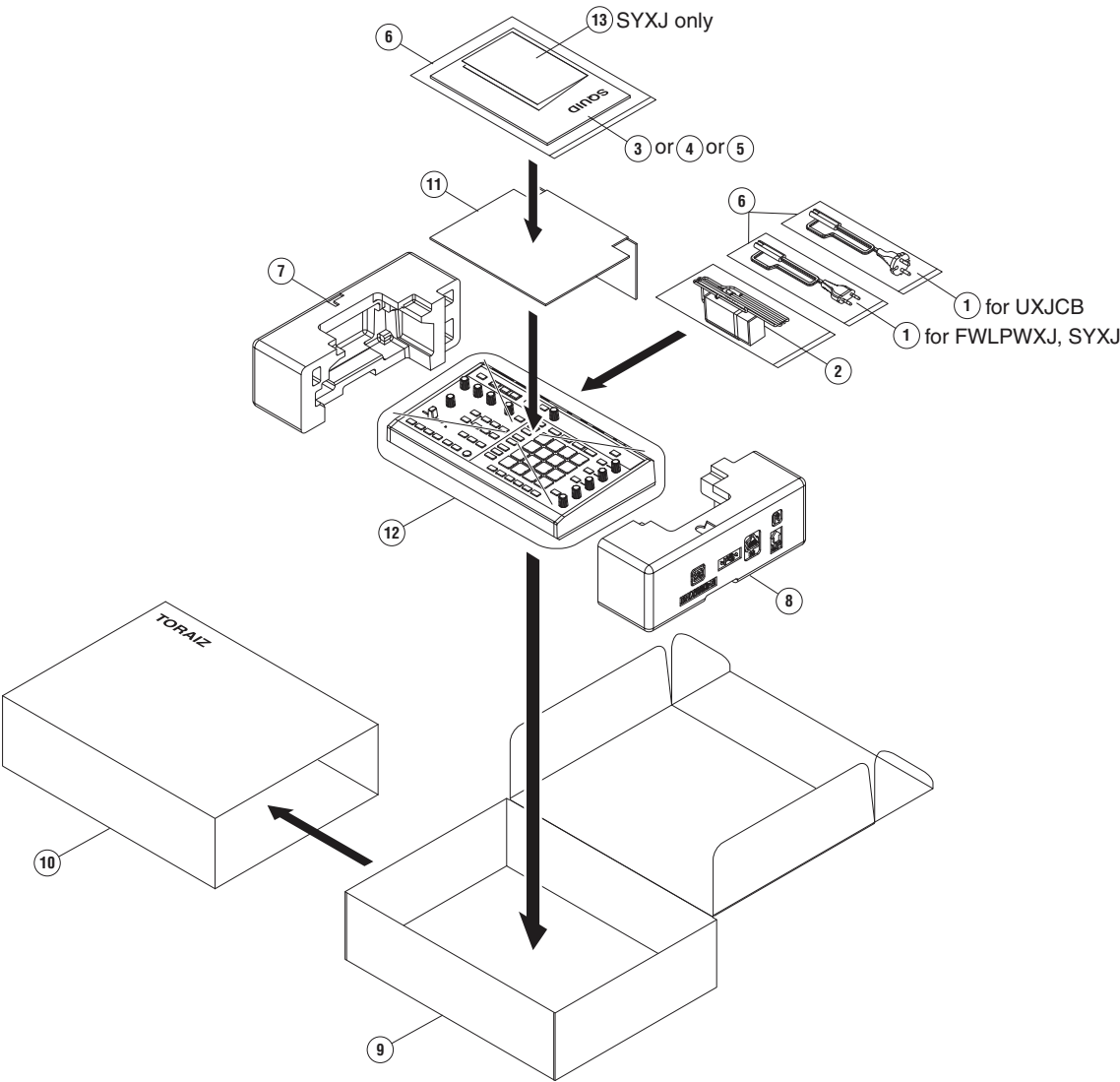


- NOTES:
- Parts marked by “NSP” are generally unavailable because they are not in our Master Spare Parts List.
 - The  mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.
 - Screws adjacent 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



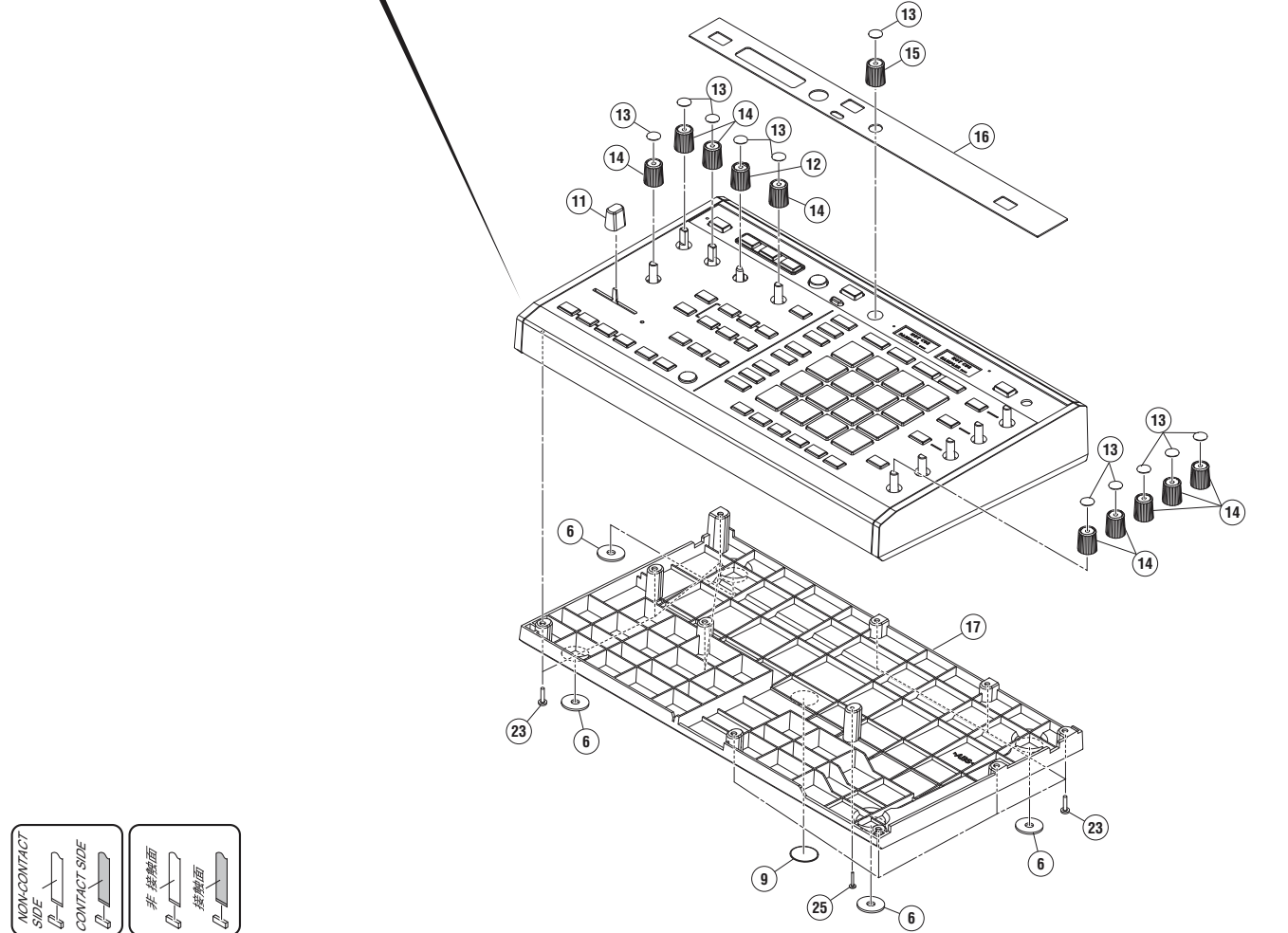
(1) PACKING SECTION PARTS LIST

<u>Mark No.</u>	<u>Description</u>	<u>Part No.</u>
⚠ 1	Power Cord	See Contrast table (2)
⚠ 2	AC Adapter	See Contrast table (2)
3	Operating Instructions (Quick Start Guide)	See Contrast table (2)
4	Operating Instructions (Quick Start Guide)	See Contrast table (2)
5	Operating Instructions (Quick Start Guide)	See Contrast table (2)
NSP 6	Polyethylene Bag	AHG7117
7	Packing Pad	DHA1982
8	Packing Pad	DHA1983
9	Packing Case	See Contrast table (2)
10	Packing Case	DHG3637
11	Partition	DHC1103
12	Packing Sheet	AHG7053
NSP 13	Warranty	See Contrast table (2)

(2) CONTRAST TABLE

SQUID/FWLPWXJ, SYXJ and UXJCB are constructed the same except for the following:

Mark	No.	Symbol and Description	SQUID/FWLPWXJ	SQUID/SYXJ	SQUID/UXJCB
⚠	1	Power Cord	ADG1154	ADG1154	XDG3052
⚠	2	AC Adapter	DWR1573 or DWR1579	DWR1570 or DWR1580	DWR1570 or DWR1580
	3	Operating Instructions (Quick Start Guide)(En, Es)	DRH1510	Not used	Not used
	4	Operating Instructions (Quick Start Guide) (En, Fr, De, It, Nl, Es, Pt, Ru)	Not used	DRH1508	Not used
	5	Operating Instructions (Quick Start Guide)(En)	Not used	Not used	DRH1509
	9	Packing Case	DHG3635	DHG3633	DHG3634
NSP	13	Warranty	Not used	DRY1270	Not used



EXTERIOR SECTION PARTS LIST

<u>Mark No.</u>	<u>Description</u>	<u>Part No.</u>
1	MAIN Assy	DWX4147
2	JACK Assy	DWX4148
3	FFC	DDD1853
4	Crimp Connector	PF09PP-D07
5	Stay	DNF2044
6	Cushion	DEC3177
7	Knob	DNK6607
8	Hook	DNK6679
9	Sheet	DAH3253
10	Cord Clamper (Steel)	RNH-184
11	Knob	DAA1389
12	Knob	DAA1377
13	Sheet	DAH3211
14	Knob	DAA1376
15	Knob	DAA1388
16	Panel	DAH3212
17	Chassis	DNK6767
18		
19	Screw	BBZ30P080FTB
20	Screw	BBZ30P060FTC
21	Screw	BBZ30P060FTB
22	Screw	BPZ30P120FTC
23	Screw	BPZ30P120FTB
24	Screw (M3*5)	DBA1340
25	Screw	DBA1453
26	Screw	PMH30P080FTB

A

B

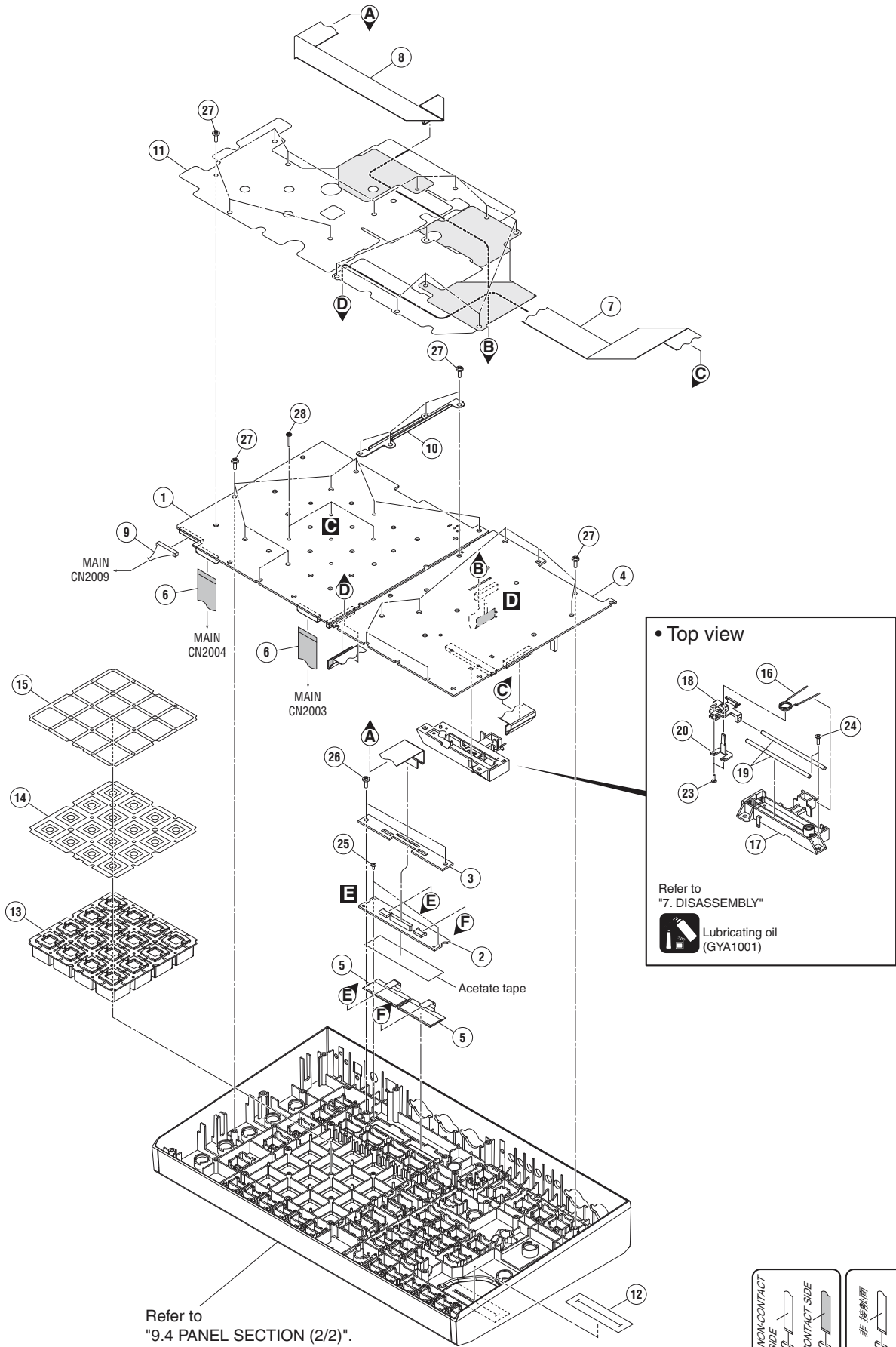
C

D

E

F

A • Bottom view

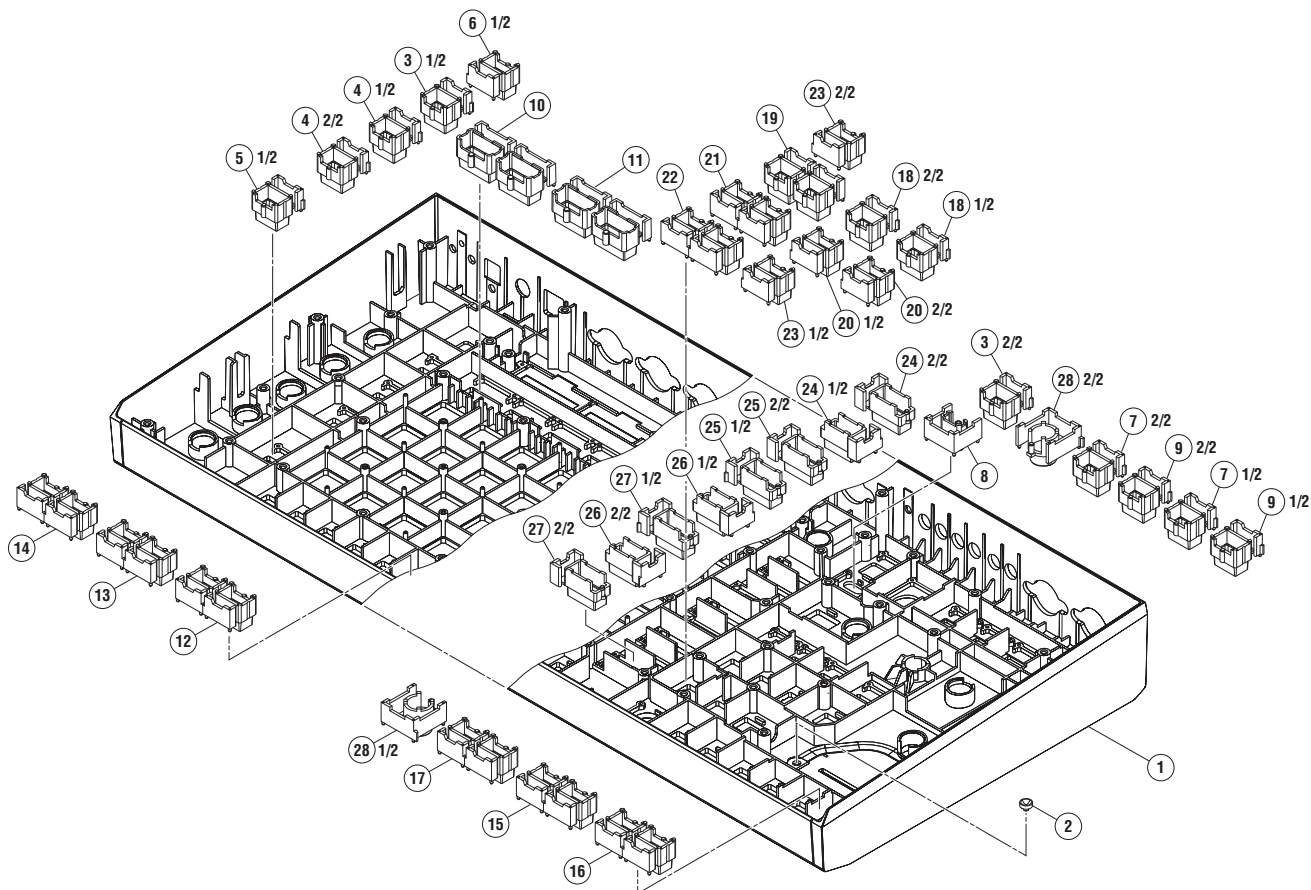


PANEL SECTION (1/2) PARTS LIST

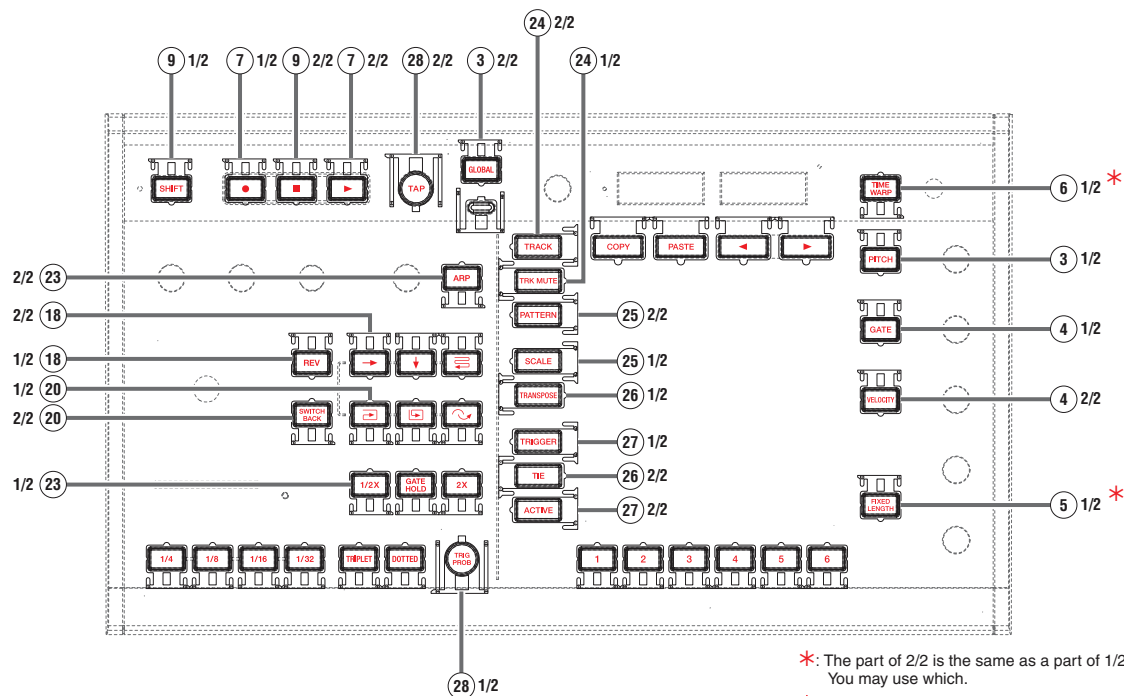
Mark No.	Description	Part No.	
1	PNLA Assy	DWX4149	
2	OLCN Assy	DWX4151	A
3	JIG1 Assy	DWX4162	
4	PNLB Assy	DWX4150	
5	Matrix OEL	MXS4057	
6	FFC	DDD1854	■
7	FFC	DDD1855	
8	FFC	DDD1856	
9	Crimp Connector	PF13PP-D15	
10	Stay	DNF2045	
11	Sheet	DEC3793	B
12	Fader Packing	DEC3355	
13	Button	DEB2062	
14	Sensor	DEC3790	
15	Sheet	DEC3794	■
16	Spring	DBH1815	
17	Holder	DNK6762	
18	Slider	DNK6761	
NSP 19	Guide Shaft VK1	DLA1978	
20	Lever	DNH3368	C
21			
22			
23	Screw	BPZ20P060FTC	
24	Screw	CPZ26P080FTC	■
25	Screw	BPZ20P040FTB	
26	Screw	BPZ30P080FNI	
27	Screw	BPZ30P120FTC	
28	Screw	DBA1453	D
			■
			E
			■
			F

9.4 PANEL SECTION (2/2)

A • Bottom view



D • The position of the divided parts / 分割部品の取り付け位置



PANEL SECTION (2/2) PARTS LIST

<u>Mark No.</u>	<u>Description</u>	<u>Part No.</u>
1	Control Panel	DNK6766
2	Lens	DNK4532
3	Button	DAC3382
4	Button	DAC3383
5	Button	DAC3384
6	Button	DAC3385
7	Button	DAC3386
8	Button/BCK	DAC2874
9	Button	DAC3403
10	Button	DAC3407
11	Button	DAC3406
12	Button	DAC3387
13	Button	DAC3388
14	Button	DAC3389
15	Button	DAC3390
16	Button	DAC3391
17	Button	DAC3392
18	Button	DAC3393
19	Button	DAC3394
20	Button	DAC3395
21	Button	DAC3396
22	Button	DAC3397
23	Button	DAC3398
24	Button	DAC3399
25	Button	DAC3400
26	Button	DAC3401
27	Button	DAC3402
28	Button	DAC3404

A

B

C

D

E

F

12. PCB PARTS LIST

NOTES: ● Parts marked by “NSP” are generally unavailable because they are not in our Master Spare Parts List.

● The Δ 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 $\rightarrow$ 56×10^1 $\rightarrow$ 561.....RD1/4PU 5 6 1 J

47 k Ω $\rightarrow$ 47×10^3 $\rightarrow$ 473.....RD1/4PU 4 7 3 J

0.5 Ω $\rightarrow$ R50.....RN2H R 5 0 K

1 Ω $\rightarrow$ 1R0.....RS1P 1 R 0 K

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

5.62 k Ω $\rightarrow$ 562×10^1 $\rightarrow$ 5621.....RN1/4PC 5 6 2 1 F

Mark	No.	Description	Part No.	Mark	No.	Description	Part No.
LIST OF ASSEMBLIES							
NSP	1..	MOTHER ASSY	DWM2682	JA	3000,3001	CONNECTOR	DKN1188
	2..	MAIN ASSY	DWX4147	JA	3002-3007	STEREO MINI JACK	XKN3017
	2..	PNLA ASSY	DWX4149	KN	3001	SCREW PLATE	VNE1948
	2..	OLCN ASSY	DWX4151	VR	5001	VARIABLE RESISTOR	CCW1024
	2..	JIG1 ASSY	DWX4162	VR	5002	ROTARY VR	DCS1144
NSP	1..	SUB ASSY	DWM2683	S	5001-5026	TACT SWITCH	DSG1079
	2..	JACK ASSY	DWX4148	S	5027-5030	ROTARY ENCODER	DSX1131
	2..	PNLB ASSY	DWX4150	X	5001	CERAMIC RESONATOR (16 MHz)	DSS1147
				CN	3001	L-PLUG(9P)	KM200NA9L
				CN	3002	30P CONNECTOR	VKN1261
				CN	5001	29P CONNECTOR	VKN1260
				CN	5002	22P CONNECTOR	VKN1253

Mark	No.	Description	Part No.
SUB ASSY			
Consists of			
JACK ASSY			
PNLB ASSY			

AD SUB ASSY SEMICONDUCTORS

IC	5001	DYW2166
*Part number of the initial firmware equipped		
Q	3001,3002,5002-5010	2SC4081
Q	3001,3002,5002-5010	LSCR523UB
Q	3003-3008,5001,5011	LTC124EUB
Q	5012,5014,5016	2SA1577
Q	5012,5014,5016	2SAR502UB
Q	5013,5015,5017-5026	LTC124EUB
Q	5027	2SA1576A
Q	5027	LSAR523UB
D	3000-3017,3019-3027	1SS355VM
D	3000-3017,3019-3027	1SS355
D	3029,3030,3032	1SS355
D	3029,3030,3032	1SS355VM
D	5001,5006-5008	SLI-343U8R
D	5002,5005,5010-5012	SLI-343Y8Y
D	5003,5004	SLI-343M8G
D	5009	LTL17KCGP4J
D	5013-5016,5022,5023	SLI-343U8R
D	5017-5021	SLI-343Y8Y
D	5024-5049	1SS355
D	5024-5049	1SS355VM
D	5050	SLI-343U8R

MISCELLANEOUS

<u>RESISTORS</u>		
R	3005-3010,3012,3013	RS1/4SA101J
R	3015,3046	RS1/10SR4700D
R	3027,3028	RS1/4SA101J
Other Resistors		RS1/10SR###J

<u>CAPACITORS</u>		
C	3000,3005-3013,3024	CCSRCH102J50
C	3014-3023,5011	CKSRYB103K50
C	3025,3027,3028	CCSRCH102J50
C	3029,3030,3033-3036	CKSRYB104K16
C	3031,3032	CKSQYB104K50
C	5001	CEJQ470M16
C	5002,5008	CEJQ100M35
C	5003,5009,5010,5012	CKSRYB104K16
C	5004,5006,5007	CCSRCH471J50
C	5013,5015,5016	CKSRYB104K16
C	5017-5022,5025,5026	CKSRYB103K50
C	5028-5037	CCSRCH101J50

MOTHER ASSY Consists of MAIN ASSY PNLA ASSY OLCN ASSY JIG1 ASSY

BCE MOTHER ASSY SEMICONDUCTORS

IC	1	RS5T2670P144FP
IC	2	DYW2164
*Part number of the initial firmware equipped		
IC	3	MX25L6433FM2I-08G
IC	4,5,2014	TC7SH08FUS2
IC	1501	74VHCT244AFT

Mark	No.	Description	Part No.
⚠	IC	1502-1504	NJM4580MD
	IC	2001,2002	MM3411A33N
	IC	2003	S-1172B1C-U5
	IC	2004	BD9306AFVM
	IC	2005	NJW4191R-A
⚠	IC	2006	BD8152FVM
	IC	2007	NJM78M12DL1A
	IC	2008	NJM79M12DL1A
	IC	2011	MM3542BF
	IC	2012,4002	S-80927CNMC-G8X
⚠	IC	2013	MM3411A50N
	IC	4001	DYW2165
		*Part number of the initial firmware equipped	
	Q	1002,1003,1509,1521	LTA024EEB
	Q	1004,1005,1513,1523	LTC023JEB
	Q	1501-1504,1514,1516	2SC4081
	Q	1501-1504,1514,1516	LSCR523UB
	Q	1505-1508,1510,1511	LTC024EEB
	Q	1512,1518,1522,1526	LTC124EUB
	Q	1515,1519,1525,1527	2SA1576A
	Q	1515,1517,1519,1525	LSAR523UB
	Q	1520,1524,1528,1531	2SC4081
	Q	1520,1524,1528,1531	LSCR523UB
	Q	1527,1532,2012,2015	LSAR523UB
	Q	1529,1530,2002,2021	LTC024EEB
	Q	2001,2028,2036	RSQ035P03
	Q	2003,2018,2027,2029	LSCR523UB
	Q	2003,2018,2027,2029	2SC4081
⚠	Q	2004,2020	RSQ035P03
	Q	2005,2038	RSQ045N03
	Q	2012,2015,2016,2019	2SA1576A
	Q	2016,2019,2034,2037	LSAR523UB
	Q	2017	LTC114YUB
	Q	2025,4073,4075,4077	2SAR502UB
	Q	2025,4073,4075,4077	2SA1577
	Q	2026,2030-2033,2039	LTC024EEB
	Q	2034,2037	2SA1576A
	Q	2035,2041,4001-4010	2SC4081
	Q	2035,2041,4001-4010	LSCR523UB
	Q	2040	LTA024EEB
	Q	2042,4014,4022,4030	LTC024EEB
	Q	2043	LTA023JEB
	Q	4011-4013,4015,4016	HN1A01FUS1
	Q	4017,4025,4033,4050	2SB1689
	Q	4017,4025,4033,4050	KTA1532U
	Q	4018-4021,4023,4024	HN1A01FUS1
	Q	4026-4029,4031,4032	HN1A01FUS1
	Q	4035-4043,4067-4072	2SC4081
	Q	4035-4043,4067-4072	LSCR523UB
	Q	4044-4046,4048,4049	HN1A01FUS1
	Q	4047,4055,4062,4066	LTC024EEB
	Q	4051-4054,4056,4057	HN1A01FUS1
	Q	4058,4064	KTA1532U
	Q	4058,4064	2SB1689
	Q	4059-4061,4063,4065	HN1A01FUS1
	Q	4074,4076,4078-4085	LTC024EEB
	Q	4088,4089	2SC4081
	Q	4088,4089	LSCR523UB
	Q	4090,4091	HN1A01FUS1

Mark	No.	Description	Part No.
	D	1003-1007,1501-1504	1SS355
	D	1003-1007,1501-1504	1SS355VM
	D	2002,2006,2012,2029	RB060MM-30TF
	D	2003	UDZV5R6
	D	2004,2020,2021	1SS355VM
	D	2004,2020,2021	1SS355
	D	2005,2014,2015	RB501V-40
	D	2005,2014,2015	RB501VM-40
⚠	D	2008,2009	RB060MM-30TF
⚠	D	2028	UDZV6R2
	D	4001-4017,4064	NSSM124F-A21107
	D	4018,4024	SLI-343M8G
	D	4019,4023,4025	SLI-343U8R
	D	4020-4022,4026,4028	SLI-343Y8Y
	D	4029-4035	SLI-343U8R
	D	4036-4039	SLI-343Y8Y
	D	4041-4062,4065	1SS355
	D	4041-4062,4065	1SS355VM
	D	4063	SLR343WBC7T
MISCELLANEOUS			
	L	1-3 CHIP SOLID INDUCTOR	QTL1013
	L	4 COIL	ATH7015
	L	2001 COMMON MODE COIL	ATF7043
	L	2004-2006 SMD SPL INDUCTOR	CTH1519
	F	1001-1004 SMD EMI FILTER	CCG1308
	JA	1 USB CONNECTOR	DKN1237
	JA	1001-1003 CONNECTOR	DKN1188
	JA	2001 DCIN JACK	DKN1523
	KN	1-4 WRAPPING TERMINAL	CKF1089
	S	2001 PUSH SW	ASG1102
	S	4001-4022,4029 TACT SWITCH	DSG1079
	S	4023-4027 ROTARY ENCODER	DSX1131
	S	4028 ROTARY ENCODER	DSX1143
	X	1 RESONATOR (48 MHz)	CSS1760
	X	4002 CRYSTAL RESONATOR (16 MHz)	BSS1146
	CN	2001 L-PLUG(9P)	KM200NA9L
	CN	2002 CONNECTOR	CKS3871
	CN	2003,2004,4001,4002 CONNECTOR	CKS3859
	CN	2009,4004 L-PLUG(13P)	KM200NA13L
	CN	4003 FFC/FPC CONNECTOR	CKS3870
	CN	6001,6003 FFC/FPC CONNECTOR	CKS6476
	CN	6002 CONNECTOR	CKS3863
⚠	P	1,2001 PROTECTOR (3.000 A)	DEK1103
	PC	1001 PHOTO COUPLER	TLP2368
	VA	2001 VARISTORS	EJZ1V270RM
RESISTORS			
	R	6,8,16,22	RS1/16SS103J
	R	9-11,14,15	RS1/16SS101J
	R	13,108	RS1/10SR1000D
	R	17-19,21,29	RS1/16SS101J
	R	20,30,33,36	RS1/16SS104J
	R	23,39,40,42	RS1/16SS560J
	R	25-28,37,43	RS1/16SS103J
	R	35,45,47,49	RS1/16SS101J
	R	38,46,48,50	RS1/16SS104J
	R	44,54,58,61	RS1/16SS221J
	R	51,106,107	RS1/16SS101J
	R	52,65,79,84	RS1/16SS104J
	R	53,57,60,70	RS1/16SS560J

Mark	No.	Description	Part No.
A	R	55,56,59,62	RS1/16SS103J
	R	63,66,69,71	RS1/16SS221J
	R	64,67,68,76	RS1/16SS103J
	R	72-75,82,2092	RS1/16SS472J
	R	77,80,94,97	RS1/16SS102J
	R	78,85,88-90	RS1/16SS103J
B	R	81	RS1/16SS5601F
	R	83,2099,2130,2164	RS1/16SS0R0J
	R	95,104,109	RS1/16SS105J
	R	96,4350-4352	RS1/16SS331J
	R	98,2017,2076,2110	RS1/16SS104J
	R	103,1013	RS1/16SS470J
C	R	105,1505,2023,2091	RS1/16SS103J
	R	110-113,116,117	RS1/16SS101J
	R	1001,1002,1516,1553	RS1/16SS102J
	R	1003-1007	RS1/4SA221J
	R	1015,1016	RS1/16SS821J
	R	1515,1568	RS1/10SR1001D
D	R	1527,1573 (30 kohm(B))	DCN1209
	R	1528,1574 (2.7 kohm(B))	DCN1210
	R	1531,1576 (12 kohm(B))	CCN1263
	R	1532,1535,1577,1578 (15 kohm(B))	DCN1208
	R	1536,1579 (10 kohm(B))	DCN1207
	R	1539,1581	RS1/10SR1500D
E	R	1584,1587 (680 ohm(B))	DCN1206
	R	1595,1596	RS1/16SS82R0D
	R	1597,1598,2028	RS1/16SS102J
	R	2024,2025,2102	RS1/16SS223J
	R	2026,2128,4069-4077	RS1/16SS473J
	R	2027,2182	RS1/16SS333J
F	R	2029	RS1/16SS224J
	R	2033	RS1/10SR9101D
	R	2037	RS1/10SR4702D
	R	2040	RS1/10SR3602D
	R	2041	RS1/10SR2203D
	R	2042,2043	RS1/10SR2202D
G	R	2047	RS1/10SR1803D
	R	2077,2101,4078	RS1/16SS272J
	R	2078,2096,4001-4016	RS1/16SS101J
	R	2079,4182-4185	RS1/16SS332J
	R	2089	RS1/16SS241J
	R	2090	RS1/16SS242J
H	R	2093,2185	RS1/16SS393J
	R	2094	RS1/16SS752J
	R	2098,2150,4019,4021	RS1/16SS472J
	R	2100	RS1/16SS363J
	R	2104,2168,2169,4017	RS1/16SS103J
	R	2143	RS1/10SR3302D
I	R	2144	RS1/10SR1102D
	R	2145	RS1/10SR5600D
	R	2146	RS1/10SR2201D
	R	2153	RS1/16SS1101D
	R	2154	RS1/16SS1801D
	R	2165,2198	RS1/16SS0R0J
J	R	2186	RS1/16SS153J
	R	4018,4020,4022-4026	RS1/16SS103J
	R	4027	RS1/16SS154J
	R	4028,4030,4032	RS1/16SS220J
	R	4029,4031,4045,4052	RS1/16SS103J

Mark	No.	Description	Part No.
K	R	4033-4037,4039-4043	RS1/16SS101J
	R	4044,4048	RS1/16SS221J
	R	4049,4254,4255,4316	RS1/16SS472J
	R	4051,4304-4313,4315	RS1/16SS101J
	R	4054,4314,6003-6006	RS1/16SS103J
	R	4055,4331	RS1/16SS222J
L	R	4060,4063,4066,4154	RS1/16SS822J
	R	4061,4064,4067,4152	RS1/16SS303J
	R	4062,4065,4068,4153	RS1/16SS183J
	R	4079,4161-4169,4332	RS1/16SS473J
	R	4155,4158,4252,4256	RS1/16SS822J
	R	4156,4159	RS1/16SS303J
M	R	4157,4160	RS1/16SS183J
	R	4204-4207,4226-4229	RS1/16SS332J
	R	4238-4241	RS1/16SS332J
	R	4253	RS1/16SS182J
	R	4257	RS1/16SS822J
	R	4258-4263,4296-4303	RS1/16SS223J
N	R	4317,4327	RS1/16SS472J
	R	4328	RS1/16SS223J
	R	4344,4349,6001,6002	RS1/16SS101J
	Other Resistors		RS1/10SR###J
	CAPACITORS		
	C	1-4,43,46 (10 uFV)	CCG1192
O	C	5,6,13,29	CKSSYB104K10
	C	7,8,1009	CCSRCH471J50
	C	9-12,14-28	CKSSYB103K16
	C	30-33,37,41	CKSSYB103K16
	C	34,48,4065-4072	CCSSCH101J50
	C	35,38,39	CKSSYB102K50
P	C	40,44,45	CKSSYB104K10
	C	42,53-55	CKSSYB103K16
	C	47,59-61,71 (10 uF)	CCG1192
	C	50-52,63,66	CKSSYB102K50
	C	56-58,62,64	CKSSYB104K10
	C	65,4053	CCSSCH120J50
Q	C	67,4052	CCSSCH100D50
	C	68,2048,2083	CKSSYB102K50
	C	69,72,73,1006	CKSSYB104K10
	C	70,4016	CCSSCH471J50
	C	1008	CKSQYB104K50
	C	1501-1508,2020,2037	CKSSYB103K16
R	C	1509,2039,2086,2095	CKSSYB104K10
	C	1510,1524,2113	CKSRYB224K16
	C	1511,1512,1520,1521	CKSRYB104K16
	C	1513,1527	CCSRCH470J50
	C	1515,1529	CKSRYB822K50
	C	1516-1519	CKSSYB104K16
S	C	1525,1526,2014,2035	CKSRYB104K16
	C	2001,2016,2044,2054 (10 uF)	CCG1192
	C	2002,2006,2013	CKSRYB105K10
	C	2003 (4.7 uF)	CCG1222
	C	2004,2012,2129,2131	CKSRYB474K16
	C	2018 (0.47 uF/35 V)	ACE7114
T	C	2023	CCSRCH101J50
	C	2038,2103,2143	CKSSYB103K16
	C	2040,2058,2070,2071	CCSRCH102J50
	C	2042,2051,6003,6008	CKSQYB105K25
	C	2043	CKSRYB471K50

■	5	■	6	■	7	■	8	■
Mark	No.	Description	Part No.					
	C	2046,2047,2072,2081	CKSRYB104K16					
	C	2049,2110,2118,2130	CKSRYB102K50					
	C	2050	CKSSYB223K16					
	C	2055	CKSRYB103K50					A
	C	2057	CCSRCH750J50					
	C	2059,2060,2069,2097	CKSRYB104K25					
	C	2061,2063,2066,2139 (10 uF)	CCG1195					
	C	2064,2067,2088,2108 (10 uF)	CCG1192					
	C	2068	CKSYB225K25					■
	C	2073	CEVW471M10					
	C	2077	CKSQYB334K50					
	C	2078	CEHVQW2R2M50					
	C	2082,2087,2094,2106	CKSRYB104K16					
	C	2085	CEHVQW1R0M50					B
	C	2089	CEVW221M10					
	C	2096,2099,2101,2137	CKSSYB104K10					
	C	2100,4002,6002,6004	CKSRYB104K25					
	C	2107,2109,2112,2119	CKSRYB104K16					
	C	2115	CCSRCH821J50					■
	C	2120,2121 (10 uF)	CCG1192					
	C	2125,4032	CKSRYB473K50					
	C	2132	CKSRYB102K50					
	C	2138	CEVW331M6R3					
	C	4001,4005	CEVW470M16					
	C	4003,4004,4006,4015	CKSSYB104K10					C
	C	4007-4014,4017-4024	CKSSYB103K16					
	C	4025	CEVW220M16					
	C	4026,4029-4031,4054	CKSSYB104K10					
	C	4027	CKSRYB104K16					
	C	4028,4039-4051	CKSSYB103K16					■
	C	6005,6010-6012	CKSSYB104K10					
	C	6007,6009	CKSRYB104K25					
								D
								■
								E
								■
								F