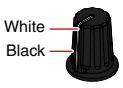
7. DISASSEMBLY

Note: Even if the unit shown in the photos and illustrations in this manual may differ from your product, the procedures described here are common.

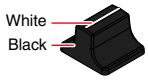
Knobs and Volumes Location



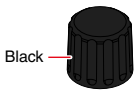
Ⓐ DAA1324 ×13



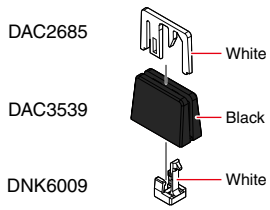
Ⓑ DNK6769 ×2



Ⓒ DAA1281



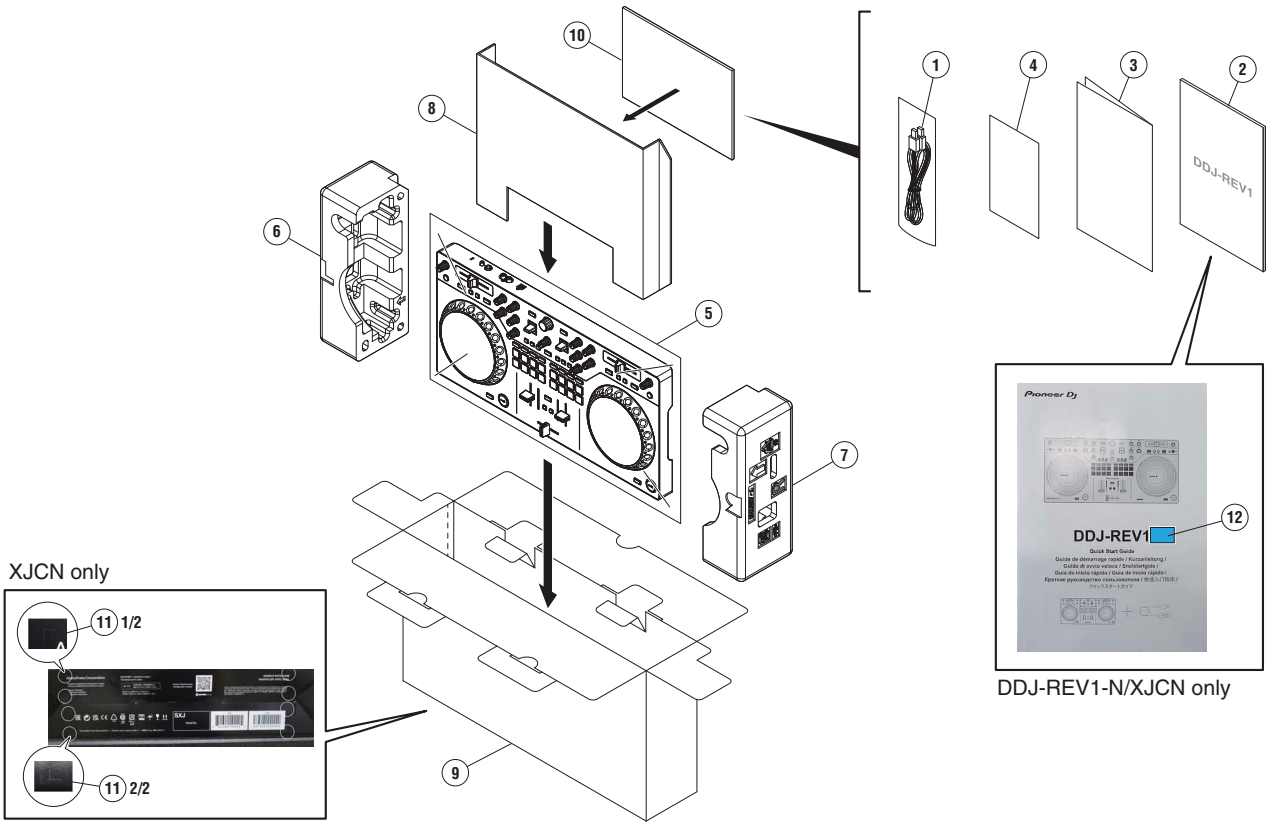
Ⓓ DAC2685 ×3 + DAC3539 ×3 + DNK6009 ×3



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



(1) PACKING SECTION PARTS LIST

Mark	No.	Description	Part No.
	1	USB Cable	DDE1150
	2	Quick Start Guide	DRH1667
	3	Sub Manual	See Contrast table (2)
NSP	4	Warranty	DRY1274
	5	Packing Sheet	AHG7053
	6	Packing Pad	DHA2016
	7	Packing Pad	DHA2017
	8	Partition	DHC1110
	9	Packing Case	See Contrast table (2)
NSP	10	Polyethylene Bag	AHG7117
	11	Label	See Contrast table (2)
NSP	12	Label	See Contrast table (2)

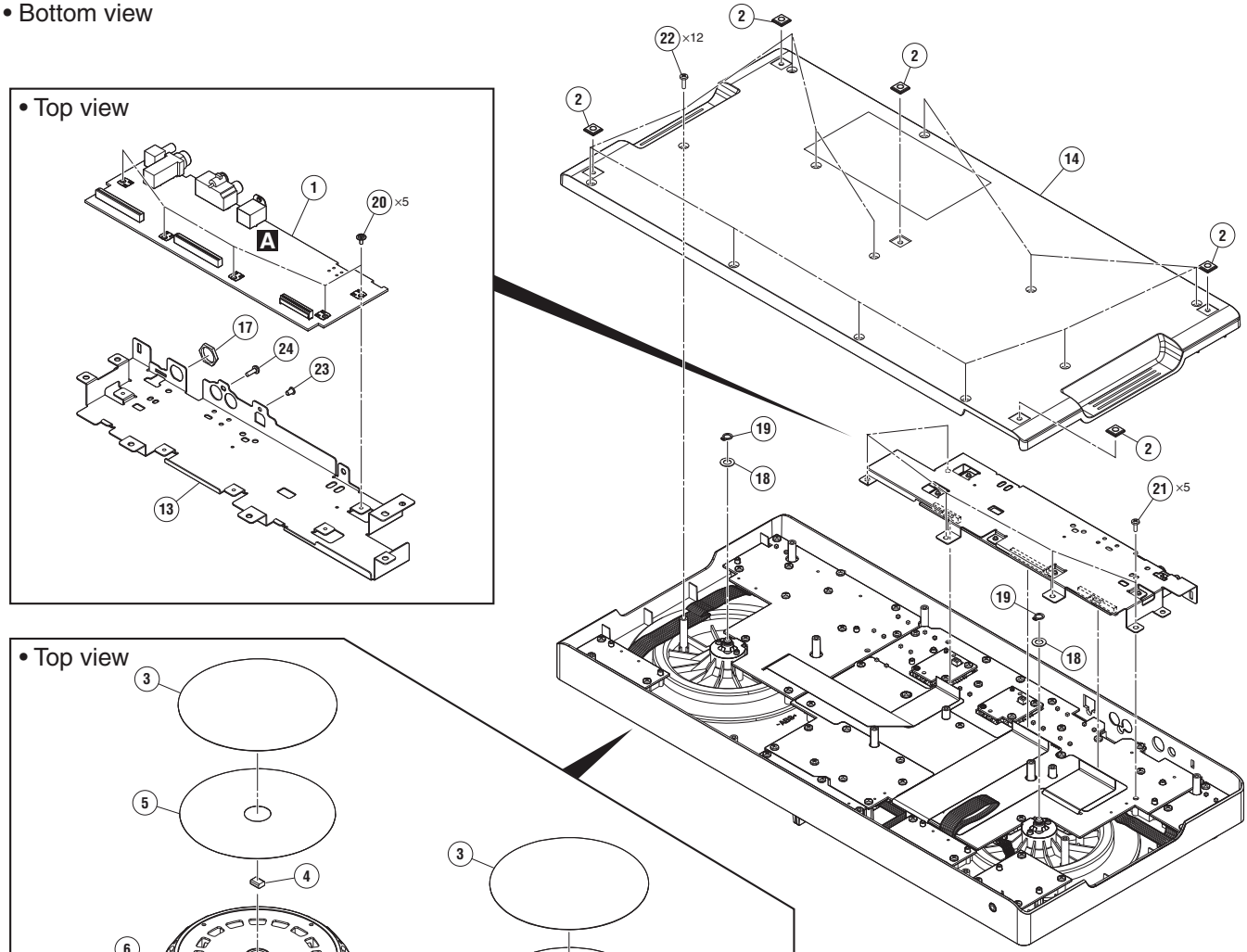
(2) CONTRAST TABLE

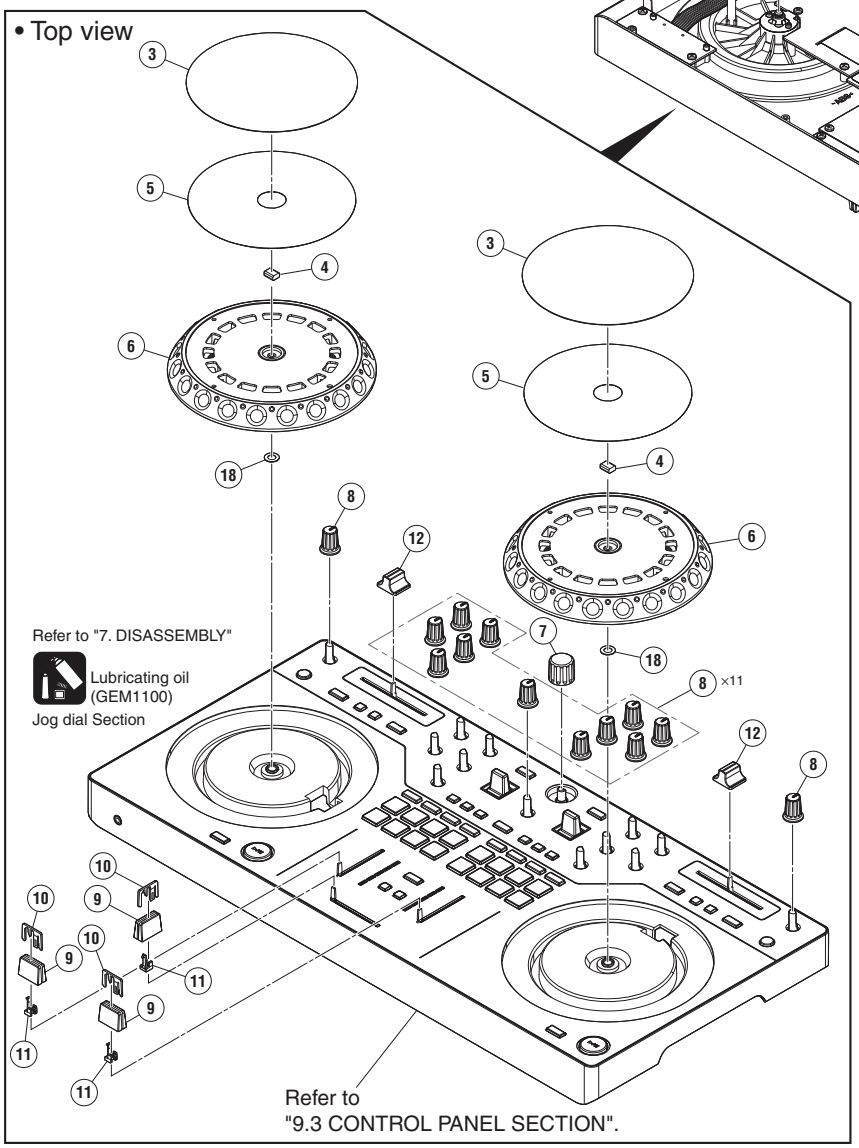
DDJ-REV1/SXJ, XJCN, DDJ-REV1-N/PXJ and XJCN are constructed the same except for the following:

Mark	No.	Symbol and Description	DDJ-REV1/SXJ	DDJ-REV1/XJCN	DDJ-REV1-N/PXJ	DDJ-REV1-N/XJCN
	3	Sub Manual	DRH1668	DRH1669	DRH1686	DRH1669
	9	Packing Case	DHG3833	DHG3833	DHG3839	DHG3839
	11	Label	Not used	DRW3022	Not used	DRW3023
NSP	12	Label	Not used	Not used	Not used	DRW2829

9.2 BOTTOM SECTION

• Bottom view





(1) BOTTOM SECTION PARTS LIST

Mark	No.	Description	Part No.
	1	MAIN Assy	DWX4675
	2	Rubber Foot	VEB1349
	3	Plate	See Contrast table (2)
	4	Gasket/JOG	DEC3539
	5	DS Tape	DEH1123
	6	Jog Dial	DNK7044
	7	Knob	DAA1281
	8	Knob/PLS	DAA1324
	9	Knob	DAC3539
	10	Slider Knob 2	DAC2685
	11	Stopper/SLD	DNK6009
	12	Knob	DNK6769
	13	Stay	DNH3497
	14	Chassis	DNK7042
	15	•••••	
	16	•••••	
	17	Nut (M12)	NKX2FNI
	18	Washer	WA62D095D050
	19	Washer	YC60FAC
	20	Screw	ASZ26P050FTC
	21	Screw	BPZ30P080FNI
	22	Screw	BPZ30P100FTB
	23	Screw (M3*5)	DBA1340
	24	Screw	PPZ30P080FTB

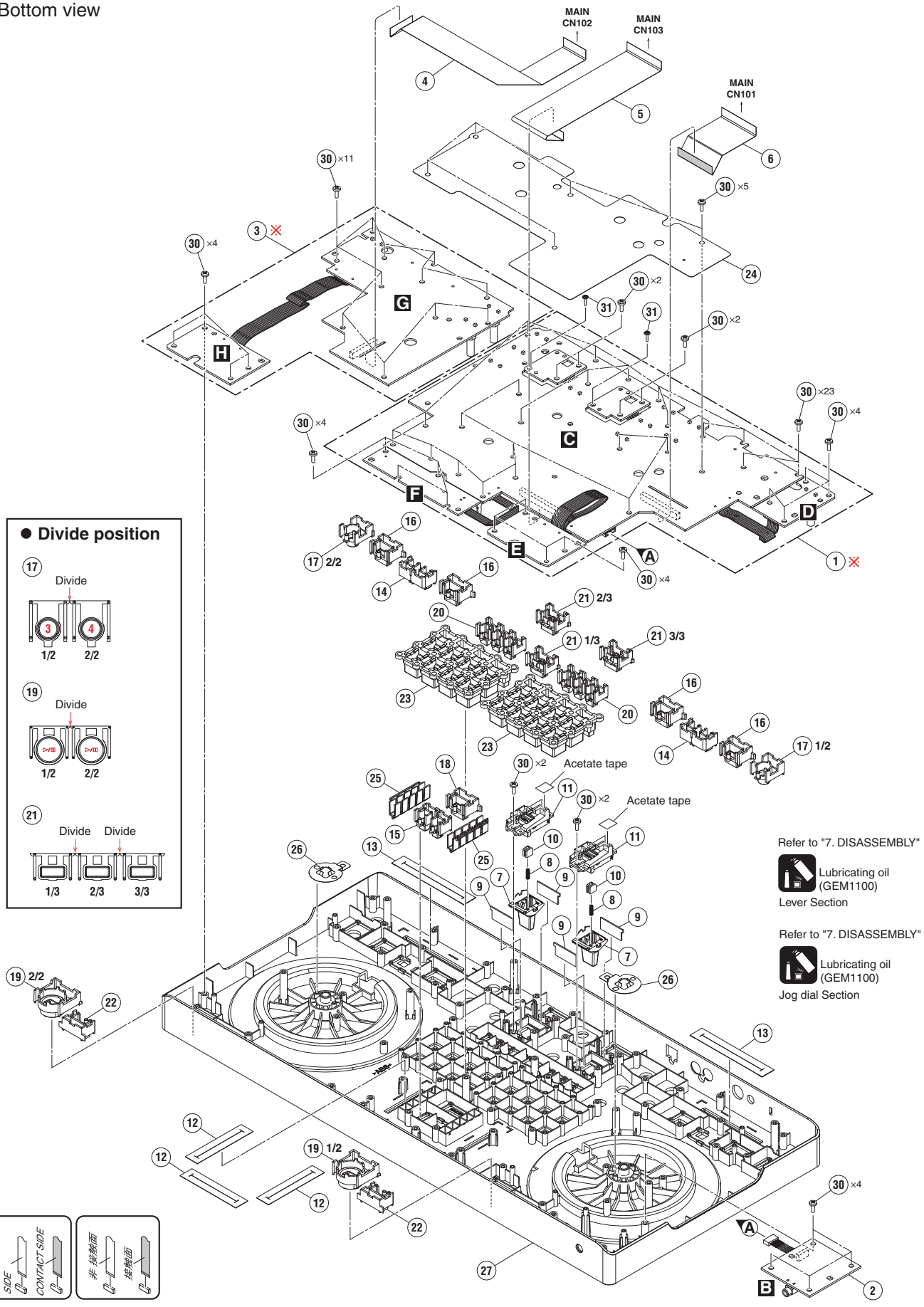
(2) CONTRAST TABLE

DDJ-REV1 and DDJ-REV1-N are constructed the same except for the following:

Mark	No.	Symbol and Description	DDJ-REV1	DDJ-REV1-N
	3	Plate	DAH3381	DAH3389

9.3 CONTROL PANEL SECTION

• Bottom view



(1) CONTROL PANEL SECTION PARTS LIST

Mark	No.	Description	Part No.
	1	MIXR Assy ※	DWX4681
	2	HPJK Assy	DWX4682
	3	PNL2 Assy ※	DWX4685
	4	FFC	DDD2082
	5	FFC	DDD2083
	6	FFC	DDD2084
	7	Lever	See Contrast table (2)
	8	Lever Spring	DBH1702
	9	Brake	DEC3948
	10	Lever Cap	DNK5344
	11	Base	DNK6470
	12	Sheet	DEC3795
	13	Packing/TMP	DEC3392
	14	Button S (Black)	DAC2663
	15	Button/FX	DAC2796
	16	Button	DAC3152
	17	Button	DAC3098
	18	Button	DAC3442
	19	Button	DAC3620
	20	Button	DAC3621
	21	Button	DAC3622
	22	Button	DAC3624
	23	Button	DEB2089
	24	Barrier	DEC4037
	25	Lens	DNK6946
	26	Plate/CND	DNH3137
	27	Control Panel	See Contrast table (2)
	28	•••••	
	29	•••••	
	30	Screw	BPZ30P080FNI
	31	Screw	IPZ20P080FTC

※ The service parts of the MIXR Assy and the PNL2 Assy are supplied with multiple boards connected by jumper leads. The MIXR Assy consists of MIXR, HPVR, PLYL, and CRFD boards connected by jumper leads. The PNL2 Assy consists of PNL2 and PLYR boards connected by jumper leads.
These six boards are not supplied by itself as the service parts.

(2) CONTRAST TABLE

DDJ-REV1 and DDJ-REV1-N are constructed the same except for the following:

Mark	No.	Symbol and Description	DDJ-REV1	DDJ-REV1-N
	7	Lever	DAC3627	DAC3629
	27	Control Panel	DNK7043	DNK7064

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 × 10^1*	→	*561* ····· *RD1/4PU 5 6 1 J*
47 kΩ	→	*47 × 10^3*	→	*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 × 10^1*	→	*5621* ····· *RN1/4PC 5 6 2 1 F*

LIST OF ASSEMBLIES

Mark	No.	Description	Part No.
	1	MAIN ASSY	DWX4675
NSP	1	PNL1 ASSY	DWM2828
	2	MIXR ASSY	DWX4681
	2	HPJK ASSY	DWX4682
	1	PNL2 ASSY	DWX4685

A MAIN ASSY

SEMICONDUCTORS

Mark	No.	Description	Part No.
⚠	IC	202,211	MM3411A33N
⚠	IC	204,210	MM1856A50N
⚠	IC	205	S-1172B1C-U5
⚠	IC	207	NJM2392M
	IC	209,704	S-80942CNMC-G9C
NSP	IC	406	R5S72690W266FP
	IC	407	TC7SH08FUS2
	IC	408	DYW2284*
		*Part number of the initial firmware equipped	
	IC	409,410	74VHC4051AFT
	IC	411	S-80927CNMC-G8X
	IC	701,703	PCM1753DBQ
	IC	702	NJM4565MD
	IC	705	NJM4580MD
	IC	706	BH3547F
	IC	708	PCM1803ADB
	Q	101,202,206,211	LSCR523UB
	Q	102,104-107	HN1C01FUS1
	Q	201,205,704,710	LTC024EEB
⚠	Q	203	RTQ040P02
	Q	207,209,213,713	LSAR523UB
	Q	221	KTX101U
	Q	224	RN1903S1
	Q	701,702,705,706	LSCR523UB
	Q	708,717	INC2002AC1
	Q	709	LTA024EEB
	Q	711,715	LSCR523UB
	D	202,203,212,215	1SS355L@V
⚠	D	207-209	RB551VM-30
	D	210	RB551VM-30
	D	214	MC2848-11
	D	217,702,704	1SS355L@V
	D	705,708	RB501VM-40

MISCELLANEOUS

Mark	No.	Description	Part No.
	L	104 COIL	ATH7015
	L	205 POWER INDUCTOR	ATH7053
	L	401,405 CHIP SOLID INDUCTOR	QTL1013
	L	403 CHIP COIL (4.7 uH)	BTH1102
	L	404 CHIP BEADS	VTL1129
	L	406 CHIP SOLID INDUCTOR	QTL1013
	L	701 CHIP SOLID INDUCTOR	XTL3010
	JA	101 USB CONNECTOR	DKN1237
	JA	701 6.5 DIA JACK	DKN1688
	JA	702 PIN JACK(2P)	AKB7181
	X	401 CRYSTAL (24.576 MHz)	DSS1204
	X	403 CRYSTAL RESONATOR (13.333 MHz)	CSS1840
	X	404 RESONATOR (48.000 MHz)	CSS1760
	CN	101,103 39P CONNECTOR	VKN2097
	CN	102 25P CONNECTOR	VKN1256
⚠	P	101 PROTECTOR (1.000 A)	DEK1097
	VA	103,701-706 VARISTORS	EZJZ1V270RM

RESISTORS

Mark	No.	Description	Part No.
	R	101-105	RAB4CQ223J
	R	125	RS1/10SR102J
	R	208,211,248,259	RS1/10SR0R0J
	R	219,252	RS1/4SA100J
	R	224,226	RS1/8SQ1R5J
	R	231,746,747	RS1/10SR271J
	R	245	RS1/16SS1802F
	R	246	RS1/16SS3901D
	R	251	RS1/10SR103J
	R	260,733,734,776	RS1/10SR471J
	R	267,292,295,309	RS1/10SR0R0J
	R	293,294	RS1/16SS1002D
	R	425,500,512	RAB4CQ221J
	R	439,440	RS1/8SQ0R0J
	R	447,448,453,455	RAB4CQ560J
	R	454,458,462,485	RAB4CQ103J
	R	456,460,473	RAB4CQ560J
	R	480	RAB4CQ104J
	R	481	RAB4CQ472J
	R	488	RS1/16SS5601D
	R	495	RAB4CQ0R0J
	R	502,715,720,723	RS1/10SR0R0J

Mark	No.	Description	Part No.
	R	506	RT0603DRD07100RL@V
	R	707	RS1/10SR1501D
	R	709	RS1/10SR6802D
	R	710	RS1/10SR1801D
	R	711,794	RS1/10SR3301D
	R	724	RS1/10SR9101D
	R	728,837	RS1/10SR7500D
	R	740,741	RS1/10SR4701D
	R	750,751	RS1/10SR7501D
	R	752,753	RS1/10SR5601D
	R	777	RS1/10SR471J
	R	780,781	RS1/10SR331J
	R	836	RS1/10SR1001D
	R	843,844	RS1/10SR330J
	VR	701 POTENTIOMETER	DCS1111
	Other Resistors		RS1/16SS###J

CAPACITORS

	C	101,112,116	0402B102K500CT
	C	102,747,748,783	0402B103K160CT
	C	103	0603X225K160CT
	C	108,218,235,236	0402B104K160CT
	C	109,201,205,206	0603X105K250CT
	C	117	0402X475M100CT
	C	120-122,149,150	0402B102K500CT
	C	123 (1 uF)	ACE7129
	C	148,406-408,421	0402N101J500CT
	C	209,264,545,548	0805X106K100CT
	C	211 (1 uF)	DCH1266
	C	217,232,243,254	0603X105K250CT
	C	234,413,721,731	CEVW470M6R3
	C	242,249,285,401	0402B104K160CT
	C	244	0402N121J500CT
	C	252,267,270	CEVW471M10
	C	252 (470 uF/16 V)	CCH1680
	C	257,286,745	0402N221J500CT
	C	262,274,280,287	0603X105K250CT
	C	290,742,743	0603X105K250CT
	C	402,403,419,420	0402B102K500CT
	C	404,411,414	0402B103K250CT
	C	405	0402N220J500CT
	C	412,735,755,761 (100 uF/16 V)	DCH1365
	C	415,416,431,436	0402B104K160CT
	C	417,418,506,534	0402B471K500CT
	C	423,427,451,452	0402N101J500CT
	C	424-426,444-450	0402B103K250CT
	C	429,430,432-435	0402B102K500CT
	C	437-443,533,535	0402B102K500CT
	C	453,459,460,463	0402B103K250CT
	C	456-458,461,462	0402N101J500CT
	C	464,470,471,476	0402B103K250CT
	C	465-469,472-475	0402N101J500CT
	C	477,488,489,491	0402B103K250CT
	C	478-487,490,493	0402N101J500CT
	C	492,499,500,503	0402B103K250CT
	C	495,501,502,505	0402N101J500CT
	C	496,498,507	0402N471J500CT
	C	504,511,512	0402B103K250CT
	C	508-510,513	0402N101J500CT
	C	514-518,520	0402B103K250CT
	C	519,521,536,560	0402N120J500CT
	C	522,538,540,544	0402B104K160CT
	C	523-527,537,539	0402B103K250CT
	C	528-532,583-585	0402N101J500CT
	C	541,542,555-557	0402B102K500CT
	C	543	CEVW101M4
	C	546,547,561,562	0402B103K250CT
	C	549,550,554,558	0402B104K160CT
	C	551	0402N100J500CT
	C	552,553,568,569	0805X106K100CT
	C	559,563-567,576	0402B104K160CT
	C	570,571	0402B103K250CT
	C	573	0402N120J500CT
	C	577	0402B222K500CT
	C	580,713,726,806	0402B104K160CT
	C	581,702,708,709	0402N102J500CT
	C	701,716,722,723	0603B104K250CT
	C	703,720	0402N331J500CT
	C	704	0402N561J500CT
	C	705	0402B332K500CT
	C	706,727,737	0402B103K500CT
	C	707 (4.7 uF)	ACG1147
	C	710,762	0402N101J500CT
	C	712	CEVW100M16
	C	717,718	0603B222K500CT
	C	719,724	CEVW101M16
	C	725 (0.1 uF)	CCG1321
	C	730,734,782,786	0402N102J500CT
	C	732,733,765,804	0805X106K100CT
	C	739,740,773,774	CEVW220M16
	C	744,807 (10 uF)	DCH1263
	C	749,750	0402N681J500CT
	C	751,752	0402N181J500CT
	C	753	0805X475K250CT
	C	766	CEVW470M6R3
	C	781	0603B104K250CT
	C	784	CEVW331M6R3
	C	808	0805X106K100CT
	C	809,811,813	0402B104K160CT
	C	810,812	0805X106K250CT
	C	814	0402B103K160CT

PNL1 ASSY
Consit of
MIXR ASSY
HPJK ASSY

B C D E F

PNL1 ASSY

SEMICONDUCTORS

	IC	1401	DYW2285*
	*Part number of the initial firmware equipped		
	Q	1201-1204	LSAR523UB
	Q	1401,1403,1407,1409	LTC124EUB
	Q	1402,1404,1408,1410	2SA1577
	Q	1405,1406,1419-1424	LSCR523UB
	Q	1411,1413,1415,1417	LTC124EUB
	Q	1412,1414,1416,1418	2SA1577
	Q	1425,1426	LTC123JUB
	Q	1901,1902	INC2002AC1

Mark	No.	Description	Part No.
	D	1201-1212,1214-1217	MC2848-11
	D	1213,1218,1223,1228	1SS355L@V
	D	1219-1222,1224-1227	MC2848-11
	D	1401-1406,1408-1412	LTL17KYRN5D-P@V
	D	1407,1421	LTL17KRH5D-P
	D	1413,1427,1438,1453	LTL17KGP5D-P@V
	D	1414-1420,1422-1426	LTL17KYRN5D-P@V
	D	1428-1437,1439	LTL17KYRN5D-P@V
	D	1440	RB501VM-40
	D	1441-1452,1455,1604	LTL17KYRN5D-P@V
	D	1601,1602,1701	1SS355L@V
	D	1603	LTL17KGP5D-P@V
	D	1702	LTL17KYRN5D-P@V

MISCELLANEOUS

	L	1401,1402,1404 INDUCTOR	CTF1379
	JA	1901 STEREO MINI JACK	XKN3017
	KN	1401 EARTH TERMINAL	AKF7002
	S	1201-1203,1205 TACT SWITCH	DSG1079
	S	1204,1219,1237 TACT SWITCH	DSG1089
	S	1206-1209 TACTILE SWITCH	DSG1153
	S	1210-1212,1217,1218 TACT SWITCH	DSG1079
	S	1213-1216 TACTILE SWITCH	DSG1153
	S	1220,1226,1227 TACT SWITCH	DSG1079
	S	1221-1224 TACTILE SWITCH	DSG1153
	S	1225 ROTARY ENCODER	DSX1138
	S	1230-1233,1601 TACTILE SWITCH	DSG1153
	S	1234-1236,1238-1243 TACT SWITCH	DSG1079
	S	1602 TACTILE SWITCH	DSG1153
	S	1701 TACT SWITCH	DSG1079
	CN	1001,1002 39P CONNECTOR	VKN2097
	CN	1003 L-PLUG(5P)	KM200NA5L
	JH	1001,1002,1601 7P CABLE HOLDER	B2013H02-7P@V
	JH	1003,1801 4P CABLE HOLDER	B2013H02-4P@V
	JH	1701 7P CABLE HOLDER	B2013H02-7P@V
	PC	1201-1204 PHOTO INTERRUPTER	GP1S094HCZ0F
	PC	1401,1402 PHOTO INTERRUPTER	RPI-579N1
	VA	1001-1004,1201-1206 VARISTORS	EZJZ1V270RM
	VA	1208-1211,1901,1902 VARISTORS	EZJZ1V270RM
	VA	1401,1402 SMD VARISTOR	EZJZ1V80010

RESISTORS

	R	1001	RS1/4SA2R0J
	R	1002-1006,1219,1221	RS1/4SA0R0J
	R	1206,1207	RS1/10SR2201D
	R	1451,1452 (750 ohm)	DCN1187
	R	1470	RS1/10SR1802D
	R	1511-1513,1904,1905	RS1/4SA0R0J
	R	1909,1910	RS1/4SA0R0J
	VR	1201,1701 POTENTIOMETER	DCS1096
	VR	1202,1204-1206 POTENTIOMETER	DCS1097
	VR	1203,1209 SLIDE VR	DCV1035
	VR	1207 VARIABLE RESISTOR	DCV1011
	VR	1208,1210-1212 POTENTIOMETER	DCS1097
	VR	1801 VARIABLE RESISTOR	DCV1023
		Other Resistors	RS1/10SR###J

CAPACITORS

	C	1003 (100 uF)	CCG1232
	C	1004,1207,1218,1219	0603B104K250CT
	C	1201,1202,1214,1220	0603B103K500CT
	C	1228,1229,1802	0603B103K500CT
	C	1231-1234,1401,1403	0603B104K250CT
	C	1235,1404	0603X106M160CT
	C	1236-1239	0603B222K500CT
	C	1240,1241	0603B471K500CT
	C	1402	0603N221J500CT
	C	1701,1801,1903,1904	0603B104K250CT
	C	1901,1902	CEAT471M16

G H PNL2 ASSY

SEMICONDUCTORS

	IC	2201	DYW2285*
		*Part number of the initial firmware equipped	
	Q	2201,2202,2407,2503	LSCR523UB
	Q	2401,2403,2405,2501	LTC124EUB
	Q	2402,2404,2406,2502	LSAR523UB
	Q	2504	LTC123JUB
	D	2201,2202,2503	MC2848-11
	D	2203,2501,2502	1SS355L@V
	D	2204	RB501VM-40
	D	2401-2403,2504	LTL17KYRN5D-P@V
	D	2505	LTL17KGP5D-P@V

MISCELLANEOUS

	L	2201,2202,2204 INDUCTOR	CTF1379
	KN	2201 EARTH TERMINAL	AKF7002
	S	2201-2205 TACT SWITCH	DSG1079
	S	2501,2502 TACTILE SWITCH	DSG1153
	CN	2001 25P CONNECTOR	VKN1256
	JH	2001,2501 8P CABLE HOLDER	B2013H02-8P@V
	PC	2201,2202 PHOTO INTERRUPTER	RPI-579N1
	VA	2201,2202 SMD VARISTOR	EZJZ1V80010
	VA	2203-2206 VARISTORS	EZJZ1V270RM

RESISTORS

	R	2001	RS1/4SA2R0J
	R	2211,2212 (750 ohm)	DCN1187
	R	2213	RS1/10SR2702D
	R	2217,2218	RS1/10SR2201D
	VR	2201 VARIABLE RESISTOR	DCV1011
	VR	2202 POTENTIOMETER	DCS1097
	VR	2203,2204 POTENTIOMETER	DCS1096
		Other Resistors	RS1/10SR###J

CAPACITORS

	C	2002	CEJQ101M16
	C	2202,2207,2208	0603B104K250CT
	C	2203	0603N221J500CT
	C	2209,2214	0603B103K500CT
	C	2210,2218	0603X106M160CT