



Title		
Size	Number	Revision
A4		
Date:	5/16/2023	Sheet of
File:	D:\项目资料\ESP32-S3核心板.SchDoc	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
	Polarized Capacitor (Radial)	C1	1206	Cap Pol1	1
100UF	Polarized Capacitor (Radial)	C2	钽电容J107	Cap Pol1	1
104	Capacitor	C3, C4, C5, C6, C8	C0402	Cap	5
Cap	Capacitor	C7	1206	Cap	1
	Schottky Diode	D1, D5	D0603	DIODE SCHOTTKY	2
LED		D2, D3	0603D	LED	2
XL-5050RGBC-WS2812B		D4	LED-SMD_L5.0-W5.0-P3.20-LS5.4-TL	XL-5050RGBC-WS2812B	1
Header 21	Header, 20-Pin	P1, P2	HDR1X21	Header 21	2
NPN	NPN Transistor	Q1, Q2	SOT-23	NPN	2
12K		R1, R2, R4, R9	R0402	RES2	4
470R		R3, R6, R7, R8	R0402	RES2	4
5K		R5	R0402	RES2	1
0		R10	R0402	RES2	1
SW-PB		S1, S2	button	SW-PB	2
AMS1117-3.3		U1	SOT223	AMS1117-3.3	1
ESP32-S3-WROOM-1-N8		U2	ESP32-S3 W1	ESP32-S3-WROOM-1-N8	1
CH340C		U3	SO-16_M	CH340	1
ESP32-OTG		U4	USB_T	microusb	1
microusb		U5	USB_T	microusb	1