

BOM List

	项目负责人:		BOM 版本	V1.5		
	PCB版本	GT007 MAIN PCB V1.0	有效日期			
序号	名称	数值	位号	数量	厂商代码	厂商
1	GT007 MAIN PCB V1.0	102*39*1MM 4层				
2	ferrite magneton 0402	DCR 0.4R, 75R_100MHZ 300mA	Z13 Z19 Z20	3	BLM15BB750SN1D	MURATA
3	ferrite magneton 0402	DCR 0.3R, 75R_100MHZ 600mA	Z13 Z19 Z20	3	SZ1005G750TF	顺络
4	ferrite magneton 0402	DCR 1.2R, 1K_100MHZ 250mA	Z6 Z7 Z8 Z11 Z12 Z15 Z16 Z17 Z18	9	BLM15HD102SN1D	MURATA
5	ferrite magneton 0402	DCR 1.25R, 1K_100MHZ 250mA	Z6 Z7 Z8 Z11 Z12 Z15 Z16 Z17 Z18	9	HFJ100505F102YN	奇力新电子
6	ferrite magneton 0402	DCR 1.2R, 1K_100MHZ 100mA	Z6 Z7 Z8 Z11 Z12 Z15 Z16 Z17 Z18	9	GZ1005D102TF	顺络
7	ferrite magneton 0402	DCR 1.2R, 1K_100MHZ 100mA	Z6 Z7 Z8 Z11 Z12 Z15 Z16 Z17 Z18	9	HZ1005U102TF	顺络
8	ferrite magneton 0603	DCR 0.8R, 1K_100MHZ 200mA	Z3	1	BLM18RK102SN1	MURATA
9	ferrite magneton 0603	DCR 0.6R, 1K_100MHZ 200mA	Z3	1	GZ1608U102TF	顺络
10	ferrite magneton 0603	DCR 0.25R, 1K_100MHZ 800mA	Z3	1	PBY160808T-102Y-N	奇力新电子
11	0402 capacitance	10pF±5% 50V COG 0402	C35 C37 C148 C149	4	GRM1555C1H100JZ01D	Murata/YAGEO/Darfon
12	0402 capacitance	18pF±5% 50V COG 0402	C146 C147	2	GRM1555C1H180JZ01D	Murata/YAGEO/Darfon
13	0402 capacitance	22pF±5% 50V COG 0402	C15 C18 C25 C39 C90 C201 C202 R32 R69	9	GRM1555C1H220JZ01D	Murata/YAGEO/Darfon
14	0402 capacitance	24pF±5% 50V COG 0402	C31	1	GRM1555C1H240JZ01D	Murata/YAGEO/Darfon
15	0402 capacitance	27pF±5% 50V COG 0402	C113	1	GRM1555C1H270JZ01D	Murata/YAGEO/Darfon
16	0402 capacitance	33pF±5% 50V COG 0402	C4 C23 C26 C27 C309 C310 C315 C316 C324 C325 C333 C334	12	GRM1555C1H330JZ01D	Murata/YAGEO/Darfon
17	0402 capacitance	39pF ±5% 50V COG 0402	C24 C45 C99	3	GRM1555C1H390JZ01D	Murata/YAGEO/Darfon
18	0402 capacitance	47pF ±5% 50V COG 0402	C8	1	GRM1555C1H470JZ01D	Murata/YAGEO/Darfon
19	0402 capacitance	82pF±5% 50V COG 0402	C14 C46	2	GRM1555C1H820JZ01D	Murata/YAGEO/Darfon
20	0402 capacitance	100pF±5% 50V COG 0402	C95 C98 C311 C317 C326 C335	6	GRM1555C1H101JZ01D	Murata/YAGEO/Darfon
21	0402 capacitance	220pF±5% 50V COG 0402	C127	1	GRM1555C1H221JA01D	Murata/YAGEO/Darfon
22	0402 capacitance	1nF±10% 50V X7R 0402	C3 C36 C93 C94 C100 C120	6	GRM155R71H102KA01D	Murata/YAGEO/Darfon
23	0402 capacitance	10nF±10% 25V X7R 0402	C92	1	GRM155R71E103KA01D	Murata/YAGEO/Darfon
24	0402 capacitance	22nF±10% 50V X7R 0402	C12 C29	2	GRM155R71H223KA01D	Murata/YAGEO/Darfon

25	0402 capacitance	33nF±10% 25V X7R 0402	C22	1	GRM155R71E333KA01D	Murata/YAGEO/Darfon
26	0402 capacitance	33nF±10% 16V X7R 0402	C22	1	GRM155R71C333KA01D	Murata/YAGEO/Darfon
27	0402 capacitance	47nF±10% 10V X7R 0402	C211	1	GRM155R71A473KA01D	Murata/YAGEO/Darfon
28	0402 capacitance	100nF±10% 10V X5R 0402	C2 C5 C10 C11 C13 C47 C50 C64 C67 C68 C76 C77 C78 C79 C80 C81 C82 C97 C207 C301 C302 C303 C304	23	GRM155R61A104KA01D	Murata/YAGEO/Darfon
29	0402 capacitance	220nF±10% 10V X5R 0402	C73	1	GRM155R61A224KA01D	Murata/YAGEO/Darfon
30	0402 capacitance	1uF±10% X5R 10V 0402	C7 C9 C20 C21 C30 C32 C34 C40 C52 C62 C66 C70 C105 C116 C119 C153	16	GRM155R61A105KE15D	Murata/YAGEO/Darfon
31	0402 capacitance	1uF±10% X5R 6.3V 0402	C7 C9 C20 C21 C30 C32 C34 C40 C52 C62 C66 C70 C105 C116 C119 C153	16	GRM155R60J105KE15D	Murata/YAGEO/Darfon
32	0603 capacitance	2.2uF±20% X5R 6.3V 0603	C28	1	GRM188R60J225ME19D	Murata/YAGEO/Darfon
33	0603 capacitance	4.7uF±20% X5R 6.3V 0603	C16 C19 C33 C117	4	GRM188R60J475ME19D	Murata/YAGEO/Darfon
34	0805 capacitance	10uF±20% X5R 6.3V 0805 0.85mm	C17 C54 C55 C132 C305 C312 C1	7	GRM219R60J106M*	Murata/YAGEO/Darfon
35	tantalum capacitance	47uF 6.3V 3216 H=1.6mm	C65	1	TAJA476M006RNJ	AVX
36	tantalum capacitance	47uF 6.3V 3216 H=1.6mm	C65	1	TEESVA0J476M8R/NRA47 6M06R8	NEC
37	inductance	5.1nH ±0.3nH 0402	L113	1	LQG15HS5N1S02D	Murata/sunlord
38	inductance	18nH ±5% 0402	L15	1	LQG15HS18NJ02D	Murata/sunlord
39	inductance	100nH±5% 0402	L1	1	LQG15HNR10J02D	Murata/sunlord
40	0402 resistance	0Ω 5% 1/16W 0402	R5 R18 R19 R23 R33 R36 R42 R44 R53 R54 R68 R155 R20 R21 R37 R46	16	RC0402JR-070RL	YAGEO/ROHM/旺詮
41	0402 resistance	10Ω 5% 1/16W 0402	R10 R12 R17	3	RC0402JR-0710RL	YAGEO/ROHM/旺詮
42	0402 resistance	33Ω 5% 1/16W 0402	R2	1	RC0402JR-0733RL	YAGEO/ROHM/旺詮
43	0402 resistance	51Ω 5% 1/16W 0402	R75	1	RC0402JR-0751RL	YAGEO/ROHM/旺詮
44	0402 resistance	82Ω 5% 1/16W 0402	R48 R55	2	RC0402JR-0782RL	YAGEO/ROHM/旺詮
45	0402 resistance	100Ω 5% 1/16W 0402	R49 R50 R51	3	RC0402JR-07100RL	YAGEO/ROHM/旺詮
46	0402 resistance	200Ω 5% 1/16W 0402	R308 R309	2	RC0402JR-07200RL	YAGEO/ROHM/旺詮
47	0402 resistance	1K 5% 1/16W 0402	R3 R9 R27 R28 R29 R301 R302 R306 R307	9	RC0402JR-071KL	YAGEO/ROHM/旺詮
48	0402 resistance	1.5K 5% 1/16W 0402	R303 R305 R304	3	RC0402JR-071K5L	YAGEO/ROHM/旺詮
49	0402 resistance	2.2K 5% 1/16W 0402	R4 R6 R24 R71	4	RC0402JR-072K2L	YAGEO/ROHM/旺詮
50	0402 resistance	3.9K 5% 1/16W 0402	R52	1	RC0402JR-073K9L	YAGEO/ROHM/旺詮

51	0402 resistance	4.7K 5% 1/16W 0402	R200 R34 R38	3	RC0402JR-074K7L	YAGEO/ROHM/旺詮
52	0402 resistance	6.8K 1% 1/16W 0402	R100	1	RC0402FR-076K8	YAGEO/ROHM/旺詮
53	0402 resistance	10K 5% 1/16W 0402	R25	1	RC0402JR-0710KL	YAGEO/ROHM/旺詮
54	0402 resistance	20K 5% 1/16W 0402	R30	1	RC0402JR-0720KL	YAGEO/ROHM/旺詮
55	0402 resistance	24K 5% 1/16W 0402	R26	1	RC0402JR-0724KL	YAGEO/ROHM/旺詮
56	0402 resistance	47K 5% 1/16W 0402	R13 R39 R45	3	RC0402JR-0747KL	YAGEO/ROHM/旺詮
57	0402 resistance	100K 5% 1/16W 0402	R7 R8 R16 R22 R31 R300	6	RC0402JR-07100KL	YAGEO/ROHM/旺詮
58	0603 resistance	10Ω 5% 1/10W 0603	R81	1	RC0603JR-0710RL	YAGEO/ROHM/旺詮
59	0805 resistance	0.2Ω 1% 1/8W 0805	R47	1	RL0805FR-7W0R2L	YAGEO/ROHM/旺詮
60	32KHZ, crystal	6.9x1.4x1.3mm	X100	1	Q13MC1461000200/MC-146 32.768KHZ 12.5+-20.0	EPSON
61	32KHZ, crystal	6.9x1.4x1.3mm	X100	1	SSP-T7-F	Seiko
62	32KHZ, crystal	6.9x1.4x1.3mm 1.65MM	X100	1	SM-14J 32.768KHZ 12.5+-20.0	KDS
63	32KHZ, crystal	6.9x1.4x1.3mm	X100	1	MS2V-T1S	MICRO CRYSTAL
64	26MHZ, crystal	3.2*2.5*0.7mm	U4	1	7M26000018	TXC
65	26MHZ, crystal	3.2*2.5*0.7mm	U4	1	TZ1387A	TAISAW
66	26MHZ, crystal	3.2*2.5*0.7mm	U4	1	EXS00A-CS01422	NDK
67	26MHZ, crystal	3.2*2.5*0.7mm	U4	1	X1E000021031400	EPSON
68	充电MOSFET	2*2*0.8mm 8pin	D100	1	MC3117	瑞信半导体
69	充电MOSFET	2*2*0.8mm 8pin	D100	1	DMS2220LFDB	DIODES
70	充电MOSFET	2*2*0.8mm 8pin	D100	1	AON2701	LS
71	充电MOSFET	2*2*0.8mm 8pin	D100	1	FDFMA2P853	FAIRCHILD
72	充电MOSFET	2*2*0.8mm 8pin	D100	1	NTLJF3117P	ON
73	充电MOSFET	2*2*0.8mm 8pin	D100	1	WPM2006-6/TR	WILL
74	AB signal audio amplifier	1.5*1.5*0.6mm BGA 9pin	U90	1	SN4990AIF09E	SI-EN
75	FM IC	4*4*1.0mm	U3	1	RTC6206C	Richwave
76	baseband IC CPU	9*9*1.2mm	U2	1	MT6223D	MTK
77	Radio Transceiver	5*5*0.85mm	U6	1	AD6548BCPZ	MTK

78	0603 顶发光单色LED灯	蓝色	D3 D4 D12 D15 D23 D24	6	BL-HB336G-TRB	BRIGHT
79	0603 顶发光单色LED灯	蓝色	D3 D4 D12 D15 D23 D24	6	AOT-0603BL31A-N0-N-3	AOT
80	0603 顶发光单色LED灯	蓝色	D3 D4 D12 D15 D23 D24	6	LTST-C193SBKT-5A	LITEON
81	3路 LCD Driver		U5	1	AW9301STR	艾为
82	diode		VD9 VD200	2	RB520S-30FJTE61	ROHM
83	diode		VD9 VD200	2	LRB520S-30T1G	ALRC
84	存储器 MCP, 64+32Mbit, 2.8V	7*9*12MM	U7	1	S71GL064NB0BHW0Z0	SPANSION
85	二合一SAW filter 850/1900MHZ	1814	U18	1	SFR881PY002	三星
86	射频PA		U101	1	RDA6218+	RDA
87	射频PA		U101	1	D7118D	德可
88	逻辑与非门	SC70-5	U14	1	SN74LVC1G00DCKR	TI
89	压敏二极管	SOD523	TVS3	1	ESD5Z7.0T1.G	ON
90	压敏二极管	SOD523	TVS3	1	ESD5Z7V-2/TR	WILLSEMI
91	0402 压敏电阻	5.5V 40pF	FV1 F2 FV3 FV4 FV5 FV6 FV7 FV8 FV14 FV15 FV16 FV17 FV18 FV19 FV20 FV23 FV24 FV25 FV26 FV27 FV28 FV29 FV30 FV32 FV35 FV38 FV39	27	VS10-050A-400JT	CTC
92	0402 压敏电阻	5V 56pF	FV1 F2 FV3 FV4 FV5 FV6 FV7 FV8 FV14 FV15 FV16 FV17 FV18 FV19 FV20 FV23 FV24 FV25 FV26 FV27 FV28 FV29 FV30 FV32 FV35 FV38 FV39	27	MLV0402ES005V0056N	AEM
93	0402 压敏电阻	5.5V 50pF	FV1 F2 FV3 FV4 FV5 FV6 FV7 FV8 FV14 FV15 FV16 FV17 FV18 FV19 FV20 FV23 FV24 FV25 FV26 FV27 FV28 FV29 FV30 FV32 FV35 FV38 FV39	27	AVLC-5S-02-050	AMOTECH
94	0402 压敏电阻	18V 15pF	FV1 F2 FV3 FV4 FV5 FV6 FV7 FV8 FV14 FV15 FV16 FV17 FV18 FV19 FV20 FV23 FV24 FV25 FV26 FV27 FV28 FV29 FV30 FV32 FV35 FV38 FV39	27	AVLC18S02015	AMOTECH
95	电池连接器	3pin 3Pitch H=6mm	J403	1	DBA-1036044CD	达擎
96	电池连接器	3pin 3Pitch H=6mm	J403	1	DBA-1035544CD	达擎
97	I/O口连接器	12pin 双排 0.5PH 板上型	J202	1	KS0221103	承茂

98	I/O口连接器	12pin 双排 0.5PH 板上型	J202	1	WKUBI003-001 (SD-UBI003-001)	杰顺通
99	I/O口连接器	12pin 双排 0.5PH 板上型	J202	1	USB012-0315-00R	恒扬股份
100	T_FLASH卡座	8PIN H=1.8mm 掀盖式	J1	1	KS0192003	承茂
101	T_FLASH卡座	8PIN H=1.8mm 掀盖式	J1	1	KS0190203	承茂
102	T_FLASH卡座	8PIN H=1.8mm 掀盖式	J1	1	TFRH-0815-00R	恒扬股份
103	SIM卡座	24.6X17.7X1.8 6PIN 掀盖式	J401	1	KS0061800	承茂
104	SIM卡座	24.6X17.7X1.8 6PIN 掀盖式	J401	1	WKSM009-1911	杰顺通
105	SIM卡座	24.6X17.7X1.8 6PIN 掀盖式	J401	1	SIM-07180	海泰
106	SIM卡座	24.6X17.7X1.8 6PIN 掀盖式	J401	1	MSI05-041863232	弘宇微
107	SIM卡座	24.6X17.7X1.8 6PIN 掀盖式	J401	1	SSR25406GX23	坤威
108	耳机插座	3.5MM	J6	1	DAJ-063603CH	达擎科技
109	耳机插座	3.5MM SMT PJH03-600	J6	1	PJH03-600100-EA05	弘宇微
110	基带屏蔽罩			1	洋白铜， 27.2*17.72*1.8mm	
111	射频屏蔽罩			1	洋白铜 15*25*1.9MM	