



Title		
Size	Number	Revision
A4		
Date:	2022/3/12	Sheet of
File:	E:\2021SimpleFOC开发板\ESP32扩展板\	

Comment	Description	Designator	Footprint	LibRef	Quantity
ESP32			ESP32 002	Component_1	1
Header 2	Header, 2-Pin	+36V GND	DIP2	Header 2	1
	Inductor	330	IND-SMD_L7.5-W7.5	Inductor	1
	Polarized Capacitor (Radial)	C7, C8	电容	Cap Pol1	2
Header 4	Header, 4-Pin	CK1, CK2, IIC1, IIC2	HDR1X4	Header 4	4
IN5824	Default Diode	D4	D789	Diode	1
Header 3	Header, 3-Pin	IS1 IS2 IS3, IS4 IS5 IS6	HDR1X3	Header 3	2
LM2596S-12.0	SIMPLE SWITCHER Power Converter 150 KHz 3A Step-Down Voltage Regulator	LM2596	TO-263-5_L10.2- W8.9-P1.70-BR	LM2596S-5.0	1
Header 9	Header, 9-Pin	OUTPUT	HDR1X9	Header 9	1
Header 6	Header, 6-Pin	SPI1	HDR1X6	Header 6	1