

IS MODULE :

AUTO-CHEK GSM

BUYER'S MODEL :

AUTO-CHEK GSM

DATE:2012년 05월09일

REV: 0

NO	ERP CODE	NOMENCLATURE	DESCRIPTION	MFR PARTS	MFR	Q'TY	REFERENCE DESIGN NO	1 OF 1
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**BGM PART SMD 공정**

1		P.C.B	FR-4 DOUBLE LAYER 0.8t	AUTO-CHEK_BGM 120503	동화전자	1	BLACK	
2								
3		CPU	TQFP-100	MSP430F6638	TI	1	U101	
4	RGC4E0020	IR SENSOR		KPI3020R4	KODENSHI	1	U104	
5	RGB3E0030	BI-CMOS OP AMP	SOIC-8	MCP617	MICROCHIP	1	U102	
6		REGULATOR	SOT-23	A6250E-30(3.0V)	AIT	2	U204, 205	
7								
8	RGB5E0030	DIODE	SOD-323	B5819	WTE	3	D101, 102, 201	
9								
10		RESISTOR	SMD-0402F	680 OHM/F	WALSIN	4	R113, 114, 115, 116	
11		RESISTOR	SMD-0402F	2K OHM/F	WALSIN	1	R110	
12		RESISTOR	SMD-0402F	12.4K OHM/F	WALSIN	1	R142	
13	RGB1E0420	RESISTOR	SMD-0402F	15K OHM/F	WALSIN	1	R141	
14		RESISTOR	SMD-0402F	26.1K OHM/F	WALSIN	5	R117, 118, 119, 121, 123	
15	RGB1E0450	RESISTOR	SMD-0402F	32.4K OHM/F	WALSIN	1	R120	
16	RGB1E0750	RESISTOR	SMD-0402F	1M OHM/F	WALSIN	2	R144, 207	
17								
18	RGB1E0480	RESISTOR	SMD-0402J	0 OHM	WALSIN	6	R133, 134, 135, 138, 139, 145	
19	RGB1E0500	RESISTOR	SMD-0402J	100 OHM	WALSIN	1	R105	
20	RGB1E0520	RESISTOR	SMD-0402J	1K OHM	WALSIN	1	R140	
21	RGB1E0530	RESISTOR	SMD-0402J	1.5K OHM	WALSIN	1	R143	
22	RGB1E0540	RESISTOR	SMD-0402J	4.7K OHM	WALSIN	2	R122, 124	
23		RESISTOR	SMD-0402J	10K OHM	WALSIN	1	R104	
24	RGB1E0570	RESISTOR	SMD-0402J	47K OHM	WALSIN	4	R101, 102, 103, 109	
25	RGB1E0590	RESISTOR	SMD-0402J	200K OHM	WALSIN	5	R106, 107, 108, 111, 112	
26		RESISTOR	SMD-0402F	2M OHM	WALSIN	1	R206	
27								
28		CAPACITOR	SMD-0402 6.3V	10pF	WALSIN	1	C105	
29	RGB2E0060	CAPACITOR	SMD-0402 6.3V	12pF	WALSIN	1	C106	
30	RGB2E0070	CAPACITOR	SMD-0402 6.3V	22pF	WALSIN	2	C133, 134	
31		CAPACITOR	SMD-0402 6.3V	1000pF	WALSIN	4	C108, 109, 110, 111	
32		CAPACITOR	SMD-0402 6.3V	4700pF	WALSIN	1	C127	
33	RGB2E0090	CAPACITOR	SMD-0402 6.3V	0.1uF	WALSIN	25	C101, 102, 103, 104, 112, 113, 114	
34							C116, 117, 118, 119, 120, 121, 122	

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35							C123, 124, 125, 126, 130, 131, 132	
36							C135, 136, 212, 215	
37		CAPACITOR	SMD-0402 6.3V	0.47uF	WALSIN	1	C107	
38	RGB2E0100	CAPACITOR	SMD-0402 6.3V	1uF	WALSIN	3	C115, 214, 217	
39								
40	RGC2E0030	SUPER CAPACIROR		CSME414TA	VINATECH	1	BAT103	
41		X-TAL	SMD 7.0 x 1.5 (32.768KHz)	MS3V-T1R (32.768KHz)	Micro Crystal Switzerland	1	Y101	
42	RGB4E0020	X-TAL	5.0x3.2(SMD)	12MHz	정원전자	1	Y102	
43								
44		THERMISTOR	SMD-0603F	LNSK16F103FP	LATTRON	1	RT101	
45		STRIP CONNECTOR	일체형 "A" TYPE	일체형 "A" TYPE	우리일렉	1	J101	
<b>GSM PART SMD 공정</b>								
46		P.C.B	FR-4 MULTI LAYER 0.8t	AUTO-CHEK GSM 120214	동화전자	1	41.1x84.6 (COLOR : GREEN)	
47								
48		GSM MODULE		GE865-QUAD	TELIT	1	U302	
49		STEP-UP CONVERTER		TPS63020	TI	1	U203	
50		Battery Charger	DFN-10	ISL9203A	INTER SIL	1	U301	
51								
52		POWER INDUCTOR	SHIELD (6.0x6.0x3.0)	SFCB6028-1R5F (1.5uH)	SAMWHA	1	L202	
53		P-CH FET	SOT-23	LP4101LT1G	LRC	1	Q201	
54		N-CH FET	SOT-23	LN4501LT1G	LRC	1	Q304	
55	RGC6E0010	NPN TRANSISTOR	SOT-23	KRC102S / LMUN2211LTI	KEC / LRC	6	Q202, 301, 302, 303, 305, 306	
56								
57	RGB5E0030	DIODE	SOD-323	B5819	WTE	1	D202	
58	RGB3E0270	ESD VARISTOR	SMD-0402	18V-10pF	WALSIN	10	C201, 202, 203, 204, 218, 219, 320	
59							C321, 322, 323	
60	RGB1E0600	BEAD	SMD-0402	BEAD (30.Ohm)	WALSIN	3	L201, 203, 204	
61								
62		RESISTOR	SMD-0402F	280K OHM/F	WALSIN	1	R212	
63		RESISTOR	SMD-0402F	301K OHM/F	WALSIN	1	R213	
64		RESISTOR	SMD-0402F	1M OHM/F	WALSIN	1	R211	
65								
66	RGB1E0480	RESISTOR	SMD-0402J	0 OHM	WALSIN	4	C326, R307, R308, R315	
67	RGB1E0500	RESISTOR	SMD-0402J	100 OHM	WALSIN	4	R305, 312, 313, 314	

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68		RESISTOR	SMD-0402J	330 OHM	WALSIN	1	R306	
69	RGB1E0550	RESISTOR	SMD-0402J	10K OHM	WALSIN	1	R62	
70		RESISTOR	SMD-0402J	100K OHM	WALSIN	3	R202, 303, 309	
71	RGB1E0590	RESISTOR	SMD-0402J	200K OHM	WALSIN	4	R63, 203, 208, 302	
72								
73	RGB2E0080	CAPACITOR	SMD-0402 6.3V	1nF	WALSIN	1	C302	
74	RGB2E0090	CAPACITOR	SMD-0402 6.3V	0.1uF	WALSIN	4	C209, 303, 316, 319	
75		CAPACITOR	SMD-0402 6.3V	2.2uF	WALSIN	3	C210, 214, 317	
76								
77	RGB2E0020	CERAMIC CAPACITOR	SMD-0805	10uF/10V	SAMSUNG	7	C212, 213, 215, 216, 217, 301, 304	
78	RGB2E0020	ELECTROLYTIC	TANTAL "A"	100uF/6.3V	NEC	3	C208, 211, 318	
79								
80		TACK SWITCH	TACK SWITCH	MST112-1114A	MSE	1	SW301	
81		LED	SMD-0603	BLUE	ANY	1	D302	
82		RF SWITCH		MHC-310	Amphenol	1	J306	
83		BUZZER	SMD - 9phi	HMT-9045	HNC	1	BZ301	
84		SIM CARD SOCKET	SIM CARD SOCKET	DSIM-L-015D	DSIM	1	J304	
85		USB CONNECTOR	MINI USB	USB112(Mini B 5 Pin)	우리일렉	1	J203	
86		CONNECTOR	SMD - 2P	12505WR-02	연호 전자	1	J303	
<b>BGM PART 수납 공정</b>								
87		CONNECTOR	2.0 PITCH 7PIN	2.0 PITCH 7PIN		2	J201, 202	
<b>조립공정</b>								
88		DOM SW			우리일렉	1	SW101, 102, 103	
89		LCD	ZEBRA TYPE	62032ATR	GENNDA	1	J102	
90		LCD ZEBRA			GENNDA	1	J102	