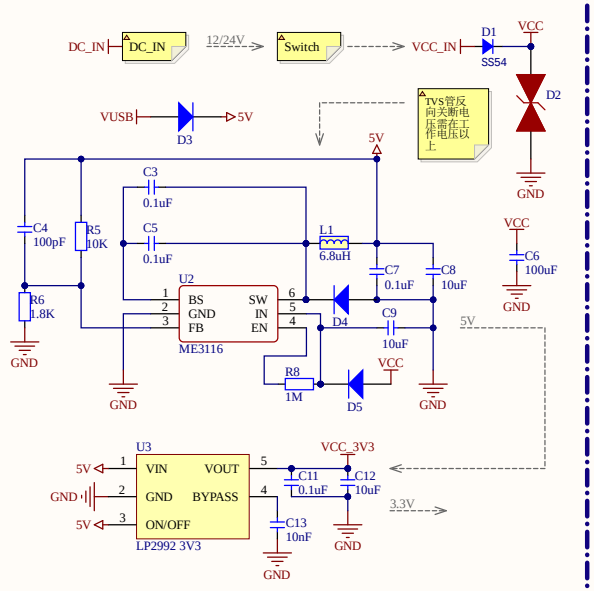
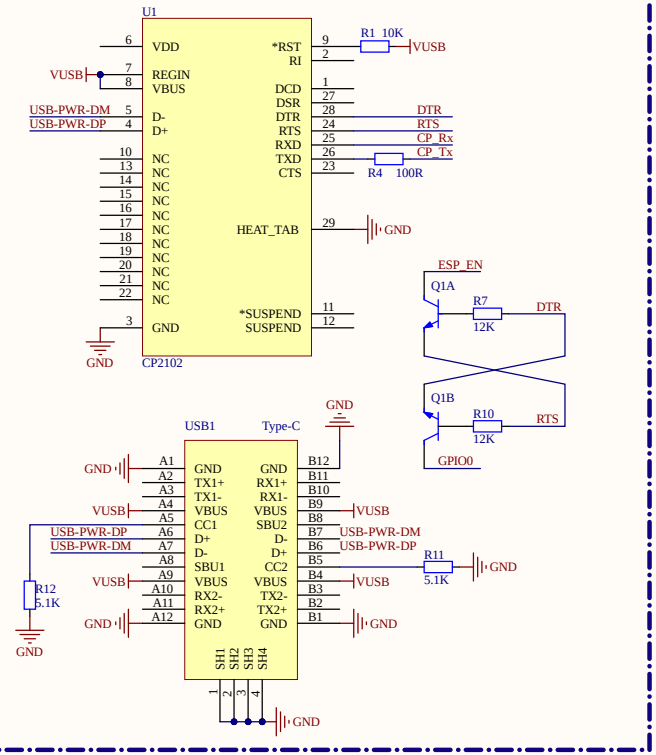
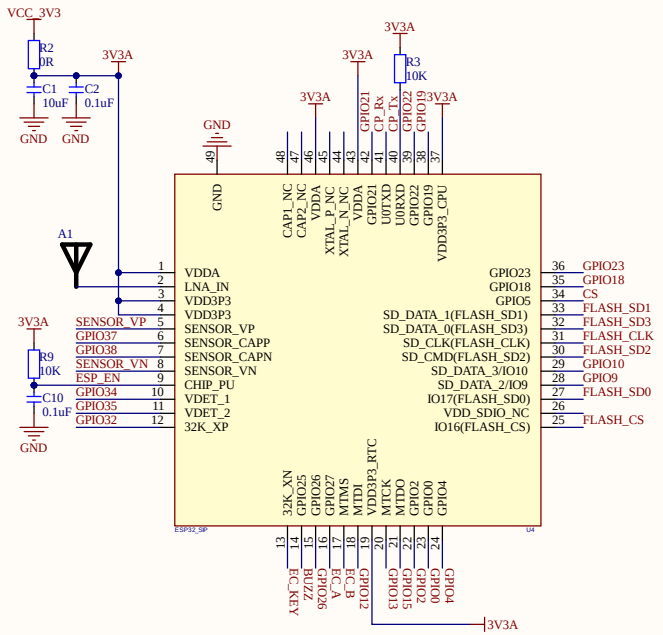
POWER



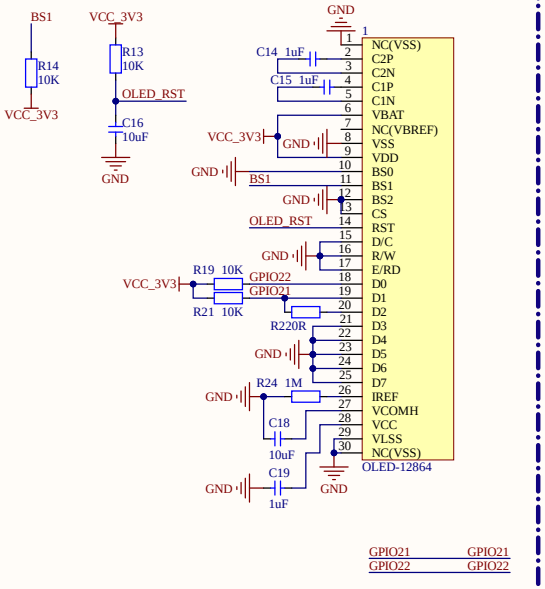
USB-PROG



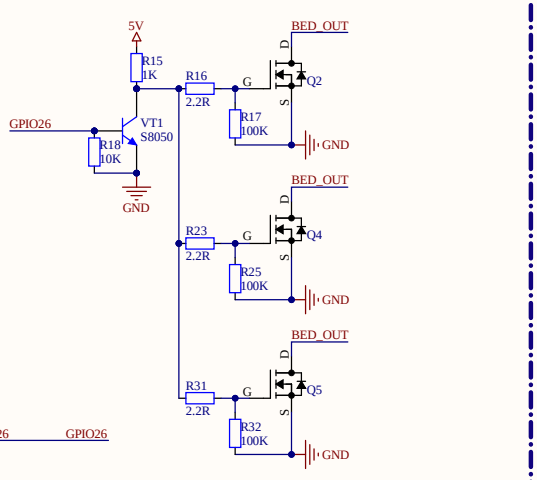
CORE



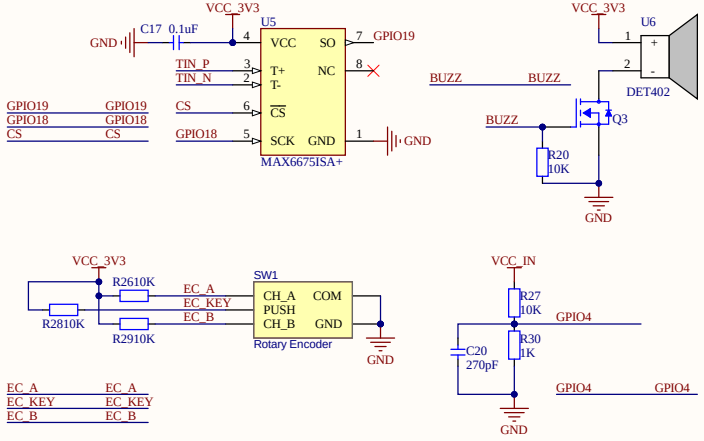
OLED

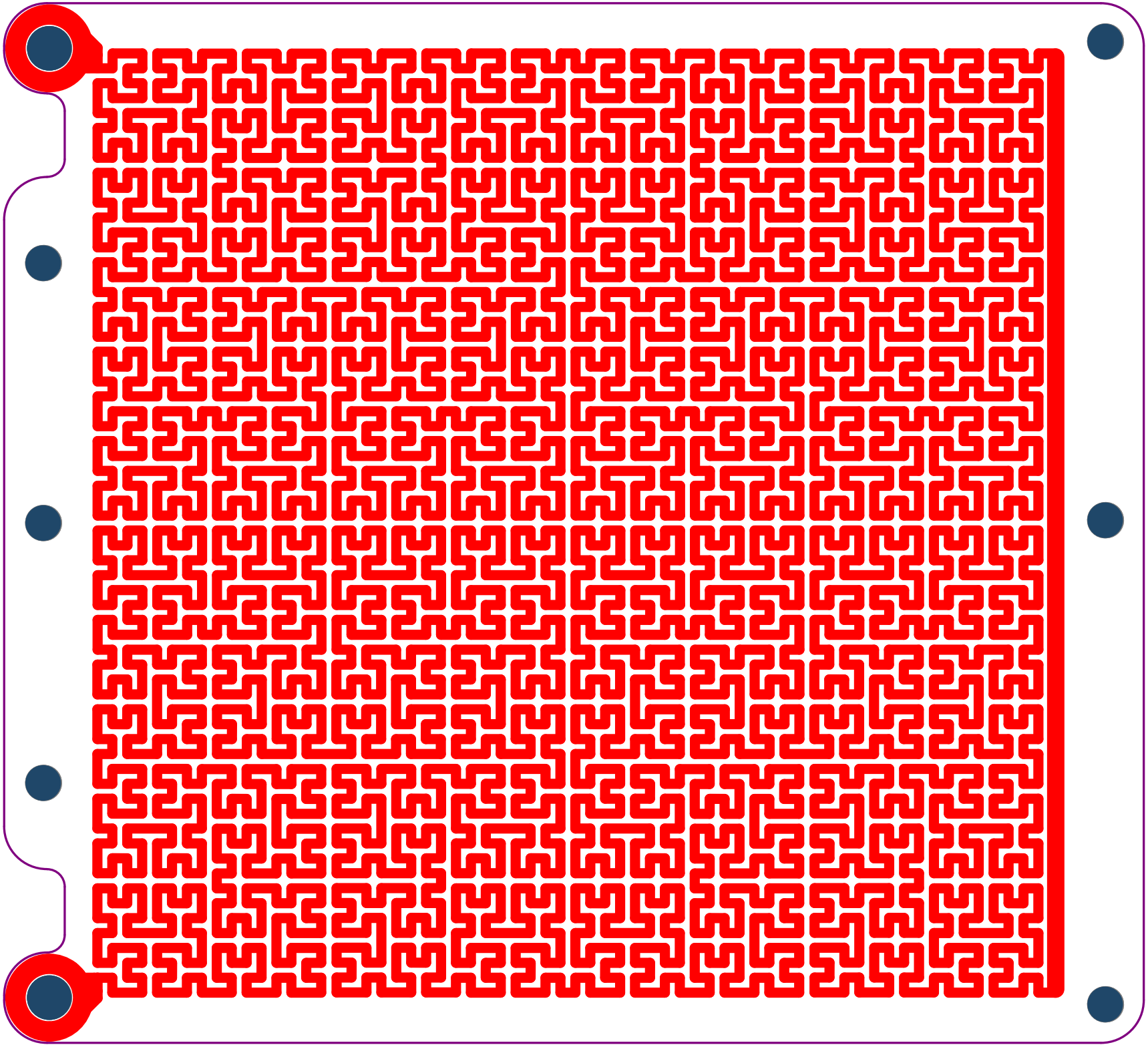


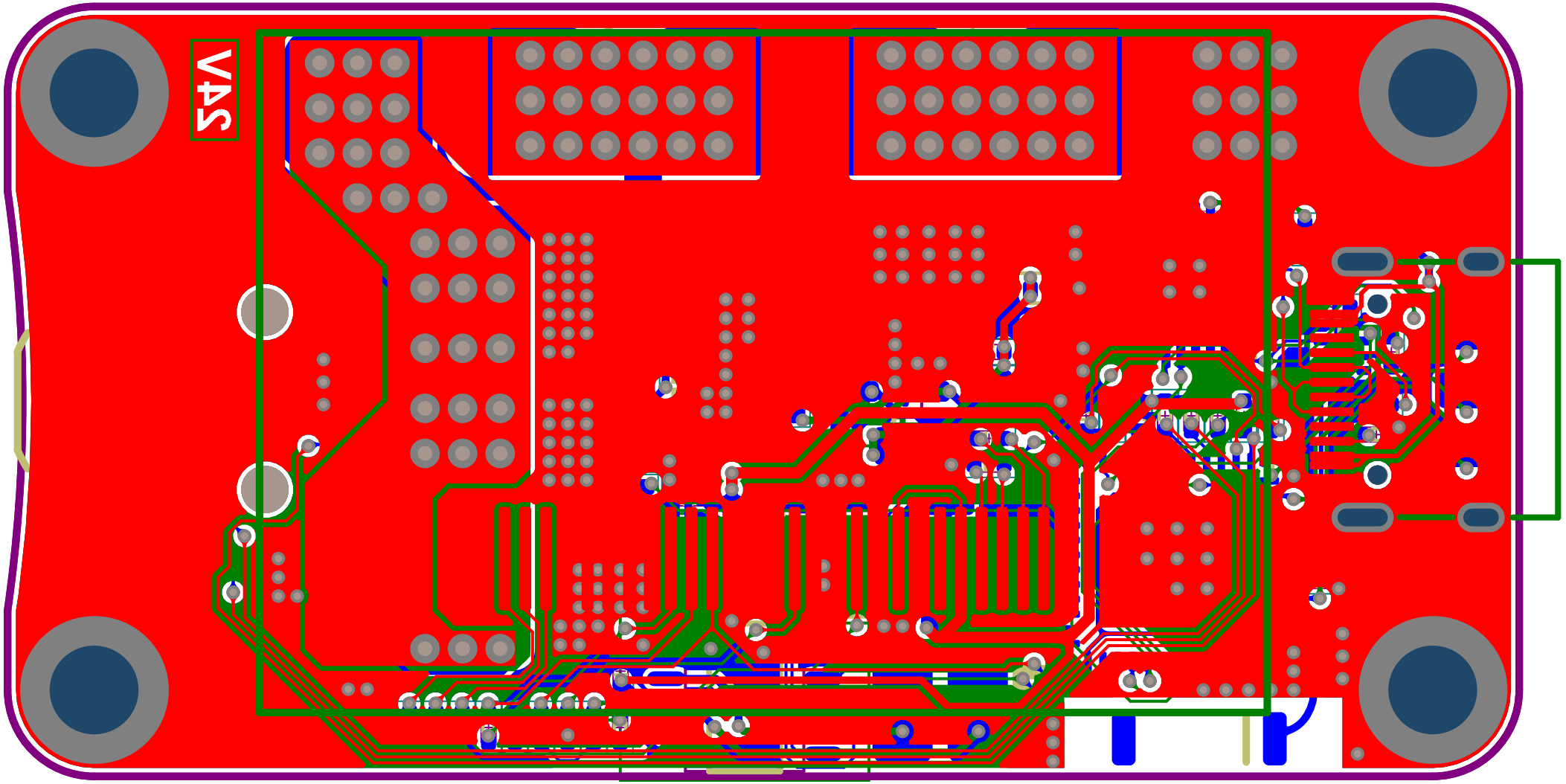
MOS



INTERFACE






V4S

Comment	Description	Designator	Footprint	LibRef	Quantity
OLED-12864	显示屏	1	OLED-12864-1.3-TOP	OLED-12864	1
RAINSUN		A1	ANT-Rainsun-AN5120	ANT-Rainsun-AP5120	1
10uF	Capacitor	C1, C8, C9, C12, C16, C18	CAP_0402	电容-0402	6
0.1uF	Capacitor	C2, C3, C5, C7, C10, C11, C17	CAP_0402	电容-0402	7
100pF	Capacitor	C4	CAP_0402	电容-0402	1
100uF	Capacitor	C6	1206-CAP	电容-1206	1
10nF	Capacitor	C13	CAP_0402	电容-0402	1
1uF	Capacitor	C14, C15, C19	CAP_0402	电容-0402	3
270pF	Capacitor	C20	CAP_0402	电容-0402	1
SS54	Diode	D1	DO-214AC	Diode_SMA	1
SMBJ28CA		D2	SMBJ-CA_MFG	SMBJ28CA	1
二极管-5819W	40V	D3, D4, D5	SOD-323	二极管-5819W	3
6.8uH		L1	IND-201612	电感-201612	1
BC847BVC-7		Q1	SOT563-6	BC847BVC-7	1
NTMFS5C628NLT	MOSFET N-CH 60V SO8FL	Q2, Q4, Q5	SO8FL	NTMFS5C628NLT	3
AO3400A	N-MOS	Q3	SOT23-3	AO3400A	1
10K	Resistor	R1, R3, R5, R9, R13, R14, R18, R19, R20, R21, R26, R27, R28, R29	RES_0402	电阻-0402	14
0R	Resistor	R2, R22	RES_0402	电阻-0402	2
100R	Resistor	R4	RES_0402	电阻-0402	1
1.8K	Resistor	R6	RES_0402	电阻-0402	1
12K	Resistor	R7, R10	RES_0402	电阻-0402	2
1M	Resistor	R8, R24	RES_0402	电阻-0402	2
5.1K	Resistor	R11, R12	RES_0402	电阻-0402	2
1K	Resistor	R15, R30	RES_0402	电阻-0402	2
2.2R	Resistor	R16, R23, R31	RES_0402	电阻-0402	3
100K	Resistor	R17, R25, R32	RES_0402	电阻-0402	3
Rotary Encoder		SW1	SIQ-02FVS3	Rotary Encoder	1
CP2102	USB转TTL	U1	QFN-28	CP2102	1
ME3116	DC-DC	U2	SOT23-6	ME3116	1
LP2992 3V3	LDO	U3	SOT23-5	LP2992	1
ESP32_SIP		U4	QFN-48_7X7	ESP32-PICO	1
MAX6675ISA	IC THERMOCOUP TO DGTL 8-SOIC	U5	SO-8	MAX6675ISA	1
DET402		U6	DET402	DET402	1
Type-C		USB1	Type-C-TOP	USB-Type-C-TOP	1
S8050	Surface mount NPN transistor, package SOT-23	VT1	SMT_TRIODE_NPN	SMT_TRIODE_NPN	1