5P TE			01
CN072	VB390200	CONNECTOR	PH 6P TE			01
CN073	VB39010R	CONNECTOR	PH 5P TE			01
CN075	VB39050R	CONNECTOR	PH 9P TE			03
CN081	VB39060R	CONNECTOR	PH 10P TE			01
CN083	VB38980R	CONNECTOR	PH 2P TE			01
CN091	VF72830R	CONNECTOR	52147 6P TE			01
CN094	VI878400	CONNECTOR	51048 6P TE			01
CN096	VB39000R	CONNECTOR	PH 4P TE			01
CN097	LB918060	CONNECTOR	XH 6P TE			01
CN098	VB390200	CONNECTOR	PH 6P TE			01
CN099	VB39040R	CONNECTOR	PH 8P TE			01
CN100	VB39040R	CONNECTOR	PH 8P TE			01
D0090	VR313500	DIODE	S3V20 JI			01
HT051	--	HEAT SINK	25BS098H-L50	(V776520)		
HT053	--	HEAT SINK		(WD18590)		
IC051	XQ619A00	IC	LA4705NA-E			05
IC053	XW812A0R	IC	LA4262-E			04
IC074	WA64520R	PHOTO COUPLER	PC900V0NSZX			02
IC092	XJ608A00	IC	NJM7812FA			02
IC095	X4404A01	IC	MPD6S004S			09
JK014	VB312600	PHONE JACK	JACK YKB21-5012			02
JK015	VC68750R	PHONE JACK	JACK YKB21-5014			02
JK044	VB312600	PHONE JACK	JACK YKB21-5012			01
JK045	VC68750R	PHONE JACK	JACK YKB21-5014			01
JK049	LB101870	PHONE JACK	JACK YKB21-5006			03
JK049	WJ306200	PHONE JACK	MSJ-064-15A B AG			03
JK061	LB101870	PHONE JACK	JACK YKB21-5006			03
JK061	WJ306200	PHONE JACK	MSJ-064-15A B AG			03
JK072	WA245700	USB CONNECTOR	YKF45 4P SE			02
JK072	WK450700	USB CONNECTOR	YKF45-0033N 4P SE			02
JK073	V6802600	USB CONNECTOR	USB 4P SE			02

\*: New Parts

RANK: Japan only

## AM/DJK/HP/SW/VR

REF NO.	PART NO.	DESCRIPTION	部 品 名	REMARKS	QTY	RANK	
JK074	VJ10720R	DIN CONNECTOR	JACK5P YKF51-5050N	D I N コ ネ ク タ	} MIDI IN	01	
JK074	VZ085800	DIN CONNECTOR	5P HDC-052S-01	D I N コ ネ ク タ		} MIDI IN	01
JK075	VJ10720R	DIN CONNECTOR	JACK5P YKF51-5050N	D I N コ ネ ク タ		} MIDI OUT	01
JK075	VZ085800	DIN CONNECTOR	5P HDC-052S-01	D I N コ ネ ク タ		01	
JK081	VS11540R	PHONE CONNECTOR	LGR4609-7100F	ホ ー ン コ ネ ク タ ( 黒 )	FOOT PEDAL 1	01	
JK082	VS11540R	PHONE CONNECTOR	LGR4609-7100F	ホ ー ン コ ネ ク タ ( 黒 )	FOOT PEDAL 2	01	
JK083	VI311100	PIN JACK	YKC21-3017V	ピ ン ジャ ッ ク 1 P	} VIDEO OUT	01	
JK083	WE942600	PIN JACK	JACK HSP-241V1YP	ピ ン コ ネ ク タ 1 P			
JK090	V7509100	DC IN JACK	DJ-0735D_029	電 源 コ ネ ク タ	DC IN 16V	02	
L0090	WB21490R	LINE FILTER	PLH10AN1112R6P2B	ラ イ ン フ ィ ル タ ー		03	
L0613	VF45660R	COIL	SBT-0180W RX 80uH	コ イ ル 8 0 U		03	
* R2003	WM524600	METAL OXIDE FILM RESISTOR	0.47 3W J	酸 化 金 属 被 膜 抵 抗	}	04	
RY1	B824560R	RELAY	DC ATX203	レ			
RY1	V8616500	RELAY	DC G6S-2	リ レ ー 1 2 V			04
RY1	WB751900	RELAY	DC EC2-12NU-F	リ レ ー 1 2 V			03
SW063	VQ54580R	SLIDE SWITCH	SSSF121900	ス ラ イ ド S W	LINE/MIC	02	
SW094	V966170R	PUSH SWITCH	SY16-32-4(U99S2)/T	プ ッ シ ュ S W	STANDBY/ON	03	
TH090	V8132900	FUSE	MF-R250-AP-10	マ ル チ ヒ ュ ー ズ	}	03	
TH090	VV45800R	PROTECTOR SWITCH RUE250	RUEF250 2.50A 30V	ポ リ ス イ ッ チ			03
VR013	WA994700	ROTARY VARIABLE RESISTOR	A 10.0K XV014111	二 連 ロ ー タ リ ー V R	MASTER VOLUME	02	
VR064	VP216600	VARIABLE RESISTOR	A 10K RK09K1110AM0	ロ ー タ リ ー V R	INPUT VOLUME	01	
WH001	--	CONNECTOR ASSEMBLY	HP-LF	H P ー L F 束 線	(WT52620)		
WH003	--	CONNECTOR ASSEMBLY	SW	S W 束 線	(WR02570)		
WH004	--	CONNECTOR ASSEMBLY	GROUND	ア ー ス 線	(WH91410)		
C0013	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01	
C0021	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01	
C0022	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01	
C0031	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01	
C0032	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01	
C0048	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01	
C0050	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01	
C0055	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01	
C0059	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01	
C0064	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01	
C0092	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01	
C0093	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01	
C0141	US063100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チ ッ プ セ ラ ( B )		01	
C0145	US062100	CERAMIC CAPACITOR (CHIP)	100P 50V J RECT.	チ ッ プ セ ラ ( S L )		01	
C0148	US062220	CERAMIC CAPACITOR (CHIP)	220P 50V J RECT.	チ ッ プ セ ラ ( S L )		01	
C0151	US063100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チ ッ プ セ ラ ( B )		01	
C0155	US062100	CERAMIC CAPACITOR (CHIP)	100P 50V J RECT.	チ ッ プ セ ラ ( S L )		01	
C0158	US062220	CERAMIC CAPACITOR (CHIP)	220P 50V J RECT.	チ ッ プ セ ラ ( S L )		01	
C0163	US06168R	CERAMIC CAPACITOR (CHIP)	68P 50V J RECT.	チ ッ プ セ ラ ( S L )		01	
C0167	US063100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チ ッ プ セ ラ ( B )		01	
C0173	US06168R	CERAMIC CAPACITOR (CHIP)	68P 50V J RECT.	チ ッ プ セ ラ ( S L )		01	
C0177	US063100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チ ッ プ セ ラ ( B )		01	
C0220	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )		01	
C0231	US063100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チ ッ プ セ ラ ( B )		01	
C0233	US062100	CERAMIC CAPACITOR (CHIP)	100P 50V J RECT.	チ ッ プ セ ラ ( S L )		01	
C0320	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )		01	
C0331	US063100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チ ッ プ セ ラ ( B )		01	
C0333	US062100	CERAMIC CAPACITOR (CHIP)	100P 50V J RECT.	チ ッ プ セ ラ ( S L )		01	
C0414	US06322R	CERAMIC CAPACITOR (CHIP)	2200P 50V K RECT.	チ ッ プ セ ラ ( B )		01	
C0416	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )		01	
C0424	US06322R	CERAMIC CAPACITOR (CHIP)	2200P 50V K RECT.	チ ッ プ セ ラ ( B )		01	
C0426	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )		01	
C0431	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01	
C0442	US063100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チ ッ プ セ ラ ( B )		01	
C0445	US06168R	CERAMIC CAPACITOR (CHIP)	68P 50V J RECT.	チ ッ プ セ ラ ( S L )		01	
C0447	US063100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チ ッ プ セ ラ ( B )		01	
C0452	US063100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チ ッ プ セ ラ ( B )		01	
C0455	US06168R	CERAMIC CAPACITOR (CHIP)	68P 50V J RECT.	チ ッ プ セ ラ ( S L )		01	
C0457	US063100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チ ッ プ セ ラ ( B )		01	
C0471	US06322R	CERAMIC CAPACITOR (CHIP)	2200P 50V K RECT.	チ ッ プ セ ラ ( B )		01	
C0481	US06322R	CERAMIC CAPACITOR (CHIP)	2200P 50V K RECT.	チ ッ プ セ ラ ( B )		01	
C0502	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01	
C0506	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01	
C0515	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )		01	
C0525	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )		01	
C0535	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )		01	

\*: New Parts

RANK: Japan only

AM/DJK/HP/SW/VR

REF NO.	PART NO.	DESCRIPTION	部 品 名	REMARKS	QTY	RANK
C0545	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )		01
C0553	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01
C0610	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01
C0611	US064100	CERAMIC CAPACITOR (CHIP)	0.0100 50V K RECT.	チ ッ プ セ ラ ( B )		01
C0612	US064100	CERAMIC CAPACITOR (CHIP)	0.0100 50V K RECT.	チ ッ プ セ ラ ( B )		01
C0642	US063100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チ ッ プ セ ラ ( B )		01
C0644	US06312R	CERAMIC CAPACITOR (CHIP)	1200P 50V K RECT.	チ ッ プ セ ラ ( B )		01
C0662	US062150	CERAMIC CAPACITOR (CHIP)	150P 50V J RECT.	チ ッ プ セ ラ ( S L )		01
C0721	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01
C0722	US061220	CERAMIC CAPACITOR (CHIP)	22P 50V J RECT.	チ ッ プ セ ラ ( C H )		01
C0723	US061220	CERAMIC CAPACITOR (CHIP)	22P 50V J RECT.	チ ッ プ セ ラ ( C H )		01
C0731	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01
C0741	US064100	CERAMIC CAPACITOR (CHIP)	0.0100 50V K RECT.	チ ッ プ セ ラ ( B )		01
C0742	US064100	CERAMIC CAPACITOR (CHIP)	0.0100 50V K RECT.	チ ッ プ セ ラ ( B )		01
C0812	US064100	CERAMIC CAPACITOR (CHIP)	0.0100 50V K RECT.	チ ッ プ セ ラ ( B )		01
C0814	US062100	CERAMIC CAPACITOR (CHIP)	100P 50V J RECT.	チ ッ プ セ ラ ( S L )		01
C0822	US064100	CERAMIC CAPACITOR (CHIP)	0.0100 50V K RECT.	チ ッ プ セ ラ ( B )		01
C0824	US062100	CERAMIC CAPACITOR (CHIP)	100P 50V J RECT.	チ ッ プ セ ラ ( S L )		01
C0827	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01
C0901	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01
-0904	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01
C0921	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01
C0931	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01
C0935	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01
C0936	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01
C0951	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01
C0952	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01
C0961	V5333500	CERAMIC CAPACITOR (CHIP)	10.0 6.3V K RECT.	チ ッ プ セ ラ ( B )		01
C0962	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01
C0971	V5333500	CERAMIC CAPACITOR (CHIP)	10.0 6.3V K RECT.	チ ッ プ セ ラ ( B )		01
C0972	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01
C0982	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01
-0984	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01
C0987	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01
-0990	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01
C0991	US062100	CERAMIC CAPACITOR (CHIP)	100P 50V J RECT.	チ ッ プ セ ラ ( S L )		01
-0996	US062100	CERAMIC CAPACITOR (CHIP)	100P 50V J RECT.	チ ッ プ セ ラ ( S L )		01
C0999	US062100	CERAMIC CAPACITOR (CHIP)	100P 50V J RECT.	チ ッ プ セ ラ ( S L )		01
C1000	US062100	CERAMIC CAPACITOR (CHIP)	100P 50V J RECT.	チ ッ プ セ ラ ( S L )		01
C1003	US063100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チ ッ プ セ ラ ( B )		01
C1004	US063100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チ ッ プ セ ラ ( B )		01
C1005	US062100	CERAMIC CAPACITOR (CHIP)	100P 50V J RECT.	チ ッ プ セ ラ ( S L )		01
C1006	US062100	CERAMIC CAPACITOR (CHIP)	100P 50V J RECT.	チ ッ プ セ ラ ( S L )		01
C1007	US063100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チ ッ プ セ ラ ( B )		01
-1009	US063100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チ ッ プ セ ラ ( B )		01
C1010	US06256R	CERAMIC CAPACITOR (CHIP)	560P 50V J RECT.	チ ッ プ セ ラ ( S L )		01
C1011	US06256R	CERAMIC CAPACITOR (CHIP)	560P 50V J RECT.	チ ッ プ セ ラ ( S L )		01
C2005	US063470	CERAMIC CAPACITOR (CHIP)	4700P 50V K RECT.	チ ッ プ セ ラ ( B )		01
D0040	VT332900	DIODE	1SS355 TE-17 TP	ダ イ オ ー ド		01
D0059	VR49650R	DIODE	MA2J1110GL TP	チ ッ プ ダ イ オ ー ド		01
D0059	VT332900	DIODE	1SS355 TE-17 TP	ダ イ オ ー ド		01
D0059	WG139300	DIODE	KDS4148U-RTK/P	ダ イ オ ー ド		01
D0074	VR49650R	DIODE	MA2J1110GL TP	チ ッ プ ダ イ オ ー ド		01
D0074	VT332900	DIODE	1SS355 TE-17 TP	ダ イ オ ー ド		01
D0074	WG139300	DIODE	KDS4148U-RTK/P	ダ イ オ ー ド		01
D0092	VR49650R	DIODE	MA2J1110GL TP	チ ッ プ ダ イ オ ー ド		01
D0092	VT332900	DIODE	1SS355 TE-17 TP	ダ イ オ ー ド		01
D0092	WG139300	DIODE	KDS4148U-RTK/P	ダ イ オ ー ド		01
D0811	VR49650R	DIODE	MA2J1110GL TP	チ ッ プ ダ イ オ ー ド		01
D0811	VT332900	DIODE	1SS355 TE-17 TP	ダ イ オ ー ド		01
D0811	WG139300	DIODE	KDS4148U-RTK/P	ダ イ オ ー ド		01
D0812	VR49650R	DIODE	MA2J1110GL TP	チ ッ プ ダ イ オ ー ド		01
D0812	VT332900	DIODE	1SS355 TE-17 TP	ダ イ オ ー ド		01
D0812	WG139300	DIODE	KDS4148U-RTK/P	ダ イ オ ー ド		01
D0821	VR49650R	DIODE	MA2J1110GL TP	チ ッ プ ダ イ オ ー ド		01
D0821	VT332900	DIODE	1SS355 TE-17 TP	ダ イ オ ー ド		01
D0821	WG139300	DIODE	KDS4148U-RTK/P	ダ イ オ ー ド		01
D0822	VR49650R	DIODE	MA2J1110GL TP	チ ッ プ ダ イ オ ー ド		01
D0822	VT332900	DIODE	1SS355 TE-17 TP	ダ イ オ ー ド		01
D0822	WG139300	DIODE	KDS4148U-RTK/P	ダ イ オ ー ド		01

\*: New Parts

RANK: Japan only



## AM/DJK/HP/SW/VR

REF NO.	PART NO.	DESCRIPTION	部	品	名	REMARKS	QTY	RANK									
IC013	X5482A00	IC	NE5532DR		C	OP AMP		01									
IC021	X7391A00	IC	UPC4574G2-E1-A		C	OP AMP		02									
IC022	X7391A00	IC	UPC4574G2-E1-A		C	OP AMP		02									
IC031	X7391A00	IC	UPC4574G2-E1-A		C	OP AMP		02									
IC032	X7391A00	IC	UPC4574G2-E1-A		C	OP AMP		02									
IC043	X7391A00	IC	UPC4574G2-E1-A		C	OP AMP		02									
IC048	X5049A0R	IC	NJM4556AM-TE1		C	OP AMP		02									
IC050	X5482A00	IC	NE5532DR		C	OP AMP		01									
IC055	X5482A00	IC	NE5532DR		C	OP AMP		01									
IC064	X5482A00	IC	NE5532DR		C	OP AMP		01									
IC093	X5482A00	IC	NE5532DR		C	OP AMP		01									
L0141	VY65720R	CHIP INDUCTANCE	600 BK1608HM601-T	チ	ッ	ブ	イ	ン	ダ	ク	タ		01				
L0142	VY65720R	CHIP INDUCTANCE	600 BK1608HM601-T	チ	ッ	ブ	イ	ン	ダ	ク	タ		01				
L0151	VY65720R	CHIP INDUCTANCE	600 BK1608HM601-T	チ	ッ	ブ	イ	ン	ダ	ク	タ		01				
L0152	VY65720R	CHIP INDUCTANCE	600 BK1608HM601-T	チ	ッ	ブ	イ	ン	ダ	ク	タ		01				
L0231	VY65720R	CHIP INDUCTANCE	600 BK1608HM601-T	チ	ッ	ブ	イ	ン	ダ	ク	タ		01				
L0331	VY65720R	CHIP INDUCTANCE	600 BK1608HM601-T	チ	ッ	ブ	イ	ン	ダ	ク	タ		01				
L0411	VY65720R	CHIP INDUCTANCE	600 BK1608HM601-T	チ	ッ	ブ	イ	ン	ダ	ク	タ		01				
L0412	VY65720R	CHIP INDUCTANCE	600 BK1608HM601-T	チ	ッ	ブ	イ	ン	ダ	ク	タ		01				
L0421	VY65720R	CHIP INDUCTANCE	600 BK1608HM601-T	チ	ッ	ブ	イ	ン	ダ	ク	タ		01				
L0422	VY65720R	CHIP INDUCTANCE	600 BK1608HM601-T	チ	ッ	ブ	イ	ン	ダ	ク	タ		01				
L0614	VY65720R	CHIP INDUCTANCE	600 BK1608HM601-T	チ	ッ	ブ	イ	ン	ダ	ク	タ		01				
L0721	RD250000	CARBON RESISTOR (CHIP)	0.0 0.0 J RECT.	チ	ッ	ブ	抵	抗					01				
L0731	VU95400R	CHIP INDUCTANCE	BLM21PG300SN1D	チ	ッ	ブ	ソ	リ	ッ	ド	イ	ン	ダ	ク	タ		01
L0741	VQ72490R	CHIP INDUCTANCE	BK212 5HM601-T	チ	ッ	ブ	イ	ン	ダ	ク	タ		01				
L0741	VY944700	CHIP INDUCTANCE	BLM21BD601SN1D 2	チ	ッ	ブ	イ	ン	ダ	ク	タ		01				
L0742	VQ72490R	CHIP INDUCTANCE	BK212 5HM601-T	チ	ッ	ブ	イ	ン	ダ	ク	タ		01				
L0742	VY944700	CHIP INDUCTANCE	BLM21BD601SN1D 2	チ	ッ	ブ	イ	ン	ダ	ク	タ		01				
L0751	VQ72490R	CHIP INDUCTANCE	BK212 5HM601-T	チ	ッ	ブ	イ	ン	ダ	ク	タ		01				
L0751	VY944700	CHIP INDUCTANCE	BLM21BD601SN1D 2	チ	ッ	ブ	イ	ン	ダ	ク	タ		01				
L0752	VQ72490R	CHIP INDUCTANCE	BK212 5HM601-T	チ	ッ	ブ	イ	ン	ダ	ク	タ		01				
L0752	VY944700	CHIP INDUCTANCE	BLM21BD601SN1D 2	チ	ッ	ブ	イ	ン	ダ	ク	タ		01				
L0811	VQ72490R	CHIP INDUCTANCE	BK212 5HM601-T	チ	ッ	ブ	イ	ン	ダ	ク	タ		01				
-0813	VQ72490R	CHIP INDUCTANCE	BK212 5HM601-T	チ	ッ	ブ	イ	ン	ダ	ク	タ		01				
L0811	VY944700	CHIP INDUCTANCE	BLM21BD601SN1D 2	チ	ッ	ブ	イ	ン	ダ	ク	タ		01				
-0813	VY944700	CHIP INDUCTANCE	BLM21BD601SN1D 2	チ	ッ	ブ	イ	ン	ダ	ク	タ		01				
L0821	VQ72490R	CHIP INDUCTANCE	BK212 5HM601-T	チ	ッ	ブ	イ	ン	ダ	ク	タ		01				
-0823	VQ72490R	CHIP INDUCTANCE	BK212 5HM601-T	チ	ッ	ブ	イ	ン	ダ	ク	タ		01				
L0821	VY944700	CHIP INDUCTANCE	BLM21BD601SN1D 2	チ	ッ	ブ	イ	ン	ダ	ク	タ		01				
-0823	VY944700	CHIP INDUCTANCE	BLM21BD601SN1D 2	チ	ッ	ブ	イ	ン	ダ	ク	タ		01				
L0836	V523910R	COIL	DLP31SN121ML2L 3	コ	モ	ン	モ	ー	ド	コ	イ	ル		03			
L0931	VY65720R	CHIP INDUCTANCE	600 BK1608HM601-T	チ	ッ	ブ	イ	ン	ダ	ク	タ		01				
L0932	VY65720R	CHIP INDUCTANCE	600 BK1608HM601-T	チ	ッ	ブ	イ	ン	ダ	ク	タ		01				
R0018	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵	抗					01				
R0019	RD356100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チ	ッ	ブ	抵	抗					01				
R0044	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ	抵	抗					01				
R0045	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ	抵	抗					01				
R0142	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵	抗					01				
R0143	RD35747R	CARBON RESISTOR (CHIP)	47.0K 63M J RECT.	チ	ッ	ブ	抵	抗					01				
R0144	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵	抗					01				
R0145	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵	抗					01				
R0146	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗					01				
R0147	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ	抵	抗					01				
R0148	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ	抵	抗					01				
R0149	RD354470	CARBON RESISTOR (CHIP)	47.0 63M J RECT.	チ	ッ	ブ	抵	抗					01				
R0152	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵	抗					01				
R0153	RD35747R	CARBON RESISTOR (CHIP)	47.0K 63M J RECT.	チ	ッ	ブ	抵	抗					01				
R0154	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵	抗					01				
R0155	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵	抗					01				
R0156	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗					01				
R0157	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ	抵	抗					01				
R0158	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ	抵	抗					01				
R0159	RD354470	CARBON RESISTOR (CHIP)	47.0 63M J RECT.	チ	ッ	ブ	抵	抗					01				
R0163	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ	抵	抗					01				
-0166	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ	抵	抗					01				
R0173	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ	抵	抗					01				
-0176	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ	抵	抗					01				
R0201	RD357220	CARBON RESISTOR (CHIP)	22.0K 63M J RECT.	チ	ッ	ブ	抵	抗					01				
R0202	RD355470	CARBON RESISTOR (CHIP)	470.0 63M J RECT.	チ	ッ	ブ	抵	抗					01				
R0203	RD356120	CARBON RESISTOR (CHIP)	1.2K 63M J RECT.	チ	ッ	ブ	抵	抗					01				

\*: New Parts

RANK: Japan only

AM/DJK/HP/SW/VR

REF NO.	PART NO.	DESCRIPTION		部	品	名	REMARKS	QTY	RANK
R0204	RD35718R	CARBON RESISTOR (CHIP)	18.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0205	RD356330	CARBON RESISTOR (CHIP)	3.3K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0206	RD357150	CARBON RESISTOR (CHIP)	15.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0207	RD35627R	CARBON RESISTOR (CHIP)	2.7K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0208	RD35718R	CARBON RESISTOR (CHIP)	18.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0209	RD35718R	CARBON RESISTOR (CHIP)	18.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0210	RD356120	CARBON RESISTOR (CHIP)	1.2K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0211	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0213	RD35747R	CARBON RESISTOR (CHIP)	47.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
-0217	RD35747R	CARBON RESISTOR (CHIP)	47.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0220	RD356330	CARBON RESISTOR (CHIP)	3.3K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0221	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0223	RD355560	CARBON RESISTOR (CHIP)	560.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
-0227	RD355560	CARBON RESISTOR (CHIP)	560.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0231	RD356100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0232	RD358100	CARBON RESISTOR (CHIP)	100.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0233	RD354470	CARBON RESISTOR (CHIP)	47.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0301	RD357220	CARBON RESISTOR (CHIP)	22.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0302	RD355470	CARBON RESISTOR (CHIP)	470.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0303	RD356120	CARBON RESISTOR (CHIP)	1.2K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0304	RD35718R	CARBON RESISTOR (CHIP)	18.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0305	RD356330	CARBON RESISTOR (CHIP)	3.3K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0306	RD357150	CARBON RESISTOR (CHIP)	15.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0307	RD35627R	CARBON RESISTOR (CHIP)	2.7K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0308	RD35718R	CARBON RESISTOR (CHIP)	18.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0309	RD35718R	CARBON RESISTOR (CHIP)	18.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0310	RD356120	CARBON RESISTOR (CHIP)	1.2K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0311	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0313	RD35747R	CARBON RESISTOR (CHIP)	47.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
-0317	RD35747R	CARBON RESISTOR (CHIP)	47.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0320	RD356330	CARBON RESISTOR (CHIP)	3.3K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0321	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0323	RD355560	CARBON RESISTOR (CHIP)	560.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
-0327	RD355560	CARBON RESISTOR (CHIP)	560.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0331	RD356100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0332	RD358100	CARBON RESISTOR (CHIP)	100.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0333	RD354470	CARBON RESISTOR (CHIP)	47.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0401	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0403	RD356820	CARBON RESISTOR (CHIP)	8.2K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0404	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0405	RD357220	CARBON RESISTOR (CHIP)	22.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0406	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0407	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0408	RD356100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0414	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0415	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0416	RD357120	CARBON RESISTOR (CHIP)	12.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0417	RD356180	CARBON RESISTOR (CHIP)	1.8K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0418	RD356100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0419	RD15433R	CARBON RESISTOR (CHIP)	33.0 1/4 J TP	チ	ッ	ブ 抵 抗			01
R0424	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0425	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0426	RD357120	CARBON RESISTOR (CHIP)	12.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0427	RD356180	CARBON RESISTOR (CHIP)	1.8K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0428	RD356100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0429	RD15433R	CARBON RESISTOR (CHIP)	33.0 1/4 J TP	チ	ッ	ブ 抵 抗			01
R0441	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ 抵 抗			01
-0443	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0444	RD354470	CARBON RESISTOR (CHIP)	47.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0445	RD357270	CARBON RESISTOR (CHIP)	27.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0446	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0447	RD355680	CARBON RESISTOR (CHIP)	680.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0451	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ 抵 抗			01
-0453	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0454	RD354470	CARBON RESISTOR (CHIP)	47.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0455	RD357270	CARBON RESISTOR (CHIP)	27.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0456	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0457	RD355680	CARBON RESISTOR (CHIP)	680.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0510	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R0511	RD356560	CARBON RESISTOR (CHIP)	5.6K 63M J RECT.	チ	ッ	ブ 抵 抗			01

\*: New Parts

RANK: Japan only

## AM/DJK/HP/SW/VR

REF NO.	PART NO.	DESCRIPTION		部	品	名	REMARKS	QTY	RANK	
R0512	RD356560	CARBON RESISTOR (CHIP)	5.6K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0513	RD35627R	CARBON RESISTOR (CHIP)	2.7K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0514	RD355390	CARBON RESISTOR (CHIP)	390.0 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0515	RD356220	CARBON RESISTOR (CHIP)	2.2K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0521	RD356560	CARBON RESISTOR (CHIP)	5.6K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0522	RD356560	CARBON RESISTOR (CHIP)	5.6K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0523	RD35627R	CARBON RESISTOR (CHIP)	2.7K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0524	RD355390	CARBON RESISTOR (CHIP)	390.0 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0525	RD356220	CARBON RESISTOR (CHIP)	2.2K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0531	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0532	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0533	RD356180	CARBON RESISTOR (CHIP)	1.8K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0534	RD355390	CARBON RESISTOR (CHIP)	390.0 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0541	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0542	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0543	RD356180	CARBON RESISTOR (CHIP)	1.8K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0544	RD355390	CARBON RESISTOR (CHIP)	390.0 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0551	RD355680	CARBON RESISTOR (CHIP)	680.0 63M J RECT.	チ	ッ	ブ	抵 抗		01	
-0554	RD355680	CARBON RESISTOR (CHIP)	680.0 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0555	RD356330	CARBON RESISTOR (CHIP)	3.3K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0556	RD356220	CARBON RESISTOR (CHIP)	2.2K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0591	RD357220	CARBON RESISTOR (CHIP)	22.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0592	RD356150	CARBON RESISTOR (CHIP)	1.5K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0593	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0594	RD356820	CARBON RESISTOR (CHIP)	8.2K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0595	RD358100	CARBON RESISTOR (CHIP)	100.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0611	RD358100	CARBON RESISTOR (CHIP)	100.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0641	RD358100	CARBON RESISTOR (CHIP)	100.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0642	RD356560	CARBON RESISTOR (CHIP)	5.6K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0643	RD358100	CARBON RESISTOR (CHIP)	100.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0644	RD357220	CARBON RESISTOR (CHIP)	22.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0645	RD358100	CARBON RESISTOR (CHIP)	100.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0651	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0652	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0661	RD35627R	CARBON RESISTOR (CHIP)	2.7K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0662	RD35747R	CARBON RESISTOR (CHIP)	47.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0663	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0664	RD355220	CARBON RESISTOR (CHIP)	220.0 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0665	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0741	RD355220	CARBON RESISTOR (CHIP)	220.0 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0742	RD356100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0751	RD355220	CARBON RESISTOR (CHIP)	220.0 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0752	RD355220	CARBON RESISTOR (CHIP)	220.0 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0753	RD356150	CARBON RESISTOR (CHIP)	1.5K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0754	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0755	RD357220	CARBON RESISTOR (CHIP)	22.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0756	RD357220	CARBON RESISTOR (CHIP)	22.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0812	RD356100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0813	RD355220	CARBON RESISTOR (CHIP)	220.0 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0814	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0822	RD356100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0823	RD355220	CARBON RESISTOR (CHIP)	220.0 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0824	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0839	RD250000	CARBON RESISTOR (CHIP)	0.0 0.0 J RECT.	チ	ッ	ブ	抵 抗		01	
R0841	RD250000	CARBON RESISTOR (CHIP)	0.0 0.0 J RECT.	チ	ッ	ブ	抵 抗		01	
R0931	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0932	RD356470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0933	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0934	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0936	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0937	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0939	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チ	ッ	ブ	抵 抗		01	
R0940	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チ	ッ	ブ	抵 抗		01	
TR018	IB070901	TRANSISTOR	2SB709A P,Q,R,S TP	ト	ラ	ン	ジ	ス	タ	02
TR018	VV556500	TRANSISTOR	2SA1037AK Q,R,S TP	ト	ラ	ン	ジ	ス	タ	01
TR041	V4767500	TRANSISTOR	2SD0601ARL/AQL Q,R,S	ト	ラ	ン	ジ	ス	タ	01
TR041	VJ92710R	TRANSISTOR	2SC2712-Y (TE85R,F)	ト	ラ	ン	ジ	ス	タ	01
TR041	VQ98670R	TRANSISTOR	2SC4081 T106 TP	ト	ラ	ン	ジ	ス	タ	01
TR041	VV556400	TRANSISTOR	2SC2412K Q,R,S TP	ト	ラ	ン	ジ	ス	タ	01
TR042	V4767500	TRANSISTOR	2SD0601ARL/AQL Q,R,S	ト	ラ	ン	ジ	ス	タ	01

\*: New Parts

RANK: Japan only

AM/DJK/HP/SW/VR

REF NO.	PART NO.	DESCRIPTION	部 品 名	REMARKS	QTY	RANK
TR042	VJ92710R	TRANSISTOR	2SC2712-Y(TE85R,F)	トランジスタ		01
TR042	VQ98670R	TRANSISTOR	2SC4081 T106 TP	トランジスタ		01
TR042	VV556400	TRANSISTOR	2SC2412K Q,R,S TP	トランジスタ		01
TR044	VD303700	TRANSISTOR	2SC3326 -A,B(TE85R)	トランジスタ		01
-047	VD303700	TRANSISTOR	2SC3326 -A,B(TE85R)	トランジスタ		01
TR044	VZ725900	TRANSISTOR	2SD1938(F) S,T TP	トランジスタ		01
-047	VZ725900	TRANSISTOR	2SD1938(F) S,T TP	トランジスタ		01
TR055	V4767500	TRANSISTOR	2SD0601ARL/AQL Q,R,S	トランジスタ		01
TR055	VJ92710R	TRANSISTOR	2SC2712-Y(TE85R,F)	トランジスタ		01
TR055	VQ98670R	TRANSISTOR	2SC4081 T106 TP	トランジスタ		01
TR055	VV556400	TRANSISTOR	2SC2412K Q,R,S TP	トランジスタ		01
TR059	IB070901	TRANSISTOR	2SB709A P,Q,R,S TP	トランジスタ		02
TR059	VV556500	TRANSISTOR	2SA1037AK Q,R,S TP	トランジスタ		01
TR075	V4767500	TRANSISTOR	2SD0601ARL/AQL Q,R,S	トランジスタ		01
TR075	VJ92710R	TRANSISTOR	2SC2712-Y(TE85R,F)	トランジスタ		01
TR075	VQ98670R	TRANSISTOR	2SC4081 T106 TP	トランジスタ		01
TR075	VV556400	TRANSISTOR	2SC2412K Q,R,S TP	トランジスタ		01
TR076	V4767500	TRANSISTOR	2SD0601ARL/AQL Q,R,S	トランジスタ		01
TR076	VJ92710R	TRANSISTOR	2SC2712-Y(TE85R,F)	トランジスタ		01
TR076	VQ98670R	TRANSISTOR	2SC4081 T106 TP	トランジスタ		01
TR076	VV556400	TRANSISTOR	2SC2412K Q,R,S TP	トランジスタ		01
C0075	UR837220	ELECTROLYTIC CAPACITOR	22.00 16.0V RX TP	ケミコン		01
C0081	UR837220	ELECTROLYTIC CAPACITOR	22.00 16.0V RX TP	ケミコン		01
C0095	WB47700R	ELECTROLYTIC CAPACITOR	330.00 35.0V RX TP	ケミコン Z L		01
C0095	WC30370R	ELECTROLYTIC CAPACITOR	330.00 35.0V RX TP	ケミコン K Z E		01
C0096	WB47690R	ELECTROLYTIC CAPACITOR	470.00 16.0V RX TP	ケミコン Z L		01
C0096	WC30360R	ELECTROLYTIC CAPACITOR	470.00 16.0V RX TP	ケミコン K Z E		01
C0097	WB47690R	ELECTROLYTIC CAPACITOR	470.00 16.0V RX TP	ケミコン Z L		01
C0097	WC30360R	ELECTROLYTIC CAPACITOR	470.00 16.0V RX TP	ケミコン K Z E		01
C0142	UR866470	ELECTROLYTIC CAPACITOR	4.70 50.0V RX TP	ケミコン		01
C0149	UR837100	ELECTROLYTIC CAPACITOR	10.00 16.0V RX TP	ケミコン		01
C0152	UR866470	ELECTROLYTIC CAPACITOR	4.70 50.0V RX TP	ケミコン		01
C0159	UR837100	ELECTROLYTIC CAPACITOR	10.00 16.0V RX TP	ケミコン		01
C0166	UR837100	ELECTROLYTIC CAPACITOR	10.00 16.0V RX TP	ケミコン		01
C0176	UR837100	ELECTROLYTIC CAPACITOR	10.00 16.0V RX TP	ケミコン		01
C0201	VE326900	MONOLITHIC POLYESTER F. CAP.	0.56 50V J RX TP	積層マイラコン		01
C0201	VR16930R	MONOLITHIC POLYESTER F. CAP.	ECQ-V1H564JL3	積層マイラコン		01
C0202	VE326700	MONOLITHIC POLYESTER F. CAP.	0.39 50V J RX TP	積層マイラコン		01
C0202	VR169100	MONOLITHIC POLYESTER F. CAP.	ECQ-V1H394JL3	積層マイラコン		01
C0203	UA354680	POLYESTER FILM CAPACITOR	0.0680 50V J RX TP	マイラコン		01
C0203	UA954680	POLYESTER FILM CAPACITOR	0.0680 50V J RX TP	マイラコン		01
C0204	VE326600	MONOLITHIC POLYESTER F. CAP.	0.33 50V J RX TP	積層マイラコン		01
C0204	VR169000	MONOLITHIC POLYESTER F. CAP.	ECQ-V1H334JL3	積層マイラコン		01
C0205	UA35412R	POLYESTER FILM CAPACITOR	0.0120 50V J RX TP	マイラコン		01
C0206	UA354680	POLYESTER FILM CAPACITOR	0.0680 50V J RX TP	マイラコン		01
C0206	UA954680	POLYESTER FILM CAPACITOR	0.0680 50V J RX TP	マイラコン		01
C0207	UA35368R	POLYESTER FILM CAPACITOR	6800P 50V J RX TP	マイラコン		01
C0207	UA953680	POLYESTER FILM CAPACITOR	6800P 50V J RX TP	マイラコン		01
C0208	UA354270	POLYESTER FILM CAPACITOR	0.0270 50V J RX TP	マイラコン		01
C0208	UA954270	POLYESTER FILM CAPACITOR	0.0270 50V J RX TP	マイラコン		01
C0209	UA35312R	POLYESTER FILM CAPACITOR	1200P 50V J RX TP	マイラコン		01
C0210	UA353560	POLYESTER FILM CAPACITOR	5600P 50V J RX TP	マイラコン		01
C0232	UR837470	ELECTROLYTIC CAPACITOR	47.00 16.0V RX TP	ケミコン		01
C0232	UR847470	ELECTROLYTIC CAPACITOR	47.00 25.0V RX TP	ケミコン		01
C0301	VE326900	MONOLITHIC POLYESTER F. CAP.	0.56 50V J RX TP	積層マイラコン		01
C0301	VR16930R	MONOLITHIC POLYESTER F. CAP.	ECQ-V1H564JL3	積層マイラコン		01
C0302	VE326700	MONOLITHIC POLYESTER F. CAP.	0.39 50V J RX TP	積層マイラコン		01
C0302	VR169100	MONOLITHIC POLYESTER F. CAP.	ECQ-V1H394JL3	積層マイラコン		01
C0303	UA354680	POLYESTER FILM CAPACITOR	0.0680 50V J RX TP	マイラコン		01
C0303	UA954680	POLYESTER FILM CAPACITOR	0.0680 50V J RX TP	マイラコン		01
C0304	VE326600	MONOLITHIC POLYESTER F. CAP.	0.33 50V J RX TP	積層マイラコン		01
C0304	VR169000	MONOLITHIC POLYESTER F. CAP.	ECQ-V1H334JL3	積層マイラコン		01
C0305	UA35412R	POLYESTER FILM CAPACITOR	0.0120 50V J RX TP	マイラコン		01
C0306	UA354680	POLYESTER FILM CAPACITOR	0.0680 50V J RX TP	マイラコン		01
C0306	UA954680	POLYESTER FILM CAPACITOR	0.0680 50V J RX TP	マイラコン		01
C0307	UA35368R	POLYESTER FILM CAPACITOR	6800P 50V J RX TP	マイラコン		01
C0307	UA953680	POLYESTER FILM CAPACITOR	6800P 50V J RX TP	マイラコン		01
C0308	UA354270	POLYESTER FILM CAPACITOR	0.0270 50V J RX TP	マイラコン		01
C0308	UA954270	POLYESTER FILM CAPACITOR	0.0270 50V J RX TP	マイラコン		01
C0309	UA35312R	POLYESTER FILM CAPACITOR	1200P 50V J RX TP	マイラコン		01

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## AM/DJK/HP/SW/VR

REF NO.	PART NO.	DESCRIPTION		部 品 名	REMARKS	QTY	RANK	
C0310	UA353560	POLYESTER FILM CAPACITOR	5600P 50V J RX TP	マ イ ラ - コ ン				
C0332	UR837470	ELECTROLYTIC CAPACITOR	47.00 16.0V RX TP	ケ ミ コ ン	}		01	
C0332	UR847470	ELECTROLYTIC CAPACITOR	47.00 25.0V RX TP	ケ ミ コ ン			01	
C0415	UR866220	ELECTROLYTIC CAPACITOR	2.20 50.0V RX TP	ケ ミ コ ン			01	
C0417	UR848100	ELECTROLYTIC CAPACITOR	100.00 25.0V RX TP	ケ ミ コ ン			01	
C0425	UR866220	ELECTROLYTIC CAPACITOR	2.20 50.0V RX TP	ケ ミ コ ン			01	
C0427	UR848100	ELECTROLYTIC CAPACITOR	100.00 25.0V RX TP	ケ ミ コ ン			01	
C0428	UR838220	ELECTROLYTIC CAPACITOR	220.00 16.0V RX TP	ケ ミ コ ン			01	
C0432	UR838220	ELECTROLYTIC CAPACITOR	220.00 16.0V RX TP	ケ ミ コ ン			01	
C0441	UR837100	ELECTROLYTIC CAPACITOR	10.00 16.0V RX TP	ケ ミ コ ン			01	
C0446	UR837100	ELECTROLYTIC CAPACITOR	10.00 16.0V RX TP	ケ ミ コ ン			01	
C0451	UR837100	ELECTROLYTIC CAPACITOR	10.00 16.0V RX TP	ケ ミ コ ン			01	
C0456	UR837100	ELECTROLYTIC CAPACITOR	10.00 16.0V RX TP	ケ ミ コ ン			01	
C0501	UR848100	ELECTROLYTIC CAPACITOR	100.00 25.0V RX TP	ケ ミ コ ン			01	
C0503	UR828100	ELECTROLYTIC CAPACITOR	100.00 10.0V RX TP	ケ ミ コ ン			01	
C0504	UR865470	ELECTROLYTIC CAPACITOR	0.47 50.0V RX TP	ケ ミ コ ン			01	
C0505	UR827330	ELECTROLYTIC CAPACITOR	33.00 10.0V RX TP	ケ ミ コ ン			01	
C0511	UA353820	POLYESTER FILM CAPACITOR	8200P 50V J RX TP	マ イ ラ - コ ン	}		01	
C0511	UA953820	POLYESTER FILM CAPACITOR	8200P 50V J RX TP	マ イ ラ - コ ン				
C0512	UA353390	POLYESTER FILM CAPACITOR	3900P 50V J RX TP	マ イ ラ - コ ン				01
C0513	UR837470	ELECTROLYTIC CAPACITOR	47.00 16.0V RX TP	ケ ミ コ ン	}		01	
C0513	UR847470	ELECTROLYTIC CAPACITOR	47.00 25.0V RX TP	ケ ミ コ ン				01
C0514	VE327200	MONOLITHIC POLYESTER F. CAP.	1.0 50V J RX TP	積 層 マ イ ラ - コ ン				02
C0514	VU838100	MONOLITHIC POLYESTER F. CAP.	1.0000 50V J TATET	積 層 マ イ ラ - コ ン				
C0518	VE326000	MONOLITHIC POLYESTER F. CAP.	0.10 50V J RX TP	積 層 マ イ ラ - コ ン	}		01	
C0518	VR168300	MONOLITHIC POLYESTER F. CAP.	ECQ-V1H104JL3	積 層 マ イ ラ - コ ン				01
C0519	VE326000	MONOLITHIC POLYESTER F. CAP.	0.10 50V J RX TP	積 層 マ イ ラ - コ ン	}		01	
C0519	VR168300	MONOLITHIC POLYESTER F. CAP.	ECQ-V1H104JL3	積 層 マ イ ラ - コ ン				01
C0521	UA353820	POLYESTER FILM CAPACITOR	8200P 50V J RX TP	マ イ ラ - コ ン	}		01	
C0521	UA953820	POLYESTER FILM CAPACITOR	8200P 50V J RX TP	マ イ ラ - コ ン				
C0522	UA353390	POLYESTER FILM CAPACITOR	3900P 50V J RX TP	マ イ ラ - コ ン			01	
C0523	UR837470	ELECTROLYTIC CAPACITOR	47.00 16.0V RX TP	ケ ミ コ ン	}		01	
C0523	UR847470	ELECTROLYTIC CAPACITOR	47.00 25.0V RX TP	ケ ミ コ ン				01
C0524	VE327200	MONOLITHIC POLYESTER F. CAP.	1.0 50V J RX TP	積 層 マ イ ラ - コ ン	}		02	
C0524	VU838100	MONOLITHIC POLYESTER F. CAP.	1.0000 50V J TATET	積 層 マ イ ラ - コ ン				
C0528	VE326000	MONOLITHIC POLYESTER F. CAP.	0.10 50V J RX TP	積 層 マ イ ラ - コ ン	}		01	
C0528	VR168300	MONOLITHIC POLYESTER F. CAP.	ECQ-V1H104JL3	積 層 マ イ ラ - コ ン				01
C0529	VE326000	MONOLITHIC POLYESTER F. CAP.	0.10 50V J RX TP	積 層 マ イ ラ - コ ン	}		01	
C0529	VR168300	MONOLITHIC POLYESTER F. CAP.	ECQ-V1H104JL3	積 層 マ イ ラ - コ ン				01
C0531	UA353470	POLYESTER FILM CAPACITOR	4700P 50V J RX TP	マ イ ラ - コ ン			01	
C0532	UA353470	POLYESTER FILM CAPACITOR	4700P 50V J RX TP	マ イ ラ - コ ン			01	
C0533	UR866100	ELECTROLYTIC CAPACITOR	1.00 50.0V RX TP	ケ ミ コ ン	}		01	
C0534	VE326800	MONOLITHIC POLYESTER F. CAP.	0.47 50V J RX TP	積 層 マ イ ラ - コ ン				01
C0534	VR169200	MONOLITHIC POLYESTER F. CAP.	ECQ-V1H474JL3	積 層 マ イ ラ - コ ン				01
C0536	UR838220	ELECTROLYTIC CAPACITOR	220.00 16.0V RX TP	ケ ミ コ ン				01
C0541	UA353470	POLYESTER FILM CAPACITOR	4700P 50V J RX TP	マ イ ラ - コ ン			01	
C0542	UA353470	POLYESTER FILM CAPACITOR	4700P 50V J RX TP	マ イ ラ - コ ン			01	
C0543	UR866100	ELECTROLYTIC CAPACITOR	1.00 50.0V RX TP	ケ ミ コ ン	}		01	
C0544	VE326800	MONOLITHIC POLYESTER F. CAP.	0.47 50V J RX TP	積 層 マ イ ラ - コ ン				01
C0544	VR169200	MONOLITHIC POLYESTER F. CAP.	ECQ-V1H474JL3	積 層 マ イ ラ - コ ン				01
C0546	UR838220	ELECTROLYTIC CAPACITOR	220.00 16.0V RX TP	ケ ミ コ ン			01	
C0551	UR866470	ELECTROLYTIC CAPACITOR	4.70 50.0V RX TP	ケ ミ コ ン	}		01	
C0552	UR837470	ELECTROLYTIC CAPACITOR	47.00 16.0V RX TP	ケ ミ コ ン				01
C0552	UR847470	ELECTROLYTIC CAPACITOR	47.00 25.0V RX TP	ケ ミ コ ン				01
C0554	UR848100	ELECTROLYTIC CAPACITOR	100.00 25.0V RX TP	ケ ミ コ ン				01
C0613	UR866470	ELECTROLYTIC CAPACITOR	4.70 50.0V RX TP	ケ ミ コ ン				01
C0641	UR866100	ELECTROLYTIC CAPACITOR	1.00 50.0V RX TP	ケ ミ コ ン			01	
C0643	UR866100	ELECTROLYTIC CAPACITOR	1.00 50.0V RX TP	ケ ミ コ ン			01	
C0645	UR866100	ELECTROLYTIC CAPACITOR	1.00 50.0V RX TP	ケ ミ コ ン			01	
C0651	UR838100	ELECTROLYTIC CAPACITOR	100.00 16.0V RX TP	ケ ミ コ ン			01	
C0661	UR866470	ELECTROLYTIC CAPACITOR	4.70 50.0V RX TP	ケ ミ コ ン			01	
C0663	UR866100	ELECTROLYTIC CAPACITOR	1.00 50.0V RX TP	ケ ミ コ ン			01	
C0829	UN838220	ELECTROLYTIC CAPACITOR BP	220.00 16.0V RX TP	B P ケ ミ コ ン			01	
C0922	UR848100	ELECTROLYTIC CAPACITOR	100.00 25.0V RX TP	ケ ミ コ ン	}		01	
C0932	UR837470	ELECTROLYTIC CAPACITOR	47.00 16.0V RX TP	ケ ミ コ ン				01
C0932	UR847470	ELECTROLYTIC CAPACITOR	47.00 25.0V RX TP	ケ ミ コ ン				01
C0933	UR838100	ELECTROLYTIC CAPACITOR	100.00 16.0V RX TP	ケ ミ コ ン			01	
C0934	UR838100	ELECTROLYTIC CAPACITOR	100.00 16.0V RX TP	ケ ミ コ ン			01	
C2003	UR848100	ELECTROLYTIC CAPACITOR	100.00 25.0V RX TP	ケ ミ コ ン			01	
C2004	UR848100	ELECTROLYTIC CAPACITOR	100.00 25.0V RX TP	ケ ミ コ ン			01	

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AM/DJK/HP/SW/VR and DMH

REF NO.	PART NO.	DESCRIPTION	部 品 名	REMARKS	QTY	RANK
EM096	VD54270R	EMI FILTER	DSS6NF31C223Q93A	LCフィルター EMI		01
-098	VD54270R	EMI FILTER	DSS6NF31C223Q93A	LCフィルター EMI		01
L0013	GE300670	FERRITE BEAD	BL02RN2R1P1A	フェライトビーズ		02
L0013	VM89860R	FERRITE BEAD	EXCELD35V TAPING	フェライトビーズ		01
L0014	V3085000	COIL	R-5C TE 10uH	チョークコイル 10U		
L0014	VB835000	COIL	FL05RD200AT 20uH	コイル 20U		01
L0015	V3085000	COIL	R-5C TE 10uH	チョークコイル 10U		
L0015	VB835000	COIL	FL05RD200AT 20uH	コイル 20U		01
L0043	GE300670	FERRITE BEAD	BL02RN2R1P1A	フェライトビーズ		02
L0043	VM89860R	FERRITE BEAD	EXCELD35V	フェライトビーズ		01
L0044	V3085000	COIL	R-5C TE 10uH	チョークコイル 10U		
L0044	VB835000	COIL	FL05RD200AT 20uH	コイル 20U		01
L0045	V3085000	COIL	R-5C TE 10uH	チョークコイル 10U		
L0045	VB835000	COIL	FL05RD200AT 20uH	コイル 20U		01
L0047	V3085000	COIL	R-5C TE 10uH	チョークコイル 10U		
L0047	VB835000	COIL	FL05RD200AT 20uH	コイル 20U		01
L0048	V3085000	COIL	R-5C TE 10uH	チョークコイル 10U		
L0048	VB835000	COIL	FL05RD200AT 20uH	コイル 20U		01
L0049	GE300670	FERRITE BEAD	BL02RN2R1P1A	フェライトビーズ		02
L0049	VM89860R	FERRITE BEAD	EXCELD35V	フェライトビーズ		01
L0611	V3085000	COIL	R-5C TE 10uH	チョークコイル 10U		
L0612	V3085000	COIL	R-5C TE 10uH	チョークコイル 10U		
L0612	VB835000	COIL	FL05RD200AT 20uH	コイル 20U		01
L0753	V3085000	COIL	R-5C TE 10uH	チョークコイル 10U		
L0753	VB835000	COIL	FL05RD200AT 20uH	コイル 20U		01
L0831	GE300670	FERRITE BEAD	BL02RN2R1P1A	フェライトビーズ		02
L0831	VM89860R	FERRITE BEAD	EXCELD35V	フェライトビーズ		01
L0833	V3085000	COIL	R-5C TE 10uH	チョークコイル 10U		
L0833	VB835000	COIL	FL05RD200AT 20uH	コイル 20U		01
10	--	JUMPER WIRE	0.55 TIN	ジャンパー線	(VA07891)	
J0050	--	JUMPER WIRE	0.55 TIN	ジャンパー線	(VA07891)	
J0060	--	JUMPER WIRE	0.55 TIN	ジャンパー線	(VA07891)	
J0090	--	JUMPER WIRE	0.55 TIN	ジャンパー線	(VA07891)	
R0431	--	JUMPER WIRE	0.55 TIN	ジャンパー線	(VA07891)	
R0471	HF45468R	CARBON RESISTOR	68.0 1/4 J AX TP	カーボン抵抗		01
R0472	HF455330	CARBON RESISTOR	330.0 1/4 J AX TP	カーボン抵抗		01
R0481	HF45468R	CARBON RESISTOR	68.0 1/4 J AX TP	カーボン抵抗		01
R0482	HF455330	CARBON RESISTOR	330.0 1/4 J AX TP	カーボン抵抗		01
R0516	WD55670R	FLAME PROOF CARBON RESISTOR	2.2 1/4 J TE-26	不燃化カーボン抵抗		01
R0517	WD55670R	FLAME PROOF CARBON RESISTOR	2.2 1/4 J TE-26	不燃化カーボン抵抗		01
R0526	WD55670R	FLAME PROOF CARBON RESISTOR	2.2 1/4 J TE-26	不燃化カーボン抵抗		01
R0527	WD55670R	FLAME PROOF CARBON RESISTOR	2.2 1/4 J TE-26	不燃化カーボン抵抗		01
R0811	HF454220	CARBON RESISTOR	22.0 1/4 J AX TP	カーボン抵抗		01
R0821	HF454220	CARBON RESISTOR	22.0 1/4 J AX TP	カーボン抵抗		01
ZD059	VG437300	ZENER DIODE	MTZ J 5.1A 5.1V TP	ツェナーダイオード		01
*	WQ263200	CIRCUIT BOARD	DMH	DMHシート	(YA175E0)	
30	--	MAC ADDRESS LABEL	CL COMMON ALL	MACアドレスラベル	(WR13650)	
C18	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ (BJ)		01
C19	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C28	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ (BJ)		01
C33	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ (BJ)		01
C35	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ (BJ)		01
C45	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ (BJ)		01
C47	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ (BJ)		01
C54	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ (BJ)		01
C57	US661470	CERAMIC CAPACITOR (CHIP)	47P 50V J RECT.	チップセラ (CH)		01
C58	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ (BJ)		01
C59	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ (BJ)		01
C61	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C62	US662470	CERAMIC CAPACITOR (CHIP)	470P 50V K RECT.	チップセラ (B)		01
C63	US662470	CERAMIC CAPACITOR (CHIP)	470P 50V K RECT.	チップセラ (B)		01
C66	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ (BJ)		01
-70	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ (BJ)		01
C71	US661100	CERAMIC CAPACITOR (CHIP)	10P 50V D RECT.	チップセラ (CH)		01
C72	US661100	CERAMIC CAPACITOR (CHIP)	10P 50V D RECT.	チップセラ (CH)		01
C75	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ (BJ)		01
C76	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ (BJ)		01
C78	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ (BJ)		01
C82	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ (BJ)		01

※: New Parts

RANK: Japan only

## DMH

REF NO.	PART NO.	DESCRIPTION	部 品 名	REMARKS	QTY	RANK
-91	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C95	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C97	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C99	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C106	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C107	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C109	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C126	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C127	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C128	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C129	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C131	US663100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チップセラ ( B )		01
-133	US663100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チップセラ ( B )		01
C137	US663100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チップセラ ( B )		01
C138	US663100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チップセラ ( B )		01
C140	US663100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チップセラ ( B )		01
C142	US663100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チップセラ ( B )		01
C156	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C204	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C205	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
-207	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C208	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C209	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
-214	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C216	US661100	CERAMIC CAPACITOR (CHIP)	10P 50V D RECT.	チップセラ ( C H )		01
C217	US661100	CERAMIC CAPACITOR (CHIP)	10P 50V D RECT.	チップセラ ( C H )		01
C222	US661100	CERAMIC CAPACITOR (CHIP)	10P 50V D RECT.	チップセラ ( C H )		01
C223	US661100	CERAMIC CAPACITOR (CHIP)	10P 50V D RECT.	チップセラ ( C H )		01
C271	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C272	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
-283	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C284	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C285	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C308	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C314	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C315	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
-322	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C324	US661150	CERAMIC CAPACITOR (CHIP)	15P 50V J RECT.	チップセラ ( C H )		01
C327	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
-331	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C370	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C400	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C401	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C408	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C409	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C414	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
-416	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C417	US634100	CERAMIC CAPACITOR (CHIP)	0.010 16V K RECT.	チップセラ ( B )		01
C423	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チップ抵抗		01
C424	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C438	US662560	CERAMIC CAPACITOR (CHIP)	560P 50V K RECT.	チップセラ ( B )		01
C439	US662560	CERAMIC CAPACITOR (CHIP)	560P 50V K RECT.	チップセラ ( B )		01
C450	US662180	CERAMIC CAPACITOR (CHIP)	180P 50V J RECT.	チップセラ ( S L )		01
C451	US662180	CERAMIC CAPACITOR (CHIP)	180P 50V J RECT.	チップセラ ( S L )		01
C452	US661560	CERAMIC CAPACITOR (CHIP)	56P 50V J RECT.	チップセラ ( C H )		01
C456	US662330	CERAMIC CAPACITOR (CHIP)	330P 50V K RECT.	チップセラ ( B )		01
C457	US662330	CERAMIC CAPACITOR (CHIP)	330P 50V K RECT.	チップセラ ( B )		01
C461	US662330	CERAMIC CAPACITOR (CHIP)	330P 50V K RECT.	チップセラ ( B )		01
C464	US662220	CERAMIC CAPACITOR (CHIP)	220P 50V K RECT.	チップセラ ( B )		01
C465	US663100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チップセラ ( B )		01
C466	US663100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チップセラ ( B )		01
C470	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C475	US662100	CERAMIC CAPACITOR (CHIP)	100P 50V J RECT.	チップセラ ( C H )		01
C477	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C481	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C483	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C489	US663100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チップセラ ( B )		01
-491	US663100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チップセラ ( B )		01
C493	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C495	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01

\*: New Parts

RANK: Japan only

DMH

REF NO.	PART NO.	DESCRIPTION	部 品 名	REMARKS	QTY	RANK
C499	US634100	CERAMIC CAPACITOR (CHIP)	0.010 16V K RECT.	チップセラ ( B )		01
C502	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C507	US663100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チップセラ ( B )		01
C508	US663100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チップセラ ( B )		01
C509	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C510	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C511	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C600	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C601	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C602	US661150	CERAMIC CAPACITOR (CHIP)	15P 50V J RECT.	チップセラ ( C H )		01
C603	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C604	US661150	CERAMIC CAPACITOR (CHIP)	15P 50V J RECT.	チップセラ ( C H )		01
-606	US661150	CERAMIC CAPACITOR (CHIP)	15P 50V J RECT.	チップセラ ( C H )		01
C618	US661100	CERAMIC CAPACITOR (CHIP)	10P 50V D RECT.	チップセラ ( C H )		01
C621	US661100	CERAMIC CAPACITOR (CHIP)	10P 50V D RECT.	チップセラ ( C H )		01
C624	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
-627	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C629	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C630	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
-634	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C638	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C708	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C709	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C719	US661120	CERAMIC CAPACITOR (CHIP)	12P 50V J RECT.	チップセラ ( C H )		01
C720	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C722	US661120	CERAMIC CAPACITOR (CHIP)	12P 50V J RECT.	チップセラ ( C H )		01
C802	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
-805	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C812	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C813	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C814	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C900	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
-902	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C908	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C909	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C912	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
-914	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C917	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
-923	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C925	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C926	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C945	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C946	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C948	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
-950	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C952	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C953	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C955	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C956	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C959	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C960	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C964	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
-969	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C985	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C986	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C988	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
D400	VS20110R	DIODE	D1F60 1A 600V TP	チップダイオード		01
DA402	V9424900	DIODE ARRAY	TE85L	ダイオードアレイ		01
IC3	X2890B00	IC	HD6417727F160CV	I C	CPU	15
IC7	X6688A0R	IC	SN74LV14APWR	I C	INVERTER	01
IC8	XW814A0R	IC	TC7SET32FU(TE85L,F	I C	OR	01
IC9	XW633A0R	IC	TC7SH32FU(TE85L,JF	I C	OR	01
IC12	X8382A00	IC	TC7WH08FK(TE85L,F)	I C	AND GATE	01
IC14	X7942B00	IC	TC74VHC273FT(EL,K)	I C	D-FF	01
IC15	X3693A0R	IC	SN74LV245APWR	I C	TRANSCEIVER	02
-18	X3693A0R	IC	SN74LV245APWR	I C	TRANSCEIVER	02
IC19	XV893A0R	IC	TC74VHC139FT(EL)	I C	DECODER	02
IC20	X3693A0R	IC	SN74LV245APWR	I C	TRANSCEIVER	02
-23	X3693A0R	IC	SN74LV245APWR	I C	TRANSCEIVER	02
IC28	XR680A00	IC	TC7SH08FU(TE85L,JF	I C	AND	01

\*: New Parts

RANK: Japan only



## DMH

REF NO.	PART NO.	DESCRIPTION		部	品	名	REMARKS	QTY	RANK
IC202	X8810A00	IC	R8A02032BG			C	CPU (SWX02)		09
IC303	X8940A00	IC	T6TJ3XBG-0001(O)			C	SWP51L		09
IC400	X8324A00	IC	AK4396VF-E2			C	DAC		06
IC404	X5219A0R	IC	AK5381VT-E2			C	ADC		05
IC407	X5482A00	IC	NE5532DR			C	OP AMP		01
IC410	X5482A00	IC	NE5532DR			C	OP AMP		01
IC411	X5482A00	IC	NE5532DR			C	OP AMP		01
IC600	X4063A00	IC	TC7WHU04FU			C	INVERTER		
-602	X4063A00	IC	TC7WHU04FU			C	INVERTER		
IC603	X6356B00	IC	YGV628B-VZ			C	RGB CONTROLLER AVDP7		11
IC605	X7703A00	IC	TC7WT126FU(TE12L,F			C	BUFFER		02
IC701	X3803A00	IC	TMS320DA150PGE16D			C	DSP		15
IC702	XW633A0R	IC	TC7SH32FU(TE85L,JF			C	OR		01
L1	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L3	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L5	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L8	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L12	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L14	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L16	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L18	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L20	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
-23	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L25	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
-30	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L37	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L38	WK139000	CHIP INDUCTANCE	600 BK1005HM601-T	チ	ッ	ブ	イン	ダ	ク
-40	WK139000	CHIP INDUCTANCE	600 BK1005HM601-T	チ	ッ	ブ	イン	ダ	ク
L42	WQ266500	COIL INDUCTOR	BLM18EG221SN1D	チ	ッ	ブ	イン	ダ	ク
L45	WQ266500	COIL INDUCTOR	BLM18EG221SN1D	チ	ッ	ブ	イン	ダ	ク
L71	WK139000	CHIP INDUCTANCE	600 BK1005HM601-T	チ	ッ	ブ	イン	ダ	ク
L76	WK139000	CHIP INDUCTANCE	600 BK1005HM601-T	チ	ッ	ブ	イン	ダ	ク
-78	WK139000	CHIP INDUCTANCE	600 BK1005HM601-T	チ	ッ	ブ	イン	ダ	ク
L200	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L201	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L204	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L205	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L300	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L303	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L305	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L310	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L400	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L402	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L405	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L408	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L411	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L412	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L417	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L422	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L423	WK139000	CHIP INDUCTANCE	600 BK1005HM601-T	チ	ッ	ブ	イン	ダ	ク
-425	WK139000	CHIP INDUCTANCE	600 BK1005HM601-T	チ	ッ	ブ	イン	ダ	ク
L426	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L429	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L440	WK139000	CHIP INDUCTANCE	600 BK1005HM601-T	チ	ッ	ブ	イン	ダ	ク
L441	WK139000	CHIP INDUCTANCE	600 BK1005HM601-T	チ	ッ	ブ	イン	ダ	ク
L442	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L443	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L600	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
-602	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L606	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L607	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L700	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L702	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
L801	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵	抗	01
R2	RD456100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チ	ッ	ブ	抵	抗	01
R3	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵	抗	01
R5	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵	抗	01
R6	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ	抵	抗	01
R8	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ	ッ	ブ	抵	抗	01
R9	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵	抗	01

\*: New Parts

RANK: Japan only

DMH

REF NO.	PART NO.	DESCRIPTION		部	品	名	REMARKS	QTY	RANK
R10	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R12	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
-15	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R16	RD455100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R21	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R23	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
-25	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R26	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R28	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R29	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R33	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
-36	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R37	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R38	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R39	RD454560	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R40	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
-43	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R44	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ 抵 抗			01
R47	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R48	RD455680	CARBON RESISTOR (CHIP)	680.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R49	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R50	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
-52	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R53	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R54	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R55	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
-57	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R60	RD458470	CARBON RESISTOR (CHIP)	470.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R61	RD458470	CARBON RESISTOR (CHIP)	470.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R64	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R65	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R66	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R67	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R69	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R71	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
-74	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R78	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
-81	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R82	RD455100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R83	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R89	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ 抵 抗			01
R94	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ 抵 抗			01
R99	RD456470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R102	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R103	RD458470	CARBON RESISTOR (CHIP)	470.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R110	RD458470	CARBON RESISTOR (CHIP)	470.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R115	RD45522R	CARBON RESISTOR (CHIP)	220.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R118	RD456220	CARBON RESISTOR (CHIP)	2.2K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R119	RD456220	CARBON RESISTOR (CHIP)	2.2K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R139	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R140	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R164	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ 抵 抗			01
R166	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
-168	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R170	RD458470	CARBON RESISTOR (CHIP)	470.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R175	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ 抵 抗			01
R221	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R222	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R224	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R226	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R228	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R235	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
-239	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R245	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R246	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R248	RD45547R	CARBON RESISTOR (CHIP)	470.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R249	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R254	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
-258	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R274	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01

\*: New Parts

RANK: Japan only

## DMH

REF NO.	PART NO.	DESCRIPTION		部	品	名	REMARKS	QTY	RANK
-278	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R300	RD454470	CARBON RESISTOR (CHIP)	47.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R301	RD454470	CARBON RESISTOR (CHIP)	47.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R302	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ	抵抗		01
R307	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
-309	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R310	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R311	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
-316	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R317	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R319	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R322	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ	抵抗		01
-325	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R329	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R330	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R332	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ	抵抗		01
R333	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ	抵抗		01
R334	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R335	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R400	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ	ッ	ブ	抵抗		01
-402	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R403	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ	抵抗		01
R404	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ	抵抗		01
R405	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R419	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R446	RD45522R	CARBON RESISTOR (CHIP)	220.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R457	RD456680	CARBON RESISTOR (CHIP)	6.8K 63M J RECT.	チ	ッ	ブ	抵抗		01
R458	RD456680	CARBON RESISTOR (CHIP)	6.8K 63M J RECT.	チ	ッ	ブ	抵抗		01
R461	RD456680	CARBON RESISTOR (CHIP)	6.8K 63M J RECT.	チ	ッ	ブ	抵抗		01
R462	RD456470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ	抵抗		01
R463	RD456470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ	抵抗		01
R464	RD456680	CARBON RESISTOR (CHIP)	6.8K 63M J RECT.	チ	ッ	ブ	抵抗		01
R465	RD456470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ	抵抗		01
R466	RD456470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ	抵抗		01
R475	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R484	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R485	RD454470	CARBON RESISTOR (CHIP)	47.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R486	RD454470	CARBON RESISTOR (CHIP)	47.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R487	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R491	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ	抵抗		01
-493	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ	抵抗		01
R497	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ	抵抗		01
R498	RD458100	CARBON RESISTOR (CHIP)	100.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R499	RD455100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R500	RD455100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R503	RD455100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R600	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ	抵抗		01
-604	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ	抵抗		01
R605	RD459100	CARBON RESISTOR (CHIP)	1.0M 63M J RECT.	チ	ッ	ブ	抵抗		01
R606	RD456100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R607	RD459100	CARBON RESISTOR (CHIP)	1.0M 63M J RECT.	チ	ッ	ブ	抵抗		01
R608	RD454330	CARBON RESISTOR (CHIP)	33.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R609	RD456100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R610	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R611	RD45615R	CARBON RESISTOR (CHIP)	1.5K 63M J RECT.	チ	ッ	ブ	抵抗		01
R612	RD454330	CARBON RESISTOR (CHIP)	33.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R615	RD459100	CARBON RESISTOR (CHIP)	1.0M 63M J RECT.	チ	ッ	ブ	抵抗		01
R616	RD456100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チ	ッ	ブ	抵抗		01
R617	RD454330	CARBON RESISTOR (CHIP)	33.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R618	RD454470	CARBON RESISTOR (CHIP)	47.0 63M J RECT.	チ	ッ	ブ	抵抗		01
-620	RD454470	CARBON RESISTOR (CHIP)	47.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R621	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R622	RF355100	CARBON RESISTOR (CHIP)	100.0 D 1608	チ	ッ	ブ	抵抗		01
R623	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R624	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R625	RF355100	CARBON RESISTOR (CHIP)	100.0 D 1608	チ	ッ	ブ	抵抗		01
R626	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R627	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ	抵抗		01
R628	RF454750	CARBON RESISTOR (CHIP)	75.0 D RECT.	チ	ッ	ブ	抵抗		01
R629	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ	抵抗		01

\*: New Parts

RANK: Japan only

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REF NO.	PART NO.	DESCRIPTION		部	品	名	REMARKS	QTY	RANK
R630	RF454750	CARBON RESISTOR (CHIP)	75.0 D RECT.	チ	ッ	ブ 抵 抗			
R631	RF354820	CARBON RESISTOR (CHIP)	82.0 D 1608	チ	ッ	ブ 抵 抗			01
R632	RF454750	CARBON RESISTOR (CHIP)	75.0 D RECT.	チ	ッ	ブ 抵 抗			
R633	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R634	RF354820	CARBON RESISTOR (CHIP)	82.0 D 1608	チ	ッ	ブ 抵 抗			01
R639	RD456220	CARBON RESISTOR (CHIP)	2.2K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R700	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R701	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R702	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R703	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R704	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R705	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R706	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R707	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R708	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R711	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R712	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R713	RD455100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R715	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R716	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ 抵 抗			01
R717	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ 抵 抗			01
R718	RD454470	CARBON RESISTOR (CHIP)	47.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R900	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
-923	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
RA4	WH206600	RESISTOR ARRAY	68 X 4	抵	抗	ア レ イ			01
-11	WH206600	RESISTOR ARRAY	68 X 4	抵	抗	ア レ イ			01
RA12	WH209400	RESISTOR ARRAY	1.0K X 4	抵	抗	ア レ イ			01
RA15	WH206600	RESISTOR ARRAY	68 X 4	抵	抗	ア レ イ			01
RA20	WH206600	RESISTOR ARRAY	68 X 4	抵	抗	ア レ イ			01
RA22	WH206600	RESISTOR ARRAY	68 X 4	抵	抗	ア レ イ			01
RA23	WH206600	RESISTOR ARRAY	68 X 4	抵	抗	ア レ イ			01
RA27	WH206600	RESISTOR ARRAY	68 X 4	抵	抗	ア レ イ			01
RA28	WH206600	RESISTOR ARRAY	68 X 4	抵	抗	ア レ イ			01
RA30	WH206600	RESISTOR ARRAY	68 X 4	抵	抗	ア レ イ			01
RA31	WH206600	RESISTOR ARRAY	68 X 4	抵	抗	ア レ イ			01
* RA32	WH205600	RESISTOR ARRAY	27 X 4	抵	抗	ア レ イ			01
RA33	WH213400	RESISTOR ARRAY	47K X 4	抵	抗	ア レ イ			01
RA34	WH206600	RESISTOR ARRAY	68 X 4	抵	抗	ア レ イ			01
RA35	WH206600	RESISTOR ARRAY	68 X 4	抵	抗	ア レ イ			01
* RA36	WH205600	RESISTOR ARRAY	27 X 4	抵	抗	ア レ イ			01
RA37	WH213400	RESISTOR ARRAY	47K X 4	抵	抗	ア レ イ			01
* RA38	WH205600	RESISTOR ARRAY	27 X 4	抵	抗	ア レ イ			01
* RA39	WH205600	RESISTOR ARRAY	27 X 4	抵	抗	ア レ イ			01
RA42	WH213400	RESISTOR ARRAY	47K X 4	抵	抗	ア レ イ			01
RA43	WH206600	RESISTOR ARRAY	68 X 4	抵	抗	ア レ イ			01
RA44	WH211800	RESISTOR ARRAY	10K X 4	抵	抗	ア レ イ			01
* RA45	WH205600	RESISTOR ARRAY	27 X 4	抵	抗	ア レ イ			01
RA46	WH206600	RESISTOR ARRAY	68 X 4	抵	抗	ア レ イ			01
RA47	WH213400	RESISTOR ARRAY	47K X 4	抵	抗	ア レ イ			01
RA48	WH211800	RESISTOR ARRAY	10K X 4	抵	抗	ア レ イ			01
RA49	WH211000	RESISTOR ARRAY	4.7K X 4	抵	抗	ア レ イ			01
* RA54	WH205600	RESISTOR ARRAY	27 X 4	抵	抗	ア レ イ			01
RA55	WH205600	RESISTOR ARRAY	27 X 4	抵	抗	ア レ イ			01
* RA60	WH205600	RESISTOR ARRAY	27 X 4	抵	抗	ア レ イ			01
* RA61	WH205600	RESISTOR ARRAY	27 X 4	抵	抗	ア レ イ			01
RA62	WH207000	RESISTOR ARRAY	100 X 4	抵	抗	ア レ イ			01
-69	WH207000	RESISTOR ARRAY	100 X 4	抵	抗	ア レ イ			01
* RA70	WH205600	RESISTOR ARRAY	27 X 4	抵	抗	ア レ イ			01
* -73	WH205600	RESISTOR ARRAY	27 X 4	抵	抗	ア レ イ			01
RA74	WH206600	RESISTOR ARRAY	68 X 4	抵	抗	ア レ イ			01
-77	WH206600	RESISTOR ARRAY	68 X 4	抵	抗	ア レ イ			01
* RA78	WH205600	RESISTOR ARRAY	27 X 4	抵	抗	ア レ イ			01
* -81	WH205600	RESISTOR ARRAY	27 X 4	抵	抗	ア レ イ			01
RA82	WH206600	RESISTOR ARRAY	68 X 4	抵	抗	ア レ イ			01
-85	WH206600	RESISTOR ARRAY	68 X 4	抵	抗	ア レ イ			01
* RA216	WH205600	RESISTOR ARRAY	27 X 4	抵	抗	ア レ イ			01
* -223	WH205600	RESISTOR ARRAY	27 X 4	抵	抗	ア レ イ			01
RA224	WH206600	RESISTOR ARRAY	68 X 4	抵	抗	ア レ イ			01
-228	WH206600	RESISTOR ARRAY	68 X 4	抵	抗	ア レ イ			01
RA229	WH211800	RESISTOR ARRAY	10K X 4	抵	抗	ア レ イ			01

\*: New Parts

RANK: Japan only

## DMH

REF NO.	PART NO.	DESCRIPTION		部 品 名	REMARKS	QTY	RANK
RA234	WH211800	RESISTOR ARRAY	10K X 4	抵抗 アレイ			01
RA235	WH211800	RESISTOR ARRAY	10K X 4	抵抗 アレイ			01
RA315	WH214200	RESISTOR ARRAY	100K X 4	抵抗 アレイ			01
-319	WH214200	RESISTOR ARRAY	100K X 4	抵抗 アレイ			01
RA320	WH211800	RESISTOR ARRAY	10K X 4	抵抗 アレイ			01
RA321	WH206200	RESISTOR ARRAY	47 X 4	抵抗 アレイ			01
-324	WH206200	RESISTOR ARRAY	47 X 4	抵抗 アレイ			01
RA325	WH206600	RESISTOR ARRAY	68 X 4	抵抗 アレイ			01
-355	WH206600	RESISTOR ARRAY	68 X 4	抵抗 アレイ			01
RA600	WH216700	RESISTOR ARRAY	0 X 4	抵抗 アレイ			01
-602	WH216700	RESISTOR ARRAY	0 X 4	抵抗 アレイ			01
RA605	WH216700	RESISTOR ARRAY	0 X 4	抵抗 アレイ			01
RA606	WH216700	RESISTOR ARRAY	0 X 4	抵抗 アレイ			01
* RA609	WH205600	RESISTOR ARRAY	27 X 4	抵抗 アレイ			01
* -612	WH205600	RESISTOR ARRAY	27 X 4	抵抗 アレイ			01
RA613	WH206600	RESISTOR ARRAY	68 X 4	抵抗 アレイ			01
-619	WH206600	RESISTOR ARRAY	68 X 4	抵抗 アレイ			01
* RA700	WH205600	RESISTOR ARRAY	27 X 4	抵抗 アレイ			01
* RA701	WH205600	RESISTOR ARRAY	27 X 4	抵抗 アレイ			01
* RA704	WH205600	RESISTOR ARRAY	27 X 4	抵抗 アレイ			01
* RA705	WH205600	RESISTOR ARRAY	27 X 4	抵抗 アレイ			01
RA708	WH211800	RESISTOR ARRAY	10K X 4	抵抗 アレイ			01
RA709	WH211800	RESISTOR ARRAY	10K X 4	抵抗 アレイ			01
* RA710	WH205600	RESISTOR ARRAY	27 X 4	抵抗 アレイ			01
* RA711	WH205600	RESISTOR ARRAY	27 X 4	抵抗 アレイ			01
RA712	WH211800	RESISTOR ARRAY	10K X 4	抵抗 アレイ			01
-714	WH211800	RESISTOR ARRAY	10K X 4	抵抗 アレイ			01
* RA715	WH205600	RESISTOR ARRAY	27 X 4	抵抗 アレイ			01
TA600	V273190R	TRANSISTOR (PAIR)	IMX9	ヘアトランジスター			01
X1	WH521200	QUARTZ CRYSTAL UNIT	48MHz SG-310SCF	水晶振動器			04
* X2	WM285200	RESONATOR QUARTZ	16.000MHz DSX321G	水晶振動子			03
X200	WM135200	RESONATOR QUARTZ	16.9344MHz DSX321G	水晶振動子			03
* X300	WQ341600	RESONATOR QUARTZ	11.2896MHz DSO321SR	水晶発振器			01
* X600	WQ282500	RESONATOR QUARTZ	25.175MHz DSX321G	水晶振動子			01
X601	WM285000	QUARTZ CRYSTAL UNIT	14.31818MHz DSX321G	水晶振動子			02
X602	WM285100	QUARTZ CRYSTAL UNIT	17.734475MHz DSX321G	水晶振動子			02
* X700	WM285200	RESONATOR QUARTZ	16.000MHz DSX321G	水晶振動子			01
C1	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ (BJ)			01
C2	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ (BJ)			01
C4	UF12847R	ELECTROLYTIC CAPACITOR(CHIP)	470 10V	チップケミコン			02
C5	UF12847R	ELECTROLYTIC CAPACITOR(CHIP)	470 10V	チップケミコン			02
C7	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン			01
C8	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ (BJ)			01
-17	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ (BJ)			01
C20	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン			01
C21	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン			01
C22	US634100	CERAMIC CAPACITOR (CHIP)	0.010 16V K RECT.	チップセラ (B)			01
C23	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ (BJ)			01
C24	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン			01
C25	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ (BJ)			01
-27	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ (BJ)			01
C29	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ (BJ)			01
C30	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ (BJ)			01
C31	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン			01
C32	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ (BJ)			01
C34	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ (BJ)			01
C36	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン			01
C39	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ (BJ)			01
-43	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ (BJ)			01
C46	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ (BJ)			01
C48	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ (BJ)			01
C49	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン			01
C50	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ (BJ)			01
-52	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ (BJ)			01
C55	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン			01
C56	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ (BJ)			01
C64	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ (BJ)			01
C65	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ (BJ)			01
C73	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン			01
C77	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ (BJ)			01

\*: New Parts

RANK: Japan only

DMH

REF NO.	PART NO.	DESCRIPTION	部 品 名	REMARKS	QTY	RANK
C80	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C93	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C94	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C96	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C98	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C100	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C101	US663100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チップセラ ( B )		01
C102	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
-105	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C108	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C112	US634100	CERAMIC CAPACITOR (CHIP)	0.010 16V K RECT.	チップセラ ( B )		01
C116	US634100	CERAMIC CAPACITOR (CHIP)	0.010 16V K RECT.	チップセラ ( B )		01
C117	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C118	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C121	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C122	US662100	CERAMIC CAPACITOR (CHIP)	100P 50V J RECT.	チップセラ ( C H )		01
C124	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C130	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C139	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C141	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C143	UF03810R	ELECTROLYTIC CAPACITOR(CHIP)	100 16V	チップケミコン		01
C144	UF03810R	ELECTROLYTIC CAPACITOR(CHIP)	100 16V	チップケミコン		01
C145	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
-147	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C149	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C150	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C152	UF03810R	ELECTROLYTIC CAPACITOR(CHIP)	100 16V	チップケミコン		01
C154	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C200	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C201	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C202	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C203	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C219	US634100	CERAMIC CAPACITOR (CHIP)	0.010 16V K RECT.	チップセラ ( B )		01
C220	US662470	CERAMIC CAPACITOR (CHIP)	470P 50V K RECT.	チップセラ ( B )		01
C224	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C225	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C226	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
-270	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C286	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C300	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C301	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C302	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C303	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C304	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C305	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C311	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C312	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C313	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C323	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C325	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C326	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C332	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C333	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C334	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
-367	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C372	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
-399	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C407	UF037100	ELECTROLYTIC CAPACITOR(CHIP)	10 16V	チップケミコン		01
C420	UF037100	ELECTROLYTIC CAPACITOR(CHIP)	10 16V	チップケミコン		01
C425	UF037100	ELECTROLYTIC CAPACITOR(CHIP)	10 16V	チップケミコン		01
-428	UF037100	ELECTROLYTIC CAPACITOR(CHIP)	10 16V	チップケミコン		01
C429	UF06610R	ELECTROLYTIC CAPACITOR(CHIP)	1 50V	チップケミコン		01
C469	UF03810R	ELECTROLYTIC CAPACITOR(CHIP)	100 16V	チップケミコン		01
C472	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C482	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C484	UF03747R	ELECTROLYTIC CAPACITOR(CHIP)	47 16V	チップケミコン		01
C485	UF06610R	ELECTROLYTIC CAPACITOR(CHIP)	1 50V	チップケミコン		01
C486	UF03810R	ELECTROLYTIC CAPACITOR(CHIP)	100 16V	チップケミコン		01
C488	UF03810R	ELECTROLYTIC CAPACITOR(CHIP)	100 16V	チップケミコン		01
C506	UF037100	ELECTROLYTIC CAPACITOR(CHIP)	10 16V	チップケミコン		01

\*: New Parts

RANK: Japan only

## DMH

REF NO.	PART NO.	DESCRIPTION	部 品 名	REMARKS	QTY	RANK
C513	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C514	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C607	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C608	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
-611	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C612	US661680	CERAMIC CAPACITOR (CHIP)	68P 50V J RECT.	チップセラ ( C H )		
C613	US663150	CERAMIC CAPACITOR (CHIP)	1500P 50V K RECT.	チップセラ ( B )		
C614	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C615	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C616	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C617	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C619	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C620	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C622	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C623	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C635	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
-637	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C639	US661470	CERAMIC CAPACITOR (CHIP)	47P 50V J RECT.	チップセラ ( C H )		01
C640	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C641	US660500	CERAMIC CAPACITOR (CHIP)	5P 50V C RECT.	チップセラ ( C H )		
C642	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C643	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
-646	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C649	US661150	CERAMIC CAPACITOR (CHIP)	15P 50V J RECT.	チップセラ ( C H )		
C650	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C652	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C653	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C700	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C701	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C702	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C703	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C704	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
-707	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C710	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
-718	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C800	UF037100	ELECTROLYTIC CAPACITOR(CHIP)	10 16V	チップケミコン		01
C801	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C806	US661150	CERAMIC CAPACITOR (CHIP)	15P 50V J RECT.	チップセラ ( C H )		
C807	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C808	US661150	CERAMIC CAPACITOR (CHIP)	15P 50V J RECT.	チップセラ ( C H )		
C809	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C810	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C811	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C815	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C903	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
-907	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C910	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C911	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C915	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C916	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C924	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C927	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C930	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C931	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C947	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C951	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
C954	US625100	CERAMIC CAPACITOR (CHIP)	0.100 10V K RECT.	チップセラ ( B J )		01
CN1	VT388600	CONNECTOR	PH 5P TE	ベース付ポスト		01
CN2	VT388500	CONNECTOR	PH 4P TE	ベース付ポスト		01
CN6	WB560200	CONNECTOR	ZH 7P TE	ベースピン		01
CN8	VT388600	CONNECTOR	PH 5P TE	ベース付ポスト		01
CN9	WB560800	CONNECTOR	ZH 13P TE	ベースピン		02
CN10	V956070R	CONNECTOR	52808 25P TE	FFC/FPCコネクタ		02
CN12	VT388700	CONNECTOR	PH 6P TE	ベース付ポスト		01
CN13	WB560300	CONNECTOR	ZH 8P TE	ベースピン		01
CN401	WB560400	CONNECTOR	ZH 9P TE	ベースピン		01
CN403	VT388600	CONNECTOR	PH 5P TE	ベース付ポスト		01
CN601	VT388300	CONNECTOR	PH 2P TE	ベース付ポスト		01
CN800	VT388900	CONNECTOR	PH 8P TE	ベース付ポスト		01
D1	VS20110R	DIODE	D1F60 1A 600V TP	チップダイオード		01

\*: New Parts

RANK: Japan only

DMH

REF NO.	PART NO.	DESCRIPTION		部 品 名	REMARKS	QTY	RANK
D200	VS20110R	DIODE	D1F60 1A 600V TP	チップダイオード			01
D300	VS20110R	DIODE	D1F60 1A 600V TP	チップダイオード			01
D700	VS20110R	DIODE	D1F60 1A 600V TP	チップダイオード			01
DA1	V9424900	DIODE ARRAY	TE85L	ダイオードアレイ			01
DA2	V9424900	DIODE ARRAY	TE85L	ダイオードアレイ			01
DA4	V9424900	DIODE ARRAY	TE85L	ダイオードアレイ			01
DA6	V9424900	DIODE ARRAY	TE85L	ダイオードアレイ			01
IC1	X6688A0R	IC	SN74LV14APWR	I	C INVERTER		01
IC2	X6512C00	IC	K4S561632J-UC75000	I	C SDRAM 256M		07
IC4	X9460A00	IC	R1172H181B-T1-F	I	C REGULATOR +1.8V		03
IC5	X9347A00	IC	R3112N291A-TR-F	I	C VOLTAGE DETECTOR		01
IC6	X6512C00	IC	K4S561632J-UC75000	I	C SDRAM 256M		07
IC10	XR680A00	IC	TC7SH08FU(TE85L,JF	I	C AND		01
IC11	X5542A00	IC	TC74VHC21FT(EL)	I	C AND		01
* IC24	YA442C00	IC	S29GL256P90TFCR20	I	C FLASH ROM 256M PROG.H		
* IC25	YA441C00	IC	S29GL256P90TFCR20	I	C FLASH ROM 256M PROG.L		
IC26	--	IC	MX29LV320DBTI-70G	I	C FLASH ROM 32M BACKUP (X8095B0)		
IC27	X6155A0R	IC	PCA9564PW,118-PBF	I	C E-BUS CONTROLLER		07
IC29	X4212A0R	IC	SN75LVDS84ADGGR	I	C LVDS TRANSMITTERS		05
IC31	X3865A0R	IC	SN74LV126APWR	I	C BUFFER		
IC33	X7950A00	IC	BD6516F-E2	I	C HIGH SIDE SWITCH		03
IC200	X9292A00	IC	R1172H121D-T1-F	I	C REGULATOR +1.2V		01
IC201	X4195A0R	IC	S1L50553F21Y000	I	C GATE ARRAY		05
IC203	X0176C00	IC	W9864G2GH-7	I	C SDRAM 64M		06
* IC204	YA452A00	IC	MX29LV160DBTI-70G	I	C FLASH ROM 16M BOOT		
IC300	X9293A00	IC	R1172H151D-T1-F	I	C REGULATOR +1.5V		01
* IC301	YA457100	IC	MR26V51252R-107TA0	I	C WAVE ROM_H		
IC304	XY806A0R	IC	TC7WH14FU(TE12L,F)	I	C INVERTER		02
IC305	X5535A00	IC	SN74LV175APWR	I	C D-FF		01
IC306	X0176C00	IC	W9864G2GH-7	I	C SDRAM 64M		06
IC307	XR680A00	IC	TC7SH08FU(TE85L,JF	I	C AND		01
* IC308	YA456100	IC	MR26V51252R-106TA0	I	C WAVE ROM_L		
IC412	XS534A00	IC	NJM78M05DL1A	I	C REGULATOR +5V		02
IC604	X6536A0R	IC	TC74ACT74FT(EL)	I	C D-FF		02
IC606	X2314A00	IC	MB3516APF-G-BND-EF	I	C RGB ENCODER		04
IC607	X2590C00	IC	W9816G6IH-7	I	C SDRAM 16M		
* IC700	YA054A00	IC	R1172H161D-T1-F	I	C REGULATOR +1.6V		
IC800	X7029A00	IC	DM9000AEP	I	C LAN CONTROLLER		09
L2	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗			01
L4	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗			01
L6	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗			01
L7	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗			01
L9	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗			01
L11	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗			01
L15	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗			01
L17	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗			01
L19	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗			01
L31	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗			01
-34	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗			01
L35	WQ266500	COIL INDUCTOR	BLM18EG221SN1D	チ ッ プ イ ン ダ ク タ			
L36	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗			01
L43	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗			01
L44	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗			01
L46	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ ッ プ 抵 抗			01
-49	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ ッ プ 抵 抗			01
L52	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ ッ プ 抵 抗			01
-54	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ ッ プ 抵 抗			01
L55	WE863900	COIL INDUCTANCE CHIP	DLP11SN900HL2L 1	コ モ ン モ ー ド コ イ ル			
L56	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗			01
L59	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗			01
L60	RD45522R	CARBON RESISTOR (CHIP)	220.0 63M J RECT.	チ ッ プ 抵 抗			01
-67	RD45522R	CARBON RESISTOR (CHIP)	220.0 63M J RECT.	チ ッ プ 抵 抗			01
L72	WQ266500	COIL INDUCTOR	BLM18EG221SN1D	チ ッ プ イ ン ダ ク タ			
L74	WE863900	COIL INDUCTANCE CHIP	DLP11SN900HL2L 1	コ モ ン モ ー ド コ イ ル			
L75	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗			01
L202	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗			01
L203	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗			01
L206	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗			01
L304	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗			01
L306	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗			01

\*: New Parts

RANK: Japan only



## DMH

REF NO.	PART NO.	DESCRIPTION		部	品	名	REMARKS	QTY	RANK
-309	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵 抗		01
L312	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵 抗		01
L603	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵 抗		01
-605	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵 抗		01
L608	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵 抗		01
-610	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵 抗		01
L701	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵 抗		01
L800	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵 抗		01
L802	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵 抗		01
R1	RD456100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01
R7	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ	抵 抗		01
R11	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01
R17	RD454330	CARBON RESISTOR (CHIP)	33.0 63M J RECT.	チ	ッ	ブ	抵 抗		01
-19	RD454330	CARBON RESISTOR (CHIP)	33.0 63M J RECT.	チ	ッ	ブ	抵 抗		01
R22	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ	抵 抗		01
R27	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01
R31	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ	ッ	ブ	抵 抗		01
R32	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ	抵 抗		01
R58	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01
R59	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01
R75	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ	抵 抗		01
R77	RD455100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チ	ッ	ブ	抵 抗		01
R88	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ	抵 抗		01
R90	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ	抵 抗		01
R91	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ	抵 抗		01
R93	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ	抵 抗		01
R95	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ	抵 抗		01
-98	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ	抵 抗		01
R100	RD456100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01
R101	RD455100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チ	ッ	ブ	抵 抗		01
R104	RD457150	CARBON RESISTOR (CHIP)	15.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01
R106	RD457220	CARBON RESISTOR (CHIP)	22.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01
R108	RD457150	CARBON RESISTOR (CHIP)	15.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01
R111	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ	抵 抗		01
-114	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ	抵 抗		01
R116	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ	抵 抗		01
R120	RD456100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01
R123	RD456100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01
-125	RD456100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01
R127	RD457150	CARBON RESISTOR (CHIP)	15.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01
R130	RD457150	CARBON RESISTOR (CHIP)	15.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01
R131	RD45522R	CARBON RESISTOR (CHIP)	220.0 63M J RECT.	チ	ッ	ブ	抵 抗		01
R132	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01
R135	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01
R136	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵 抗		01
-138	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ	ッ	ブ	抵 抗		01
R142	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ	抵 抗		01
R144	RD45615R	CARBON RESISTOR (CHIP)	1.5K 63M J RECT.	チ	ッ	ブ	抵 抗		01
R145	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01
R148	RD45615R	CARBON RESISTOR (CHIP)	1.5K 63M J RECT.	チ	ッ	ブ	抵 抗		01
R150	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01
R152	RD456100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01
R153	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01
R157	RD458100	CARBON RESISTOR (CHIP)	100.0K 63M J RECT.	チ	ッ	ブ	抵 抗		01
R158	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ	抵 抗		01
R159	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ	抵 抗		01
R169	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ	抵 抗		01
R171	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ	抵 抗		01
R172	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ	抵 抗		01
R200	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ	抵 抗		01
-202	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ	抵 抗		01
R207	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ	抵 抗		01
R209	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ	抵 抗		01
R211	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ	ッ	ブ	抵 抗		01
R212	RD454470	CARBON RESISTOR (CHIP)	47.0 63M J RECT.	チ	ッ	ブ	抵 抗		01
R214	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ	抵 抗		01
R215	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ	抵 抗		01
R216	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ	抵 抗		01
R217	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ	ッ	ブ	抵 抗		01
R218	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ	抵 抗		01

\*: New Parts

RANK: Japan only

DMH

REF NO.	PART NO.	DESCRIPTION		部	品	名	REMARKS	QTY	RANK
R225	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R227	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R229	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
-234	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R240	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
-243	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R244	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R247	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R251	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
-253	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R259	RD456100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R261	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R262	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R264	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R266	RD454470	CARBON RESISTOR (CHIP)	47.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R267	RD454470	CARBON RESISTOR (CHIP)	47.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R268	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
-271	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R272	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R273	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R279	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R287	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R306	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R326	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
-328	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R331	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ 抵 抗			01
R336	RD454470	CARBON RESISTOR (CHIP)	47.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R337	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R338	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R339	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R442	RD456470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ 抵 抗			01
-445	RD456470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R501	RD456270	CARBON RESISTOR (CHIP)	2.7K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R502	RD456470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R504	RD456470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R505	RD456470	CARBON RESISTOR (CHIP)	4.7K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R613	RF35668R	CARBON RESISTOR (CHIP)	6.8K D 1608	チ	ッ	ブ 抵 抗			01
R614	RD45747R	CARBON RESISTOR (CHIP)	47.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R635	RF454750	CARBON RESISTOR (CHIP)	75.0 D RECT.	チ	ッ	ブ 抵 抗			01
-637	RF454750	CARBON RESISTOR (CHIP)	75.0 D RECT.	チ	ッ	ブ 抵 抗			01
R638	RD455560	CARBON RESISTOR (CHIP)	560.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R640	RD456220	CARBON RESISTOR (CHIP)	2.2K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R643	RF454750	CARBON RESISTOR (CHIP)	75.0 D RECT.	チ	ッ	ブ 抵 抗			01
R644	RD454470	CARBON RESISTOR (CHIP)	47.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R709	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R710	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R800	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ 抵 抗			01
R801	RD45000R	CARBON RESISTOR (CHIP)	0.00 63M J RECT.	チ	ッ	ブ 抵 抗			01
R802	RD45427R	CARBON RESISTOR (CHIP)	27.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R803	RF355100	CARBON RESISTOR (CHIP)	100.0 D 1608	チ	ッ	ブ 抵 抗			01
-806	RF355100	CARBON RESISTOR (CHIP)	100.0 D 1608	チ	ッ	ブ 抵 抗			01
R807	RF35668R	CARBON RESISTOR (CHIP)	6.8K D 1608	チ	ッ	ブ 抵 抗			01
R808	RF355100	CARBON RESISTOR (CHIP)	100.0 D 1608	チ	ッ	ブ 抵 抗			01
-811	RF355100	CARBON RESISTOR (CHIP)	100.0 D 1608	チ	ッ	ブ 抵 抗			01
R812	RD45522R	CARBON RESISTOR (CHIP)	220.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R813	RD457100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ	ッ	ブ 抵 抗			01
R814	RD454680	CARBON RESISTOR (CHIP)	68.0 63M J RECT.	チ	ッ	ブ 抵 抗			01
R815	RF355150	CARBON RESISTOR (CHIP)	150.0 D 1608	チ	ッ	ブ 抵 抗			01
R816	RF355150	CARBON RESISTOR (CHIP)	150.0 D 1608	チ	ッ	ブ 抵 抗			01
* RA1	WH205600	RESISTOR ARRAY	27 X 4	抵	抗	ア レ イ			01
* RA13	WH205600	RESISTOR ARRAY	27 X 4	抵	抗	ア レ イ			01
* RA14	WH205600	RESISTOR ARRAY	27 X 4	抵	抗	ア レ イ			01
* RA16	WH205600	RESISTOR ARRAY	27 X 4	抵	抗	ア レ イ			01
* RA19	WH205600	RESISTOR ARRAY	27 X 4	抵	抗	ア レ イ			01
* RA21	WH205600	RESISTOR ARRAY	27 X 4	抵	抗	ア レ イ			01
* RA24	WH205600	RESISTOR ARRAY	27 X 4	抵	抗	ア レ イ			01
* RA29	WH205600	RESISTOR ARRAY	27 X 4	抵	抗	ア レ イ			01
RA86	WH216700	RESISTOR ARRAY	0 X 4	抵	抗	ア レ イ			01
RA93	WH216700	RESISTOR ARRAY	0 X 4	抵	抗	ア レ イ			01
-95	WH216700	RESISTOR ARRAY	0 X 4	抵	抗	ア レ イ			01

\*: New Parts

RANK: Japan only

DMH and EIF/ENC/LANL/LVDS/MOD/PB/PNCA/PNCB

REF NO.	PART NO.	DESCRIPTION		部 品 名	REMARKS	QTY	RANK
RA102	WH216700	RESISTOR ARRAY	0 X 4	抵 抗 ア レ イ			01
RA103	WH216700	RESISTOR ARRAY	0 X 4	抵 抗 ア レ イ			01
* RA126	WH205600	RESISTOR ARRAY	27 X 4	抵 抗 ア レ イ			
* -139	WH205600	RESISTOR ARRAY	27 X 4	抵 抗 ア レ イ			
RA208	WH206600	RESISTOR ARRAY	68 X 4	抵 抗 ア レ イ			01
-211	WH206600	RESISTOR ARRAY	68 X 4	抵 抗 ア レ イ			01
* RA212	WH205600	RESISTOR ARRAY	27 X 4	抵 抗 ア レ イ			
* -215	WH205600	RESISTOR ARRAY	27 X 4	抵 抗 ア レ イ			
RA230	WH211800	RESISTOR ARRAY	10K X 4	抵 抗 ア レ イ			01
RA243	WH206200	RESISTOR ARRAY	47 X 4	抵 抗 ア レ イ			01
RA244	WH206200	RESISTOR ARRAY	47 X 4	抵 抗 ア レ イ			01
RA245	WH206600	RESISTOR ARRAY	68 X 4	抵 抗 ア レ イ			01
RA246	WH206600	RESISTOR ARRAY	68 X 4	抵 抗 ア レ イ			01
RA247	WH206200	RESISTOR ARRAY	47 X 4	抵 抗 ア レ イ			01
RA248	WH206200	RESISTOR ARRAY	47 X 4	抵 抗 ア レ イ			01
RA249	WH206600	RESISTOR ARRAY	68 X 4	抵 抗 ア レ イ			01
-252	WH206600	RESISTOR ARRAY	68 X 4	抵 抗 ア レ イ			01
RA253	WH206200	RESISTOR ARRAY	47 X 4	抵 抗 ア レ イ			01
RA254	WH206200	RESISTOR ARRAY	47 X 4	抵 抗 ア レ イ			01
RA255	WH206600	RESISTOR ARRAY	68 X 4	抵 抗 ア レ イ			01
RA256	WH206200	RESISTOR ARRAY	47 X 4	抵 抗 ア レ イ			01
RA257	WH206200	RESISTOR ARRAY	47 X 4	抵 抗 ア レ イ			01
RA307	WH206600	RESISTOR ARRAY	68 X 4	抵 抗 ア レ イ			01
-310	WH206600	RESISTOR ARRAY	68 X 4	抵 抗 ア レ イ			01
RA356	WH206600	RESISTOR ARRAY	68 X 4	抵 抗 ア レ イ			01
-367	WH206600	RESISTOR ARRAY	68 X 4	抵 抗 ア レ イ			01
RA620	WH206600	RESISTOR ARRAY	68 X 4	抵 抗 ア レ イ			01
-623	WH206600	RESISTOR ARRAY	68 X 4	抵 抗 ア レ イ			01
* RA804	WH205600	RESISTOR ARRAY	27 X 4	抵 抗 ア レ イ			
* -807	WH205600	RESISTOR ARRAY	27 X 4	抵 抗 ア レ イ			
T800	WM227600	PULSE TRANSFORMER	S558-5999-U7-F	パ ル ス ト ラ ン ス			05
X800	WM135400	RESONATOR QUARTZ	25MHz DSX321G	水 晶 振 動 子			03
*	WR338100	CIRCUIT BOARD	EIF	E I F シ ー ト	(WQ70870)(YA394C0)		
*	WR338500	CIRCUIT BOARD	ENC	E N C シ ー ト	(WQ70870)(YA394C0)		
*	WR337500	CIRCUIT BOARD	LANL	L A N L シ ー ト	(WQ70870)(YA394C0)		
*	WR338300	CIRCUIT BOARD	LVDS	L V D S シ ー ト	(WQ70870)(YA394C0)		
*	WR339300	CIRCUIT BOARD	MOD	M O D シ ー ト	(WQ70870)(YA394C0)		
*	WR339100	CIRCUIT BOARD	PB	P B シ ー ト	(WQ70870)(YA394C0)		
*	WR338700	CIRCUIT BOARD	PNCA	P N C A シ ー ト	(WQ70870)(YA394C0)		
*	WR338900	CIRCUIT BOARD	PNCB	P N C B シ ー ト	(WQ70870)(YA394C0)		
EC401	VU48130R	ENCODER	REB161(9X5)PVB15FH	1 6 形 エ ン コ ー ダ	Data entry		03
JK801	WB55680R	CONNECTOR	AJ-008SH-8-F-4-B1	モ ジ ュ ラ ー ジャ ッ ク	LAN		03
VR501	VZ48630R	ROTARY VR	B10K EVJ05DF20B14	ロ ー タ リ ー V R	PITCH BEND		03
VR601	VZ48630R	ROTARY VR	B10K EVJ05DF20B14	ロ ー タ リ ー V R	MODULATION		03
C002	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗			01
C201	US065100	CERAMIC CAPACITOR (CHIP)	0.100 50V Z RECT.	チ ッ プ セ ラ F			01
-206	US065100	CERAMIC CAPACITOR (CHIP)	0.100 50V Z RECT.	チ ッ プ セ ラ F			01
C207	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )			01
-214	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )			01
C216	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )			01
C217	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )			01
C219	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )			01
C220	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )			01
C221	US065100	CERAMIC CAPACITOR (CHIP)	0.100 50V Z RECT.	チ ッ プ セ ラ F			01
C222	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )			01
-226	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )			01
C227	US065100	CERAMIC CAPACITOR (CHIP)	0.100 50V Z RECT.	チ ッ プ セ ラ F			01
C230	US063100	CERAMIC CAPACITOR (CHIP)	1000P 50V K RECT.	チ ッ プ セ ラ ( B )			01
C231	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )			01
C232	US064100	CERAMIC CAPACITOR (CHIP)	0.0100 50V K RECT.	チ ッ プ セ ラ ( B )			01
C233	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )			01
C234	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )			01
-250	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )			01
C252	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )			01
C253	US062470	CERAMIC CAPACITOR (CHIP)	470P 50V J RECT.	チ ッ プ セ ラ ( S L )			01
C268	US062680	CERAMIC CAPACITOR (CHIP)	680P 50V J RECT.	チ ッ プ セ ラ ( S L )			01
C280	US065100	CERAMIC CAPACITOR (CHIP)	0.100 50V Z RECT.	チ ッ プ セ ラ F			01
C901	US065100	CERAMIC CAPACITOR (CHIP)	0.100 50V Z RECT.	チ ッ プ セ ラ F			01
-904	US065100	CERAMIC CAPACITOR (CHIP)	0.100 50V Z RECT.	チ ッ プ セ ラ F			01

\*: New Parts

RANK: Japan only

EIF/ENC/LANL/LVDS/MOD/PB/PNCA/PNCB

REF NO.	PART NO.	DESCRIPTION	部 品 名	REMARKS	QTY	RANK
C905	US061330	CERAMIC CAPACITOR (CHIP)	33P 50V J RECT.	チップセラ (CH)		01
C906	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チップ積層セラコン		01
C907	US065100	CERAMIC CAPACITOR (CHIP)	0.100 50V Z RECT.	チップセラ F		01
C911	US065100	CERAMIC CAPACITOR (CHIP)	0.100 50V Z RECT.	チップセラ F		01
C912	US065100	CERAMIC CAPACITOR (CHIP)	0.100 50V Z RECT.	チップセラ F		01
C920	US061330	CERAMIC CAPACITOR (CHIP)	33P 50V J RECT.	チップセラ (CH)		01
-922	US061330	CERAMIC CAPACITOR (CHIP)	33P 50V J RECT.	チップセラ (CH)		01
CN001	V9335000	CONNECTOR	52808 21P TE	FFC/FPCコネクタ		01
CN002	WC195100	CONNECTOR	52808 13P TE	FFC/FPCコネクタ		
CN101	WC195100	CONNECTOR	52808 13P TE	FFC/FPCコネクタ		
CN201	VT388700	CONNECTOR	PH 6P TE	ベース付ポスト		01
CN202	WC194500	CONNECTOR	52808 6P TE	FFC/FPCコネクタ		
CN204	WC19960R	CONNECTOR	52808 23P TE	FFC/FPCコネクタ		02
CN205	V9335000	CONNECTOR	52808 21P TE	FFC/FPCコネクタ		01
CN206	V647890R	CONNECTOR	52808 26P TE	FFC/FPCコネクタ		01
CN209	WB560300	CONNECTOR	ZH 8P TE	ベースピン		
CN210	WB560100	CONNECTOR	ZH 6P TE	ベースピン		01
CN401	VT388400	CONNECTOR	PH 3P TE	ベース付ポスト		01
CN501	VT388400	CONNECTOR	PH 3P TE	ベース付ポスト		01
CN601	VT388500	CONNECTOR	PH 4P TE	ベース付ポスト		01
D001	WG139300	DIODE	KDS4148U-RTK/P	ダイオード		
-036	WG139300	DIODE	KDS4148U-RTK/P	ダイオード		
D101	WG139300	DIODE	KDS4148U-RTK/P	ダイオード		
-112	WG139300	DIODE	KDS4148U-RTK/P	ダイオード		
D201	WG139300	DIODE	KDS4148U-RTK/P	ダイオード		
-204	WG139300	DIODE	KDS4148U-RTK/P	ダイオード		
D211	V2376600	DIODE	RB500V-40 TAPING	ショットキダイオード		01
IC202	X7371A00	IC	MC34063EBD-TR	IC	DC-DC CONVERTER	03
L201	WE05620R	EMI FILTER (CHIP)	NFM21PC105B1A3D	エミフィルチップ		01
L901	WQ266500	COIL INDUCTOR	BLM18EG221SN1D	チップインダクタ		
R003	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チップ抵抗		01
R004	RD150000	CARBON RESISTOR (CHIP)	0.0 1/4 J TP	チップ抵抗		01
R101	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗		01
R102	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗		01
R103	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗		01
R104	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗		01
R105	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗		01
R106	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗		01
R107	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗		01
R108	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗		01
R109	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗		01
R110	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗		01
R111	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗		01
R112	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗		01
R113	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗		01
R114	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗		01
R115	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗		01
R116	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗		01
R201	RD356100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チップ抵抗		01
R202	RD356100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チップ抵抗		01
R204	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗		01
R205	RD15510R	CARBON RESISTOR (CHIP)	100.0 1/4 J TP	チップ抵抗		01
-213	RD15510R	CARBON RESISTOR (CHIP)	100.0 1/4 J TP	チップ抵抗		01
R215	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チップ抵抗		01
R216	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チップ抵抗		01
R217	RD359100	CARBON RESISTOR (CHIP)	1.0M 63M J RECT.	チップ抵抗		01
R219	RD355220	CARBON RESISTOR (CHIP)	220.0 63M J RECT.	チップ抵抗		01
R220	RD355220	CARBON RESISTOR (CHIP)	220.0 63M J RECT.	チップ抵抗		01
R229	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チップ抵抗		01
R231	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チップ抵抗		01
R233	RD15510R	CARBON RESISTOR (CHIP)	100.0 1/4 J TP	チップ抵抗		01
R234	RD15510R	CARBON RESISTOR (CHIP)	100.0 1/4 J TP	チップ抵抗		01
R241	RD355220	CARBON RESISTOR (CHIP)	220.0 63M J RECT.	チップ抵抗		01
R242	RF355100	CARBON RESISTOR (CHIP)	100.0 D 1608	チップ抵抗		01
R901	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗		01
-908	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗		01
TA201	V856660R	TRANSISTOR (ARRAY)	TD62785FG-(5,EL)	トランジスタアレイ		05
TA202	V856660R	TRANSISTOR (ARRAY)	TD62785FG-(5,EL)	トランジスタアレイ		05
TR201	WG989900	DIGITAL TRANSISTOR	KRA226S-RTK/P	デジタルトランジスタ		01
ZD201	VV663200	ZENER DIODE	RLZ24.0B 24.0V TP	ツェナーダイオード		01

\*: New Parts

RANK: Japan only

EIF/ENC/LANL/LVDS/MOD/PB/PNCA/PNCB

REF NO.	PART NO.	DESCRIPTION	部 品 名	REMARKS	QTY	RANK
C215	UF12847R	ELECTROLYTIC CAPACITOR(CHIP)	470 10V	チ ッ プ ケ ミ コ ン		02
C218	US065100	CERAMIC CAPACITOR (CHIP)	0.100 50V Z RECT.	チ ッ プ セ ラ F		01
C228	UF12847R	ELECTROLYTIC CAPACITOR(CHIP)	470 10V	チ ッ プ ケ ミ コ ン		02
C229	US065100	CERAMIC CAPACITOR (CHIP)	0.100 50V Z RECT.	チ ッ プ セ ラ F		01
C255	US065100	CERAMIC CAPACITOR (CHIP)	0.100 50V Z RECT.	チ ッ プ セ ラ F		01
C256	UF03810R	ELECTROLYTIC CAPACITOR(CHIP)	100 16V	チ ッ プ ケ ミ コ ン		01
C257	UF12822R	ELECTROLYTIC CAPACITOR(CHIP)	220 10V	チ ッ プ ケ ミ コ ン		01
C258	UF12822R	ELECTROLYTIC CAPACITOR(CHIP)	220 10V	チ ッ プ ケ ミ コ ン		01
C259	US065100	CERAMIC CAPACITOR (CHIP)	0.100 50V Z RECT.	チ ッ プ セ ラ F		01
C260	US065100	CERAMIC CAPACITOR (CHIP)	0.100 50V Z RECT.	チ ッ プ セ ラ F		01
C266	US065100	CERAMIC CAPACITOR (CHIP)	0.100 50V Z RECT.	チ ッ プ セ ラ F		01
C267	WC37000R	ELECTROLYTIC CAPACITOR	220.00 35.0V	チ ッ プ ケ ミ コ ン U D		01
C275	UF03810R	ELECTROLYTIC CAPACITOR(CHIP)	100 16V	チ ッ プ ケ ミ コ ン		01
C278	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01
C279	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01
C283	US065100	CERAMIC CAPACITOR (CHIP)	0.100 50V Z RECT.	チ ッ プ セ ラ F		01
C284	UF03810R	ELECTROLYTIC CAPACITOR(CHIP)	100 16V	チ ッ プ ケ ミ コ ン		01
C285	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01
C286	US14510R	CERAMIC CAPACITOR (CHIP)	0.1000 25V Z RECT.	チ ッ プ セ ラ ( F )		01
C801	V7658000	MONOLITHIC CERAMIC CAP.(CHIP)	1000P 2KV K RECT.	チ ッ プ 積 層 セ ラ コ ン		01
C908	US065100	CERAMIC CAPACITOR (CHIP)	0.100 50V Z RECT.	チ ッ プ セ ラ F		01
C909	US061330	CERAMIC CAPACITOR (CHIP)	33P 50V J RECT.	チ ッ プ セ ラ ( C H )		01
C910	US065100	CERAMIC CAPACITOR (CHIP)	0.100 50V Z RECT.	チ ッ プ セ ラ F		01
C913	US065100	CERAMIC CAPACITOR (CHIP)	0.100 50V Z RECT.	チ ッ プ セ ラ F		01
C914	US061330	CERAMIC CAPACITOR (CHIP)	33P 50V J RECT.	チ ッ プ セ ラ ( C H )		01
C915	UF03810R	ELECTROLYTIC CAPACITOR(CHIP)	100 16V	チ ッ プ ケ ミ コ ン		01
C916	WG888300	MONOLITHIC CERAMIC CAP.(CHIP)	10.0 6.3V K TP	チ ッ プ 積 層 セ ラ コ ン		01
C917	US065100	CERAMIC CAPACITOR (CHIP)	0.100 50V Z RECT.	チ ッ プ セ ラ F		01
-919	US065100	CERAMIC CAPACITOR (CHIP)	0.100 50V Z RECT.	チ ッ プ セ ラ F		01
C923	US061330	CERAMIC CAPACITOR (CHIP)	33P 50V J RECT.	チ ッ プ セ ラ ( C H )		01
-936	US061330	CERAMIC CAPACITOR (CHIP)	33P 50V J RECT.	チ ッ プ セ ラ ( C H )		01
CN801	VT388900	CONNECTOR	PH 8P TE	ベ ー ス 付 ポ ス ト		01
CN901	V956070R	CONNECTOR	52808 25P TE	F F C / F P C コ ネ ク タ ー		02
CN902	V9864300	CONNECTOR	52559 33P TE	F F C コ ネ ク タ		02
D205	WG139300	DIODE	KDS4148U-RTK/P	ダ イ オ ー ド		
-210	WG139300	DIODE	KDS4148U-RTK/P	ダ イ オ ー ド		
IC201	X4406101	IC	M38044M4-C16FPU0	I C	LED DRIVER/SWITCH SCAN	07
IC901	X6818A00	IC	SN75LVDS86ADGGR	I C	FlatLink RECEIVER	
L202	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗		01
L204	WE05620R	EMI FILTER (CHIP)	NFM21PC105B1A3D	エ ミ フィ ル チ ッ プ		01
L205	VY65720R	CHIP INDUCTANCE	600 BK1608HM601-T	チ ッ プ イ ン ダ ク タ		01
L206	VY65720R	CHIP INDUCTANCE	600 BK1608HM601-T	チ ッ プ イ ン ダ ク タ		01
L208	VY65720R	CHIP INDUCTANCE	600 BK1608HM601-T	チ ッ プ イ ン ダ ク タ		01
L209	WN129800	COIL INDUCTOR CHIP	330U SLF10145T-331	チ ッ プ イ ン ダ ク タ		02
L801	WG834800	COIL FIXED	DLW21HN900SQ2L	コ イ ル		01
L802	WG834800	COIL FIXED	DLW21HN900SQ2L	コ イ ル		01
L902	WQ266500	COIL INDUCTOR	BLM18EG221SN1D	チ ッ プ イ ン ダ ク タ		
LD001	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チ ッ プ L E D ア ン バ ー	USB	01
LD101	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チ ッ プ L E D ア ン バ ー	FREEZE	01
LD102	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2 色 L E D チ ッ プ	1 (REGISTRATION MEMORY)	01
LD103	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2 色 L E D チ ッ プ	2 (REGISTRATION MEMORY)	01
LD104	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2 色 L E D チ ッ プ	3 (REGISTRATION MEMORY)	01
LD105	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2 色 L E D チ ッ プ	4 (REGISTRATION MEMORY)	01
LD106	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2 色 L E D チ ッ プ	5 (REGISTRATION MEMORY)	01
LD107	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2 色 L E D チ ッ プ	6 (REGISTRATION MEMORY)	01
LD108	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2 色 L E D チ ッ プ	7 (REGISTRATION MEMORY)	01
LD109	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2 色 L E D チ ッ プ	8 (REGISTRATION MEMORY)	01
R218	RD356100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チ ッ プ 抵 抗		01
R223	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ ッ プ 抵 抗		01
-228	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ ッ プ 抵 抗		01
R230	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ ッ プ 抵 抗		01
R232	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ ッ プ 抵 抗		01
R236	RD15722R	CARBON RESISTOR (CHIP)	22.0K 1/4 J TP	チ ッ プ 抵 抗		01
R238	RD35747R	CARBON RESISTOR (CHIP)	47.0K 63M J RECT.	チ ッ プ 抵 抗		01
R244	RD15310R	CARBON RESISTOR (CHIP)	1.0 1/4 J TP	チ ッ プ 抵 抗		01
-246	RD15310R	CARBON RESISTOR (CHIP)	1.0 1/4 J TP	チ ッ プ 抵 抗		01
R801	RD15515R	CARBON RESISTOR (CHIP)	150.0 1/4 J TP	チ ッ プ 抵 抗		
R802	RD15515R	CARBON RESISTOR (CHIP)	150.0 1/4 J TP	チ ッ プ 抵 抗		
R807	RD15515R	CARBON RESISTOR (CHIP)	150.0 1/4 J TP	チ ッ プ 抵 抗		
R808	RD15515R	CARBON RESISTOR (CHIP)	150.0 1/4 J TP	チ ッ プ 抵 抗		

\*: New Parts

RANK: Japan only

EIF/ENC/LANL/LVDS/MOD/PB/PNCA/PNCB and EMKS61A and MK-H and MK-L and PNL/PNR

REF NO.	PART NO.	DESCRIPTION		部 品 名	REMARKS	QTY	RANK
R909	RD355150	CARBON RESISTOR (CHIP)	150.0 63M J RECT.	チ ッ プ 抵 抗			01
-911	RD355150	CARBON RESISTOR (CHIP)	150.0 63M J RECT.	チ ッ プ 抵 抗			01
R912	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チ ッ プ 抵 抗			01
R913	RD357100	CARBON RESISTOR (CHIP)	10.0K 63M J RECT.	チ ッ プ 抵 抗			01
R914	RD355150	CARBON RESISTOR (CHIP)	150.0 63M J RECT.	チ ッ プ 抵 抗			01
-929	RD355150	CARBON RESISTOR (CHIP)	150.0 63M J RECT.	チ ッ プ 抵 抗			01
TH202	WK514700	POLYSWITCH	MF-MSMF050-2	P O L Y S W I T C H			01
TR202	VY70390R	TRANSISTOR (ARRAY)	TD62309FG(5,EL)	トランジスターアレイ			04
TR203	VY70390R	TRANSISTOR (ARRAY)	TD62309FG(5,EL)	トランジスターアレイ			04
TR204	VV556500	TRANSISTOR	2SA1037AK Q,R,S TP	トランジスター			01
TR205	WF688500	DIGITAL TRANSISTOR	KRC119S RTK/P	デジタルトランジスター			01
X201	WH673400	CERAMIC RESONATOR	16.8MHz CSTCE16M8V51	セラミック振動子			02
	WF310500	CIRCUIT BOARD	EMKS61A (E-BUS)	E M K S 6 1 A シ ー ト	(WF31010)(X6637C0)		08
	--	TAPE(ANTI-VIBRATION)	10X64X0.5	防 振 テ ー プ	(VK34680)		
C0001	US135100	CERAMIC CAPACITOR (CHIP)	0.1000 16V Z RECT.	チ ッ プ セ ラ ( F )			01
C0002	UF03810R	ELECTROLYTIC CAPACITOR(CHIP)	100 16V	チ ッ プ ケ ミ コ ン			01
C0003	US064100	CERAMIC CAPACITOR (CHIP)	0.0100 50V K RECT.	チ ッ プ セ ラ ( B )			01
C0004	US135100	CERAMIC CAPACITOR (CHIP)	0.1000 16V Z RECT.	チ ッ プ セ ラ ( F )			01
C0005	US135100	CERAMIC CAPACITOR (CHIP)	0.1000 16V Z RECT.	チ ッ プ セ ラ ( F )			01
C0006	US062100	CERAMIC CAPACITOR (CHIP)	100P 50V J RECT.	チ ッ プ セ ラ ( S L )			01
-0028	US062100	CERAMIC CAPACITOR (CHIP)	100P 50V J RECT.	チ ッ プ セ ラ ( S L )			01
CN001	VB39030R	CONNECTOR	PH 7P TE	ベ ー ス ポ ス ト			01
CN002	VK02560R	CONNECTOR	52147 12P TE	ワ イ ヤ ー ト ラ ッ プ			01
CN003	VK024900	CONNECTOR	52147 5P TE	ワ イ ヤ ー ト ラ ッ プ			01
CN004	VK025100	CONNECTOR	52147 7P TE	ワ イ ヤ ー ト ラ ッ プ			01
D0001	VT332900	DIODE	1SS355 TE-17 TP	ダ イ オ ー ド			01
-0003	VT332900	DIODE	1SS355 TE-17 TP	ダ イ オ ー ド			01
IC001	X003120R	IC	UPD780031AYGK-N04	IC	LKS		05
J0002	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗			01
R0001	RD356100	CARBON RESISTOR (CHIP)	1.0K 63M J RECT.	チ ッ プ 抵 抗			01
R0002	RD354470	CARBON RESISTOR (CHIP)	47.0 63M J RECT.	チ ッ プ 抵 抗			01
R0003	RD354470	CARBON RESISTOR (CHIP)	47.0 63M J RECT.	チ ッ プ 抵 抗			01
R0005	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗			01
R0006	RD350001	CARBON RESISTOR (CHIP)	0 63M J RECT.	チ ッ プ 抵 抗			01
RA001	V809080R	RESISTOR ARRAY	RGLE12X103J	抵 抗 ア レ イ			01
X0001	V615050R	CERAMIC RESONATOR	8.38MHz EFOS8384E5	セラミック振動子			01
	VU648200	CIRCUIT BOARD	MK-H	M K - H シ ー ト	(VU64800)(XR565C0)		09
2	VB941200	DIODE	1SS133,1SS176 TE	ダ イ オ ー ド			01
5	VK02560R	CONNECTOR	52147 12P TE	ワ イ ヤ ー ト ラ ッ プ			01
6	VK024900	CONNECTOR	52147 5P TE	ワ イ ヤ ー ト ラ ッ プ			01
	VU648101	CIRCUIT BOARD	MK-L	M K - L シ ー ト	(VU64790)(XR564C0)		08
2	VB941200	DIODE	1SS133,1SS176 TE	ダ イ オ ー ド			01
5	VK02560R	CONNECTOR	52147 12P TE	ワ イ ヤ ー ト ラ ッ プ			01
6	VK025100	CONNECTOR	52147 7P TE	ワ イ ヤ ー ト ラ ッ プ			01
	WJ007700	CIRCUIT BOARD	PNL	P N L シ ー ト	(WJ00760)(X8086D0)		11
	WJ007800	CIRCUIT BOARD	PNR	P N R シ ー ト	(WJ00760)(X8086D0)		11
CN001	WD29590R	CONNECTOR	52793 23P SE	F F C コ ネ ク タ ー			01
CN002	VT388400	CONNECTOR	PH 3P TE	ベ ー ス 付 ポ ス ト			01
CN101	V457490R	CONNECTOR	52793-2670	F F C コ ネ ク タ ー			02
CN103	VT619300	CONNECTOR	PH 7P SE	ベ ー ス 付 ポ ス ト			01
CN105	WC194500	CONNECTOR	52808 6P TE	F F C / F P C コ ネ ク タ ー			01
D001	VR49650R	DIODE	MA2J1110GL TP	チ ッ プ ダ イ オ ー ド			01
-044	VR49650R	DIODE	MA2J1110GL TP	チ ッ プ ダ イ オ ー ド			01
D001	VT332900	DIODE	1SS355 TE-17 TP	ダ イ オ ー ド			01
-044	VT332900	DIODE	1SS355 TE-17 TP	ダ イ オ ー ド			01
D001	WC398800	DIODE	KDS160-RTK/P TP	ダ イ オ ー ド			01
-044	WC398800	DIODE	KDS160-RTK/P TP	ダ イ オ ー ド			01
D101	VR49650R	DIODE	MA2J1110GL TP	チ ッ プ ダ イ オ ー ド			01
-151	VR49650R	DIODE	MA2J1110GL TP	チ ッ プ ダ イ オ ー ド			01
D101	VT332900	DIODE	1SS355 TE-17 TP	ダ イ オ ー ド			01
-151	VT332900	DIODE	1SS355 TE-17 TP	ダ イ オ ー ド			01
D101	WC398800	DIODE	KDS160-RTK/P TP	ダ イ オ ー ド			01
-151	WC398800	DIODE	KDS160-RTK/P TP	ダ イ オ ー ド			01
LD001	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チ ッ プ L E D ア ン バ ー	LEFT (PART SELECT)		01
LD002	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チ ッ プ L E D ア ン バ ー	RIGHT1 (PART SELECT)		01
LD003	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チ ッ プ L E D ア ン バ ー	RIGHT2 (PART SELECT)		01

\*: New Parts

RANK: Japan only

## PNL/PNR

REF NO.	PART NO.	DESCRIPTION	部 品 名	REMARKS	QTY	RANK
LD004	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	PIANO (VOICE)	01
LD005	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	GUITER & BASS (VOICE)	01
LD006	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	ORGAN (VOICE)	01
LD007	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	ACCORDION & HARMONICA (VOICE)	01
LD008	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	PERC. & DRUM KIT (VOICE)	01
LD009	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	E. PIANO (VOICE)	01
LD010	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	SAXOPHONE (VOICE)	01
LD011	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	TRUMPET (VOICE)	01
LD012	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	CHOIR & PAD (VOICE)	01
LD013	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	ORGAN FLUTES (VOICE)	01
LD014	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	LEFT HOLD (PART ON/OFF)	01
LD015	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	LEFT (PART ON/OFF)	01
LD016	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	RIGHT1 (PART ON/OFF)	01
LD017	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	RIGHT2 (PART ON/OFF)	01
LD018	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	STRINGS (VOICE)	01
LD019	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	FLUTE & WOODWIND (VOICE)	01
LD020	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	BRASS (VOICE)	01
LD021	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	SYNTH. & FX (VOICE)	01
LD022	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	USER (VOICE)	01
LD023	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色LEDチップ	1 (MULTI PAD CONTROL)	01
LD024	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色LEDチップ	2 (MULTI PAD CONTROL)	01
LD025	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色LEDチップ	3 (MULTI PAD CONTROL)	01
LD026	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色LEDチップ	4 (MULTI PAD CONTROL)	01
LD027	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色LEDチップ	1 (ONE TOUCH SETTING)	01
LD028	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色LEDチップ	2 (ONE TOUCH SETTING)	01
LD029	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色LEDチップ	3 (ONE TOUCH SETTING)	01
LD030	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色LEDチップ	4 (ONE TOUCH SETTING)	01
LD031	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	HARMONY/ECHO (VOICE CONTROL)	01
LD032	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	TOUCH (VOICE CONTROL)	01
LD033	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	SUSTAIN (VOICE CONTROL)	01
LD034	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	MONO (VOICE CONTROL)	01
LD035	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	DSP (VOICE CONTROL)	01
LD036	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	VARI. (VOICE CONTROL)	01
LD101	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	REPEAT (SONG)	01
LD102	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	GUIDE (SONG)	01
LD103	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色LEDチップ	EXTRA TR (SONG)	01
LD104	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色LEDチップ	TR2 (SONG)	01
LD105	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色LEDチップ	TR1 (SONG)	01
LD106	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色LEDチップ	MIC SETTING VOCAL HARMONY	01
LD107	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	REC (SONG)	01
LD108	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色LEDチップ	PLAY/PAUSE (SONG)	01
LD109	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	FADE IN/OUT	01
LD110	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	OTS LINK	01
LD111	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	AUTO FILL IN	01
LD112	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	POP & ROCK (STYLE)	01
LD113	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	SWING & JAZZ (STYLE)	01
LD114	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	LATIN (STYLE)	01
LD115	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	ENTERTAINER (STYLE)	01
LD116	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	BALLAD (STYLE)	01
LD117	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	R & B (STYLE)	01
LD118	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	BALLROOM (STYLE)	01
LD119	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	WORLD (STYLE)	01
LD120	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	DANCE (STYLE)	01
LD121	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	COUNTRY (STYLE)	01
LD122	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	MOVIE & SHOW (STYLE)	01
LD123	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	USER (STYLE)	01
LD124	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	METRONOME	01
LD125	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	ACMP	01
LD126	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色LEDチップ	INTRO I	01
LD127	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色LEDチップ	INTRO II	01
LD128	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色LEDチップ	INTRO III	01
LD129	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色LEDチップ	MAIN VARIATION A	01
LD130	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色LEDチップ	MAIN VARIATION B	01
LD131	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色LEDチップ	MAIN VARIATION C	01
LD132	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色LEDチップ	MAIN VARIATION D	01
LD133	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色LEDチップ	BREAK	01
LD134	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色LEDチップ	ENDING/rit. I	01
LD135	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色LEDチップ	ENDING/rit. II	01
LD136	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色LEDチップ	ENDING/rit. III	01
LD137	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	SYNC STOP	01

\*: New Parts

RANK: Japan only

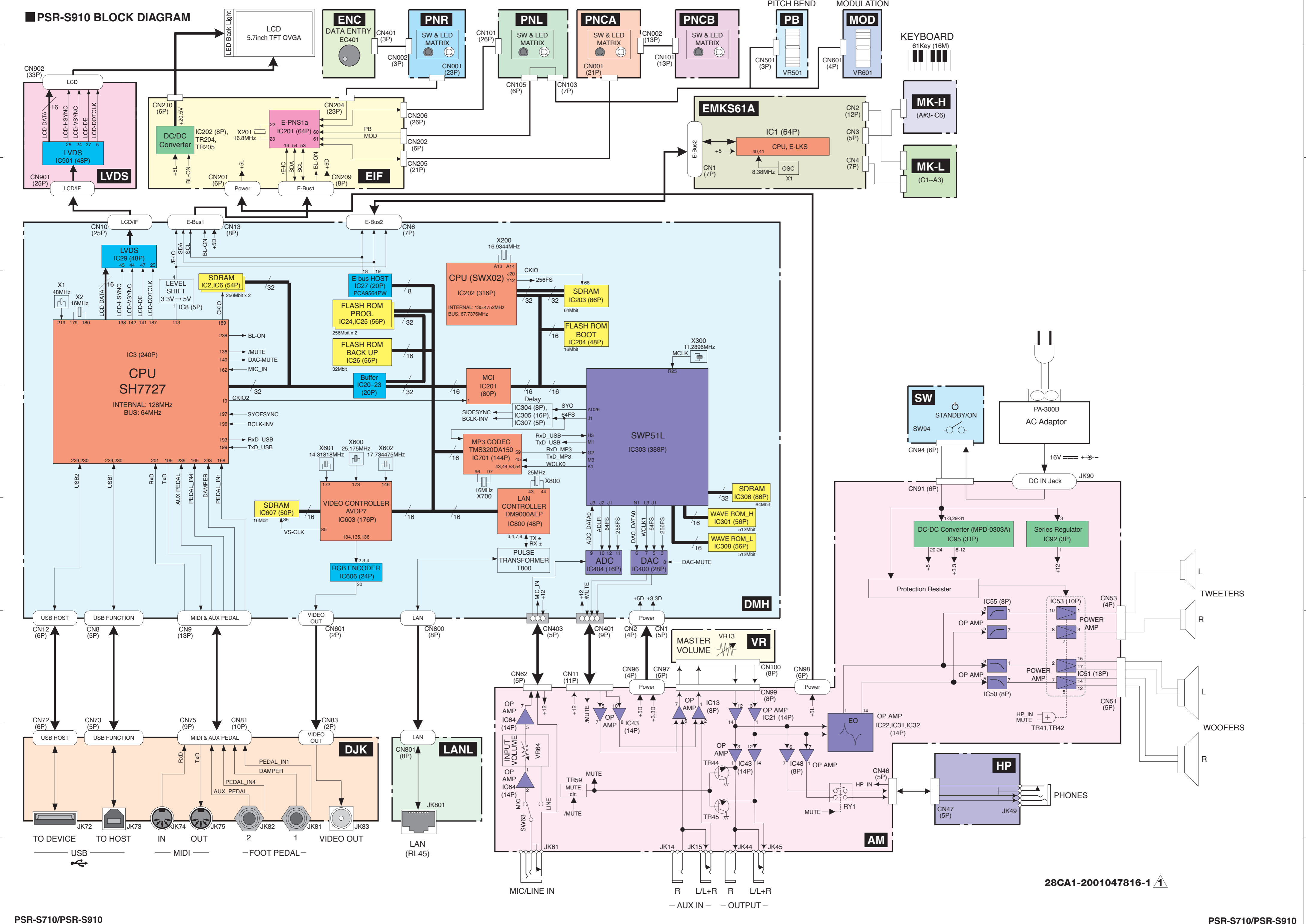
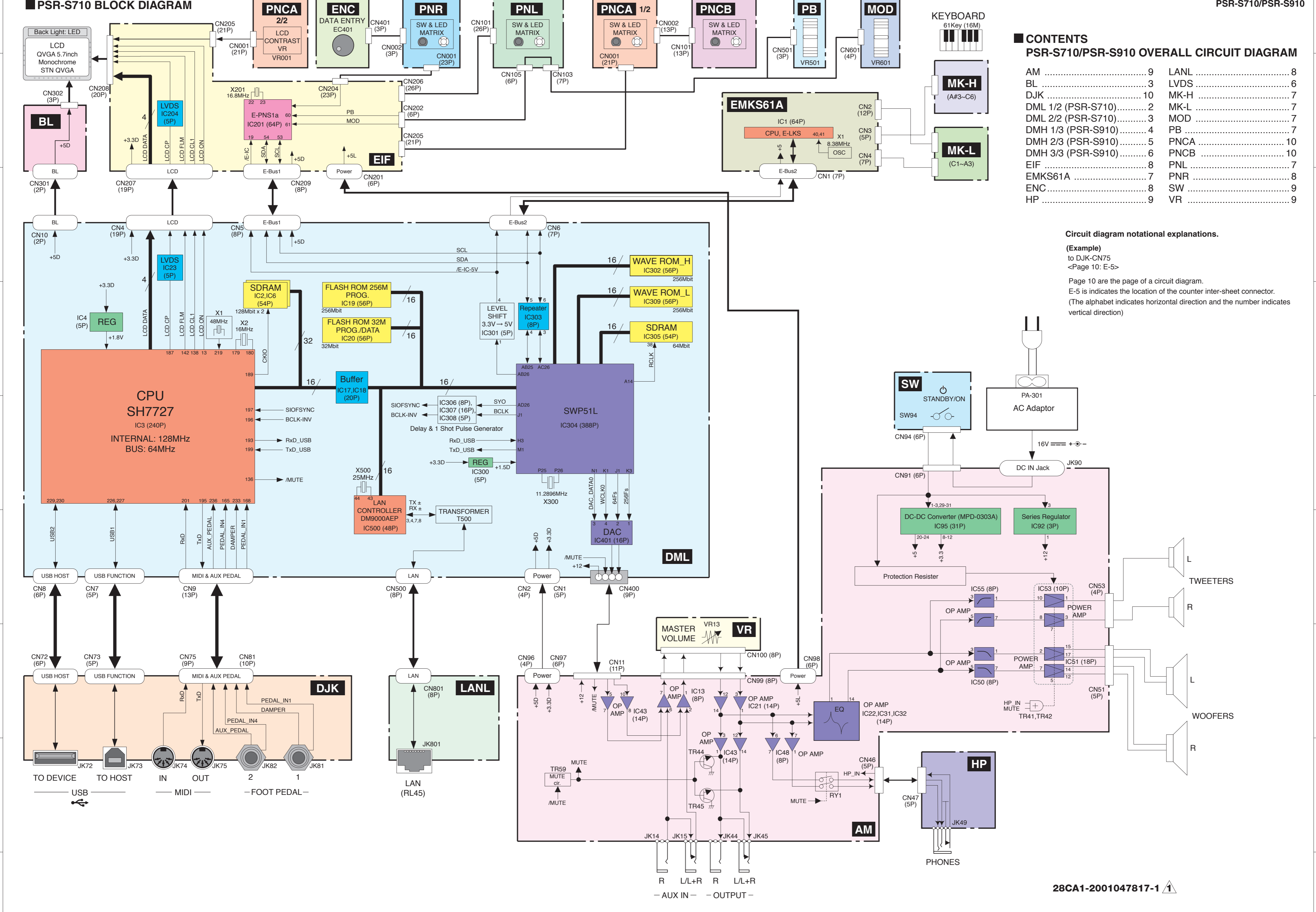
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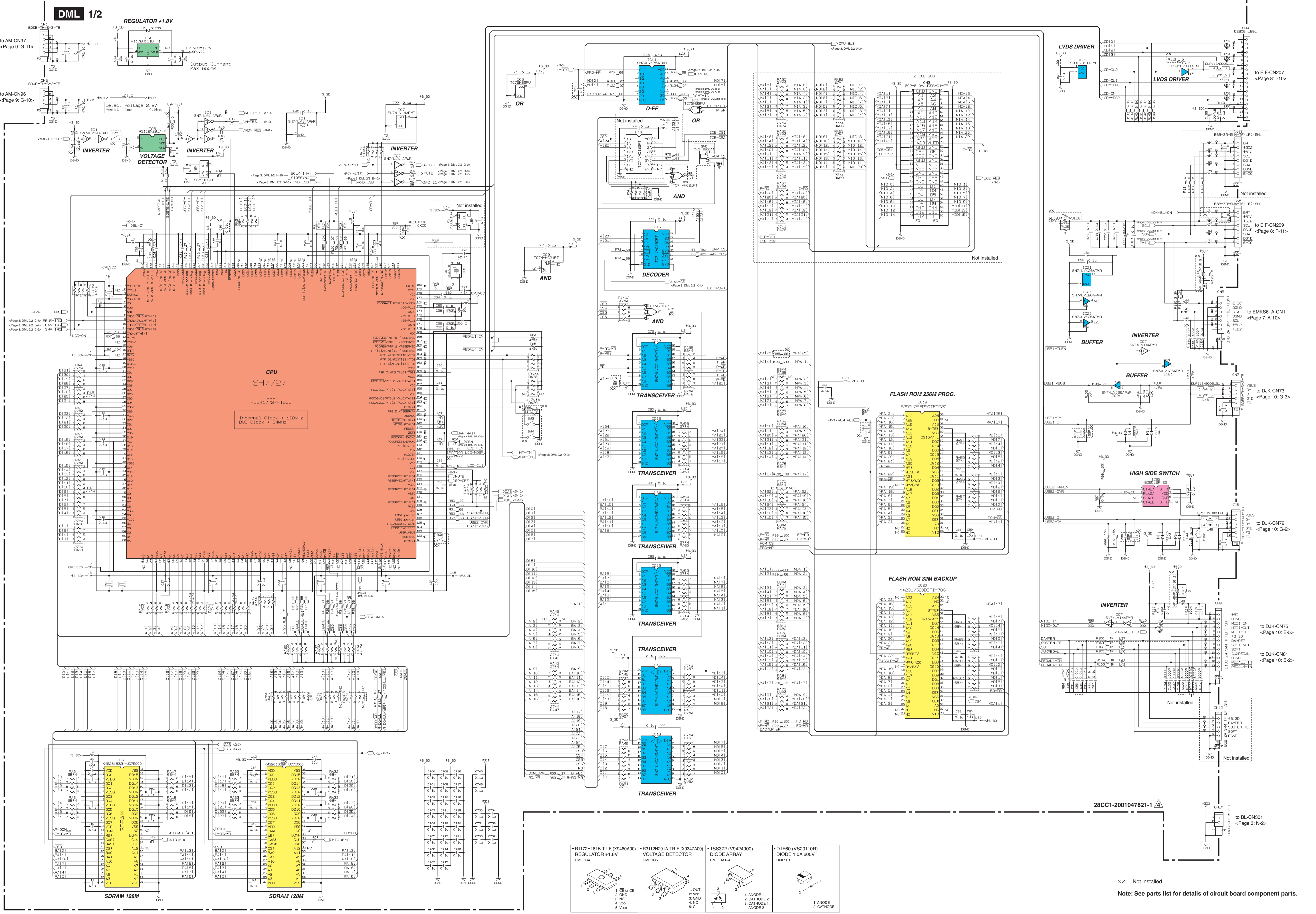
REF NO.	PART NO.	DESCRIPTION		部 品 名	REMARKS	QTY	RANK
LD138	WJ491700	LED (CHIP) AMBER	BL-HJF36J-TRB	チップLEDアンバー	SYNC START		01
LD139	WJ491600	LED (CHIP) AM/YG	BL-HJFGE36J-TRB	2色LEDチップ	START/STOP		01
R001	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗			01
R002	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗			01
R003	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗			01
R004	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗			01
R005	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗			01
R006	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗			01
R007	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗			01
R008	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗			01
R009	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗			01
R010	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗			01
R011	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗			01
R012	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗			01
R013	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗			01
R014	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗			01
R015	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗			01
R016	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗			01
R101	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗			01
R102	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗			01
R103	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗			01
R104	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗			01
R105	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗			01
R106	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗			01
R107	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗			01
R108	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗			01
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R110	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗			01
R111	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗			01
R112	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗			01
R113	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗			01
R114	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗			01
R115	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗			01
R116	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗			01
R117	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗			01
R118	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗			01
R119	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗			01
R120	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗			01
R121	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗			01
R122	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗			01
R123	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗			01
R124	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗			01
R125	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗			01
R126	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗			01
R127	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗			01
R128	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗			01
R129	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗			01
R130	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗			01
R131	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗			01
R132	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗			01
R133	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗			01
-135	RD355100	CARBON RESISTOR (CHIP)	100.0 63M J RECT.	チップ抵抗			01
R136	RD35456R	CARBON RESISTOR (CHIP)	56.0 63M J RECT.	チップ抵抗			01
	X0215A0R	SPEAKER	2.0cm 3ohm 25W	スピーカ	TWEETER		08
	X8535A00	SPEAKER	12.0cm 6ohm 30W	スピーカ	WOOFER		08
*	WR339500	CRYSTAL DISPLAY	LT057AA34C00	液晶ディスプレイ			

\*: New Parts

RANK: Japan only





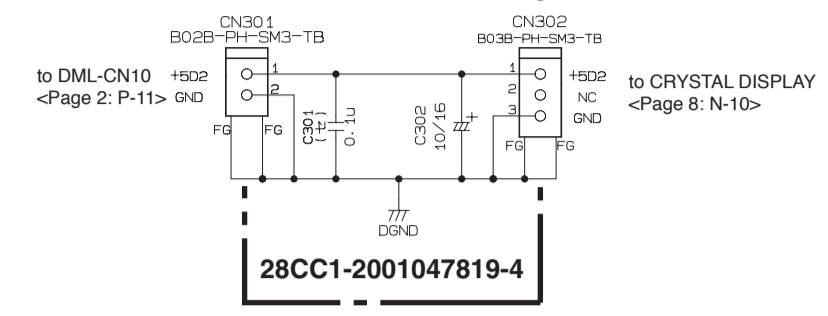
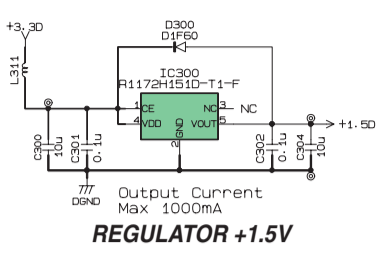
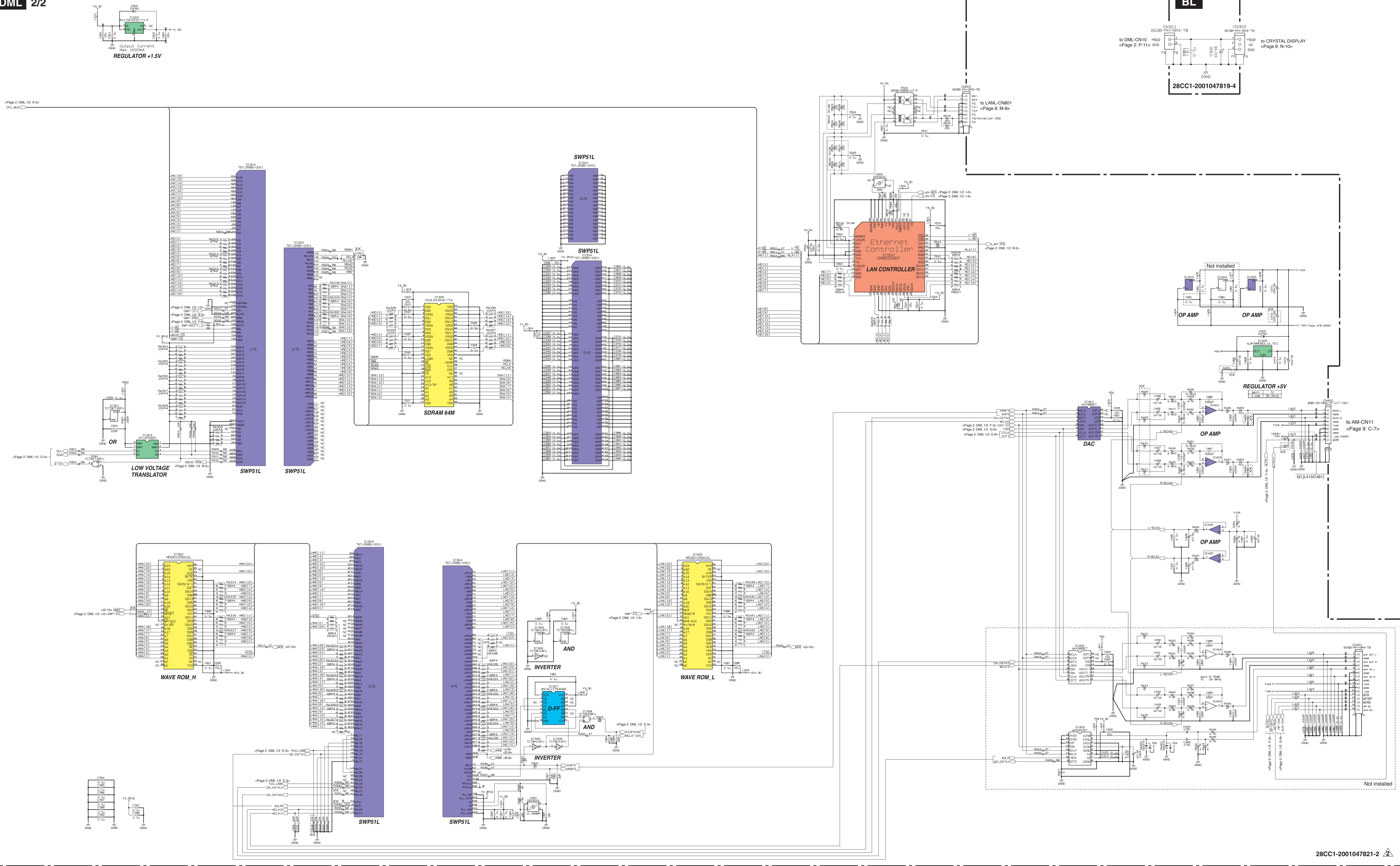


- R117H181B-T1-F (X946A00) REGULATOR +1.8V DML IC4
- R312N291A-TR-F (X347A00) VOLTAGE DETECTOR DML IC5
- 1SS372 (V9424900) DIODE ARRAY DML DA1-4
- D1F60 (V020110R) DIODE 1.0A 600V DML D1

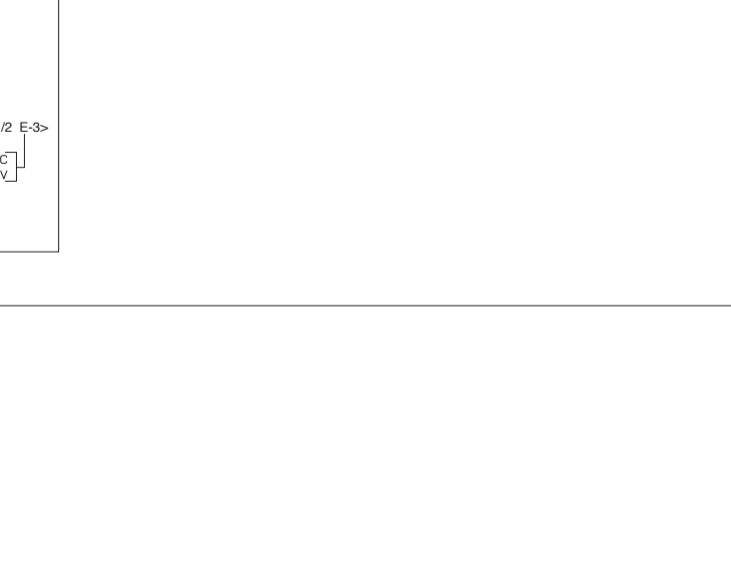
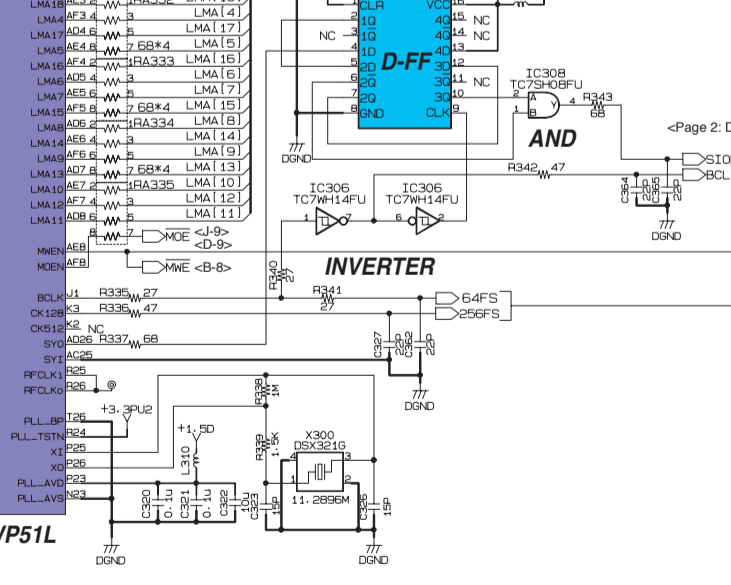
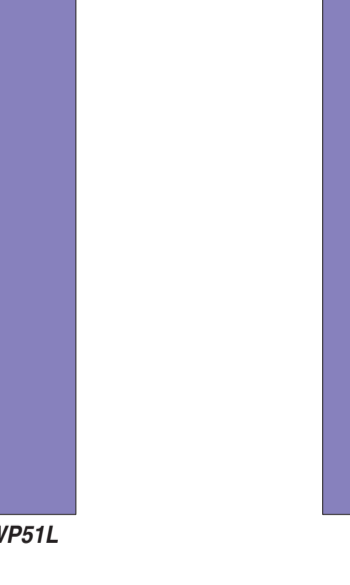
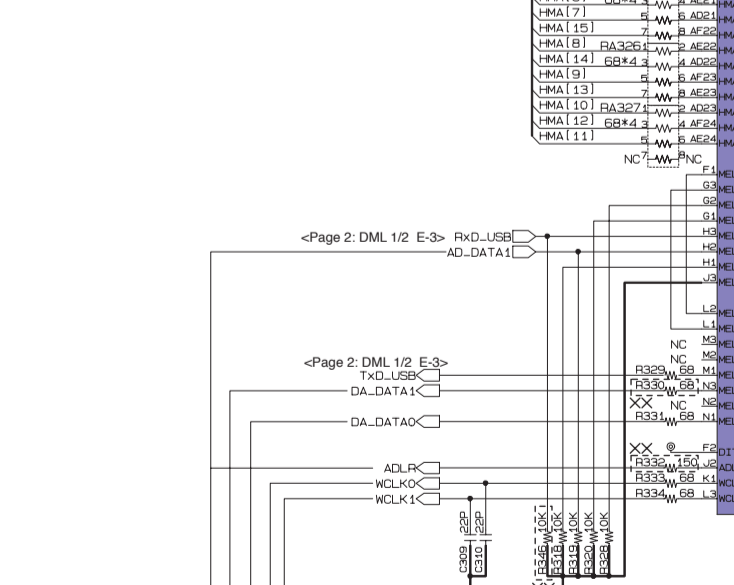
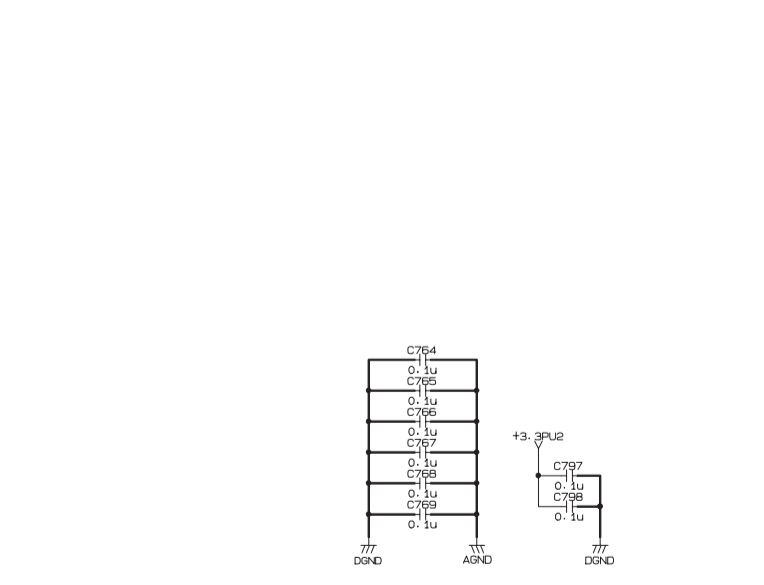
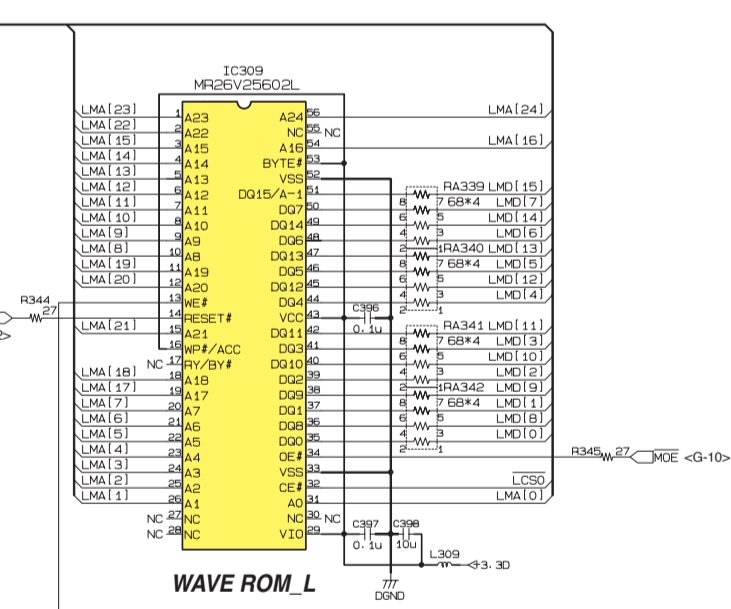
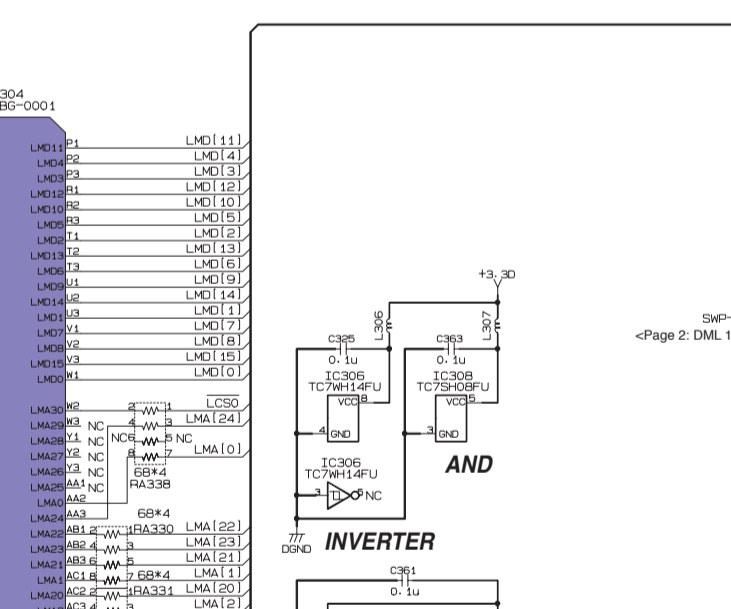
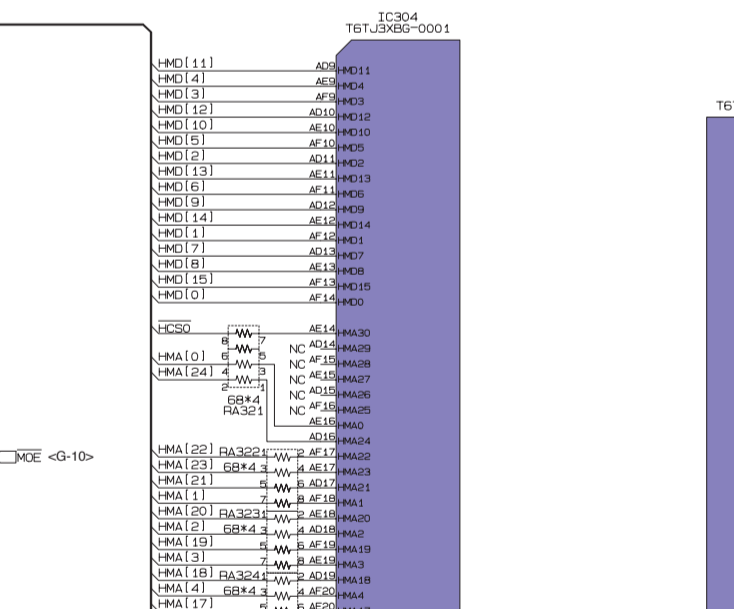
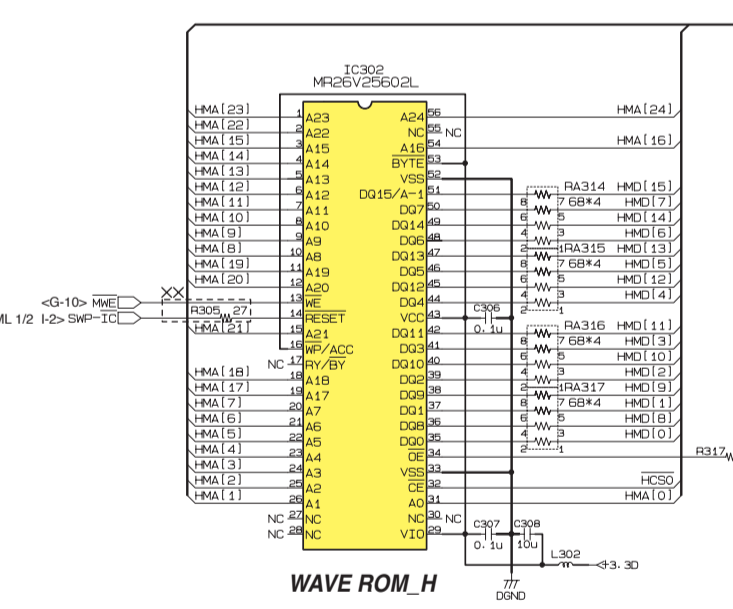
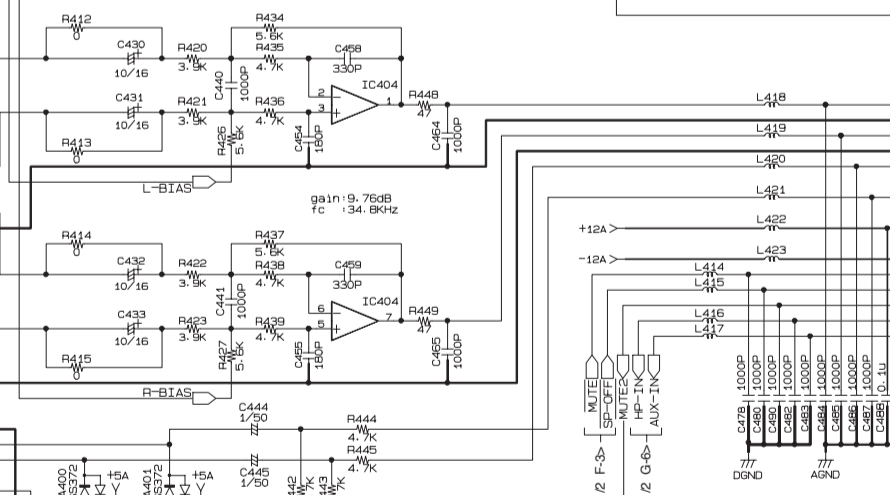
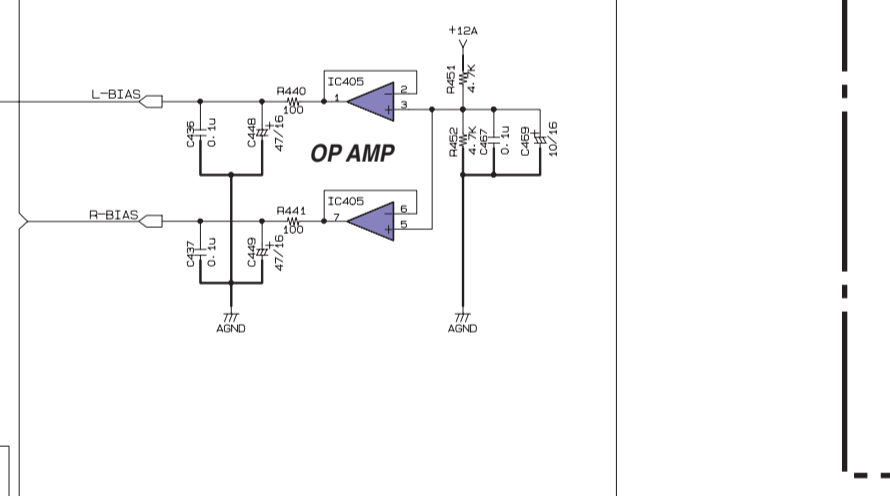
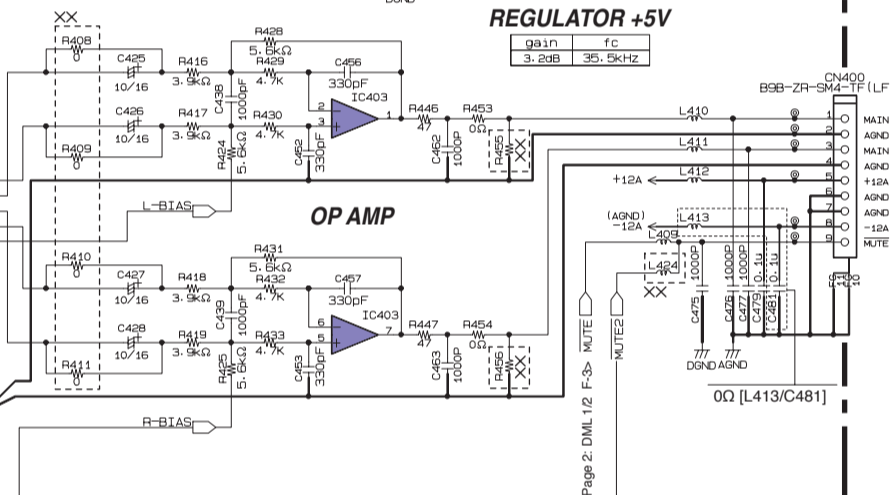
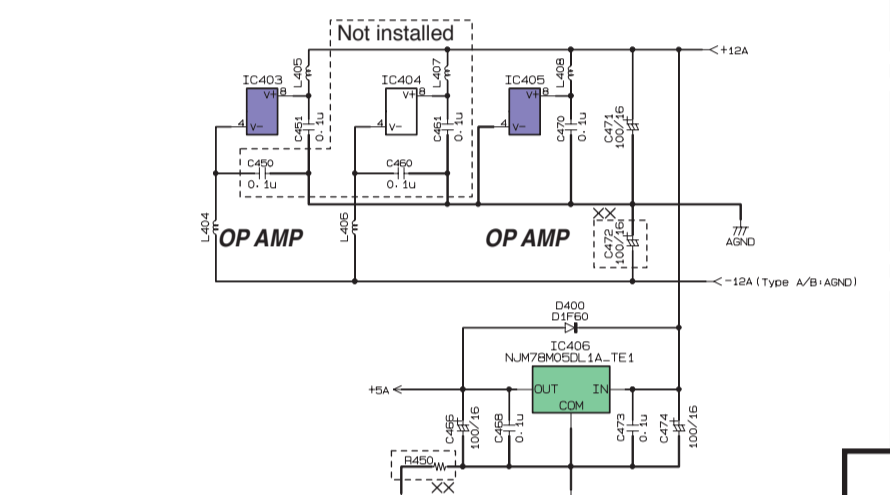
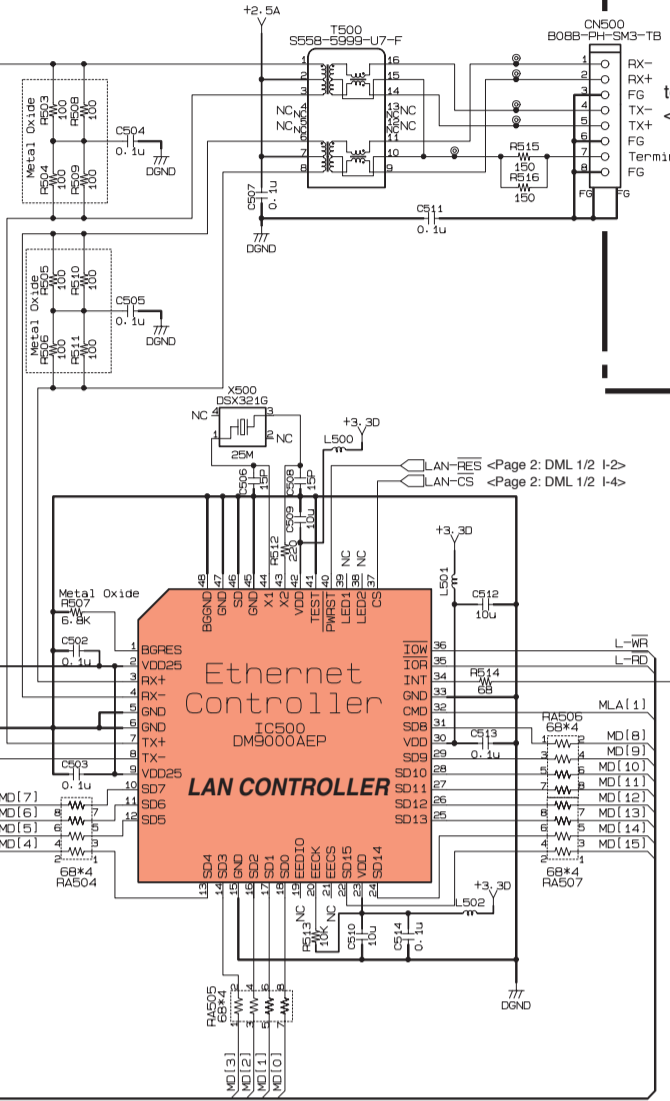
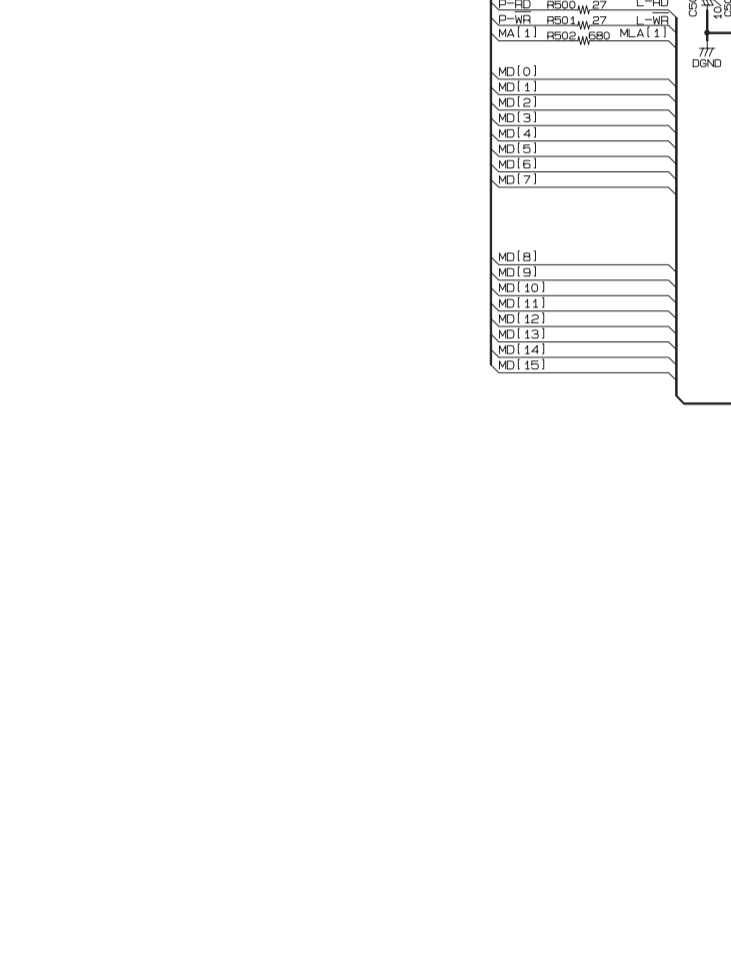
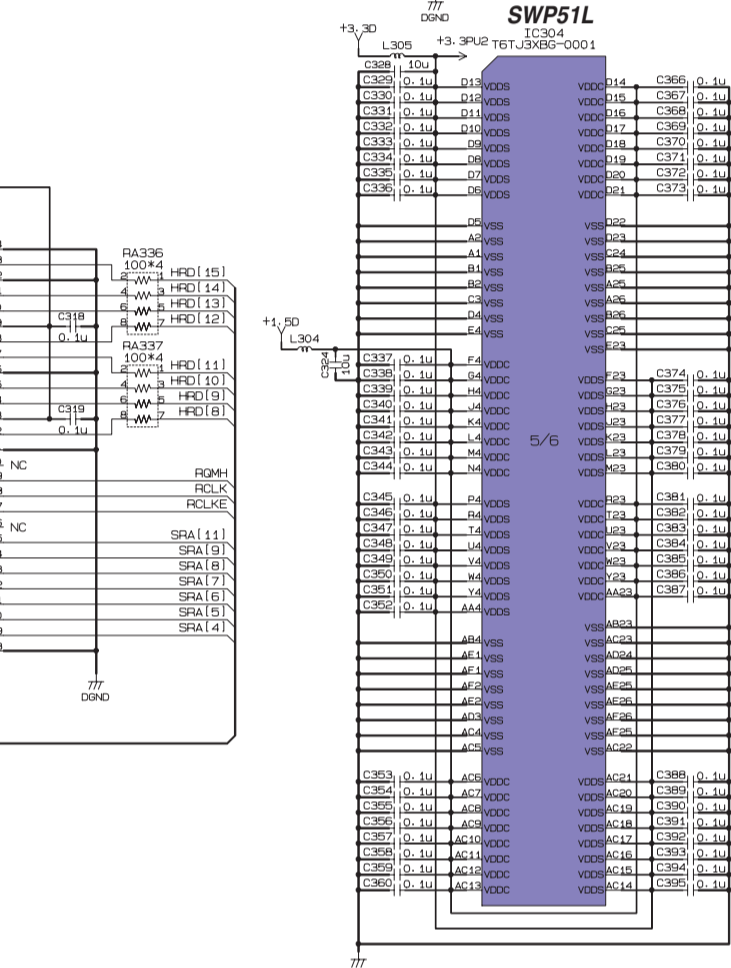
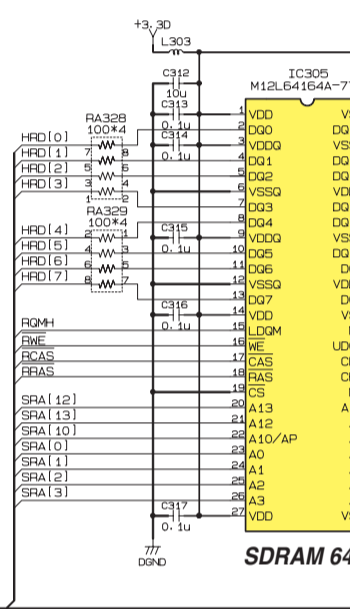
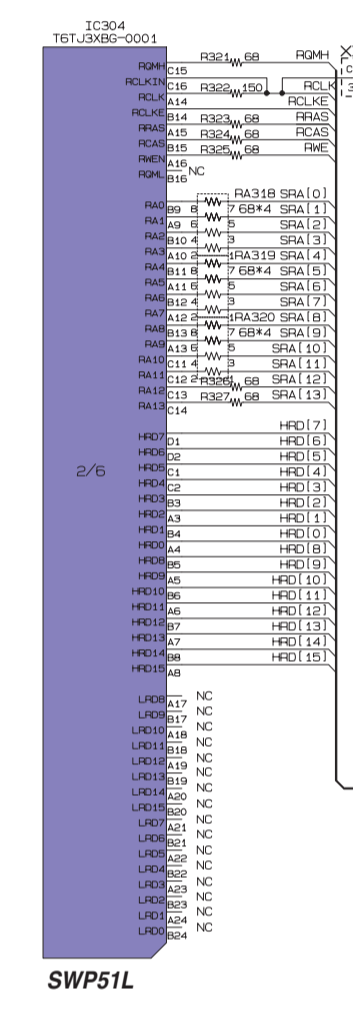
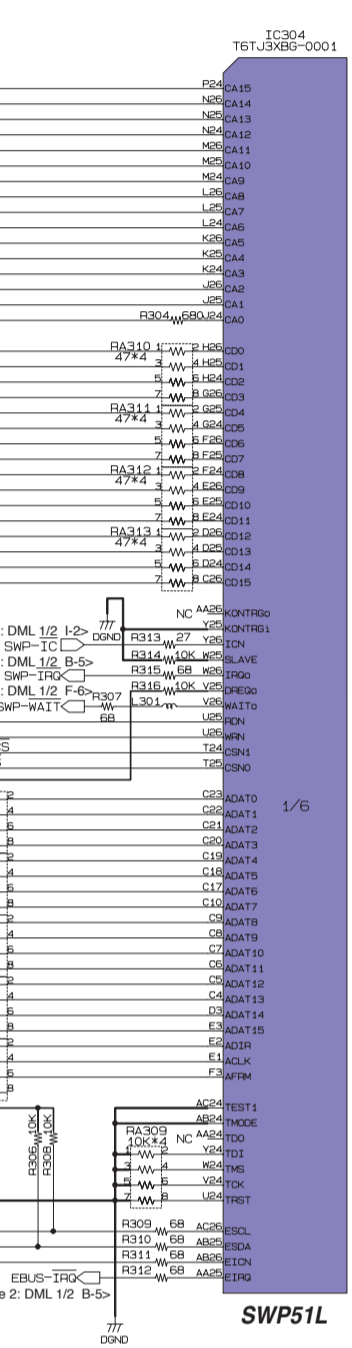
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Note: See parts list for details of circuit board component parts.

DML 2/2

BL

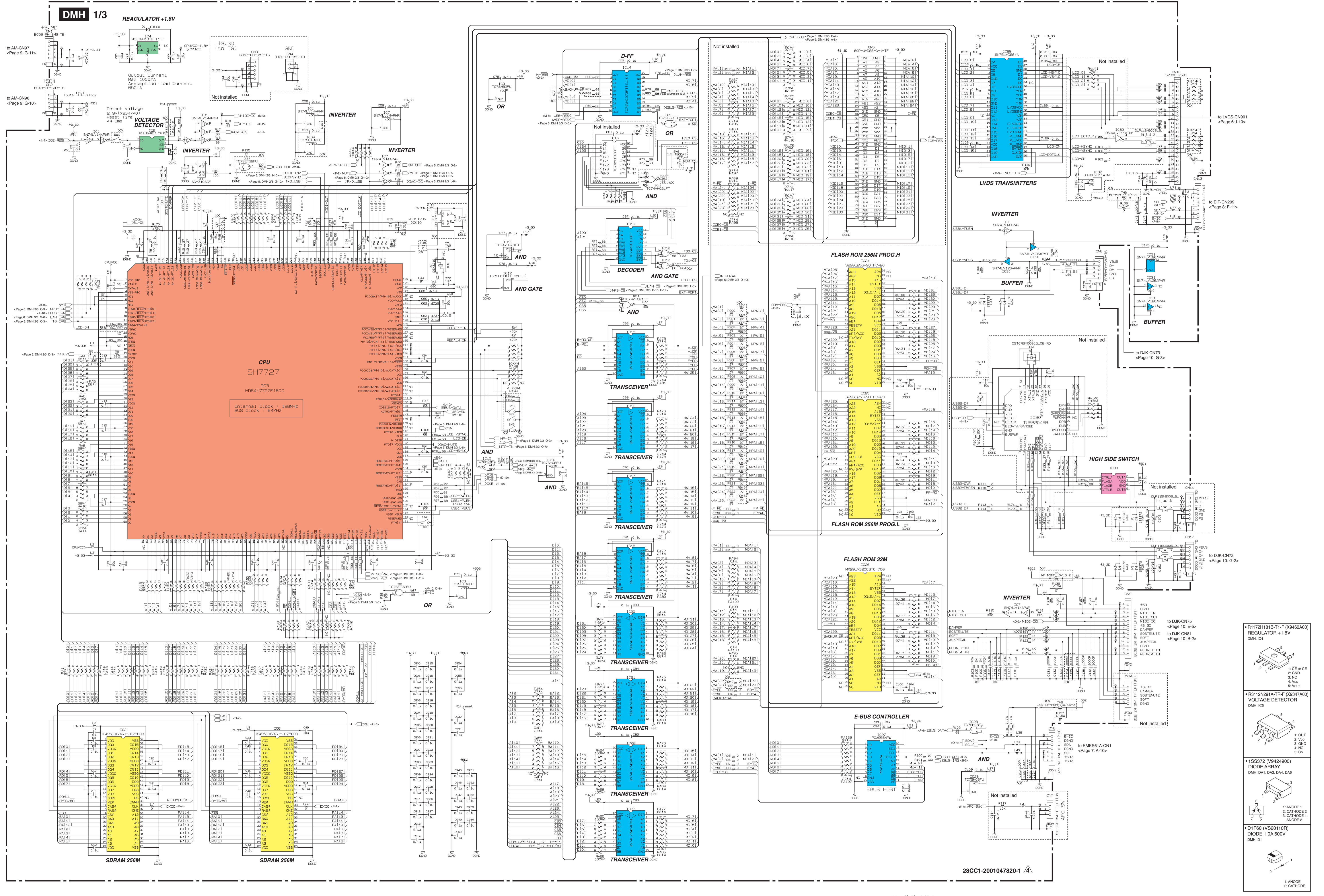


<Page 2: DML 1/2 K>  
CPU\_BUS



- GTL2002DP (YA492A00) LOW VOLTAGE TRANSULATOR DML: IC300
- R1172H151D-T1-F (X9293A00) REGULATOR +1.5V DML: IC300
- NJM78M05DL1A (XS534A00) REGULATOR +5V DML: IC300
- D1F60 (VS20110R) DIODE 1.0A 800V DML: D300, D400

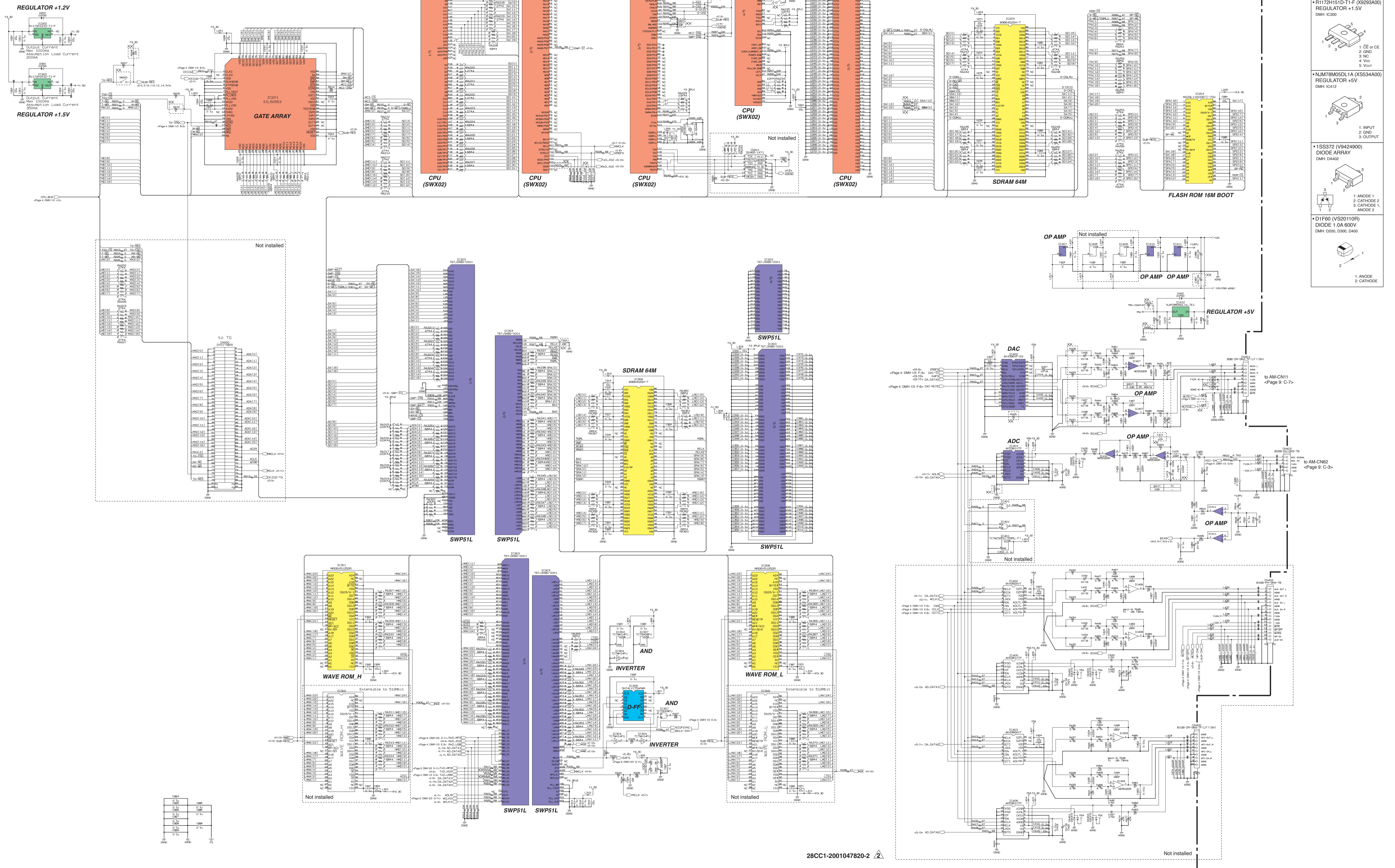
XX : Not installed  
 (C): Ceramic Capacitor  
 Note: See parts list for details of circuit board component parts.



- R1172H181B-T1-F (X9460A00) REGULATOR +1.0V DMH: IC4
- R3112N281A-TR-F (X9347A00) VOLTAGE DETECTOR DMH: IC5
- 1S5372 (V9424900) DIODE ARRAY DMH: DA1, DA2, DA4, DA6
- D1F60 (VS20110R) DIODE 1.0A 600V DMH: D1

XX : Not installed  
 (+): Ceramic Capacitor  
 Note: See parts list for details of circuit board component parts.

DMH 2/3

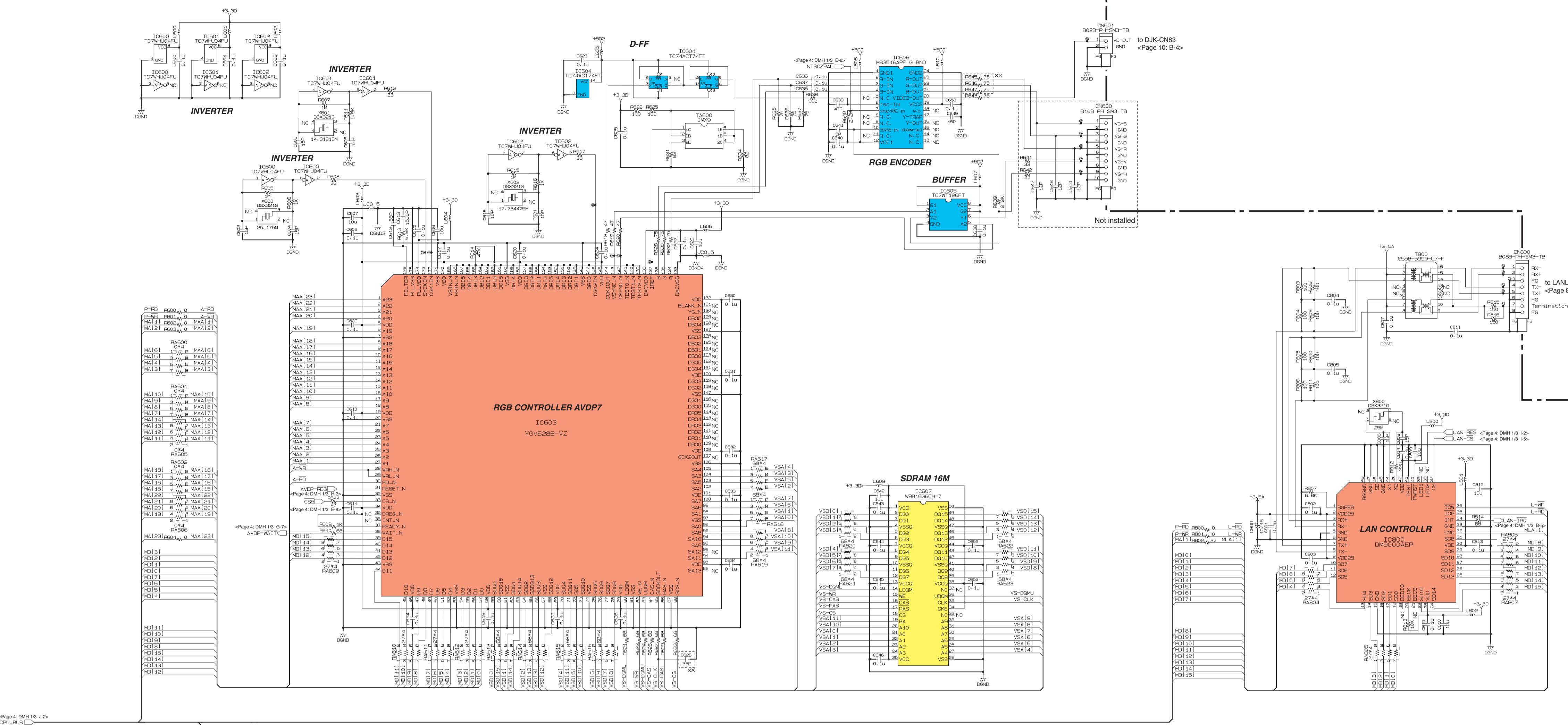


- R1172H12D-T1-F (X9292A00)  
REGULATOR +1.2V  
DMH: IC200
- R1172H15D-T1-F (X9293A00)  
REGULATOR +1.5V  
DMH: IC300
- NJM78M05DL1A (XS634A00)  
REGULATOR +5V  
DMH: IC412
- ISS372 (V9424900)  
DIODE ARRAY  
DMH: D4402
- D1F60 (VS20110R)  
DIODE 1.0A 600V  
DMH: D200, D300, D400

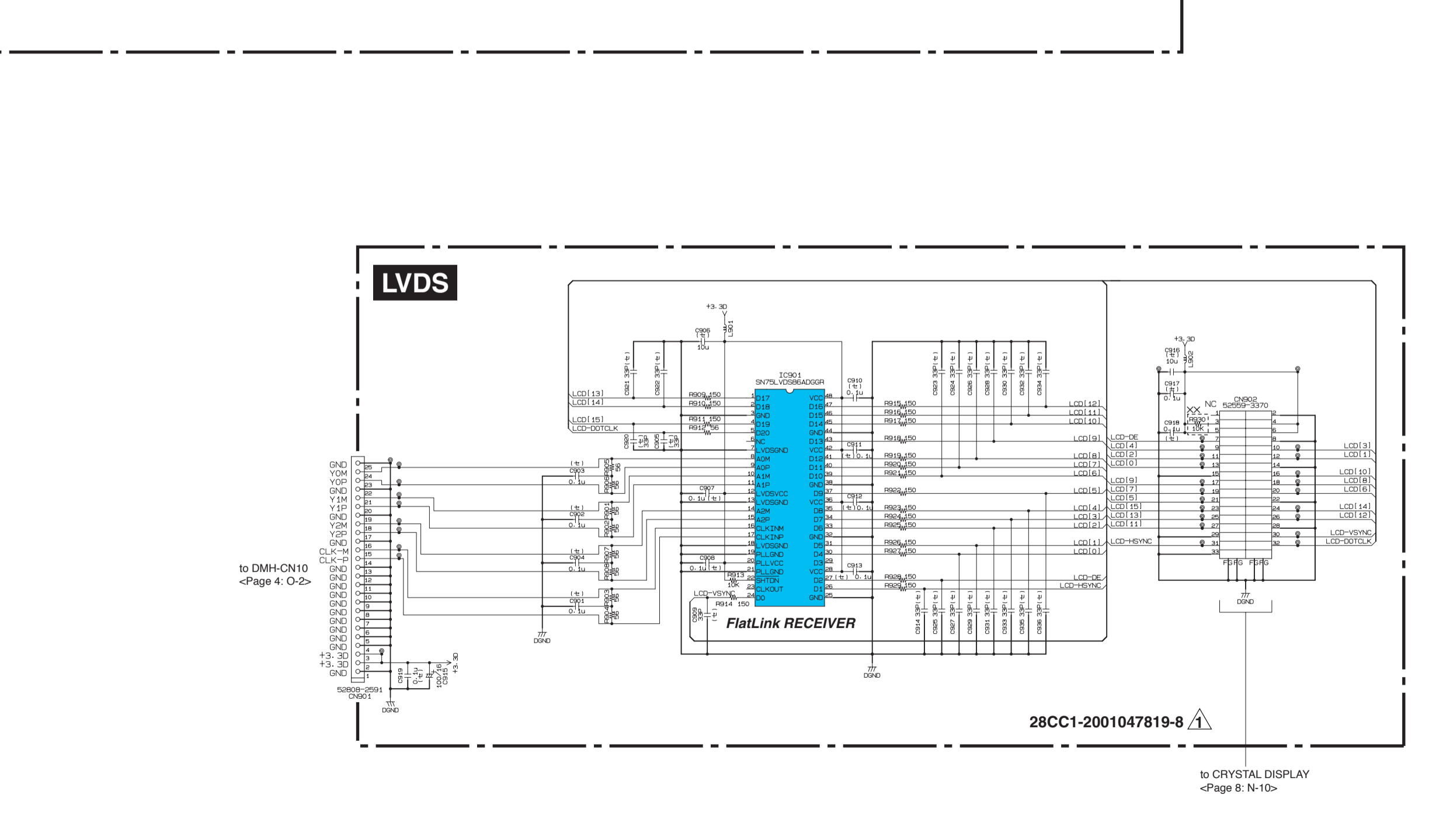
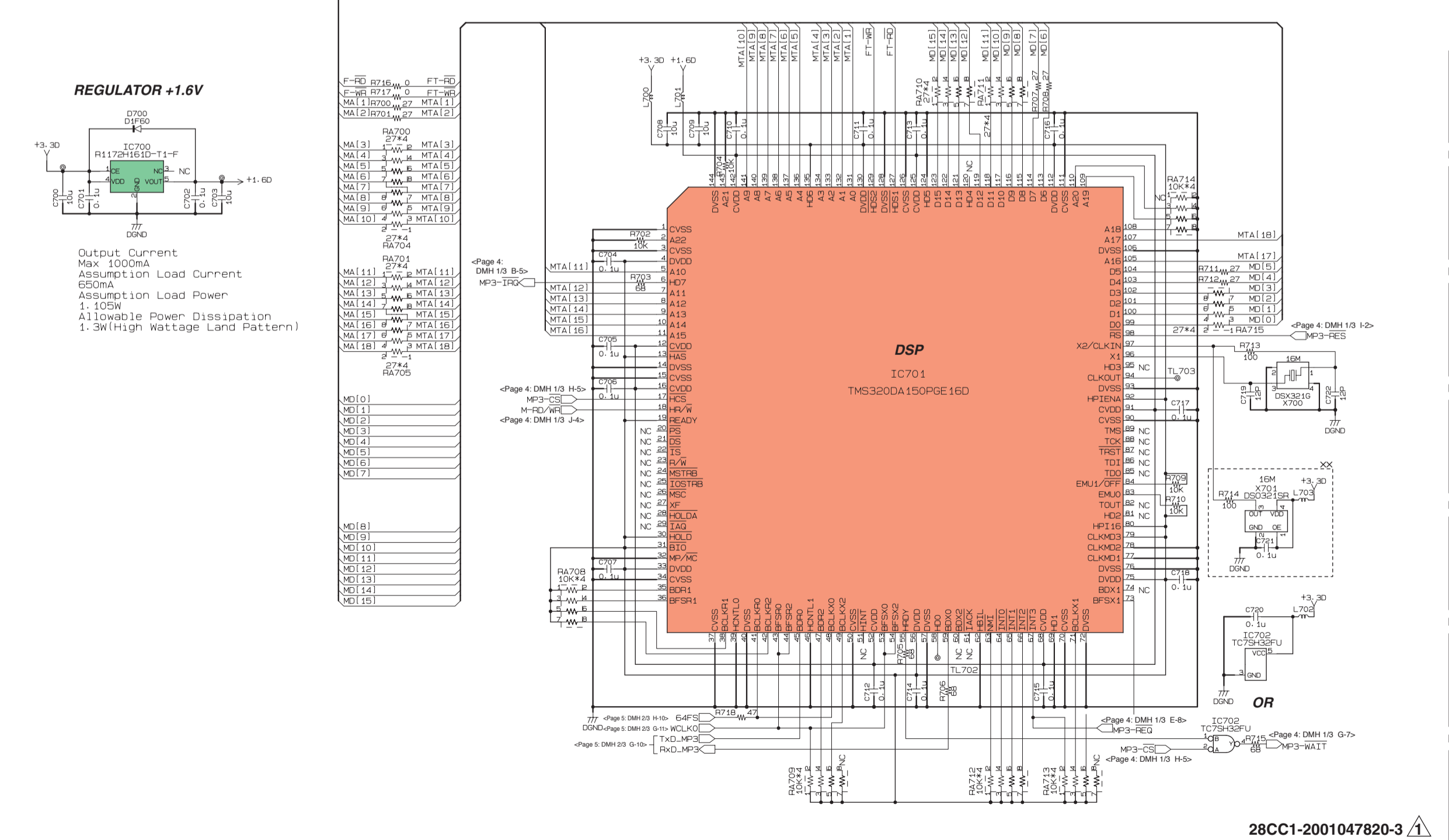
28CC1-2001047820-2

XX : Not installed  
Note: See parts list for details of circuit board component parts.

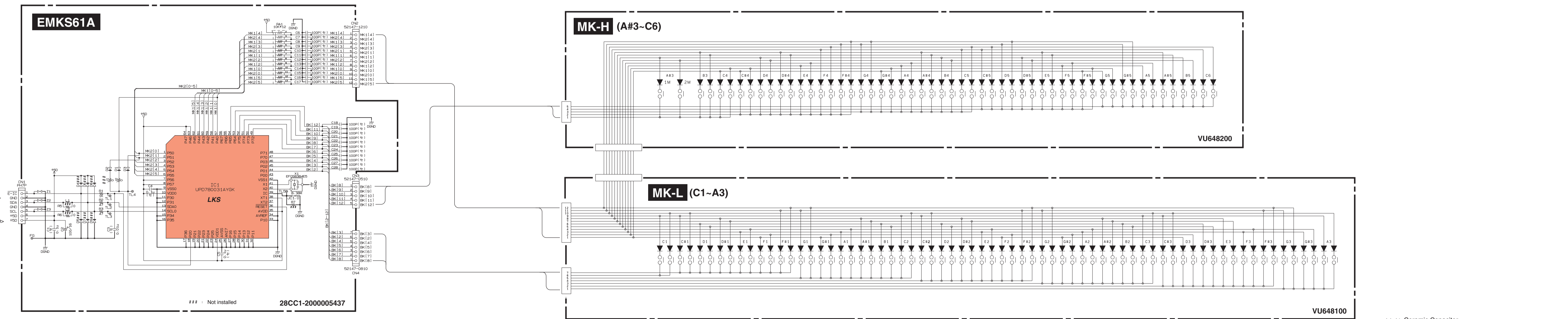
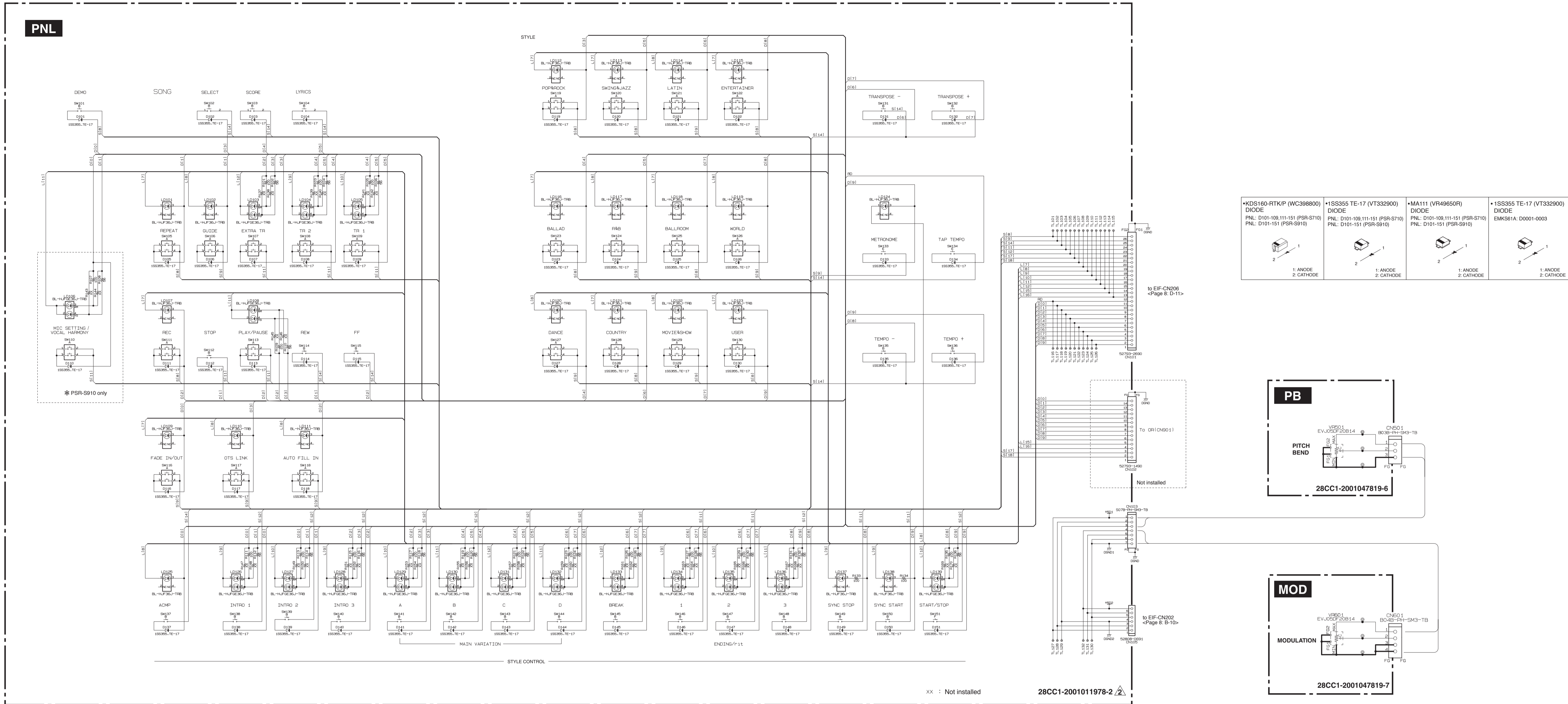
DMH 3/3



- R1172H161D-T1-F (V054A00)**  
REGULATOR +1.6V  
DMH-IC700
- D1F60 (VS20110R)**  
DIODE 1.0A 600V  
DMH-D700
- MX9 (V273190R)**  
PAIR TRANSISTOR  
DMH-T600

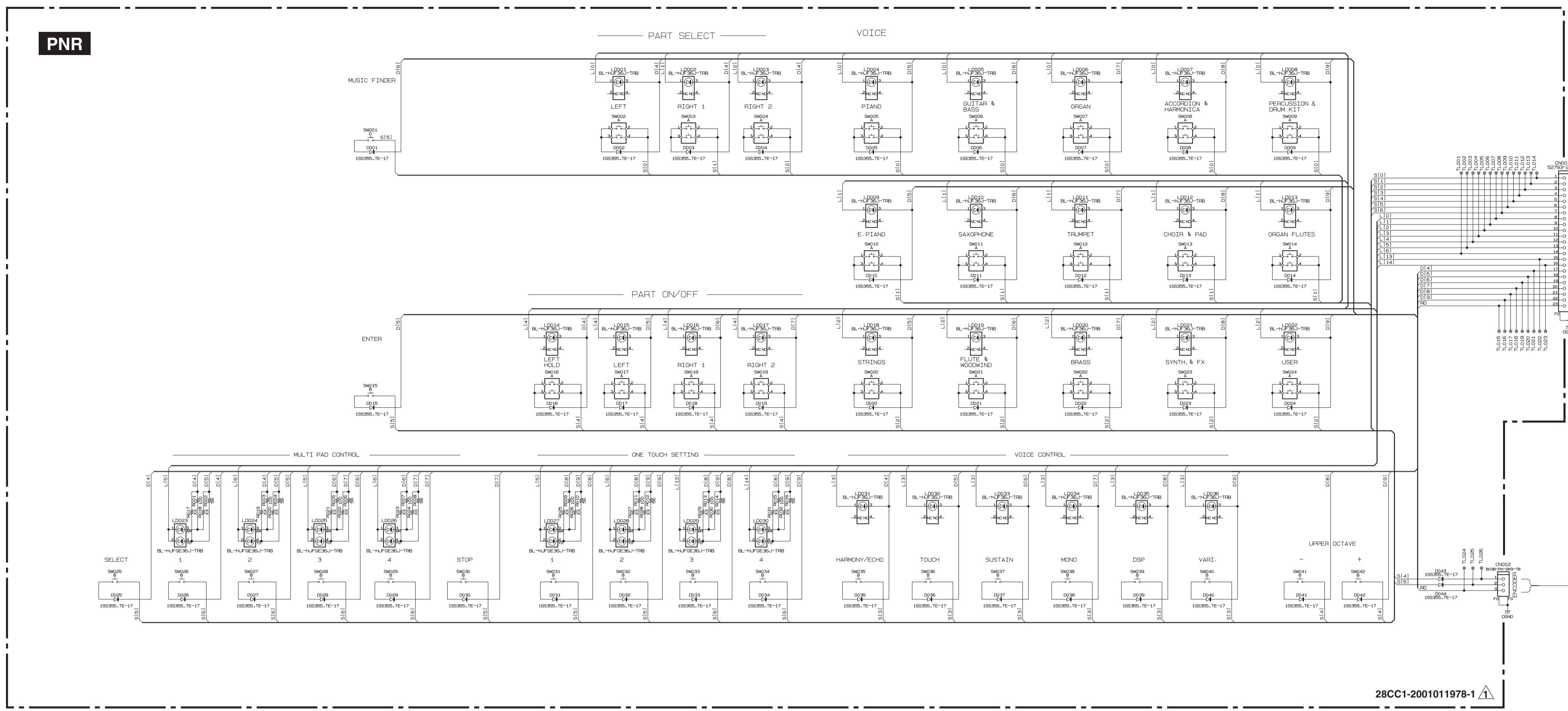


XX : Not installed  
 † : Ceramic Capacitor  
 Note: See parts list for details of circuit board component parts.

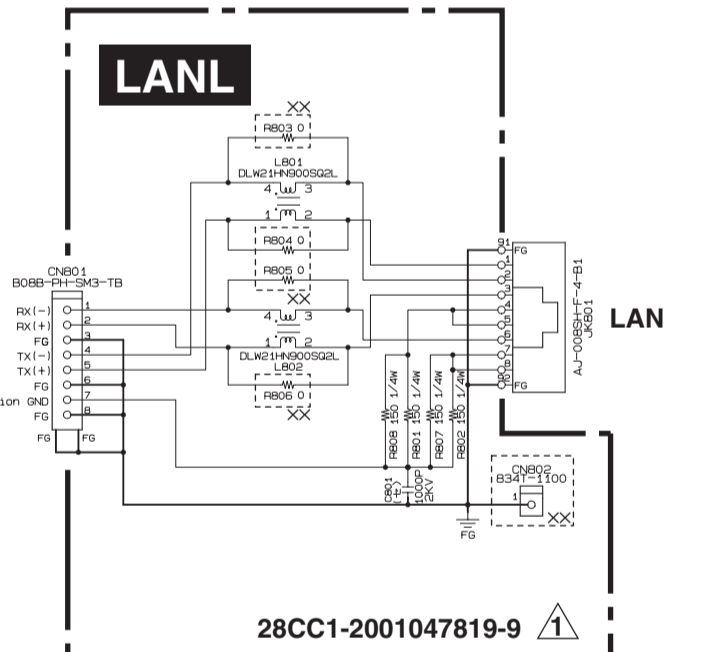
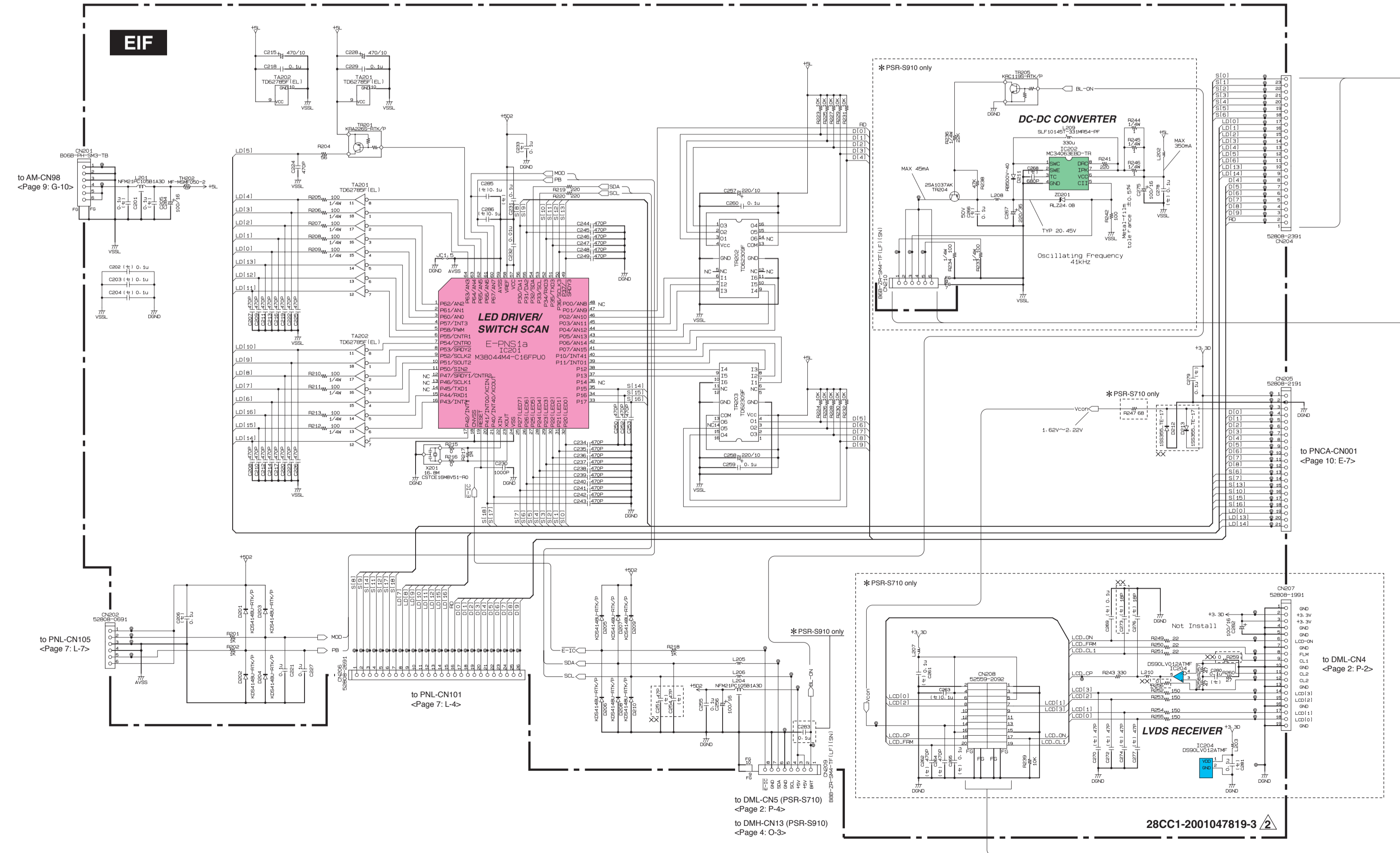
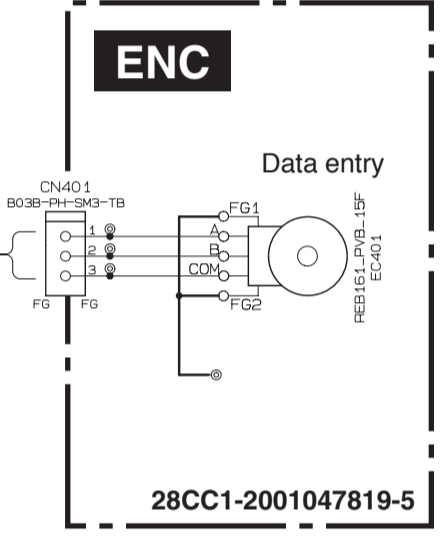


(C) Ceramic Capacitor

Note : See parts list for details of circuit board component parts.



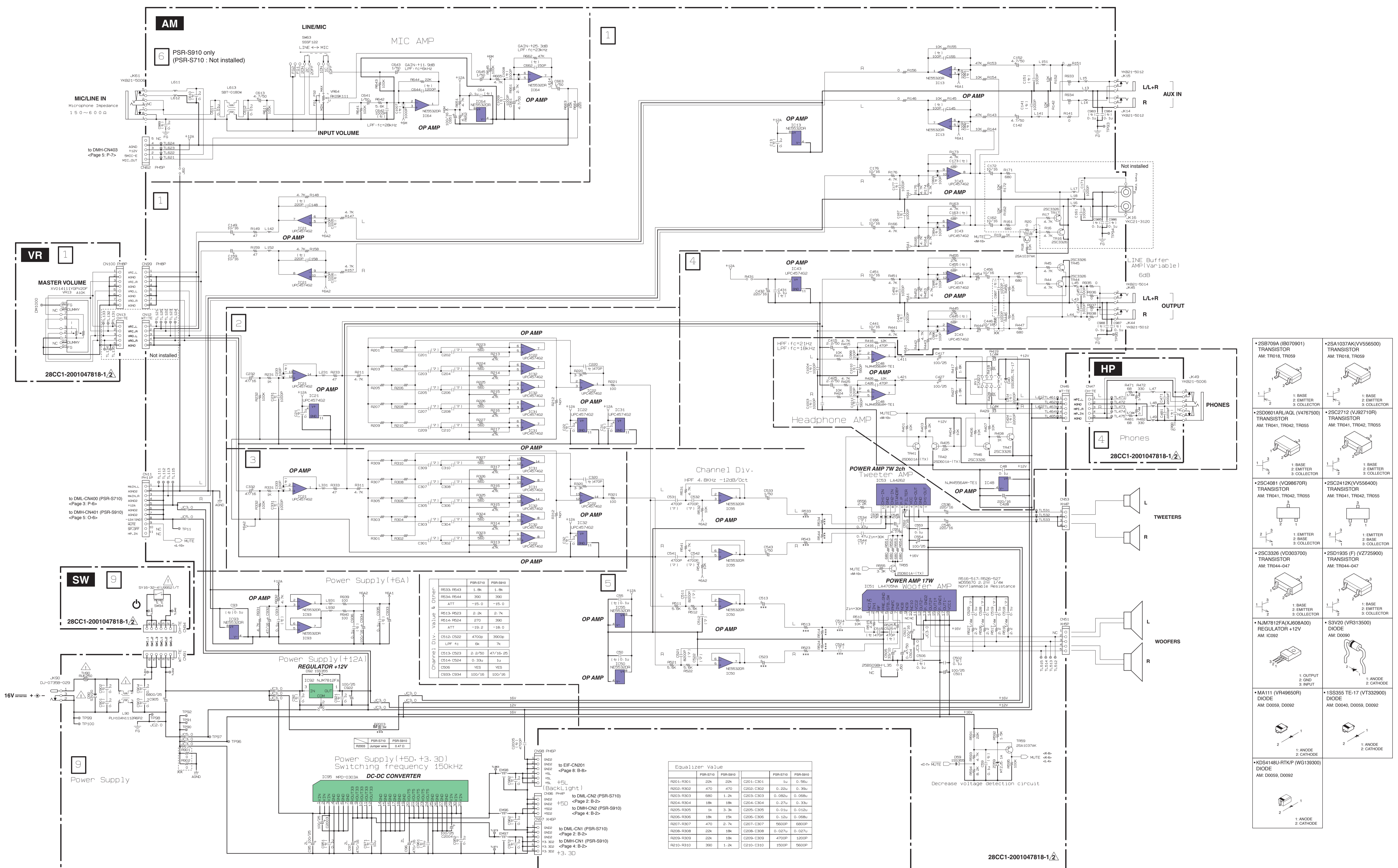
<p>•KDS160-RTK/P (WC398800) DIODE PNR: D001-044</p> <p>1: ANODE 2: CATHODE</p>	<p>•1SS355 TE-17 (VT332900) DIODE PNR: D001-044</p> <p>1: ANODE 2: CATHODE</p>	<p>•MA111 (VR49650R) DIODE PNR: D001-044</p> <p>1: ANODE 2: CATHODE</p>	<p>•KDS4148U-RTK/P (WG139300) DIODE EIF: D201-204, D205-210</p> <p>1: ANODE 2: CATHODE</p>
<p>•KRA226S (WG889900) DIGITAL TRANSISTOR EIF: TR201</p> <p>1. COMMON (EMITTER) 2. IN (BASE) 3. OUT (COLLECTOR)</p>	<p>•KRC119S (WF888500) DIGITAL TRANSISTOR EIF: TR205</p> <p>1. EMITTER 2. BASE 3. COLLECTOR</p>	<p>•2SA1037AK (VV556500) TRANSISTOR EIF: TR204</p> <p>1. BASE 2. EMITTER 3. COLLECTOR</p>	<p>•RB500V-40 (V2376600) DIODE EIF: D211</p> <p>1: ANODE 2: CATHODE</p>



×× : Not installed  
 (C) : Ceramic Capacitor  
 (M) : Mylar Capacitor

Note: See parts list for details of circuit board component parts.





Channel Div. Value & Other

R533-R543	1.8k	1.8k
R534-R544	390	390
ATT	-15.0	-15.0
R513-R523	0.2k	0.7k
R514-R524	270	390
ATT	-19.2	-18.0
C510-C520	4700p	3900p
LPF fc	6k	7k
C513-C523	2.2/50	47/16.25
C514-C524	0.33u	1u
C506	YES	YES
C533-C534	100/16	100/16

Equalizer Value

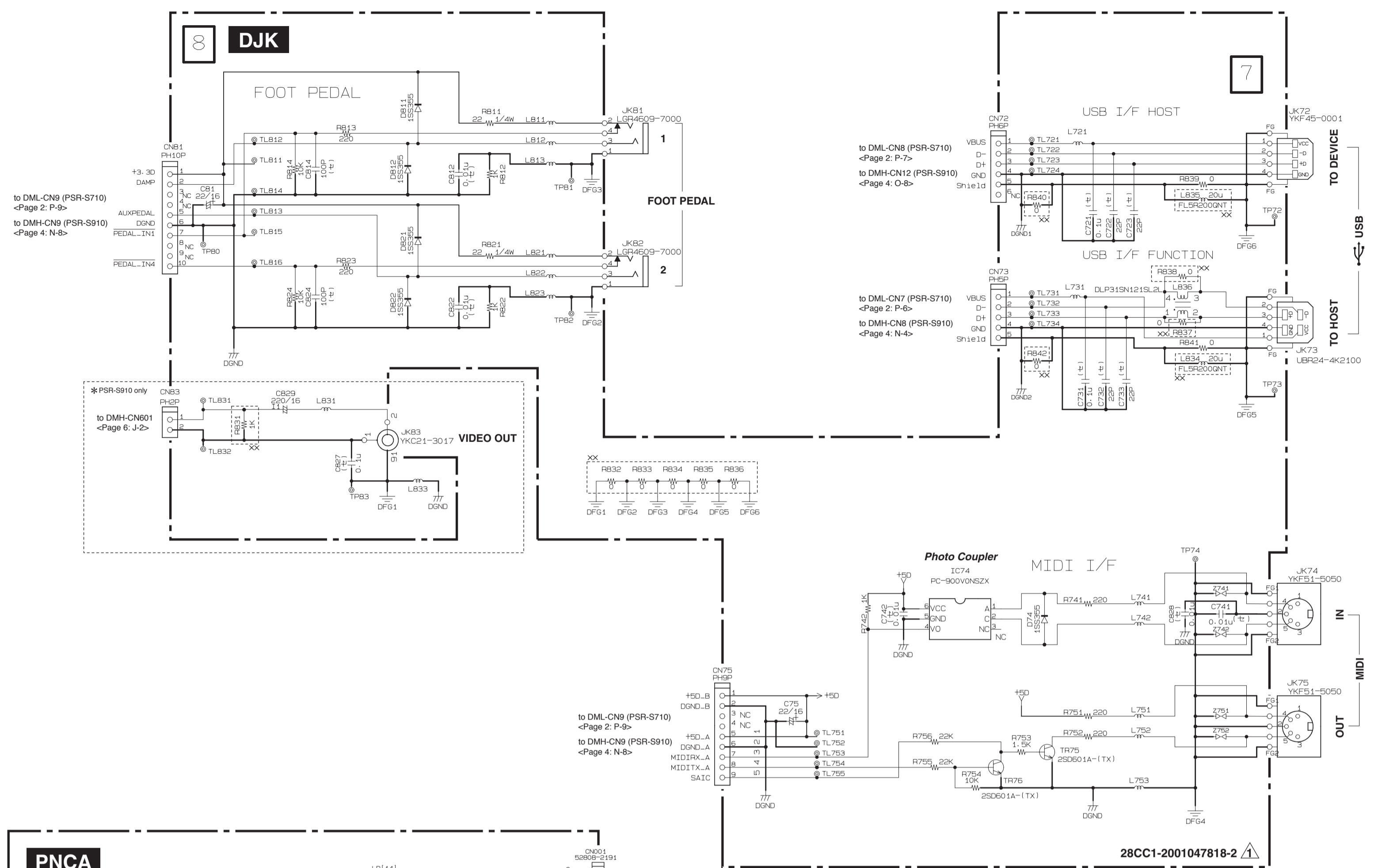
	PSR-S710	PSR-S910		PSR-S710	PSR-S910
R201-R301	25k	25k	C201-C301	1u	0.96u
R203-R303	470	470	C205-C305	0.22u	0.39u
R203-R303	690	1.2k	C203-C303	0.082u	0.059u
R204-R304	18k	18k	C204-C304	0.27u	0.20u
R205-R305	1k	3.3k	C205-C305	0.01u	0.015u
R206-R306	18k	15k	C206-C306	0.12u	0.082u
R207-R307	470	2.7k	C207-C307	5600p	6800p
R208-R308	22k	18k	C208-C308	0.027u	0.027u
R209-R309	22k	18k	C209-C309	4700p	1200p
R210-R310	390	1.2k	C210-C310	1500p	5600p

- 2SB709A (1B070901) TRANSISTOR AM: TR018, TR059
- 2SA1037AK (V556500) TRANSISTOR AM: TR018, TR059
- 2SD0601ARL/AQL (V4767500) TRANSISTOR AM: TR041, TR042, TR055
- 2SC2712 (V492710R) TRANSISTOR AM: TR041, TR042, TR055
- 2SC4081 (V098670R) TRANSISTOR AM: TR041, TR042, TR055
- 2SC2412K (V556400) TRANSISTOR AM: TR041, TR042, TR055
- 2SC3326 (V0303700) TRANSISTOR AM: TR044-047
- 2SD1936 (F) (V2725900) TRANSISTOR AM: TR044-047
- N1M7812FA (XJ608A00) REGULATOR +12V AM: IC092
- SV200 (VR13500) TRANSISTOR AM: D0059
- MA111 (VR49650R) DIODE AM: D0059, D0092
- 1SS355 TE-17 (V7332900) DIODE AM: D0040, D0059, D0092
- KDS4148U-RT/KP (WG138300) DIODE AM: D0059, D0092

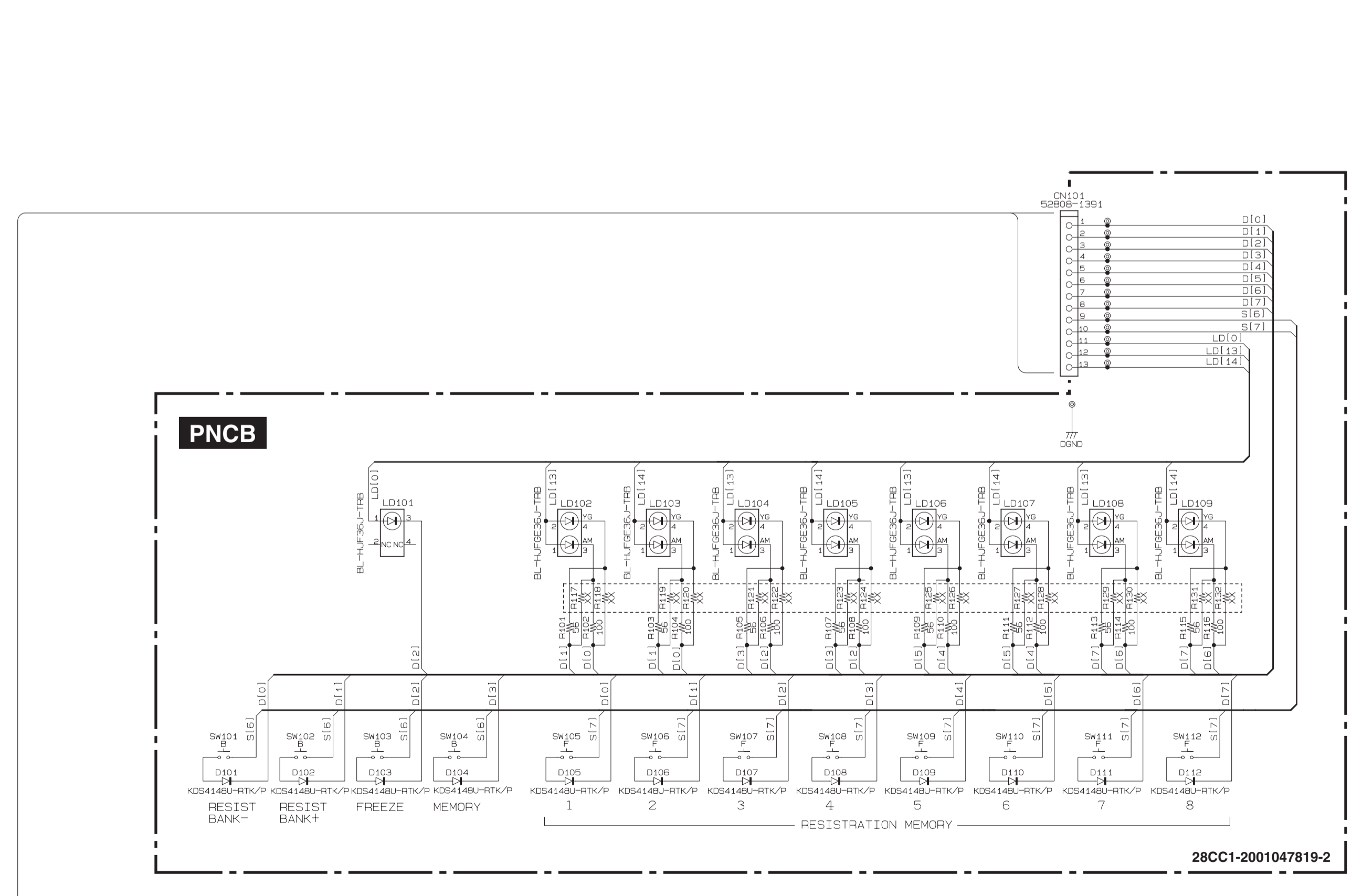
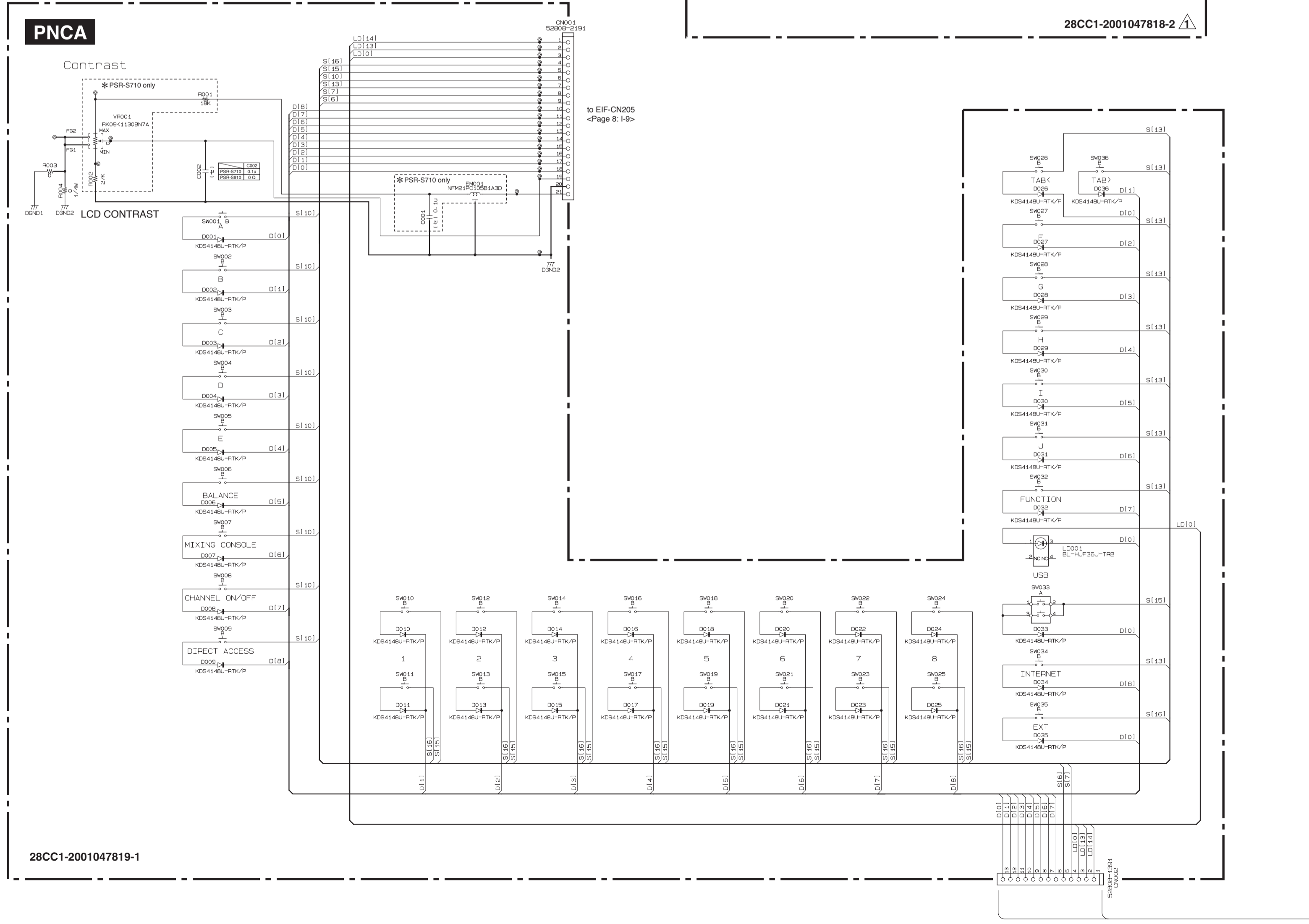
**WARNING**  
Components having special characteristics are marked with a triangle and must be replaced with parts having specifications equal to those originally installed.

XX : Not installed  
 (C) : Ceramic Capacitor  
 (M) : Mylar Capacitor  
 (R) : Metal Oxide Film Resistor

Note: See parts list for details of circuit board component parts.



<p>•1SS355 TE-17 (VT332900) DIODE DJK: D0074, D0811, D0812, D0821, D0822</p> <p>1: ANODE 2: CATHODE</p>	<p>•MA111 (VR49650R) DIODE DJK: D0074, D0811, D0812, D0821, D0822</p> <p>1: ANODE 2: CATHODE</p>	<p>•KDS4148U-RTK/P (WG139300) DIODE DJK: D0074, D0811, D0812, D0821, D0822 PNCA: D001-036 PNCB: D101-112</p> <p>1: ANODE 2: CATHODE</p>	<p>•2SD0601ARL/AQL (V4767500) TRANSISTOR DJK: TR075, TR076</p> <p>1: BASE 2: EMITTER 3: COLLECTOR</p>	<p>•2SC2712 (VJ92710R) TRANSISTOR DJK: TR075, TR076</p> <p>1: BASE 2: EMITTER 3: COLLECTOR</p>	<p>•2SC4081 (VQ98670R) TRANSISTOR DJK: TR075, TR076</p> <p>1: EMITTER 2: BASE 3: COLLECTOR</p>	<p>•2SC2412K (VV556400) TRANSISTOR DJK: TR075, TR076</p> <p>1: EMITTER 2: BASE 3: COLLECTOR</p>
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× : Not installed  
 (±) : Ceramic Capacitor  
 Note: See parts list for details of circuit board component parts.