

标准BOM文件---麦斯艾姆科技有限公司

NO	安装位置	元件料号	元件规格	元件规格2	供应商	用量/ 代用	备注
1	BAT1	62	贴片CR1220电池座	CR1220		1	NC
2	C13	6	贴片电容, 200pF/16V, ±10%, 0603	C0603	三星	1	
3	C179, C177, C143, C142, C134, C116, C111, C110, C102, C101	12	贴片电容, 4.7uF/6.3V, ±20%, 0603	C0603	三星	10	
4	C196, C178, C176, C175, C172	4	贴片电容, 33PF/50V, ±10%, 0603	C0603	三星	5	
5	C2, C1	2	贴片电容, 12PF/50V, ±10%, 0603	C0603	三星	2	
6	C69, C66	15	贴片电解电容, 100uF/6.3V, ECAP_SMD_6D	ECAP_SMD_6D		2	
7	C7, C6, C16	14	贴片电解电容, 47uF/25V, ECAP_SMD_6D	ECAP_SMD_6D		3	
8	C8, C63, C28, C26, C129, C127	3	贴片电容, 18PF/50V, ±10%, 0603	C0603	三星	6	
9	C9	8	贴片电容, 0.1uF/25V, ±10%, 0603	C0603	三星	1	
10	C91, C90, C89, C88, C87, C86, C55, C52, C51, C50, C22, C147, C145, C128, C123, C115, C100	10	贴片电容, 1uF/6.3V, ±10%, 0603	C0603	三星	17	
11	C94, C140	1	贴片电容, 10PF/50V, ±10%, 0603	C0603	三星	2	
12	C96, C95, C93, C92, C85, C83, C81, C80, C79, C78, C77, C76, C74, C72, C71, C70, C67, C65, C59, C56, C54, C53, C4, C3, C211, C21, C209, C198, C194, C19, C148, C146, C141, C14, C139, C136, C135, C131, C126, C125, C124, C122, C121, C120, C12, C118, C117, C114, C113, C112, C109, C108, C107, C106, C10	7	贴片电容, 0.1uF/16V, ±10%, 0603	C0603	三星	55	
13	C97, C137, C132	5	贴片电容, 100PF/50V, ±10%, 0603	C0603	三星	33	
14	C98, C82, C75, C5	11	贴片电容, 1uF/25V, ±10%, C0805	C0805	三星	4	
15	C99, C138	9	贴片电容, 220nF/6.3V, ±10%, 0603	C0603	三星	2	
16	CN1	70	前插后锁FPC, FPC-0R5-40P, 2.0H	FPC-0R5-40P		1	NC
17	CON1	88	ST-H8-CORE-V1.0 核心板, ST-H8-CORE-V2.0 核心板	CON_CC		1	
18	CON115	103	双排插针, 2x15PIN, 间距2.0mm	CON2X15P2R		1	
19	CON116	102	排线插座, 白色, 6pin, CON_6P_2R0	CON_6P_2R0			
20	CON118	65	板对板连接器, 母座, B2B30P, BM20B(0.6)-30DP-0.4V	B2B30P		1	
21	CON119	105	单排插针, 3PIN, 间距2.54mm	CON3P-DIP		1	
22	CON120	106	单排插针, 5PIN, 间距2.54mm	CON5P-DIP		1	
23	CON121	107	单排插针, 6PIN, 间距2.54mm	CON6P-DIP		1	
24	CON2	63	贴片HDMI座子, A_TYPE, HDMI-SW-19	HDMI-SW-19		1	
25	CON4	98	蜂鸣器, MAF-1205S, 直径12mm, BUZZER,	BUZ12MM		1	
26	CON5	64	贴片TF卡座, 侧插, 带检测脚, TF-09PIN	TF-09PIN		1	
27	D10	54	贴片二极管, SS14, SMA	SMA		1	
28	D3	52	贴片二极管, SS54, SS54 SMC	SMC		1	
29	D5, D2, D14, D1	51	贴片二极管, 1N5819, SOD123	SOD123		4	
30	D7	55	贴片稳压管, 15V, SOD123	SOD123		1	
31	D8, D6	53	贴片二极管, BAT54S, SOT-23	SOT-23		2	
32	D9	56	贴片稳压管, 6.8V, SOD123	SOD123		1	
33	EC2, C84, C73, C68, C64, C27, C23, C20, C190, C18, C15, C149, C144, C133, C130, C119, C11, C105, C104, C103	13	贴片电容, 10uF/6.3V, ±20%, 0603	C0603		20	

34	ESD8, ESD7, ESD6, ESD5, ESD48, ESD47, ESD40, ESD4, ESD39, ESD38, ESD3, ESD29, ESD28, ESD27, ESD26, ESD25, ESD24, ESD23, ESD22, ESD21, ESD20, ESD2, ESD19, ESD18, ESD17, ESD16, ESD14, ESD13, ESD12, ESD11, ESD1	44	ESD/贴片, ESD0603-V18L, 0603	E0603		31	
35	FUSE1	43	贴片保险丝, WH1812-110/16V, F1812	F1812		1	
36	J1	97	DC座, DCIN, DC005	DC005		1	
37	J15	71	前插后锁FPC, FPC-0R5-6P, 2.0H	CON_F_OD5_		1	
38	J2	67	miniUSB, 5pin, 小口	USB-MIN		1	
39	J4	69	掀盖下接FPC, FPC-0R5-24P, 2.0H	FPC-0R5-		1	
40	J5, J3	96	大口USB-双层, 卷边?USB-2400	USB-2A-01		2	
41	J6	68	贴片耳机座, 3.5mm, AJ-327A	PJ-327A		1	
42	J9, J8, CON117	104	双排插针, 2x3PIN, 间距2.54mm	CON2X3P2R5		3	
43	JP12	66	WiFi-IPEX座子	GPS-RF		1	
44	JP6, JP5	99	插件座子, RS485, 3.94透明4pin	CON1538		2	
45	JP9, JP7, JP4, JP36, JP30, JP3, JP15, JP14, JP13, JP11, JP10	101	排线插座, 白色, 4pin, CON_4P_2R0	CON_4P_2R0		11	
46	L14, L13	48	功率电感, 4.7uH, CD4x4	L4D16		2	
47	L18	49	功率电感, 2.2uH, 0.7A, 3X3	IND_3X3		1	
48	L2, L12	46	功率电感, 4.7uH, CD4x4	L4D16		2	
49	L3	47	功率电感, 10uH, 4A, 7x7mm, GCDA0630-100M	CD7X7		1	
50	L9, L8, L7, L11, L10	45	贴片磁珠, 100M@120R DCR< 0.2 ohm, 2A, 0603	L0603		5	
51	LED1	50	贴片LED灯, RED, LED_0805	LED_0805		1	
52	Q5, Q4, Q11, Q10, Q1	57	贴片P-mos管, A03401 (SI2341), SOT-23	SOT-23BIG		5	
53	Q9, Q8, Q7, Q6, Q3, Q2, Q12	58	贴片NPN三极管, MMBT3904, SOT-23	SOT-23		7	
54	R1	41	贴片电阻, 750K, $\pm 1\%$, 0603	R0603		1	
55	R130, R129	21	贴片电阻, 510R, $\pm 5\%$, 0603	R0603		2	
56	R138	27	贴片电阻, 2.49K, $\pm 1\%$, 0603	R0603		1	
57	R149	28	贴片电阻, 2.7K, $\pm 1\%$, 0603	R0603		1	
58	R165, R164, R163, R162, R160, R158	19	贴片电阻, 22R, $\pm 5\%$, 0603	R0603		6	
59	R229, R224, R223, R222, R221, R217, R216, R215, R21, R170, R159, R150, R133, L4, L19, L17, L16, L15, FB53, FB52, FB3, FB2, FB1	17	贴片电阻, 0R, $\pm 5\%$, 0603	R0603		23	
60	R28, R220, R153, R115	35	贴片电阻, 47K, $\pm 5\%$, 0603	R0603		4	
61	R4	38	贴片电阻, 169K, $\pm 1\%$, 0603	R0603		1	
62	R54, R141	24	贴片电阻, 1K5, $\pm 5\%$, 0603	R0603		2	
63	R6	34	贴片电阻, 46K4, $\pm 1\%$, 0603	R0603		1	
64	R7	30	贴片电阻, 10K, $\pm 1\%$, 0603	R0603		1	
65	R78	39	贴片电阻, 442K, $\pm 1\%$, 0603	R0603		1	
66	R79	36	贴片电阻, 100K, $\pm 1\%$, 0603	R0603		1	
67	R81, R61, R231, R230, R227, R2, R169, R168, R166, R161, R137, R112, R110, R10	37	贴片电阻, 100K, $\pm 5\%$, 0603	R0603		14	
68	R83, R80, R77, R76, R75, R74, R73, R71, R70, R69, R68, R67, R66, R65, R64, R59, R5, R228, R214, R154, R152, R148, R146, R145, R144, R143, R140, R134, R132, R124, R123, R122, R121, R120, R118, R117, R114, R109, R107, R104, R102	31	贴片电阻, 10K, $\pm 5\%$, 0603	R0603		41	
69	R84, R57, R56, R151, LSR1	33	贴片电阻, 20K, $\pm 5\%$, 0603	R0603		5	

73	R89, R87, R82, R8, R53, R218, R201, R156, R139, R126	23	贴片电阻, 1K, $\pm 5\%$, 0603	R0603		10	
74	R9, R63, R62, R136, R135, R113, R111, R11, R106, R105	40	贴片电阻, 510K, $\pm 5\%$, 0603	R0603		10	
75	R94, R72, R60, R58, R157, R155, HR58, HR41	26	贴片电阻, 2K, $\pm 5\%$, 0603	R0603		8	
76	R95	22	贴片电阻, 680R, $\pm 5\%$, 0603	R0603		1	
77	R97	18	贴片电阻, 1R, 1%, R0805	R0805		1	
78	R99, R96, R93, R92, R91, R90, R127, R100	29	贴片电阻, 4K7, $\pm 5\%$, 0603	R0603		8	
79	SW4, SW3, SW2, MIC3	100	排线插座, 插件, 白色, 2pin, CON_2P_2R0	CON_2P_2R0		4	
80	U1	73	贴片IC, AT8563, MSOP8	MSOP8		1	
81	U10	76	贴片IC, 4R3W功放, LTK5203/PAM8403/, SOP-16	SOP-16		1	
82	U12	60	MINI_PCI连接器	MINI_PCI		1	
83	U14	61	SIMCard, SIM6+1PUSH	ASM005		1	
84	U15	77	贴片IC, AT1308X, SOT23-5	SOT23-6		1	
85	U16	78	贴片IC, SY7201, SOT23-6	SOT23-6		1	