

# Bill Of Materials

机种名称: K82 V1.0 (3.3V)

版本: A

Item	Quantity	Reference	Part	PCB Footprint	REMARK
1	3	C6	0p3F,+/-0.1pF,25V,NPO	0201	
2	1	C84	1p0F,+/-0.25pF,25V,NPO	0201	
3	6	C63,C64,C69,C118,C120,C70	1p5F,+/-0.25pF,25V,NPO	0201	
4	1	C132	2p7F,+/-0.25pF,25V,NPO	0201	
5	8	C57,C58,C121,C122,C125,C126, C135,C136	22pF,±5%,25V,NPO	0201	
7	5	C123,C124,C129,C130,C131	1.0nF,±10%,25V,X7R	0201	
8	18	C71,C72,C73,C74,C76,C79,C80,C81, C82,C85,C94,C95,C96,C101,C103 C106,C107,C111	0.1uF,±10%,6.3V,X7R	0201	
9	2	C89,C97	1uF,+/-20%,6.3V,X5R	0201	
10	3	C78,C83,C98	4.7uF,+/-20%,6.3V,X5R	0402	
11	2	C112,C113	10uF,+/-20%,6.3V,X5R	0603	
12	3	C87,C100,C114	22uF,+/-20%,6.3V,X5R	0603	
13	1	C127	1nH,+/-0.25nH	0201	
14	1	C128	1n8H,+/-0.25nH	0201	
15	1	L5	2n0H,+/-0.25nH	0201	
16	1	L2	2n2H,+/-0.25nH	0201	
17	1	L6	2n7H,+/-0.25nH	0201	
18	1	L3	3n0H,+/-0.25nH	0201	
19	1	C5	3n3H,+/-0.25nH	0201	
20	1	L8	功率电感, 2.2uH,+/-20%	L-2016	
21	4	L1,L4,L12,L13	0R,+/-5%	0201	
22	1	R11	0R,+/-5%	0603	
23	1	R18	6R8,+/-5%	0201	
24	3	R4,R6,R7	1KR,+/-5%	0201	
25	1	R3	6K2R,+/-1%	0201	
26	4	R1,R2,R23,R24	47KR,+/-5%	0201	
27	1	U1	RTL8812BU -VR-CG	TFBGA121	USB 2.0
28	2	U2,U3	GW2151	DFN8	
29	1	X1	40MHz,3225,15PF,10PPM	X3225	
30	2	CON1,CON2	SMA/IPEX 座	SMD/I-PEX	
31	1		屏蔽罩,18.7mm*16mm,高2mm,马口铁,厚0.15mm,		
32	1		PCB,K82 V1.0,17*27*0.8mm,沉金工艺		

核准:

审核:

制作: