

BOM-G6S

Model: G6S

Composer: 李光炎

Component: PCBA

Maintain: 黄英

Order	Material code		Material name	Specification	Quantity	Unit	Location number	Remark
1	1.01.01.0003	101010003	SMD resistor	0R, 0402, ±5%	4	PCS	R201, R313, R314, RA01	
2	1.01.01.0034	101010034	SMD resistor	10R, 0402, ±5%	3	PCS	R307, R901, R902	
3	1.01.01.0022	101010022	SMD resistor	100R, 0402, ±5%	2	PCS	R301, R303	
4	1.01.01.0103	101010103	SMD resistor	240R, 0402, ±5%	1	PCS	R108	
5		101010150	SMD resistor	470R, 0402, ±5%	2	PCS	R107, R109	
6	1.01.01.0060	101010060	SMD resistor	1K, 0402, ±5%	6	PCS	R408, R525, R701, RA02, RA03, RA05	
7	1.01.01.0284	101010283	SMD resistor	1.1K, 0402, ±1%	1	PCS	R503	
8	1.01.01.0010	101010010	SMD resistor	1.5K, 0402, ±5%	1	PCS	R903	
9	1.01.01.0071	101010071	SMD resistor	2.2K, 0402, ±5%	1	PCS	R216	
10	1.01.01.0070	101010070	SMD resistor	2.2K, 0402, ±1%	3	PCS	R404, R516, R704	
11	1.01.01.0140	101010139	SMD resistor	4.7K, 0402, ±5%	11	PCS	R102, R103, R104, R111, R221, R304, R308, R526, R527, R801, R802	
12	1.01.01.0286	101010285	SMD resistor	6.19K, 0402, ±1%	1	PCS	R403	
13	1.01.01.0028	101010028	SMD resistor	10K, 0402, ±5%	13	PCS	R105, R401, R402, R405, R406, R504, R507, R517, R518, R524, R705, R706, RA06	
14	1.01.01.0030	101010030	SMD resistor	10K, 0603, ±5%	1	PCS	R510	
15	1.01.01.0044	101010044	SMD resistor	12K, 0402, ±5%	1	PCS	R501	
16	1.01.01.0084	101010084	SMD resistor	20K, 0402, ±5%	1	PCS	RA11	
17	1.01.01.0218	101010217	SMD resistor	24.9K, 0402, ±1%	1	PCS	R703	
18	1.01.01.0125	101010125	SMD resistor	33K, 0402, ±5%	1	PCS	R905	
19		101010145	SMD resistor	40.2K, 0402, ±1%	2	PCS	R515, R520	
20	1.01.01.0148	101010147	SMD resistor	42.2K, 0402, ±1%	1	PCS	R511	
21	1.01.01.0156	101010155	SMD resistor	47K, 0402, ±5%	7	PCS	R502, R508, R512, R519, R523, R702, R708	
22	1.01.01.0289	101010289	SMD resistor	75K, 0402, ±5%	2	PCS	RA04, RA07	
23	1.01.01.0017	101010017	SMD resistor	100K, 0402, ±5%	14	PCS	R112, R113, R214, R302, R306, R407, R513, R522, R707, R904, RA08, RA09, RA10, RA12	
24	1.01.01.0016	101010016	SMD resistor	100K, 0402, ±1%	2	PCS	R505, R509	
25	1.01.01.0080	101010080	SMD resistor	200K, 0402, ±1%	1	PCS	R521	

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26	1.01.01.0089	101010089	SMD resistor	210K, 0402, ±1%	1	PCS	R514	
27	1.01.01.0202	101010201	SMD resistor	240K, 0402, ±5%	1	PCS	R219	
28	1.01.01.0065	101010065	SMD resistor	1M, 0402, ±5%	2	PCS	R110, R305	
29	1.01.05.0001	101050001	SMD varistor	SMD0402G3R3NXT, 3.3V, 0402	9	PCS	RV201, RV202, RV203, RV204, RV401, RV701, RV702, RV901, RV902	
30	1.01.05.0003	101050003	SMD varistor	39V, 1210	1	PCS	RV501	
31	1.13.01.0007	113010007	SMD beads	120R, 100MHz, 0402, ±5%	3	PCS	EA01, EB101, EB201	
32	1.03.01.0033	103010033	SMD high frequency inductor	6.8NH, 0402, ±5%	1	PCS	L301	
33	1.03.01.0001	103010001	SMD high frequency inductor	100NH, 0402, ±5%	2	PCS	L303, L304	
34	1.03.03.0034	103030034	SMD power inductor	MHCI06030, 15uH±20%, 3A, 6.6×7.3×3mm	1	PCS	L501	
35	1.02.01.0018	102010018	SMD capacitor	NPO/COG, 10P, 50V, 0402, ±5%	2	PCS	C203, C204	
36	1.02.01.0029	102010029	SMD capacitor	NPO/COG, 15P, 50V, 0402, ±5%	1	PCS	C308	Scheme 1
37	1.02.01.0029	102010029	SMD capacitor	NPO/COG, 15P, 50V, 0402, ±5%	2	PCS	C101, C102	Scheme 2: print C101, C102 capacitor
38	1.02.01.0052	102010052	SMD capacitor	NPO/COG, 22P, 50V, 0402, ±5%	2	PCS	C103, C104	
39	1.02.01.0064	102010064	SMD capacitor	NPO/COG, 33P, 50V, 0402, ±5%	1	PCS	C303	
40		102010174	SMD capacitor	NPO/COG, 39P, 50V, 0402, ±5%	1	PCS	C306	
41	1.02.01.0108	102010108	SMD capacitor	NPO/COG, 150P, 50V, 0402, ±5%	1	PCS	C508	
42		102010170	SMD capacitor	NPO/COG, 470P, 50V, 0402, ±5%	3	PCS	C301, CA03, CA05	
43	1.02.01.0031	102010031	SMD capacitor	X7R, 1n, 50V, 0402, ±10%	4	PCS	C114, C202, C207, C211	
44	1.02.01.0015	102010015	SMD capacitor	X7R, 10n, 50V, 0402, ±10%	1	PCS	C401	

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45	1.02.01.0009	102010009	SMD capacitor	X7R, 100n, 16V, 0402, ±10%	25	PCS	C105, C107, C108, C109, C110, C111, C112, C113, C206, C210, C305, C309, C402, C403, C504, C507, C509, C601, C602, C603, C604, C605, C801, CA04, CA06	
46	1.02.01.0014	102010014	SMD capacitor	X5R, 100n, 50V, 0603, ±10%	1	PCS	C510	
47	1.02.01.0046	102010046	SMD capacitor	X5R, 220n, 16V, 0402, ±10%	1	PCS	C201	
48	1.02.01.0039	102010039	SMD capacitor	X5R, 1u, 6.3V, 0402, ±10%	5	PCS	C307, C501, C505, C511, C701	
49	1.02.01.0023	102010023	SMD capacitor	X5R, 10u, 6.3V, 0805, ±10%	6	PCS	C106, C310, C502, C503, C506, C512	
50	1.02.02.0003	102020003	SMD tantalum capacitor	10uF, 10v, A type, ±10%, TAJA106K010RNJ	1	PCS	C205	
51	1.02.02.0030	102020031	SMD tantalum capacitor	100uF, 6.3V, B type, ±20%, 6TPE100MAZB (POSCAP)	1	PCS	C513	
52	1.02.02.0002	102020002	SMD tantalum capacitor	100uF, 6.3V, B type, ±10%, TAJB107K006RNJ	1	PCS	C209	
53	1.02.02.0029	102020029	SMD tantalum capacitor	330uF, 10V, D type, ±10%	1	PCS	C208	
54	1.02.03.0014	102030014	SMD Electrolytic capacitor	10uF, 50V, 5*5.3, ±20%	2	PCS	CE501, CE502	
55	1.04.01.0003	104010002	SMD diode	1N4148WS, T4, SOD-323	2	PCS	D401, D402	
56	1.04.01.0074	104010071	SMD diode	1SMB5938BT3G, 938B, 3W, 34.2V, SMB	1	PCS	ZD402	
57	1.04.01.0075	104010072	SMD diode	B5819W, SL, 40V, 1A, SOD-123	1	PCS	D901	
58	1.04.01.0043	104010041	SMD diode	1N4007 (M7), DO-214AC	1	PCS	D504	
59	1.04.01.0047	104010045	SMD diode	SS34 (3A/40V), DO-214AC	1	PCS	D505	
60	1.04.01.0073	104010025	SMD diode	BZT52C3V3S, SOD-323	1	PCS	ZD502	
61	1.04.01.0050	104010026	SMD diode	BZT52C4V7S, SOD-323	2	PCS	ZD401, ZD701	
62	1.04.01.0051	104010027	SMD diode	BZT52C5V6S, SOD-323	1	PCS	ZD501	
63	1.04.01.0079	104010077	SMD diode	BZT52C12S, WH, ±5%, SOD-323	1	PCS	ZD403	
64	1.04.01.0049	104010047	SMD diode	LM3Z33VT1G, ±5%, SOD-323	2	PCS	ZD503, ZD703	
65	1.04.01.0078	104010075	SMD diode	ESD03V32D-LC, SOD-323	1	PCS	ZD702	
66	1.04.03.0005	104030005	SMD LED diode	High light yellow, 0603	2	PCS	LD103, LD502	
67	1.04.03.0008	104030008	SMD LED diode	High light red, 0603	2	PCS	LD101, LD501	

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68	1.04.03.0007	104030007	SMD LED diode	High light green, 0603	1	PCS	LD102	
69	1.05.01.0036	105010036	SMD transitor	MMST3904 (K2N) , SOT-323	3	PCS	Q201, Q204, QA01	
70	1.05.01.0038	105010038	SMD transitor	MMST5551, SOT-323	1	PCS	Q502	
71	1.05.01.0039	105010039	SMD transitor	MMST5401, SOT-323	2	PCS	Q504, Q505	
72	1.05.01.0035	105010035	SMD transitor	MJE13003, 1.5A/700V, TO-252	1	PCS	Q501	
73	1.05.01.0022	105010022	SMD transitor	MMDT5401 (K4M), SOT-363	1	PCS	TB301	
74	1.05.01.0023	105010023	SMD transitor	MMDT5451 (KNM), SOT-363	1	PCS	TB701	
75	1.05.03.0013	105030013	SMD CMOS	A03415A, 4A/20V, SOT-23	1	PCS	Q203	
76	1.05.03.0010	105030010	SMD CMOS	A03401, 4A/30V, SOT-23	1	PCS	Q701	
77	1.05.03.0006	105030006	SMD CMOS	NK2301A, 3A/16V, SOT-23	2	PCS	Q101, Q301	
78	1.06.01.0157	106010155	SMD IC	STM32F103RET6, LQFP64-12×12	1	PCS	U101	
80	1.06.01.0164	106010162	SMD IC	MP2565DN, SOIC8E	1	PCS	U503	
81	1.06.01.0172	106010170	SMD IC	SST25VF016B-75-4I-S2AF, SOL-8	1	PCS	U102	
82	1.06.01.0185	106010179	SMD IC	ILX3232TSDT, TSSOP-16	1	PCS	U601	
83	1.06.01.0169	106010167	SMD IC	ULQ2003AQDRQ1, SOIC-D-16	1	PCS	U402	
84		106010198	SMD IC	MAX2659ELT+, 6μDFN	1	PCS	U303	
85	1.06.01.0006	106010006	SMD IC	XC6210A332MR-3.3V, SOT-25	1	PCS	U501	
86	1.06.01.0005	106010005	SMD IC	XC6206P332MR-3.3V, SOT-23	1	PCS	U103	
87	1.06.01.0161	106010159	SMD IC	MXC6225XU, LCC6	1	PCS	U801	
88	1.06.01.0182	106010180	SMD IC	SN74LVC1G373DCKR, SC-70	1	PCS	U401	
89	1.06.01.0165	106010163	SMD IC	HE41611-4.4V, WQFN3x3-16L	1	PCS	U502	
90	1.06.01.0184	106010178	SMD IC	NC7WZ16P6X, SC70-6	5	PCS	UA01, UA02, UA03, UA04, UA05	
91	1.06.01.0186	106010177	SMD IC	W681360RG, SSOP-20P	1	PCS	UA06	
92	1.11.01.0003	111010003	GPS filter	B9444, QCS5I	1	PCS	U302	
93	1.08.01.0013	108010012	SMD self heal fuse	SMD1210-020, 30V, 1210, 0.2A	3	PCS	F401, F402, F403	
94	1.18.18.0001	118180001	SMD vertical base	Vertical SMD, 1×3P, gap 1.25mm	1	PCS	BAT501	

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95	1. 18. 14. 0027	118140027	Communication holder	MINI, USB, 5P, SMD female base	1	PCS	CN901	
96	1. 10. 01. 0015	110010015	SMD crystal	MC146, 32. 768KHz, ± 20ppm, CL=7pF	1	PCS	Y101	
97	1. 10. 01. 0007	110010007	SMD crystal	8MHZ, ± 20PPM, 5032	1	PCS	Y102	
98	1. 17. 01. 0019	117010011	SMD micro switch	MS-12C010H1, SMD	1	PCS	S501	
99	1. 16. 01. 0002	116010002	7708&9602 SIM card base	SIM card holder-6P flip cover, C707, 10M006, 512	1	PCS	SIM201	Either one
100	1. 06. 01. 0175	106010173	SMD chip	M2M, CARDS	1	PCS	SIM202	
101	1. 07. 02. 0020	107020020	GSM module	EHS5-US(3G US standard)	1	PCS	U201	
102		119010070	Antenna	3G antenna+rubber base, G6S-US, N11-0226-R0A	1	PCS	E201	*Assemble later
103	1. 07. 01. 0004	107010004	GPS module	NEO-6M, ublox	1	PCS	U301	Either one
104		107010014	GPS module	GT-1612-UB9 创鑫	1	PCS	U301	
105		119010071	Antenna	GPS ceramic, 18*18*4mm, Z08-0050-R0A	1	PCS	E301	DIP
106	1. 18. 14. 0012	118140012	Communication base	SMA-KWE , length 16MM, green brass, gold coating with red cap	1	PCS	P301	Standard
107	1. 18. 14. 0026	118140026	Communication base	GPS antenna base, FLI-C-RM-206, blue	1	PCS	P301	Customer demand
108	1. 18. 10. 0011	118100011	SMD joint base	2×8P, gap 3. 0mm, insulation 10. 0mm, both side with fixed soldering lug	1	PCS	JP401	
109	2. 03. 04. 0009	203010038	Rounded screw	Rounded screw, black, Φ 1. 5*6mm	1	PCS	Fixed GSM antenna base	
110		120010050	PCB-G6S	G6S V1. 1. 4, 76. 8*42*1. 2mm, 2014-09-02	1	PCS		

Attention for processing

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78	1. 06. 01. 0157	106010155	SMD IC	STM32F103RET6, LQFP64-12×12	1	PCS	U101	Scheme 1, burn program
79		106010182	SMD IC	GD32F103RET6, LQFP64-12×12	1	PCS	U101	Scheme 2, burn program, print C101, C102 capacitor
99	1. 16. 01. 0002	116010002	7708&9602 SIM card holder	SIM card holder-6P flip cover, C707, 10M006, 512	1	PCS	SIM201	Customer demand
100	1. 06. 01. 0175	106010173	SMD chip	M2M, CARDS	1	PCS	SIM202	
105	1. 18. 14. 0012	118140012	Communication base	SMA-KWE , length 16MM, green brass, gold coating with red cap	1	PCS	P301	Customer demand
106	1. 18. 14. 0026	118140026	Communication base	GPS antenna base, FLI-C-RM-206, blue	1	PCS	P301	