

Comment	Description	Designator	Footprint	LibRef	Quantity
RAINSUN		A1	ANT-Rainsun-AN5120	ANT-Rainsun-AP5120	1
0.1uF	Capacitor	C1, C5, C7, C8, C10, C11	CAP_0402	电容-0402	6
10uF	Capacitor	C2, C4	CAP_0402	电容-0402	2
10nF	Capacitor	C3, C6	CAP_0402	电容-0402	2
2.2nF	Capacitor	C9	CAP_0402	电容-0402	1
FFC_0.5_8	FFC	CON1	FFC_0.5_8	FFC_0.5_8	1
RGB	LED	D1	LED_5050_WS2812B	LED_5050_WS2812B	1
TF-Socket	10_8 + 2_ Position Card Connector Secure Digital - microSDa? ‡ Surface Mount, Right Angle Gold	J1	TF-Card-Amphenol with TF	TF-Socket	1
10K	Resistor	R1, R6, R7, R8, R9, R10, R11	RES_0402	电阻-0402	7
0R	Resistor	R2	RES_0402	电阻-0402	1
200R	Resistor	R3	RES_0402	电阻-0402	1
12K	Resistor	R4, R5	RES_0402	电阻-0402	2
CP2102	USB转TTL	U1	QFN-28	CP2102	1
LP2992 3V3	LDO	U2	SOT23-5	LP2992	1
MPU6050	六轴传感器	U3	QFN-24	MPU6050	1
ESP32_SIP		U4	QFN-48_7X7	ESP32-PICO	1
BH1750FVI-TR		U5	BH1750FVI	BH1750FVI-TR	1
Type-C		USB1	Type-C-TOP	USB-Type-C-TOP	1
S8050	Surface mount NPN transistor, package SOT-23	VT1, VT2	SMT_TRIODE_NPN	SMT_TRIODE_NPN	2