

M2 主板PCBA E-BOM

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序号	物料描述	物料规格/型号	用量	价格		位号	供应商	可替代品牌	规格
1	K01 主板PCBA	K01 主板PCBA							
2	K01 主板PCB	K01 主板PCB	1						
3	电容, 1.5pF±5%, 50V, 0402	GRM1555C1H1R5CZ01D	4	0.05	0.2	C636、C655、C622、C623	Murata		
4	电容, 1.8pF±5%, 50V, 0402	GRM1555C1H1R8CZ01D	2	0.05	0.1	C682、C683	Murata		
5	电容, 2.2pF±5%, 50V, 0402	GRM1555C1H2R2CZ01D	2	0.05	0.1	C656、C657	Murata		
6	电容, 5.6pF, ±0.25PF, 50V, 0402	GRM1555C1H5R6CZ01D	1	0.05	0.05	C615	Murata		
7	电容, 6pF, 50V, ±0.25PF, 0402	GRM1555C1H6ROCZ01D	1	0.05	0.05	C685	Murata		
8	电容, 12pF±5%, 50V, 0402	GRM1555C1H120JZ01D	1	0.05	0.05	C237、	Murata		
9	电容, 18pF±5%, 50V, 0402	GRM1555C1H180JZ01D	1	0.05	0.05	C670	Murata		
10	电容, 22pF, ±5%, 50V, COG, 0402	GRM1555C1H220JZ01D/GRM36C0	9	0.05	0.45	C210、C211、C602、C659、C688、C689、C661、C620、C687	Murata		
11	电容, 33pF, ±5%, 50V, COG, 0402	GRM1555C1H330JZ01D/GRM36C0	23	0.05	1.15	C312、C313、C232、C303、C304、C307、C308、C318、C319、C322、C323、C639、C664、C910、C911、C912、C913、C915、C916、C917、C918、C1、C680	Murata		
12	电容, 56pF±5%, 50V, 0402	GRM1555C1H560JZ01D	1	0.05	0.05	C662	Murata		
13	电容, 100pF, ±5%, 50V, COG, 0402	GRM1555C1H101JD01D/GRM36C0	3	0.05	0.15	C301、C317、C345	Murata		
14	电容, 220pF, ±5%, 25V, COG, 0402	GRM1555C1H221JA01D/GRM36C0	1	0.05	0.05	C605	Murata		
15	电容, 1nF, ±10%, 50V, X7R, 0402	GRM155R71H102KA01D/GRM36X7	6	0.05	0.3	C320、C321、C366、C367、C336、C338	Murata		
16	电容, 10nF, ±10%, 50V, X7R, 0402	GRM155R71H103KA01D/GRM36X7	1	0.05	0.05	C365	Murata		
17	电容, 33nF, ±10%, 50V, X7R, 0402	GRM155R71H333KA01D/GRM36X7	4	0.05	0.2	C361、C362、C330、C331	Murata		
18	电容, 100nF, ±10%, 10V, X5R, 0402	GRM155R61A104KA01D/GRM36X5	15	0.05	0.75	C305、C306、C315、C316、C205、C206、C207、C208、C209、C401、C914、C919、C669、C624、C667	Murata		
19	电容, 1uF±10%, 6.3V, X5R, 0402	GRM155R60J105KE19D	26	0.05	1.3	C815、C816、C110、C111、C201、C203、C204、C216、C220、C221、C222、C224、C225、C226、C227、C228、C229、C230、C668、C901、C616、C235、C363、C705、C333、C335	Murata		
20	电容, 1uF, ±10%, 10V, X5R, 0603	GRM188R61A105KA61D	2	0.05	0.1	C212、C246	Murata		
21	电容, 2.2uF, ±10%, 10V, X5R, 0603	GRM188R60J225KE19D/GRM39X5	1	0.05	0.05	C364	Murata		
22	电容, 4.7uF, ±10%, 6.3V, X5R, 0603	GRM188R60J475KE19D/GRM39X5	8	0.05	0.4	C202、C214、C215、C218、C219、C223、C800、C801	Murata		
23	电容, 10uF, ±20%, 6.3V, 0603	GRM188R60J106ME47D	2	0.05	0.1	C310、C337	Murata		
24	电容, 22uF, ±20%, 6.3V, X5R, 0805	GRM40-034X5R226M6.3PT	4	0.05	0.2	C238、C650、C309、C311	Murata		

25	电阻, 0 ohm, ±5%, 1/16W, 0402	MCR01MZPJ000	9	0.04	0.36	C671、L600、R205、R104、R608、R610、R611、R208、R385	ROHM	国巨(YAGEO)	RC0402JR-070RL
26	电阻, 0.2 ohm, ±1%, 1/16W, 0805,	MCR10EZHFLR20	1	0.04	0.04	R204	ROHM	国巨(YAGEO)	RL0805FR-07R2L
27	电阻, 1.5Kohm, ±5%, 1/16W, 0402	MCR01MZPJ152	3	0.04	0.12	R307、R326、R327	ROHM	国巨(YAGEO)	RC0402JR-071K5L
28	电阻, 51 ohm, ±5%, 1/16W, 0402,	MCR01MZPJ510	1	0.04	0.04	R628	ROHM	国巨(YAGEO)	RC0402JR-0751RL
29	电阻, 100 ohm, ±5%, 1/16W, 0402	MCR01MZPJ101	2	0.04	0.08	R303、R304	ROHM	国巨(YAGEO)	RC0402JR-07100RL
30	电阻, 1K ohm, ±5%, 1/16W, 0402	MCR01MZPJ102	13	0.04	0.52	R207、R305、R308、R310、R323、R324、R325、R328、R203、R650、R661、R662、R663	ROHM	国巨(YAGEO)	RC0402JR-071KL
31	电阻, 4.7K±5%, 50V, 1/16W, 0402	MCR01MZPJ472	2	0.04	0.08	R801、R802	ROHM	国巨(YAGEO)	RC0402JR-074K7L
32	电阻, 5.1K±1%, 50V, 1/16W, 0402	MCR01MZPF5101	1	0.04	0.04	R101	ROHM	国巨(YAGEO)	RC0402FR-075K1L
33	电阻, 5.1K±5%, 50V, 1/16W, 0402	MCR01MZPJ512	1	0.04	0.04	R202	ROHM	国巨(YAGEO)	RC0402JR-075K1L
34	电阻, 6.8K ohm, ±5%, 1/16W, 0402	MCR01MZPJ682	1	0.04	0.04	R201	ROHM	国巨(YAGEO)	RC0402JR-076K8L
35	电阻, 10K ohm, ±5%, 1/16W, 0402	MCR01MZPJ103	1	0.04	0.04	R603	ROHM	国巨(YAGEO)	RC0402JR-0710KL
36	电阻, 24k ±5%, 1/16W, 0402	MCR01MZPJ243	1	0.04	0.04	R604	ROHM	国巨(YAGEO)	RC0402JR-0724KL
37	电阻, 100K ohm, ±5%, 1/16W, 0402	MCR01MZPJ104	2	0.04	0.08	R102、R105	ROHM	国巨(YAGEO)	RC0402JR-07100KL
38	电感, 2.7nH, ±0.3nH, 0402,	LQG15HS2N7S02D	1	0.065	0.065	L2	Murata		
39	电感, 3nH, ±0.3nH, 0402,	LQG15HS3N0S02D	1	0.065	0.065	L680	Murata		
40	电感, 4.7nH, ±0.3nH, 0402,	LQG15HS4N7S02D	1	0.065	0.065	L682	Murata		
41	电感, 3.3nH±0.3nH, 100MHz, 300mA, 0402	LQG15HS3N3S02D	1	0.065	0.065	L636	Murata		
42	电感, 3.9nH±0.3nH, 100MHz, 300mA, 0402	LQG15HS3N9S02D	1	0.065	0.065	L622	Murata		
43	电感, 5.1nH±0.3nH, 0402	LQG15HS5N1J02D	1	0.065	0.065	L626	Murata		
44	电感, 22nH±0.5nH, 0402	LQG15HS18NJO2D	2	0.065	0.13	L623 L635	Murata		
45	电感, 4.7uH±20%, 2.0X1.25X1.25mm, 1000mA	MGFL2012F4R7MT-LF	2	0.065	0.13	L201、L202	麦捷		
46	磁珠, 75 ohm, 0402, BLM15BB750SN1D, Murata	BLM15BB750SN1D	12	0.0524	0.6288	B101、B102、B300、B301、B302、B310、B603、B800、B305、B306、B330、B331	Murata		
47	磁珠, 180 ohm, 0603, 1500mA, BLM18PG181SN1, Murata	BLM18PG181SN1	7	0.0484	0.3388	B201、B202、B203、B321、B323、B332、B333	Murata		
48	磁珠, 600 ohm, 0402, BLM15AG601SN1, Murata	BLM15AG601SN1D	4	0.0484	0.1936	B315、B316、B317、B318	Murata		
49	滤波器, 900MHz, SAFEA942MFL0F00R14, Murata	SAFEA942MFL0F00R14	1			F600	Murata		
50	滤波器, 1800MHz, SAFEA1G84FA0F00R14, Murata	SAFEA1G84FA0F00R14	1			F601	Murata		
51	滤波器, 1900MHz	SAFEA1G96	1			F603	Murata		
52	滤波器, 850M		1			F1	Murata		
53	齐纳二极管, 5.1V, 500mW, SOD-323	MM3Z5V1-5	1			D201	睿芯微		
54	ESD(静电防护器件), 15KV DC 14V, 0402, ICVN0514X300PR, ICT	ICVN0514X300PR	9			T800、T801、T802、T803、T201、T310、T311、T312、T328	ICT		
55	ESD(静电防护器件), 15KV DC 14V, 0402, ICVN0514X300PR, ICT	ICVN0514X300PR	26			T313、T314、T317、T318、T319、T320、T321、T322、T323、T324、T505、T506、T507、T508、T509、T540、T542、T543、T544、T545、T546、T550、T560、T805、T330、T331	ICT		
56	IC, 128M NOR FLASH+32M RAM, ADMUX, 108MHZ, 1.8V	PF38F3040M0Y3DE	1			U401	Numonyx		
	IC, 128M NOR FLASH+32M RAM, ADMUX, 108MHZ, 1.8V	TY5701111183KC		Toshiba					
	IC, 128M NOR FLASH+32M RAM, ADMUX, 108MHZ, 1.8V	TY00570002ARGQ		Toshiba					
	IC, 128M NOR FLASH+32M RAM, ADMUX, 108MHZ, 1.8V	K5N2833ATB-AQ12000		SAMSUNG					
57	充电MOS管, 带过压保护, TDFN2x2-8	APL3206AQBI	1			U201	茂达		
58	IC, Quad-band 900/1800/1900 transmit module	RF7161	1			U600	RFMD		
59	GSM/GPRS Baseband+RF+PMU Chipset, MT6253, MTK	MT6253	1			U100	MTK		
60	IC, D类音频功放, 防破音, 2W@4.2V, WCSP-9	SN2145IY09E	2			U300, U303	si-en		
61	Crystal, 26MHz, 7.5pF, 3.2X2.5mm, for MT6253	7M26000028	1			X600	TXC		
62	Crystal, 32.768KHz, 12.5pF, +/-20ppm, MS2V-T1S	MS2V-T1S	1			X200	Micro Crystal		

63	天线弹片, 3.2mm高, 带塑胶套	KRF1S2101R	2			ANT600、ANT601、	惠乐		
64	后备电池, 电容式	XH414H-IV01E	1			C200	精工		
65	电池连接器, H=4.0mm, 无 POST, 3PIN, 2.5Pitch	BTY02-3K40201	1			J200	星擎		
66	10 PIN MINI USB接口, 3.0mm WKUBI004-011	WKUBI004-011	1			J1	杰顺通		
67	三合一连接器, 2SIM+TF CARD	WKSM022-4101	1			J901	杰顺通		
68	K01 BB屏蔽罩		1						

