

ID	Name	Designator	Footprint	Quantity	Manufacturer Part	Manufacturer	Supplier	Supplier Part	Price
1	排针-2.54-直-2*3P	P1	排针-2.54-直-2*3P	1					
2	1x16排针	J1	HDR-TH_20PIN-V-MALE-PITCH2.54	1	2.54mm 1*20PHeader	BOOMELE	LCSC	C50981	0.5568
3	20PIN排针	U7	2.54排针20PIN	1					
4	CH340E	U3	MSOP-10_L3.0-W3.0-P0.50-LS5.0-BL	1	CH340E	WCH	LCSC	C99652	3.63
5	8MHz	X1	HC-49S_L11.4-W4.8	1	ESB8.00000F20E22	HOSONIC	LCSC	C99135	0.8937
6	MICRO-03-P2-A1T2	USB1	MICRO-USB-SMD_MICRO-03-PX-A1T2	1	MICRO-03-P2-A1T2	Yuandi	LCSC	C2682529	0.4002
7	SMD3*6*2.5MM-2P	U5	SW-SMD_L6.1-W3.7-LS8.0	1	SMD3*6*2.5MM-2P	null	LCSC	C9900024007	
8	HT7833	U4	SOT-89_L4.5-W2.5-P1.50-LS4.2-BR	1	HT7833	HOLTEK	LCSC	C50936	2.1616
9	32.7680K	U2	CRYSTAL-SMD_L3.2-W1.5-FC-135R32.7680KF-A3	1	FC-135R 32.7680KF-A3	EPSON(爱普生)	LCSC	C1986396	4.92
10	N32G430C8L7	U1	LQFP-48_L7.0-W7.0-P0.50-LS9.0-BL	1	N32G430C8L7	Nations(国民技术)	LCSC	C3032170	5
11	SK12D07VG4	SW1	SW-TH_SK12D07VG4	1	SK12D07VG4	SHOU HAN	LCSC	C393937	0.1203
12	E-500MA	F1	C 0805	1	ASMD0805-050	JDTFUSE	LCSC	C135329	0.3705
13	CUS10S30	D1	SOD-323_L1.8-W1.3-LS2.5-RD	1	CUS10S30,H3F	TOSHIBA	LCSC	C146335	0.2743
14	10uF 1206	C6	C1206	1					
15	1uF 1206	C5	C1206	1					
16	0.1u	C14,C12	C0603	2					
17	1uF	C13	C0603	1					
18	0.1uF	C11,C8,C7,C1	C0603	4					
19	12pF	C10,C9	C0603	2					
20	10pF	C4,C3	C0603	2					
21	4.7uF	C2	C0603	1					