

LECT : UN
ECH : UN
ECH : UN
ODEL : 1-03-00

PARTS LIST

REVISION : E MODEL NAME : GMD-150 (GMDSS)

98-07-27

LEVEL	PART NUMBER	NAME & DESCRIPTION	VENDOR CODE	생산자	UT	Q'TY	OPTN	REFERENCE NUMBER	ECO DATE	ECO-NO.
2	610-300	SET ASS'Y			EA				98-06-05	무연SI-98-084
3	610-300-RA	RF BOARD ASS'Y			EA					
	610-300-RSA	RF PCB SMD ASS'Y			EA					
4	052-0002-1	RES. CHIP 0 ohm +5% 1/16W 1608	CR 1/16 000 JT	HAN RYUK	EA	2.000	SMD	R76,94		
4	052-1002-1	RES. CHIP 10 ohm +5% 1/16W 1608	CR 1/16 100 JT	HAN RYUK	EA	2.000	SMD	R17,309		
4	052-1022-1	RES. CHIP 1 Kohm +5% 1/16W 1608	CR 1/16 102 JT	HAN RYUK	EA	4.000	SMD	R24,26,32,80		
4	052-1032-1	RES. CHIP 10 Kohm +5% 1/16W 1608	CR 1/16 103 JT	HAN RYUK	EA	8.000	SMD	R5,18,23,28,74,302,305,311		
4	052-1042-1	RES. CHIP 100 Kohm +5% 1/16W 1608	CR 1/16 104 JT	HAN RYUK	EA	9.000	SMD	R4,37,43,44,47,48,49,50,71		
4	052-1052-1	RES. CHIP 1 Mohm +5% 1/16W 1608	CR 1/16 105 JT	HAN RYUK	EA	1.000	SMD	R27		
4	052-1232-1	RES. CHIP 12 Kohm +5% 1/16W 1608	CR 1/16 123 JT	HAN RYUK	EA	1.000	SMD	R92		
4	052-1242-1	RES. CHIP 120 Kohm +5% 1/16W 1608	CR 1/16 124 JT	HAN RYUK	EA	1.000	SMD	R308		
4	052-1512-1	RES. CHIP 150 ohm +5% 1/16W 1608	CR 1/16 151 JT	HAN RYUK	EA	1.000	SMD	R25		
4	052-1522-1	RES. CHIP 1.5 Kohm +5% 1/16W 1608	CR 1/16 152 JT	HAN RYUK	EA	1.000	SMD	R3		
4	052-1542-1	RES. CHIP 150 Kohm +5% 1/16W 1608	CR 1/16 154 JT	HAN RYUK	EA	2.000	SMD	R55,65		
4	052-2032-1	RES. CHIP 20 Kohm +5% 1/16W 1608	CR 1/16 203 JT	HAN RYUK	EA	1.000	SMD	R73		
4	052-2222-1	RES. CHIP 2.2 Kohm +5% 1/16W 1608	CR 1/16 222 JT	HAN RYUK	EA	8.000	SMD	R14,15,30,52,57,60,83,307		
4	052-2232-1	RES. CHIP 22 Kohm +5% 1/16W 1608	CR 1/16 223 JT	HAN RYUK	EA	1.000	SMD	R312		
4	052-2702-1	RES. CHIP 27 ohm +5% 1/16W 1608	CR 1/16 270 JT	HAN RYUK	EA	1.000	SMD	R306		
4	052-2722-1	RES. CHIP 2.7 Kohm +5% 1/16W 1608	CR 1/16 272 JT	HAN RYUK	EA	3.000	SMD	R19,20,40		
4	052-2742-1	RES. CHIP 270 Kohm +5% 1/16W 1608	CR 1/16 274 JT	HAN RYUK	EA	1.000	SMD	R66		
4	052-3312-1	RES. CHIP 330 ohm +5% 1/16W 1608	CR 1/16 331 JT	HAN RYUK	EA	4.000	SMD	R31,45,301,303		
4	052-3322-1	RES. CHIP 3.3 Kohm +5% 1/16W 1608	CR 1/16 332 JT	HAN RYUK	EA	2.000	SMD	R59,78		
4	052-3332-1	RES. CHIP 33 Kohm +5% 1/16W 1608	CR 1/16 333 JT	HAN RYUK	EA	1.000	SMD	R64		
4	052-3912-1	RES. CHIP 390 ohm +5% 1/16W 1608	CR 1/16 391 JT	HAN RYUK	EA	2.000	SMD	R34,35		
4	052-3932-1	RES. CHIP 39 Kohm +5% 1/16W 1608	CR 1/16 393 JT	HAN RYUK	EA	2.000	SMD	R51,72		
4	052-4702-1	RES. CHIP 47 ohm +5% 1/16W 1608	CR 1/16 470 JT	HAN RYUK	EA	2.000	SMD	R39,46		
4	052-4712-1	RES. CHIP 470 ohm +5% 1/16W 1608	CR 1/16 471 JT	HAN RYUK	EA	1.000	SMD	R13		
4	052-4722-1	RES. CHIP 4.7 Kohm +5% 1/16W 1608	CR 1/16 472 JT	HAN RYUK	EA	4.000	SMD	R16,33,63,82		
4	052-4732-1	RES. CHIP 47 Kohm +5% 1/16W 1608	CR 1/16 473 JT	HAN RYUK	EA	2.000	SMD	R29,70		
4	052-4742-1	RES. CHIP 470 Kohm +5% 1/16W 1608	CR 1/16 474 JT	HAN RYUK	EA	3.000	SMD	R36,53,77		
4	052-5602-1	RES. CHIP 56 ohm +5% 1/16W 1608	CR 1/16 560 JT	HAN RYUK	EA	1.000	SMD	R304		
4	052-5632-1	RES. CHIP 56 Kohm +5% 1/16W 1608	CR 1/16 563 JT	HAN RYUK	EA	3.000	SMD	R54,61,69		
4	052-6802-1	RES. CHIP 68 ohm +5% 1/16W 1608	CR 1/16 680 JT	HAN RYUK	EA	1.000	SMD	R42		
4	052-6822-1	RES. CHIP 6.8 Kohm +5% 1/16W 1608	CR 1/16 682 JT	HAN RYUK	EA	3.000	SMD	R1,2,62		
4	052-6832-1	RES. CHIP 68 Kohm +5% 1/16W 1608	CR 1/16 683 JT	HAN RYUK	EA	2.000	SMD	R79,310		
4	052-8202-1	RES. CHIP 82 ohm +5% 1/16W 1608	CR 1/16 820 JT	HAN RYUK	EA	2.000	SMD	R41,91		
4	052-8232-1	RES. CHIP 82 Kohm +5% 1/16W 1608	CR 1/16 823 JT	HAN RYUK	EA	1.000	SMD	R58		
	NOT USE				EA	3.000	SMD	R56,67,68		
	NOT USE				EA	1.000	SMD	RV2		
4	075-2033-3	RES. SEMIFIXED CHIP 20 Kohm 3DIA	EVM-5ESX50B24	MATSUSHITA	EA	1.000	SMD	RV1		
4	118-0066-1	TANTAL CHIP 0.68uF/ 25V +-20% 3216	TA-025 TCM R68M A	FUJITSU TOWA	EA	1.000	SMD	C4		
4	118-0104-1	TANTAL CHIP 1 uF/ 16V +-20% 3216	TA-016 TCM IR0M A	FUJITSU TOWA	EA	2.000	SMD	C29,110		
4	118-0332-1	TANTAL CHIP 3.3 uF/ 6.3V +-20% 3216	TA-6R3 TCMS 3R3M A	FUJITSU TOWA	EA	1.000	SMD	C318		
4	118-0472-1	TANTAL CHIP 4.7 uF/6.3V +-20% 3216	TA-6R3 TCMS 4R7M A	FUJITSU TOWA	EA	1.000	SMD	C111		
4	118-1002-2	TANTAL CHIP 10 uF/6.3V +-20% 3216	TA-6R3 TCMS 100M A	FUJITSU TOWA	EA	5.000	SMD	C9,20,23,100,130		
4	118-1004-1	TANTAL CHIP 10 uF/ 16V +-20% 3428	TA-016 TCMS 100M B2	FUJITSU TOWA	EA	4.000	SMD	C17,39,43,117		
4	152-0054-1	CAP. CERAMIC CHIP 0.5 pF +-20%1608	GRM39COG 0R5B 50 PT	MURATA	EA	1.000	SMD	C306		
4	152-0103-1	CAP. CERAMIC CHIP 1 pF +-10%1608	GRM39COG 010B 50 PT	MURATA	EA	3.000	SMD	C71,73,83		

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4	152-0202-1	CAP.CERAMIC CHIP 2 pF +-5% 1608	GRM39COG 020B 50 PT	MURATA	EA	2.000	SMD	C76,323	
4	152-0303-1	CAP.CERAMIC CHIP 3 pF +-10%1608	GRM39COG 030C 50 PT	MURATA	EA	1.000	SMD	C46	
4	152-0333-1	CAP.CERAMIC CHIP 3.3 pF +-10%1608	GRM39COG 3R3C 50 PT	MURATA	EA	2.000	SMD	C321,322	
4	152-0502-1	CAP.CERAMIC CHIP 5 pF +-5% 1608	GRM39COG 050C 50 PT	MURATA	EA	2.000	SMD	C131,132	
4	152-0562-1	CAP.CERAMIC CHIP 5.6 pF +-5% 1608	GRM39COG 5R6C 50 PT	MURATA	EA	1.000	SMD	C85	
4	152-0602-1	CAP.CERAMIC CHIP 6 pF +-5% 1608	GRM39COG 060D 50 PT	MURATA	EA	2.000	SMD	C309,310	
4	152-0802-1	CAP.CERAMIC CHIP 8 pF +-5% 1608	GRM39COG 080D 50 PT	MURATA	EA	1.000	SMD	C101	
4	152-0822-1	CAP.CERAMIC CHIP 8.2 pF +-5% 1608	GRM39COG 8R2D 50 PT	MURATA	EA	2.000	SMD	C303,304	
4	152-0902-1	CAP.CERAMIC CHIP 9 pF +-5% 1608	GRM39COG 090D 50 PT	MURATA	EA	1.000	SMD	C75	
4	152-1023-1	CAP.CERAMIC CHIP 1000 pF +-10%1608	GRM39X7R 102K 50 PT	MURATA	EA	44.00	SMD	C1,8,16,24,25,28,30,34,35,36,37,42 C47,48,49,50,51,52,61,68,69,70,77,78 C79,87,91,92,102,104,105,115,116,120 C121,307,311,312,313,314,315,317,326 C327	
4	152-1042-1	CAP.CERAMIC CHIP 0.1 uF +-10% 1608	GRM39X7R 104K 16 PT	MURATA	EA	13.00	SMD	C7,22,45,63,80,90,93,97,98,99,103,320 C329	
4	152-1033-1	CAP.CERAMIC CHIP 0.01 uF +-10% 1608	GRM39X7R 103K 50 PT	MURATA	EA	14.00	SMD	C2,3,18,19,26,31,38,44,94,108,112,114 C119,319	
4	152-0123-1	CAP.CERAMIC CHIP 1.2 pF +-5% 1608	GRM39COG 1R2C 50 PT	MURATA	EA	1.000	SMD	C81	
4	152-1202-1	CAP.CERAMIC CHIP 12 pF +-5% 1608	GRM39COG 120J 50 PT	MURATA	EA	4.000	SMD	C74,82,84,324	
4	152-1302-1	CAP.CERAMIC CHIP 13 pF +-5% 1608	GRM39COG 130J 50 PT	MURATA	EA	1.000	SMD	C328	
4	152-1502-1	CAP.CERAMIC CHIP 15 pF +-5% 1608	GRM39COG 150J 50 PT	MURATA	EA	2.000	SMD	C33,72	
4	152-0273-1	CAP.CERAMIC CHIP 16 pF +-10%1608	GRM39COG 160J 50 PT	MURATA	EA	1.000	SMD	C60	
4	152-1802-1	CAP.CERAMIC CHIP 18 pF +-5% 1608	GRM39COG 180J 50 PT	MURATA	EA	1.000	SMD	C86	
4	152-2212-1	CAP.CERAMIC CHIP 220 pF +-5% 1608	GRM39COG 221J 50 PT	MURATA	EA	8.000	SMD	C6,21,32,41,62,64,107,316 C109	
4	152-2232-1	CAP.CERAMIC CHIP 0.022uF +-5% 1608	GRM39X7R 223J 25 PT	MURATA	EA	1.000	SMD	C95,96	
4	152-2702-1	CAP.CERAMIC CHIP 27PF +-5% 1608	GRM39COG 270J 50 PT	MURATA	EA	2.000	SMD	C301,305	
4	152-3902-1	CAP.CERAMIC CHIP 39 pF +-5% 1608	GRM39COG 390J 50 PT	MURATA	EA	1.000	SMD	C65	
4	152-4702-1	CAP.CERAMIC CHIP 47 pF +-5% 1608	GRM39COG 470J 50 PT	MURATA	EA	1.000	SMD	C106	
4	152-4713-1	CAP.CERAMIC CHIP 470 pF +-5% 1608	GRM39COG 471J 50 PT	MURATA	EA	2.000	SMD	C40,C113	
4	152-4732-1	CAP.CERAMIC CHIP 0.047uF +-5% 1608	GRM39X7R 473J 16 PT	MURATA	EA	1.000	SMD	C5	
4	152-6835-1	CAP.CERAMIC CHIP 0.068uF +-80% 1608	GRM39Y5V 683Z 25 PT	MURATA	EA	1.000	SMD	C59	
4		NOT USE							
4	153-1023-1	CAP.CERAMIC CHIP 1000 pF +-10% 2012	GRM40X7R 102K 50 PT	MURATA	EA	1.000	SMD	C118	
4	153-1602-1	CAP.CERAMIC CHIP 16 pF +- 5% 2012	GRM40COG 160J 50 PT	MURATA	EA	1.000	SMD	C53	
4	153-1802-1	CAP.CERAMIC CHIP 18 pF +- 5% 2012	GRM40COG 180J 50 PT	MURATA	EA	1.000	SMD	C55	
4	153-2002-1	CAP.CERAMIC CHIP 20 pF +- 5% 2012	GRM40COG 200J 50 PT	MURATA	EA	2.000	SMD	C56,58	
4	153-3002-1	CAP.CERAMIC CHIP 30 pF +- 5% 2012	GRM40COG 300J 50 PT	MURATA	EA	2.000	SMD	C54,57	
4	241-0007-1	IC OP AMP (DUAL LOW PWR) SO-08	LM2904	MOTO	EA	2.000	SMD	IC4,6	
4	242-0014-1	IC IF W/RSSI SO-16	MC3371D	MOTO	EA	1.000	SMD	IC5	
4	242-0020-1	IC PLL SINGLE 1.1GHz SOT-20	LMX2315TMX	NS	EA	1.000	SMD	IC1	
4	264-0501-1	IC REGULATOR LOW DROP 5.0V SOT-23L	TK11250AMTL	TOKO	EA	2.000	SMD	IC2,7	
4	311-0002-1	TR RF SMALL 5.0GHz SOT-23 MK:P2p	BFR92A	PHILIPS	EA	3.000	SMD	Q16,307,308	
4	311-0005-1	TR RF MINI/PWR 6.5G SOT-89 MK:RF	2SC3357-(RH,RF,RE,25)	NEC	EA	1.000	SMD	Q4	
4	311-0007-1	TR RF SMALL 7.0GHz SOT-23 MK:3B	MMBT918L	MOTO	EA	1.000	SMD	Q306	
4	319-1012-1	BRT NPN B:100K SOT-23 MK:NN	KRC112S	KEC	EA	2.000	SMD	Q6,304	
4	326-0001-1	FET RF SMALL SOT-143 MK:MO	BF998	SIEMENS	EA	1.000	SMD	Q14	
4	315-0003-1	TR GEN. SMALL NPN 150mA SOT23 MK:ALY	KTC3875 RTK	KEC	EA	2.000	SMD	Q8,305	

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4	316-0008-1	TR SMALL PWR PNP 500mA SOT23 MK:T2	BCX-18	MOTO	EA	1.000	SMD	Q3		
4	317-0001-1	TR MINI PWR PNP 500mA SOT-89 MK:KY	KTA1001Y	KEC	EA	1.000	SMD	Q7		
4	319-0004-1	BRT PNP B:47K, 47K SOT-23 MK:PD	KRA104S RTK	KEC	EA	2.000	SMD	Q1.17		
4	319-0010-1	BRT PNP B:4.7K SOT-23 MK:PK	KRA110S RTK	KEC	EA	3.000	SMD	Q10.12,15		
4	319-1004-1	BRT NPN B:47K, 47K SOT-23 MK:ND	KRC104S RTK	KEC	EA	1.000	SMD	Q303		
4	322-0001-1	FET J RF SMALL V/UHF SOT-23 MK:6T	MMBFJ1310LT1	MOTO	EA	2.000	SMD	Q301.302		
4	326-0002-1	FET MOS SMALL UHF SOT-43 MK:UN	3SK240K-TE85R	TOSHIBA	EA	1.000	SMD	Q13		
4	341-0004-1	DIODE RECTIFIER 200V/1.0A MK:V230	DIF20	SHINDENGEN	EA	1.000	SMD	D6		
4	342-0003-1	DIODE SWITCHING DUAL SOT-23 MK:A3	KDS181 RTK	KEC	EA	1.000	SMD	D7		
4	342-0004-1	DIODE SWITCHING SING SOT-23 MK:F3	KDS193 RTK	KEC	EA	1.000	SMD	D12		
4	343-0002-1	DIODE PIN SMALL DUAL SOT-43 MK:M11	MA862	MATSUSHITA	EA	1.000	SMD	D2		
4	343-0004-1	DIODE SCHOTTKY SOT-23 MK:4M	MMBD101LT1	MOTO	EA	1.000	SMD	D3		
4	343-0004-1	DIODE PIN PWR 2.5W 50V MK:P01	UPT9401	MICRO SEMI C	EA	2.000	SMD	D4.5		
4	348-0002-1	DIODE VARICAP BB619 SOD-123 MK:Yellow S	Q62702-B570	SIEMENS	EA	8.000	SMD	D8,9,10,11,301,302,303,304		
4	083-1012-1	RES. THERMI.CHIP 10 Kohm +-3% 2012	TN20-2S101JB	MITSUBISHI	EA	1.000	SMD	TH2		
4	455-1023-1	COIL CHIP 1 uH +-10% 2827	1008AS-IR0K-01	FASTRON	EA	6.000	SMD	L3,4,5,6,301,304		
4	455-3923-1	COIL CHIP 3.9 uH +-10% 2928	1008AS-3R9K-01	FASTRON	EA	2.000	SMD	L303,306		
4	455-1013-1	COIL CHIP 100 nH +-10% 2827	1008AS-R10K-01	FASTRON	EA	3.000	SMD	L2,307,308		
4	455-1033-1	COIL CHIP 10 uH +-10% 2827	1008AS-100K-01	FASTRON	EA	3.000	SMD	L1,17,19		
4	455-4713-1	COIL CHIP 470 nH +-10% 2928	1008AS-R47K-01	FASTRON	EA	1.000	SMD	L12		
4	421-0002-1	CHIP BEAD 39 Ohm 3A 3.2x1.6x1.1	FBM3216HS390P	태양우전	EA	2.000	SMD	FB1,FB2		
4	582-0002-1	FUSE 6.22X2.54	SSQ 4A T&R	SE KWANG	EA	1.000	SMD	F1		
4	433-0001-1	COIL VARIABLE MOLD COL:ORG	E558CN-100022	TOKO	EA	2.000	SMD	L302,305		
4	541-2001-2	CONNECTOR MAIL DUAL SMD (20PIN HEADER)		GOLDEN	EA	1.000	SMD	CON1		
4	NEW	PCB RF 88.5X54X1.2t		현 우	EA	1.000				
3	610-300-RTRA	RF PCB RETOUCH ASS'Y								
4	312-0003-1	HYBRID RF MODULE VHF H 45X12X7	M67710H	MITSUBISHI	EA	1.000	INS	IC3		
4	403-2096-2	X-TAL REF 20.945MHz -30+80 100PPM UM-1	B209457184	KONY	EA	1.000	INS	X2		
4	406-1281-1	VCTCXO 12.8M W/MOD -30+60 +-2.5PPM	VCTCXO-3625D4	SIN SUNG	EA	1.000	INS	X1		
4	411-2165-1	FILTER X-TAL. PAIR (UM-1)	21M15BU	KONY	PR	1.000	INS	XF1		
4	412-4553-1	FILTER CERAMIC 455K +-7.5KHZ 11X7X8.5	CFW455E	MURATA	EA	1.000	INS	CF1		
4	431-1006-1	COIL AIR SPRING 2.6D 6.5TL 0.5P	2.6DX0.5X6.5T-L	SAN-HA	EA	2.000	INS	L7,10		
4	431-1007-1	COIL AIR SPRING 2.6D 7.5TL 0.5P	2.6DX0.5X7.5T-L	SAN-HA	EA	3.000	INS	L8,9,11		
4	433-0006-1	COIL CAN VARIABLE MOLD 5.5X5.5X8	NE545SNAS-100107	TOKO	EA	4.000	INS	L13,14,15,16		
4	434-0004-1	COIL CAN VARIABLE 21.4MHZ MIX 6X6X6.5	332PC-K7149X	TOKO	EA	1.000	INS	T1		
4	434-0001-1	COIL CAN VARIABLE 455K IF 6X6X6.5 T13	5PLC-K50001Z-KR	TOKO	EA	1.000	INS	T2		
4	544-0209-1	CONNECTOR 2PIN HEADER (2.5mm)	G1L-G-2P-S3T2	정풍전자	EA	1.000	INS	CON2		
4	546-0101-1	TEST PIN 0.65mm / 11.7m	GDH-1SPC	골든콘넥타	EA	1.000	INS	TP1		
3	610-300-RMA	RF BOARD MOUNTING ASS'Y								
4	NEW	SHIELD CASE (L7) 6X6X6.5		신 우	EA	1.000	PAK			
4	NEW	SHIELD CASE (L8) 6X6X6.5		신 우	EA	1.000	PAK			
4	556-0005-1	CONNECTOR 2PIN HOUSING ASS'Y 2.5mm	JP-001-2	정풍전자	EA	1.000	INS			
2	610-300-LA	LOGIC BOARD ASS'Y								
3	610-300-LSA	LOGIC PCB SMD ASS'Y								
4	052-0002-1	RES. CHIP 0 ohm +-5% 1/16W 1608	CR 1/16 000 JT	HAN RYUK	EA	3.000	SMD	R414,450,472		
4	052-1002-1	RES. CHIP 10 ohm +-5% 1/16W 1608	CR 1/16 100 JT	HAN RYUK	EA	3.000	SMD	R406,438,443		
4	052-1012-1	RES. CHIP 100 ohm +-5% 1/16W 1608	CR 1/16 101 JT	HAN RYUK	EA	1.000	SMD	R449		
4	052-1022-1	RES. CHIP 1 Kohm +-5% 1/16W 1608	CR 1/16 102 JT	HAN RYUK	EA	1.000	SMD	R402		

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4	052-1032-1	RES. CHIP 10 Kohm +-5% 1/16W 1608	CR 1/16 103 JT	HAN RYUK	EA	7.000	SMD	R404, 405, 433, 457, 461, 475, 478	
4	052-1042-1	RES. CHIP 100 Kohm +-5% 1/16W 1608	CR 1/16 104 JT	HAN RYUK	EA	10.000	SMD	R409, 411, 412, 413, 415, 423, 441, 453, 463	
4	052-1052-1	RES. CHIP 1 Mohm +-5% 1/16W 1608	CR 1/16 105 JT	HAN RYUK	EA	1.000	SMD	R420	
4	052-1232-1	RES. CHIP 12 Kohm +-5% 1/16W 1608	CR 1/16 123 JT	HAN RYUK	EA	2.000	SMD	R410	
4	052-1242-1	RES. CHIP 120 Kohm +-5% 1/16W 1608	CR 1/16 124 JT	HAN RYUK	EA	1.000	SMD	R416, 459	
4	052-1822-1	RES. CHIP 1.8 Kohm +-5% 1/16W 1608	CR 1/16 182 JT	HAN RYUK	EA	1.000	SMD	R417	
4	052-1842-1	RES. CHIP 180 Kohm +-5% 1/16W 1608	CR 1/16 184 JT	HAN RYUK	EA	1.000	SMD	R447	
4	052-2032-1	RES. CHIP 20 Kohm +-5% 1/16W 1608	CR 1/16 203 JT	HAN RYUK	EA	2.000	SMD	R448	
4	052-2022-1	RES. CHIP 2 Kohm +-5% 1/16W 1608	CR 1/16 202 JT	HAN RYUK	EA	2.000	SMD	R403, 465	
4	052-2222-1	RES. CHIP 2.2 Kohm +-5% 1/16W 1608	CR 1/16 222 JT	HAN RYUK	EA	4.000	SMD	R470, 471	
4	052-2232-1	RES. CHIP 22 Kohm +-5% 1/16W 1608	CR 1/16 223 JT	HAN RYUK	EA	1.000	SMD	R421, 422, 424, 462	
4	052-2242-1	RES. CHIP 220 Kohm +-5% 1/16W 1608	CR 1/16 224 JT	HAN RYUK	EA	3.000	SMD	R436	
4	052-2732-1	RES. CHIP 27 Kohm +-5% 1/16W 1608	CR 1/16 273 JT	HAN RYUK	EA	1.000	SMD	R434, 435, 446	
4	052-3332-1	RES. CHIP 33 Kohm +-5% 1/16W 1608	CR 1/16 333 JT	HAN RYUK	EA	1.000	SMD	R445	
4	052-4312-1	RES. CHIP 430 ohm +-5% 1/16W 1609	CR 1/16 431 JT	HAN RYUK	EA	2.000	SMD	R464	
4	052-4702-1	RES. CHIP 47 ohm +-5% 1/16W 1608	CR 1/16 470 JT	HAN RYUK	EA	1.000	SMD	R437	
4	052-4722-1	RES. CHIP 4.7 Kohm +-5% 1/16W 1608	CR 1/16 472 JT	HAN RYUK	EA	4.000	SMD	R407	
4	052-4732-1	RES. CHIP 47 Kohm +-5% 1/16W 1608	CR 1/16 473 JT	HAN RYUK	EA	13.000	SMD	R408, 439, 442, 468	
4	052-4742-1	RES. CHIP 470 Kohm +-5% 1/16W 1608	CR 1/16 474 JT	HAN RYUK	EA	3.000	SMD	R401, 419, 426, 427, 428, 429, 430, 440, 460	
4	052-5632-1	RES. CHIP 56 Kohm +-5% 1/16W 1608	CR 1/16 563 JT	HAN RYUK	EA	1.000	SMD	R466, 467, 473, 477	
4	052-6832-1	RES. CHIP 68 Kohm +-5% 1/16W 1608	CR 1/16 683 JT	HAN RYUK	EA	1.000	SMD	R474	
4	052-8222-1	RES. CHIP 8.2 Kohm +-5% 1/16W 1608	CR 1/16 822 JT	HAN RYUK	EA	5.000	SMD	R418	
4	075-2033-3	RES. SEMIFIXED CHIP 20 Kohm 3DIA	EVM-5ESX50B24	MATSUSHITA	EA	1.000	SMD	R451, 452, 454, 455, 456	
4	075-5033-3	RES. SEMIFIXED CHIP 50 Kohm 3DIA	EVM-5ESX50B54	MATSUSHITA	EA	1.000	SMD	RV401	
4	118-0104-1	TANTAL CHIP 1 uF/ 16V +-20% 3216	TA-016 TCMS IK0M A	FUJITSU TOWA	EA	3.000	SMD	RV402	
4	118-0332-1	TANTAL CHIP 3.3 uF/ 6.3V +-20% 3216	TA-016 TCMS 3R3M A	FUJITSU TOWA	EA	1.000	SMD	C426, 453, 456	
4	118-1002-2	TANTAL CHIP 10 uF/6.3V +-20% 3216	TA-6R3 TCMS 100M A	FUJITSU TOWA	EA	1.000	SMD	C455	
4	118-1004-2	TANTAL CHIP 10 uF/16V +-20%	TA-016 TCMS 100M B	FUJITSU TOWA	EA	6.000	SMD	C410, 416, 418, 422, 429, 458,	
4	118-2204-1	TANTAL CHIP 22 uF/ 16V +-20%	TA-016 TCMS 220M C	FUJITSU TOWA	EA	1.000	SMD	C408	
4	118-2204-5	TANTAL CHIP 100uF/10V +-20%	TA-016 TCMS 101M D	FUJITSU TOWA	EA	1.000	SMD	C420	
4	152-1023-1	CAP. CERAMIC CHIP 1000 pF +-10%1608	GRM39X7R 102K 50 PT	MURATA	EA	2.000	SMD	C427, 428	
4	152-1033-1	CAP. CERAMIC CHIP 0.01 uF +-10%1608	GRM39X7R 103K 50 PT	MURATA	EA	1.000	SMD	C423	
4	152-1043-1	CAP. CERAMIC CHIP 0.1 uF +-10%1608	GRM39X7R 104K 16 PT	MURATA	EA	9.000	SMD	C406, 407, 409, 411, 424, 430, 431, 446, 459	
4	152-1822-1	CAP. CERAMIC CHIP 1800 pF +-5% 1608	GRM39X7R 182J 50 PT	MURATA	EA	12.000	SMD	C402, 403, 404, 412, 415, 417, 419, 425, 440	
4	152-2002-1	CAP. CERAMIC CHIP 20 pF +-5% 1608	GRM39COG 200J 50 PT	MURATA	EA	1.000	SMD	C445, 452, 454	
4	152-2212-1	CAP. CERAMIC CHIP 220 pF +-5% 1608	GRM39COG 221J 50 PT	MURATA	EA	2.000	SMD	C449	
4	152-2232-1	CAP. CERAMIC CHIP 0.022uF +-5% 1608	GRM39X7R 223J 25 PT	MURATA	EA	2.000	SMD	C413, 414	
4	152-3332-1	CAP. CERAMIC CHIP 0.033uF +-5% 1608	GRM39X7R 333J 16 PT	MURATA	EA	8.000	SMD	C401, 405, 439, 457, 460, 461, 462, 463	
4	152-4702-1	CAP. CERAMIC CHIP 47 pF +-5% 1608	GRM39COG 470J 50 PT	MURATA	EA	3.000	SMD	C443, 448	
4	152-4702-5	CAP. CERAMIC CHIP 470pF +-5% 1608	GRM39COG 471J 50 PT	MURATA	EA	8.000	SMD	C441, 450, 451	
4	152-4722-1	CAP. CERAMIC CHIP 4700 pF +-5% 1608	GRM39X7R 472J 50 PT	MURATA	EA	1.000	SMD	C432, 433, 435, 436, 437, 438, 442, 444	
4	152-4732-1	CAP. CERAMIC CHIP 0.047uF +-5% 1608	GRM39X7R 473J 16 PT	MURATA	EA	1.000	SMD	C434	
4	210-0003-1	IC MPU /OTP 24K 8BIT QFP80	TMF87PP21DF	TOSHIBA	EA	1.000	SMD	C447	
4	241-0006-1	IC OP AMP (QUAD LOW PWR) SO-14	LM2902	MOTO	EA	1.000	SMD	C421	
4	221-0006-1	IC EEPROM (2K-Bit SERIAL) SOP8PIN	CAT24C02J1	CATALYST	EA	2.000	SMD	IC401	
					EA	1.000	SMD	IC405, 406	
					EA	1.000	SMD	IC403	

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4	276-0003-1	IC DIGITAL VOL	X9313WX1	TOKO	EA	1.000	SMD	IC404	
4	264-0501-1	IC REGULATOR LOW DROP 5.0V SOT-23L	TK11250AMTL	LG	EA	1.000	SMD	IC402	
4	271-0001-1	IC ANALOG SW (QUAD) SO-14	GD4066BD		EA	1.000	SMD	IC407	
4	276-0001-1	IC SHIFT RESISTOR SO-16	MC14094BDR2	MOTO	EA	1.000	SMD	IC409	
4	325-0002-1	TR CHIP. D-MOS SOT-223	BSP250	PHILIPS	EA	1.000	SMD	Q401	
4	315-0001-1	TR GEN. SMALL PNP 500mA SOT-23 MK:ASY	KTA1504	KEC	EA	1.000	SMD	Q407	
4	315-0003-1	TR GEN. SMALL PNP 150mA SOT-23 MK:ALG	KTC3875	KEC	EA	1.000	SMD	Q402,403	
4	325-0001-1	FET MOS POWER SW SOT-89 MK:DY	2SK1579	HITACHI	EA	2.000	SMD	Q410	
4	319-0004-1	BRT PNP B:47K, 47K SOT-23 MK:PD	KRA104S	KEC	EA	1.000	SMD	Q409	
4	319-0010-1	BRT PNP B:4.7K SOT-23 MK:PK	KRA110S	KEC	EA	1.000	SMD	Q406,412	
4	319-1004-1	BRT PNP B:47K, 47K SOT-23 MK:ND	KRC104S	KEC	EA	5.000	SMD	Q404,405,408,411,413	
4	342-0003-1	DIODE SWITCHING DUAL SOT-23 MK:A3	KDS181	KEC	EA	1.000	SMD	D405	
4	342-0001-1	DIODE SWITCHING DUAL SOT-23 MK:C3	KDS226	KEC	EA	1.000	SMD	D404	
4	342-0004-1	DIODE SWITCHING SINGLE SOT-23 MK:F3	KDS193	KEC	EA	1.000	SMD	D407	
4	345-0754-1	DIODE ZENER 7.5V 0.2W SOT-23 MK:7.5V	ZO2W7.5V Y KTK	KEC	EA	1.000	SMD	D406	
4	361-2431-1	LED CHIP VERTICAL SMD 3.0X2.0X1.0	PV1101P-TR(YELLOW)	STANLEY	EA	3.000	SMD	D401,402,403	
4	401-0401-1	X-TAL 4.0MHz 30PTM -30+60C 49/S SMD	HC49/SMSH	KONY	EA	1.000	SMD	X401	
4	526-0004-1	TACT SWITCH STEM 500GF 7.2X6.3X2.5	SKHUPF038H	JAPAN ALPS	EA	8.000	SMD	SW401,402,403,404,405,406,407,408	
4	542-2001-2	CONNECTOR FEMALL DUAL SMD(20PIN SOCKET)		GOLDEN	EA	1.000	SMD	CON401	
4	NEW	PCB LOGIC	WJ 88.5x54x1.2t 4층	현 우	EA	1.000	SMD		
3	610-300-LPRA	LOGIC PCB RETOUCH ASS'Y							
4	366-0002-1	LCD LMR SEG32 COM4 44X22.5X2.0T	T641001	SEIKO	EA	1.000	INS	LCD401	
4	526-0005-2	TACT SWITCH STEM 3KGF 10.6X8.5X7.85		삼원전기	EA	3.000	INS	SW409,410,411	
4	240-0003-1	IC AUDIO AMP 1W DIP-08	LM386N-3	NATIONAL	EA	1.000	INS	IC408	
4	544-0611-2	CONNECTOR 6PIN HEADER (ANGLE)		골든콘넥타	EA	1.000	INS	CON402	
4	541-0405-1	CONNECTOR 4PIN HEADER (STRAIGHT)		골든콘넥타	EA	1.000	INS	CON405	
4	NEW	ZEBRA TYPE:VP PITCH:0.18	44 X2.7 X7.5	영포리머	EA	1.000	PAK		
3	610-300-SSA	SPEKER MIC SUB ASS'Y							
4	513-0013-1	SPKR 8ohm 1.2W 36DIA X 5.0 X 1.5T(사출)		UNISON	EA	1.000	INS	SPEAKER	
4	518-0008-1	MIC CONDENSER IKohm 6DIAx2.7	WM-063T	마쯔시다	EA	1.000	INS	MIC	
4	556-0006-1	CONNECTOR 4PIN HOUSING ASS'Y (2mm)	JP-001-3	정품전자	EA	2.000	PAK	CON406	
3	610-300-	UPPER COVER ASS'Y							
4	705-1008-A	UPPER COVER	YELLOW P.C D/GREY PRINT	영인화학	EA	1.000	PAK		
4	705-1009-A	PTT PANEL	YELLOW P.C D/GREY PRINT	영인화학	EA	1.000	PAK	UPPER COVER ASS'Y	
4	705-1002-A	FRAME	ACETAL	영인화학	EA	1.000	PAK		
4	705-1001-A	WINDOW	ACRYLFILTER MK200 1.2t	다이아벨	EA	1.000	PAK		
4	705-2009-A	FUNCTION BRACKET	SUS304 1.0t 55*28.5	대동정공사	EA	1.000	PAK		
4	705-2008-A	SPEAKER BRACKET	SUS304 1.0t48.8*39.8	대동정공사	EA	1.000	PAK		
4	705-4001-A	PTT BUTTON	SILICON RUBBER	부강라바텍	EA	1.000	PAK		
4	705-4003-A	FUNCTION BUTTON	SILICON RUBBER	부강라바텍	EA	1.000	PAK		
4	705-4004-A	MIC HOLDER 1.0t	SILICON RUBBER	부강라바텍	EA	1.000	PAK		
4	705-1015-A	SHROUD	ACETAL	영인화학	EA	1.000	PAK		
4	705-4010-A	SHROUD RUBBER 1.8t	SILICON RUBBER	부강라바텍	EA	1.000	PAK		
4	705-4009-A	BATTERY GASKET	SILICON RUBBER	부강라바텍	EA	1.000	PAK		
4	705-4006-A	CONTACT PIN RING	SILICON RUBBER	부강라바텍	EA	2.000	PAK		
4	705-4005-A	SPEAKER RING 1.0t	SILICON RUBBER	부강라바텍	EA	1.000	PAK		
4	705-5001-A	CONTACT PIN	BsBM 4.5PIE(GOLD 도금)	일신기업사	EA	2.000	PAK		
4	705-5003-A	CONCACT PIN SPRING	SUS 0.4PIE	원 스프링	EA	2.000	PAK		

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LEVEL	PART NUMBER	NAME & DESCRIPTION	VENDOR CODE	생산자	UT	Q'TY	OPTN	REFERENCE NUMBER	ECO DATE	ECO-NO.
4	705-6002-A	NAME PLATE	NEXAN 0.25t	신흥기업사	EA	1.000	PAK	FRAME+UPPER COVER		
4	700-0016-1	SCREW	FH M 3*6 SUS	남양정공	EA	2.000	PAK	SPK BKT+U/COVER.FUN BKT=U/COVER		
4	700-0008-1	SCREW	BH M 3*4 Zn-W	남양정공	EA	6.000	PAK			
4	705-4007-A	GASKET	5.6*8.0*1.0t	부강라바텍	EA	1.000	PAK			
4	705-9005-A	SPK FELT	30.0PIE*0.2t(방사)	일신기업사	EA	1.000	PAK			
4	700-0017-1	FLAT WASHER	3.2*8.0*0.5t	남양정공	EA	1.000	PAK			
4	610-300-	BOTTOM COVER ASS'Y								
4	705-1010-A	BOTTOM COVER	YELLOW P.C	영인화학	EA	1.000	PAK			
4	705-2011-A	BELT CLIP	SUS304 1.0t BLACK	우리정공사	EA	1.000	PAK			
4	705-4008-A	COVER GASKET	SILICON RUBBER	부강라바텍	EA	1.000	PAK			
4	705-6004-A	LABEL(SERIAL)		신흥기업	EA	1.000	PAK			
4	705-6005-A	LABEL(SUPPLIER)		신흥기업	EA	1.000	PAK			
4	705-9001-A	HAND STRIP		신라물렉션	EA	1.000	PAK			
4	700-0018-1	SCREW	BH M 3*4 SUS	남양정공	EA	2.000	PAK			
4	700-0019-1	SCREW	LH M 4*10 SUS	영진금속	EA	6.000	PAK			
2	610-300-SS	SUB-SET								
3	610-300-PA	PACKING ASS'Y								
4	575-9661-1	BATTERY PACK 9.6V 1100mA	WP-BAT PACK	SANYO	EA	1.000	PAK			
5	570-1101-1	BATT CELL NI-CD 1.2V 1100mA	KR-1100AAU		EA	8.000	PAK			
5	527-0002-1	POLY SWITCH TRIP 전류: 4A	LTP190	TOCAD-DONGHWA	EA	1.000	SMD			
5	344-0004-1	SCHOTTKY BARRIER RECTIFIERS	1N5819	DII TAIWAN	EA	1.000	INS			
4	472-1491-1	ADAPTOR DC14V 2A 절연종류: E-종	CH850-APT 14V2A	인노테크전자	EA	1.000	PAK			
5	085-1032-1	THERMISTOR 10K OHM +/-5% -20c--110c	10KD-3J	대광전자	EA	1.000	INS			
4	481-1501-1	ANTENNA HERICAL 150MHz DIA X mm	ANT 150M HELICAL	HIGH POWER	EA	1.000	PAK			
4	600-0501-1	BATTERY PACK ASSEMBLY (2차 전지)								
4	705-1011-A	BATTERY CASE	YELLOW P.C L/GREY PRINT	영인화학	EA	1.000		BATTERY PACK ASS'Y		
4	705-1012-A	BATTERY COVER	YELLOW P.C	영인화학	EA	1.000		BATTERY PACK ASS'Y		
4	705-3001-A	LOCKER	ADIC	토성사	EA	1.000				
4	705-1004-A	RELEASE KEY	ACETAL	영인화학	EA	1.000				
4	705-2003-A	BATTERY TERMINAL	NI-P 0.2t	우리정공사	EA	3.000		BATTERY PACK ASS'Y		
4	705-5011-A	BATTERY PIN	페삭봉 65*4PIE NI-P	일신기업사	EA	1.000				
4	705-5012-A	RELEASE KEY PIN	SUS 12*1.5PIE	일신기업사	EA	1.000				
4	705-5013-A	LOCKER KEY PIN	SUS 8*1.5PIE	일신기업사	EA	1.000				
4	705-5002-A	BATTERY PIN SPRING	SUS 0.65PIE	원스프링	EA	1.000				
4	705-9004-A	TEFLON WASHER	TEFLON 0.5t*14PIE	신흥기업	EA	1.000				
4	705-6006-A	LABEL(OPERATING)		신흥기업	EA	1.000				
4	705-4008-A	CONTACT PIN RING	SILICON RUBBER	부강라바텍	EA	1.000				
4	600-0502-1	BATTERY PACK ASSEMBLY (1차 전지)								
4	705-1014-A	BATTERY CASE (CORE 교체)	GREY P.C RED PRINT	영인화학	EA	1.000		BATTERY PACK ASS'Y		
4	705-1012-B	BATTERY COVER	GREY P.C	영인화학	EA	1.000		BATTERY PACK ASS'Y		
4	705-3001-A	LOCKER	ADIC	토성사	EA	1.000				
4	705-1004-A	RELEASE KEY	ACETAL	영인화학	EA	1.000				
4	705-5011-A	BATTERY PIN	페삭봉 65*4PIE NI-P	일신기업사	EA	1.000				
4	705-5012-A	RELEASE KEY PIN	SUS 12*1.5PIE	일신기업사	EA	1.000				
4	705-5013-A	LOCKER KEY PIN	SUS 8*1.5PIE	일신기업사	EA	1.000				
4	705-5002-A	BATTERY PIN SPRING	SUS 0.65PIE	원스프링	EA	1.000				
4	705-9004-A	TEFLON WASHER	TEFLON 0.5t*14PIE	신흥기업	EA	1.000				
4	705-6006-A	LABEL(OPERATING)		신흥기업	EA	1.000				
4	705-4008-A	CONTACT PIN RING	SILICON RUBBER	부강라바텍	EA	1.000				

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4	705-4006-A	CONTACT PIN RING	SILICON RUBBER	무강라바텍 신흥기업	EA	1.000				
4	705-6001-A	LABEL (SHIELD)			EA	1.000				
4	610-300-	DIGITAL RF BOARD ASSEMBLY								
4	705-1007-A	LCD LENS	CLEAR ACRYL/WHITE PRINT	영인화학	EA	1.000				
4	705-2007-A	LCD CASE	SUS304 0.3t	우리정공사	EA	1.000				
4	705-2004-A	ANT CONTACT TERMINAL	SUS304 0.3t	우리정공사	EA	2.000				
4	705-2010-A	VCO SHIELD CASE	SPT 0.3t	우리정공사	EA	1.000				
4	705-2006-A	POWER SHIELD CASE	SPT 0.3t	우리정공사	EA	1.000				
4	705-2001-A	HEAT SINK	AL-P 2.0t	우리정공사	EA	1.000				
4	705-3002-A	DIECASTING "A"	AIDC	토성사	EA	1.000				
4	705-3003-A	DIECASTING "B"	AIDC	토성사	EA	1.000				
4	700-0020-1	SCREW	BH M 2.6*8 ZN-W	남양정공	EA	2.000		IC+DIECASTING "A"		
4	700-0021-1	SCREW	BH M 2.6*6 ZN-W	남양정공	EA	2.000		DIECASTING "A"+HEATSINK		
4	700-0022-1	SCREW	BH M 2.6*20 ZN-W	남양정공	EA	4.000		DIGITAL PCB+DIECASTING "B"		
4	705-5009-A	PCB INSERT	BSBM 3.1*5(SN-P)	일신기업사	EA	2.000				
4	700-0023-1	SCREW	BH PLUS 3*8 ZN-W	영진금속	EA	4.000		DIECASTING "A"+UPPER COVER		
4	610-300-	SET PACKING								
4	705-7016-A	CARTON BOX			EA	1/20				
4	705-7013-A	SET BOX		성대포장	EA	1.000				
4	705-7014-A	SET PAD		성대포장	EA	1.000				
4	705-7002-A	POLY BAG "A"	SET (150*230)	일신기업사	EA	1.000				
4	705-7003-A	POLY BAG "B"	BATTERY (120*150)	일신기업사	EA	2.000				
4	705-7004-A	POLY BAG "C"	ANT (220*35)	일신기업사	EA	1.000				
4	705-8001-A	MANUAL	SET	코대콤	EA	1.000				
4	705-9002-A	LEATHER CASE		신라콜렉션	EA	1.000				
4	705-9003-A	SHOULDER STRIP		신라콜렉션	EA	1.000				