

BOM LIST

序号	器件名称	器件规格	在线编号	数量	备注
1	IC	Jz4760B BGA345_0D65	U1	1	
2		V59C1G01168QBJ25A或HY5PS1G1631C(L)FP DDR2 800 128MHz FBGA84_0D8	U2, U3	2	
3		MT29F32G08CBACA 或 MT29F32G08CBABA 或 H27UBG8T2ATR BC TSOP48(详见flash support list)	U4	1	4G
4		SK6617AB 或 SK6633BB LGA-53	U5	1	SK6617AB配MT29F32G08CBACA或H27UBG8T2ATR-BC
5					SK6633BB配MT29F32G08CBABA
6		RT8188 USB WIFI模块	J12	1	
7		RT9169-18PVL SOT23	U18	1	
8		RT9169-12PVL SOT23	U20	1	
9		LM4890 MSOP8	U603	1	
10		MP3202DJ TSOT23-6	U10	1	
11		MP2602 QFN10	U23	1	
12		SY8008B/RT8024/PAM2312 SOT23-5	U9, U11, U12, U13	4	
13		RK100 SOP8	U7	1	
14	晶振	12M S5032A ±10ppm 10pF	Y1	1	
15		32.768kHz S3215 ±10ppm 10pF	Y2	1	
16	磁珠	FB 120R@100MHz 0402	FB5, FB6, FB7, FB8, FB9, FB10, FB11, FB12, FB13, FB16, FB18, FB26, FB27, FB29	14	
17		FB 120R@100MHz 0603	FB17, FB19, FB20, FB22, FB23, FB28	6	
18		FB 120R@100MHz 0805	FB606	1	
19	LED指示灯	LED RED LED0805	D8	1	
20	肖特基二极管	5819 SMD0805	D1	1	
21		CRS08 SMD1206	D10	1	
22	ESD二极管	ESD9B5V D0402	ESD1, ESD2, ESD3, ESD4, ESD5, ESD24, ESD25, ESD26, ESD29, ESD31, ESD32, ESD33	12	
23		ESDA6V8UF SOT23-6	Q19	1	
24	MOS管	P-MOS, WPM3401 SOT23	Q2, Q5, Q10, Q16, Q17, Q20	6	
25		N-MOS, KBM2302CA SOT23	Q12, Q13	2	
26	三极管	MMBT3904L SOT23	Q1, Q3, Q4, Q6, Q7, Q11, Q15	7	
27		MMBT3906 SOT23	Q18	1	
28	贴片排阻	CHIP RESISTOR 0R*4 0402 ±5%	RN8	1	
29		CHIP RESISTOR 33R*4 0402 ±5%	RN1, RN2, RN3, RN4, RN5, RN6, RN7	7	
30		CHIP RESISTOR 0R 0402 ±5%	R13, R24, R34, R35, R36, R37, R38, R39, R45, R48, R66, R67, R75, R81, R171, R177, R229, R231, R237	23	
31		CHIP RESISTOR 0R 0402 ±5%	FB3, FB4	2	
32		CHIP RESISTOR 10R 0402 ±5%	R1, R3, R169	3	
33		CHIP RESISTOR 15R 0402 ±1%	R84, R170	2	
34		CHIP RESISTOR 33R 0402 ±5%	R85, R115, R186, R190, R191, R230, R235, R236	8	
35		CHIP RESISTOR 44.2R 0402 ±1%	R76	1	
36		CHIP RESISTOR 75R 0402 ±1%	R182	1	
37		CHIP RESISTOR 100R 0402 ±5%	R222, R225	2	
38		CHIP RESISTOR 330R 0402 ±5%	R77	1	
39		CHIP RESISTOR 470R 0402 ±5%	R167, R168	2	
40		CHIP RESISTOR 1K 0402 ±1%	R47, R52	2	
41		CHIP RESISTOR 1K 0402 ±5%	R55, R60, R193	3	
42		CHIP RESISTOR 2.2K 0402 ±5%	R194, R195, R217	3	

43	贴片电阻	CHIP RESISTOR 2.32K 0402 ±1%	R176	1	
44		CHIP RESISTOR 4.7K 0402 ±5%	R56, R57, R58, R59, R102, R103, R219	7	
45		CHIP RESISTOR 4.99K 0402 ±5%	R113	1	
46		CHIP RESISTOR 10K 0402 ±5%	R2, R4, R5, R8, R9, R10, R11, R12, R16, R17, R40, R41, R42, R43, R44, R53, R54, R61, R62, R63, R68, R72, R79, R86, R91, R92, R100, R110, R111, R159, R179, R180, R181, R183, R184, R185, R210, R211, R212, R220, R223, R224, R228	43	
47		CHIP RESISTOR 20K 0402 ±5%	R173, R206, R207, R208	4	
48		CHIP RESISTOR 33K 0402 ±5%	R197	1	
49		CHIP RESISTOR 47K 0402 ±5%	R6, R175	2	
50		CHIP RESISTOR 64.9K 0402 ±1%	R89, R93	2	
51		CHIP RESISTOR 90.9K 0402 ±1%	R112	1	
52		CHIP RESISTOR 100K 0402 ±5%	R7, R69, R70, R78, R83, R97, R98, R99, R158, R160, R187, R188, R189, R192, R196, R199, R200, R203, R221	19	
53		CHIP RESISTOR 143K 0402 ±1%	R80	1	
54		CHIP RESISTOR 215K 0402 ±1%	R95	1	
55		CHIP RESISTOR 301K 0402 ±1%	R82, R90, R94, R96	4	
56		CHIP RESISTOR 499K 0402 ±5%	R178	1	
57		CHIP RESISTOR 332K 0402 ±1%	R74	1	
58		CHIP RESISTOR 1M 0402 ±5%	R64	1	
59		CHIP RESISTOR 1M 0402 ±1%	R73	1	
60		CHIP RESISTOR 10M 0402 ±5%	R65	1	
61	贴片电容	CHIP CAP 5pF 0402 ±5%	C9	1	
62		CHIP CAP 10PF 0402 ±5%	C115, C221	2	
63		CHIP CAP 22PF 0402 ±5%	C56, C57, C58, C59, C109, C117, C120, C123	8	
64		CHIP CAP 33pF/25V 0402 ±5%	C202	1	
65		CHIP CAP 47PF 0402 ±5%	C220	1	
66		CHIP CAP 0.01UF 0402 ±5%	C11, C14, C16, C19, C22, C25, C34, C36, C39, C41, C44, C47, C67, C68, C71, C84, C85, C86, C102, C103	20	
67		CHIP CAP 0.1UF 0402 ±5%	C1, C2, C3, C4, C5, C6, C8, C10, C12, C13, C15, C17, C18, C20, C21, C23, C24, C26, C27, C28, C33, C35, C37, C38, C40, C42, C43, C45, C46, C48, C54, C61, C63, C64, C65, C66, C72, C74, C76, C78, C79, C81, C82, C83, C88, C90, C92, C94, C96, C98, C100, C101, C104, C128, C133, C181, C183, C205, C206, C207, C208, C217, C223, C225	64	
68		CHIP CAP 0.39UF 0402 ±5%	C216, C234	2	
69		CHIP CAP 1UF 0402 +80-20%	C29, C30, C31, C32, C75, C113, C116, C127, C129, C191, C192, C195, C196, C229, C231, C235	16	
70		CHIP CAP 1uF/25V 0603 +80-20%	C114	1	
71		CHIP CAP 2.2uf 0603 ±5%	C180, C182, C204, C209, C222, C224	6	
72		CHIP CAP 4.7UF 0603 +80-20%	C60, C232	2	
73		CHIP CAP 4.7uF/25V 0805 +80-20%	C201	1	
74		CHIP CAP C1608Y5V0J106ZT (TDK) 10UF 0603	C7, C49, C62, C73, C80, C87, C89, C91, C93, C95, C97, C99, C110, C111, C112, C118, C119, C121, C122, C124, C125, C126, C130, C131, C132, C200, C218, C219, C226	29	
75		CHIP CAP 1nF 0402 ±5%	C69, C70, C77, C227	4	
76	贴片铝电容	Tantalum capacitor 22uF 6.3V C3216 ±20%	CD1, CD2, CD17	3	
77		Tantalum capacitor 10uF 10V C3216 ±20%	CD3, CD4	2	
78		Tantalum capacitor 220uF 10V C3528 ±20%	CD5, CD6	2	
79	电感	10uH/1.0A L_4X4_SMD	L2, L3, L4, L5	4	
80		22uH/1.0A L_4X4_SMD	L1	1	
81	接插件	4.3" 480*272 FH12-40S-0.5SH(55)B上接	J2	1	
82		USB座 MINI USBAB MINIUSB-B-1	J13	1	
83		TF卡座 Push/Push TF CARD TF-CARD	J15	1	
84		喇叭 8 OHM SIP-2B	SPK2	1	
85		MIC MIC4MM_DIP	M1	1	
86		耳机座 PJ-311	J14	1	
87		按键 TRE-901A	SW1, SW2, SW3, SW4, SW5, SW6, SW7	7	
88	PCB板	PCB单板		1	
89	增加1K 0805电阻 手焊				
G-SENSOR					
1	IC	MMA7455L/LIS35DE LGA-14	U8	1	
2					
3	磁珠	FB 120R@100MHz 0402	FB14, FB15	2	
4	贴片电容	CHIP CAP 0.1UF 0402 ±5%	C106, C108	2	
5		CHIP CAP C1608Y5V0J106ZT (TDK) 10UF 0603	C105, C107	2	

6	贴片电阻	CHIP RESISTOR 0R 0402 ±5%	R201, R205	2	
Two touch					
1	IC	AK4187 QFN16_3X3	U29	1	
2	贴片电阻	CHIP RESISTOR 200R 0402 ±10%	R214	1	
3		CHIP RESISTOR 68R 0402 ±10%	R215	1	
4		CHIP RESISTOR 578R 0402 ±10%	R116	1	
5		CHIP RESISTOR 200R 0402 ±10%	R119	1	
6	贴片电容	CHIP CAP 0.1UF 0402 ±5%	C267, C269	2	
7		CHIP CAP 1UF 0603 +80-20%	C268	1	