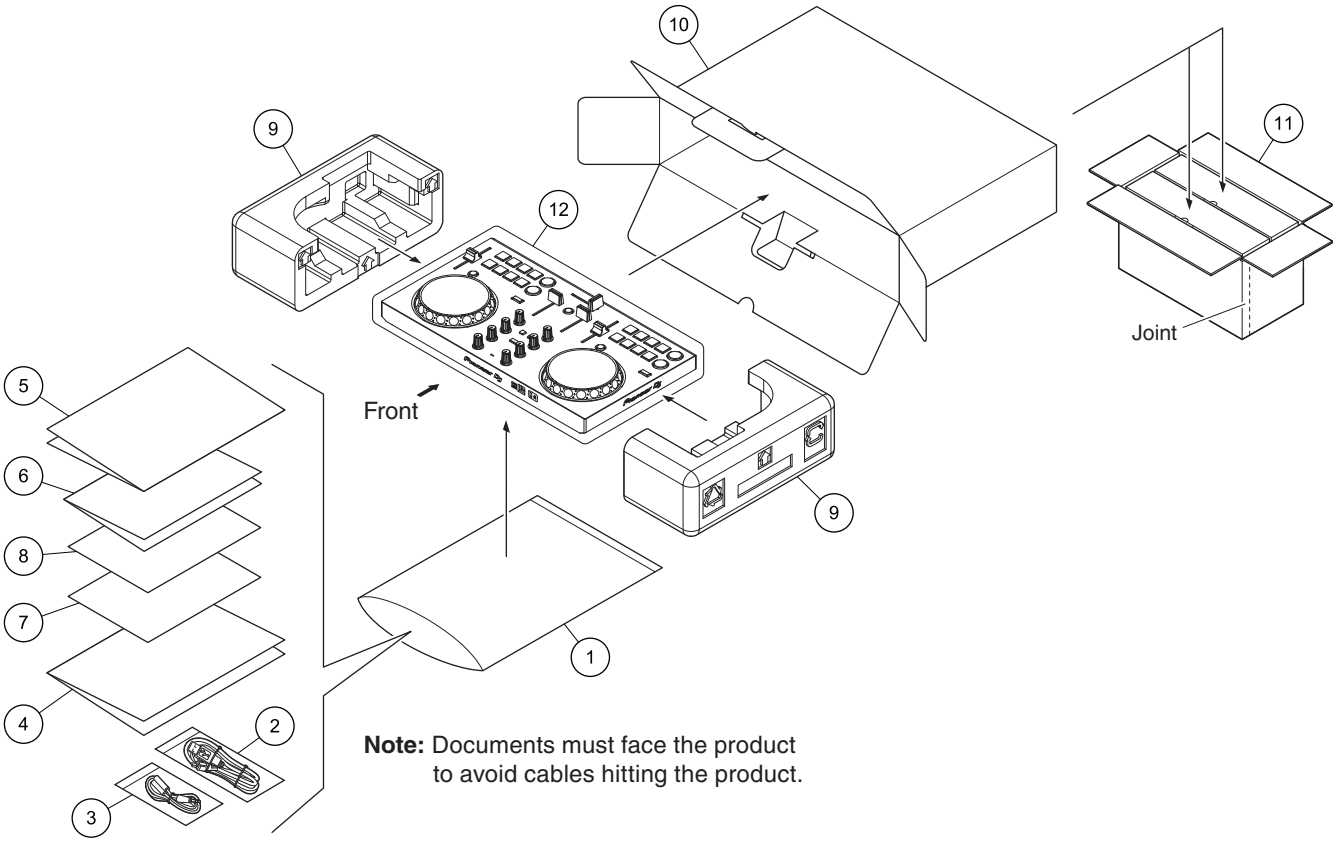
9. EXPLODED VIEWS AND PARTS LIST

NOTES: ● *Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.*
● *The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.*
● *Screws adjacent to ▼ mark on product are used for disassembly.*
● *For the applying amount of lubricants or glue, follow the instructions in this manual. (In the case of no amount instructions, apply as you think it appropriate.)*

9.1 PACKING SECTION



Note: Documents must face the product to avoid cables hitting the product.

(1) PACKING SECTION PARTS LIST

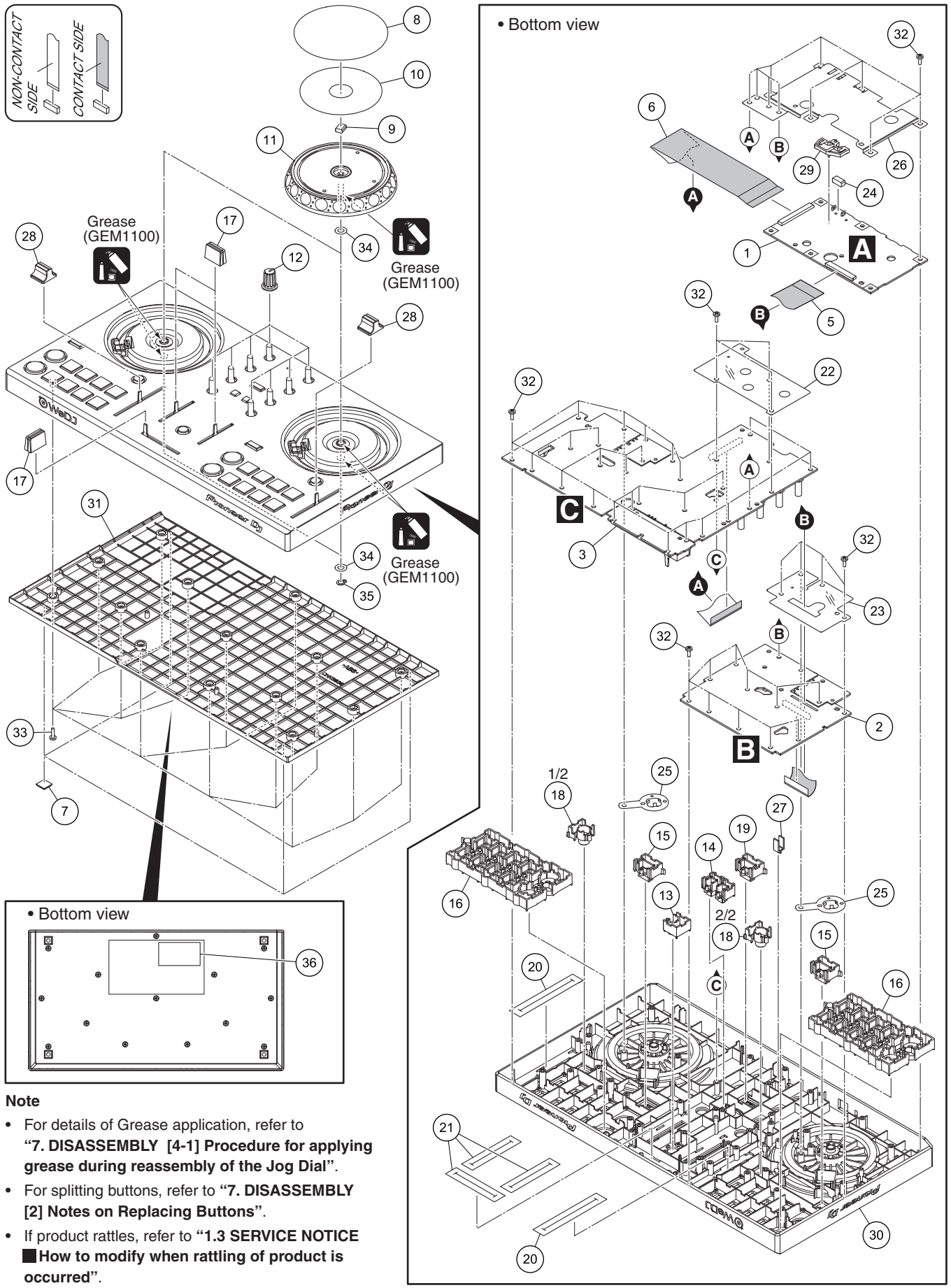
Mark	No.	Description	Part No.
NSP	1	Polyethylene Bag	AHG7117
	2	USB Cable	DDE1150
	3	Split Cable	DDE1151
	4	Quick Start Guide	See Contrast table (2)
	5	Precautions For Use	See Contrast table (2)
NSP	6	Warranty	See Contrast table (2)
NSP	7	Leaflet	See Contrast table (2)
NSP	8	Leaflet	See Contrast table (2)
	9	Pad	DHA1994
	10	Packing Case	See Contrast table (2)
	11	Master Carton	See Contrast table (2)
	12	Mirror Mat	DHL1204

(2) CONTRAST TABLE

SYXJ and XJCN are constructed the same except for the following:

Mark	No.	Symbol and Description	SYXJ	XJCN
	4	Quick Start Guide	DRH1543	DRH1545
	5	Precautions For Use	DRH1544	DRH1546
NSP	6	Warranty	DRY1270	Not used
NSP	7	Leaflet	DRH1564	DRH1566
NSP	8	Leaflet	DRH1565	DRH1567
	10	Packing Case	DHG3678	DHG3680
	11	Master Carton	DHG3679	DHG3681

9.2 EXTERIOR SECTION



Note

- For details of Grease application, refer to **"7. DISASSEMBLY [4-1] Procedure for applying grease during reassembly of the Jog Dial"**.
- For splitting buttons, refer to **"7. DISASSEMBLY [2] Notes on Replacing Buttons"**.
- If product rattles, refer to **"1.3 SERVICE NOTICE ■How to modify when rattling of product is occurred"**.

(1) EXTERIOR SECTION PARTS LIST

Mark	No.	Description	Part No.
	1	MAIN ASSY	DWX4218
	2	PNL1 ASSY	DWX4219
	3	PNL2 ASSY	DWX4220
	4	•••••	
	5	FFC	DDD1909
	6	FFC	DDD1910
	7	Rubber Foot	VEB1349
	8	Plate	DAH3244
	9	Gasket/JOG	DEC3539
	10	DS Tape	DEH1097
	11	Jog Dial	DNK6841
	12	Knob/PLS	DAA1324
	13	Button/MIX	DAC2951
	14	Button/FX	DAC2796
	15	Button/SHIFT	DAC3206
	16	Button/PAD	DAC3439
	17	Knob	DAC3440
	18	Button/BEAT SYNC	DAC3441
	19	Button/MASTER	DAC3442
	20	Packing/TMP	DEC3392
	21	Sheet	DEC3795
	22	Sheet	DEC3822
	23	Sheet	DEC3823
	24	Gasket	DEC3824
	25	Plate	DNH3401
	26	Shield Case	DNH3402
	27	Lens	DNK5862
	28	Knob/TEMPO	DNK6839
	29	Cover	DNK6840
	30	Control Panel	DNK6837
	31	Chassis	DNK6838
	32	Screw	BPZ30P080FNI
	33	Screw	BPZ30P100FTB
	34	Washer	WA62D095D050
	35	Washer	YC60FAC
NSP	36	Name Label	See Contrast table (2)

(2) CONTRAST TABLE

SYXJ and XJCN are constructed the same except for the following:

Mark	No.	Symbol and Description	SYXJ	XJCN
NSP	36	Name Label	Not used	DRW2792

12. PCB PARTS LIST

NOTES: ● *Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.*
● *The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.*
● *When ordering resistors, first convert resistance values into code form as shown in the following examples.*
Ex.1 When there are 2 effective digits (any digit apart from 0), such as 560 ohm and 47 k ohm (tolerance is shown by J = 5%, and K = 10%).

560 Ω	→	*56 × 10¹*	→	*561* ····· *RD1/4PU 5 6 1 J*
47 kΩ	→	*47 × 10³*	→	*473* ····· *RD1/4PU 4 7 3 J*
0.5 Ω	→	*R50*		····· *RN2H R 5 0 K*
1 Ω	→	*1R0*		····· *RS1P 1 R 0 K*

Ex.2 When there are 3 effective digits (such as in high precision metal film resistors).

5.62 kΩ	→	*562 × 10¹*	→	*5621* ····· *RN1/4PC 5 6 2 1 F*

Mark	No.	Description	Part No.

LIST OF ASSEMBLIES

	1	MAIN ASSY	DWX4218
NSP	1	PNLA ASSY	DWM2704
	2	PNL1 ASSY	DWX4219
	2	PNL2 ASSY	DWX4220

Mark	No.	Description	Part No.

A

Unit Number: DWX4218
Unit Name: MAIN ASSY

SEMICONDUCTORS

⚠	IC	101,102	Regulator IC	MM3411A33N
⚠	IC	103	Regulator IC	S-1172B1C-U5
	IC	501	Flash Blank UC IC	R5S726A0D216FP
	IC	502	Flash ROM	DYW2152*
			*Part number of the initial firmware equipped	
	IC	503	IC	S-80927CNMC-G8X
	IC	504,505	Logic IC	TC7SH08FUS2
	IC	1001	Logic IC	TC7SHU04FUS2
	IC	1002,1003	Logic IC	74VHC4051AFT
	Q	103	Resistor Built-IN TR	LTC024EEB
⚠	Q	104	FET	RTQ040P02
	Q	105	Transistor	KTX101U
	Q	1003	Resistor Built-IN TR	LTC024EEB
	D	105	Switching Diode	1SS355VM

MISCELLANEOUS

	L	101	Coil	ATH7015
	L	501	Chip Coil	LCTAW330J2520
	L	502	Inductor	CTF1793
	L	1002	Chip Solid Inductor	XTL3010
	X	501	Resonator	CSS1760
	X	1001	Resonator	CSS1807
⚠	P	101	Protector(2.5A)	AEK1077
	U	1001	BT Module	CWX4751
	CN	1001	Connector	CKS6025
	CN	1002	Connector 40Pin	DKN1481
	JA	101	USB Jack	DKN1679

Mark	No.	Description	Part No.

RESISTORS

	R	103,104,105,106,122,513	RS1/16SS104J
	R	110,121,512,517,518,519	RS1/16SS103J
	R	124,125	RS1/16SS1002D
	R	126	RS1/16SS223J
	R	127	RS1/16SS472J
	R	128	RS1/16SS0R0J
	R	503,504,505,506,530,532	RAB4CQ560J
	R	507	RS1/16SS221J
	R	508,525,528,540,542,543	RS1/16SS101J
	R	509,510,514,515,516,521	RS1/16SS560J
	R	520,523	RS1/16SS104J
	R	522,545	RS1/16SS560J
	R	524,526,527,529	RS1/16SS330J
	R	531	RAB4CQ472J
	R	533	RS1/16SS102J
	R	534,537	RAB4CQ103J
	R	535	RS1/16SS472J
	R	536,538,554,1007,1008	RS1/16SS103J
	R	539	RS1/16SS0R0J
	R	541	RS1/16SS221J
	R	544	RAB4CQ560J
	R	546,547	RS1/16SS220J
	R	548,551,1036,1037,1039	RS1/16SS101J
	R	549	RS1/16SS152J
	R	550,1006	RS1/16SS105J
	R	552	RS1/16SS223J
	R	553	RS1/16SS331J
	R	1001,1005	RS1/16SS106J
	R	1009	RS1/16SS103J
	R	1010,1011,1013,1014	RS1/16SS560J
	R	1038	RAB4CQ101J
	R	1040,1041,1042,1043,1044	RS1/16SS101J
	R	1045,1046,1047	RS1/16SS101J

CAPACITORS

	C	102,103	CCG1234
	C	104,105,110,111,115	CKSRYB105K10
	C	108,118,121	CCG1201
	C	112,513,514,515,516,517	CCSSCH101J50
	C	113	CKSSYB103K16
	C	122	DCH1266
	C	501,502	CEVW470M6R3
	C	507,508,509,510,511,512	CCSSCH471J50
	C	518,519,520,521,523,524	CCSSCH101J50
	C	522	CCSSCH102J50

Mark	No.	Description	Part No.
	C	525,532,534,538,539	CCSSCH101J50
	C	526,527,528,529,530,531	CKSSYB104K10
	C	533,536,537,540,541,542	CKSSYB104K10
	C	543,544,545,546,547,548	CCSSCH471J50
	C	549,551,552,554,563,567	CKSSYB104K10
	C	550,562,1004,1006,1008	CCSSCH471J50
	C	553,1003	CKSSYB103K16
	C	555	DCH1246
	C	556,557,568,575,1005	CCSSCH102J50
	C	558,559,560,1007,1014	CCSSCH101J50
	C	566	CEVW470M6R3
	C	569,572,573,576,1002	CKSSYB104K10
	C	570,1021	CCG1234
	C	571	CKSSYB222K50
	C	574,1013	CCSSCH120J50
	C	577	CCSSCH100D50
	C	1009,1011,1012,1027,1028	CCSSCH471J50
	C	1010	CCSSCH150J50
	C	1015,1016,1038,1040,1042	CKSRYB104K10
	C	1017	CCSSCH102J50
	C	1018	CKSSYB104K10
	C	1022,1031	CKSSYB103K16
	C	1029,1030,1032,1033,1034	CCSSCH471J50
	C	1035	CCSSCH471J50
	C	1039,1041,1044,1045,1046	CCSRCH102J50
	C	1043,1048,1049	CKSRYB104K10
	C	1047	CCSRCH102J50

PNLA ASSY
Consist of
PNL1 ASSY
PNL2 ASSY

B C

Unit Number: DWM2704
Unit Name: PNLA ASSY

SEMICONDUCTORS

	IC	5501 Flash Written UC IC	DYW2151*
		*Part number of the initial firmware equipped	
	IC	6101 Flash Written UC IC	DYW2151*
		*Part number of the initial firmware equipped	
	Q	5001,5003,5005 Transistor	LTC124EUB
	Q	5002,5004,5006 Transistor	2SAR502UB
	Q	5007,5501,5502 Transistor	LTC124EUB
	Q	5008,6002,6004 Transistor	2SAR502UB
	Q	5009,5010,5011 Bipolar TR	LSCR523UB
	Q	5503,6001,6003 Transistor	LTC124EUB
	Q	5504,5505,6105 Transistor	2SC4154-11
	Q	6005,6007,6101 Transistor	LTC124EUB
	Q	6006,6008 Transistor	2SAR502UB
	Q	6009,6010,6011 Bipolar TR	LSCR523UB
	Q	6012,6013 Bipolar TR	LSCR523UB
	Q	6102,6103,6104 Transistor	LTC124EUB
	Q	6106 Transistor	2SC4154-11
	D	5001,5004 LED(Green)	SLI-343M8G(GHJ)
	D	5002,5003,5006,5007 LED(Red)	SLI-343U8R(HJK)
	D	5005,5008 LED(Amber)	SLI-343Y8Y(KLM)
	D	5009,5010,5011,5012 LED(Red)	SLI-343U8R(HJK)
	D	5013,6002,6003,6007 LED(Red)	SLI-343U8R(HJK)
	D	5501,5502 Switching Diode	1SS355VM
	D	5503,5504 Switching Diode	1SS355VM
	D	5505,5506 Switching Diode	1SS355VM
	D	5507,5508 Switching Diode	1SS355VM
	D	5509,5510 Switching Diode	1SS355VM
	D	5511,5513 Switching Diode	1SS355VM
	D	5512 Schottky Diode	RB501VM-40
	D	5514,5515 Switching Diode	1SS355VM
	D	6001,6004,6005 LED(Green)	SLI-343M8G(GHJ)
	D	6006,6009,6010 LED(Amber)	SLI-343Y8Y(KLM)
	D	6008,6011,6012,6013 LED(Red)	SLI-343U8R(HJK)
	D	6014,6018 LED(Amber)	SLI-343Y8Y(KLM)
	D	6015,6016,6017 LED(Red)	SLI-343U8R(HJK)
	D	6101,6102 Switching Diode	1SS355VM
	D	6103,6104 Switching Diode	1SS355VM
	D	6105,6106 Switching Diode	1SS355VM
	D	6107,6108 Switching Diode	1SS355VM
	D	6109,6110 Switching Diode	1SS355VM
	D	6111,6112 Switching Diode	1SS355VM
	D	6113,6114 Switching Diode	1SS355VM
	D	6115,6116 Switching Diode	1SS355VM
	D	6117,6118 Switching Diode	1SS355VM
	D	6119,6120 Switching Diode	1SS355VM
	D	6121 Schottky Diode	RB501VM-40
	D	6122,6123 Switching Diode	1SS355VM
	D	6124,6125 Switching Diode	1SS355VM

MISCELLANEOUS

	L	5501,5502,5503,6101 Inductor	CTF1379
	L	6102,6103 Inductor	CTF1379
	S	5501,5502,5503 Tact Switch	DSG1079
	S	5504,5505,5506 Tact Switch	DSG1079
	S	5507,5508,5509 Tact Switch	DSG1079
	S	5510,6113 Tact Switch	DSG1089
	S	5511,5512,6101 Tact Switch	DSG1079
	S	6102,6103,6104 Tact Switch	DSG1079
	S	6105,6106,6107 Tact Switch	DSG1079
	S	6108,6109,6110 Tact Switch	DSG1079
	S	6111,6112,6114 Tact Switch	DSG1079
	S	6115,6116 Tact Switch	DSG1079
	KN	5501,6101 Earth Terminal	AKF7002
	PC	5501,5502 Photo Interrupter	SG206S
	PC	6101,6102 Photo Interrupter	SG206S
	VA	5502,6102 SMD Varistor	EZJZ1V80010
	VA	5503,5504,6103 Varistors	EZJZ1V270RM
	VA	6104 Varistors	EZJZ1V270RM
	VR	5501,6112 Variable Resistor	DCV1011
	VR	6101,6102,6103 Potentiometer	DCS1097
	VR	6104,6107,6108 Potentiometer	DCS1097
	VR	6105,6111 Variable Resistor	DCV1024
	VR	6106 Variable Resistor	DCV1023
	VR	6109,6110 Potentiometer	DCS1097
	CN	5001 30P Connector	VKN1261
	CN	6001 40P Connector	VKN2007

Mark	No.	Description	Part No.
RESISTORS			
R	5001,5012,5015,5018,5023		RS1/10SR331J
R	5002,5013,5027,5035		RS1/10SR563J
R	5003,5014,5029,5036		RS1/10SR223J
R	5004,5005,5006,5007,5008		RS1/10SR121J
R	5009,5010,5011,5016,5017		RS1/10SR121J
R	5020,5021,5030,5031,5032		RS1/10SR121J
R	5024,5026,5034		RS1/10SR331J
R	5033,5037,5038,5040,5041		RS1/10SR121J
R	5039		RS1/10SR271J
R	5042,5043,5044,5514,5515		RS1/10SR222J
R	5045,5046,5047		RS1/10SR473J
R	5048,5050,5051		RS1/4SA0R0J
R	5049,5505,5520,5521,5522		RS1/10SR0R0J
R	5501,5523		RS1/8SQ0R0J
R	5503		RS1/10SR1502D
R	5504,6007		RS1/10SR221J
R	5506		RS1/10SR391J
R	5507,5508		RS1/10SR2201D
R	5509,5516,5517		RS1/10SR101J
R	5510,5511,5518,5519		RS1/10SR103J
R	5512,5513		RS1/10SR111J
R	5524		RS1/10SR2001D
R	6001,6014,6017,6021,6027		RS1/10SR331J
R	6002,6015,6031		RS1/10SR563J
R	6003,6016,6033		RS1/10SR223J
R	6004,6005,6006,6008,6009		RS1/10SR121J
R	6010,6011,6013,6018,6019		RS1/10SR121J
R	6012		RS1/10SR221J
R	6020		RS1/10SR151J
R	6023,6024,6035,6036,6039		RS1/10SR121J
R	6028,6030,6042		RS1/10SR331J
R	6034		RS1/10SR112J
R	6037,6047		RS1/10SR181J
R	6040,6045,6046,6049,6050		RS1/10SR121J
R	6043		RS1/10SR563J
R	6044		RS1/10SR223J
R	6048		RS1/10SR271J
R	6052,6053,6054,6055,6114		RS1/10SR222J
R	6056,6057,6058,6059,6061		RS1/10SR473J
R	6060		RS1/10SR122J
R	6101,6102,6126		DCN1187
R	6103		RS1/10SR2702D
R	6104		RS1/10SR221J
R	6105,6120,6121,6122		RS1/10SR0R0J
R	6106		RS1/10SR391J
R	6107,6108		RS1/10SR2201D
R	6109,6116,6117		RS1/10SR101J
R	6110,6111,6118,6119		RS1/10SR103J
R	6112,6113		RS1/10SR111J
R	6115		RS1/10SR222J
R	6123		RS1/8SQ0R0J
R	6124		RS1/10SR2001D
CAPACITORS			
C	5001,5003,5005,6001,6003		CEJQ101M16
C	5002,5004,5006,5503,5508		CKSRYB104K10
C	5502,5507,6113,6118		CCG1234
C	5504,6115		CCSRCH221J50
C	5509,6002,6004,6006,6101		CKSRYB104K10
C	6005		CEJQ101M16
C	6102,6103,6104,6105,6106		CKSRYB104K10
C	6107,6108,6109,6110,6111		CKSRYB104K10
C	6114,6119,6120		CKSRYB104K10
C	6123,6125		CCSRCH101J50
C	6124,6126		CCSRCH102J50