











Comment	Description	Designator	Footprint	LibRef	Quantity
AN9520-245	2.4G全向天线 蓝牙天线 陶瓷贴片 WIFI内置	AN1	AN-5120	AN9520-245	1
CC2541	低功耗蓝牙芯片	B1	QFN40-CC254X	CC2541	1
100nF	贴片电容	BC1, BC2, BC4, C5, C6, C7, C9, C11, C12, C13, C16, C18, C19	CC1005-0402	Chip capacitor	13
220nF	贴片电容	BC3	CC1005-0402	Chip capacitor	1
10uF	贴片电容	BC5, C20, C21, C22	CC1005-0402	Chip capacitor	4
18pF	贴片电容	BC6, BC10	CC1005-0402	Chip capacitor	2
1pF	贴片电容	BC7, BC8, BC9, C8, C10	CC1005-0402	Chip capacitor	5
15pF	贴片电容	BC11, BC14, C1, C2	CC1005-0402	Chip capacitor	4
27pF	贴片电容	BC12, BC13, C3, C4	CC1005-0402	Chip capacitor	4
100pF	贴片电容	BC15	CC1005-0402	Chip capacitor	1
2nH	0402封装的电感	BL1, BL4, BL5	Inductor-0402	Inductor-0402	3
1nH	0402封装的电感	BL2, BL3	Inductor-0402	Inductor-0402	2
56KR	贴片电阻	BR1	CR1005-0402	Chip resistor	1
2.2uF	贴片电容	C14	CC1005-0402	Chip capacitor	1
4.7uF	贴片电容	C15	CC1005-0402	Chip capacitor	1
0.22uF	贴片电容	C17	CC1005-0402	Chip capacitor	1
TFT_LED	1.3寸显示屏	L1	LCD-1.3-(2)	LCD-IPScreen-1.3	1
power		P0	POWER2	power	1
power		P2, P3	POWER-3.7V	power	2
10K	贴片电阻	R1, R2, R4, R6, R10, R11, R13, R14, R18, R19, R20, R21, R22, R23, R24	CR1005-0402	Chip resistor	15
47K	贴片电阻	R3, R5, R9	CR1005-0402	Chip resistor	3
4.7K	贴片电阻	R7	CR1005-0402	Chip resistor	1
1K	贴片电阻	R8, R12	CR1005-0402	Chip resistor	2
1.5K	贴片电阻	R15, R16	CR1005-0402	Chip resistor	2
2KR	贴片电阻	R17	CR1005-0402	Chip resistor	1
SH1.0-7P	间距为1mm的端子	SH1	SH1.0-7P	SH1.0-7P	1
测试点	测试点	T1	测试点	测试点	1
STM32L431CCU6	stm32低功耗单片机 主频80MHz	U1	STM32-UFQFPN48_N	STM32L431CCU6	1
BS812A-1	触摸按键 两路 SOP23-6封装极筒电路	U2	SOT23-6	BS812A-1	1
W25Q64JVEIQ	FLASH	U3	WSON-8_L8.0-W6.10-P1.27-TL-EP	W25Q256JVEIQ	1
SI2305	PMOS场效应MOS管 SOT-23	U4	SOT-23	SI2305	1
ST25DV04k	NFC芯片4K存储空间	U5	UFDFPN8	ST25DV04k	1
SI7020	温湿度传感器芯片	U6	DFN-6	SI7020	1
HMC5883L	三轴罗盘	U7	LPCC-16_L3.0-W3.0-P0.50-BL	HMC5883L	1
MPU6050	陀螺仪	U8	QFN24 - duplicate	MPU6050	1
MMBT3904TT1G	NPN 电流 - 集电极 (Ic) (最大值) : 200mA 电压 - 集电极 击穿 (最大值) : 40V SOT-23-3	U9	SOT-416	MMBT3904TT1G	1
CH340E	usb转串口芯片 MSOP10封装	U10	MSOP-10	CH340E	1
TP4054	迷你充电IC SOT-23-5	U11	SOT23-5	TP4054	1
TPS22860	超低泄漏电流负载开关 超低泄漏电流负载开关 它可支持最大200mA 的持续电流。 此开关可由一个 打开/关闭输入 (ON) 控制	U12, U14, U15	SOT23-6	TPS22860	3
TPS709	3.3V降压IC SOT23-5封装 最大输出150ma 电流	U13	SOT23-5	TPS709	1
Tpye-c 16P	16P 封装的TYPE -c接口 4固定插脚 双向	USB1	TYPE-C 16P	Tpye-c 16P	1
32.768Khz	2012封装的时钟晶振	X1, X4	XTAL-2012	XTAL 2012	2
32Mhz	2016封装的晶振	X2, X3	XTAL-2016	XTAL 2016	2