



Comment	Description	Designator	Footprint	LibRef	Quantity
1uF	贴片电容	C1, C5, C8, C11	LC-0603_C	0603 1uF (105) 10% 50V	4
100nF	贴片电容	C2, C7, C9, C10, C12	LC-0603_C	0603 100nF (104) 10% 50V	5
105	贴片电容	C3	LC-0603_C	0603 1uF (105) 10% 50V	1
103	贴片电容	C4	LC-0603_C	0603 10nF (103) 10% 50V	1
106	贴片电容	C6	LC-0603_C	0603 10uF (106) 10% 10V	1
绿灯 0603	发光二极管	D1	LC-0603_LED	0603 绿灯	1
micro_usb	micro USB接口	H1	USB-micro_A	MICRO_USB	1
OR	0805贴片磁珠,OR	I1	LC-0805_L	INDUCTOR-SMD	1
KEY		K1, K2, K3, K4	TSW SMD-3*4*2.5	KEY	4
ESP32-S Module		M1	ESP32-WROOM	ESP32-S Module	1
MIC	咪头 6x2.2mm	MIC1	MIC-6022	MIC	1
OLED-7PIN	OLED接口	OLED1	2.54mm1*7PIN	OLED-7PIN	1
SS8050 Y1	三极管	Q1, Q2	sot-23-3	SOT-23 SS8050 Y1	2
300KΩ	贴片电阻	R1	LC-0603_R	0603 300KΩ (3003) 1%	1
10KΩ	贴片电阻	R2, R8, R9, R10, R11, R13, R18	LC-0603_R	0603 10KΩ (1002) 1%	7
20KΩ	贴片电阻	R3, R4	LC-0603_R	0603 20KΩ (2002) 1%	2
4.7KΩ	贴片电阻	R5	LC-0603_R	0603 4.7KΩ (4701) 1%	1
470Ω	贴片电阻	R6, R7, R12, R14, R15, R16, R17	LC-0603_R	0603 470Ω (4700) 1%	7
4.7Ω	贴片电阻	R19	LC-0603_R	0603 4.7Ω (4R70) 1%	1
AD8052	运放	U1	LC-SOP-8_150mil	AD8052	1
CH340C	USB转串口芯片	U2	LC-SOP-16_150mil	CH340C	1
AMS1117-3.3	低压差线性稳压 (LDO)	VR1	LC-SOT-223	SOT-223 AMS1117-3.3	1