

A

B

C

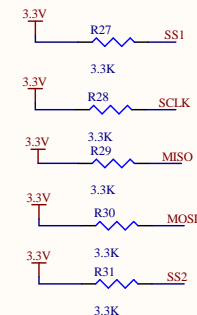
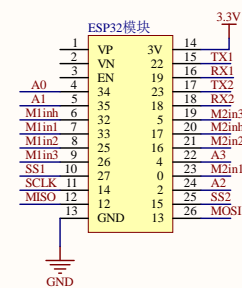
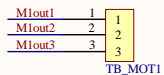
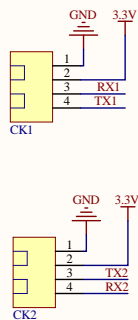
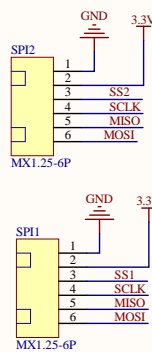
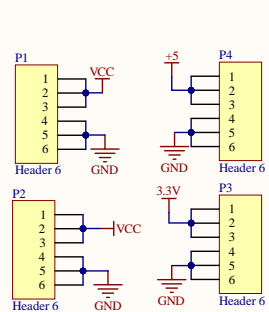
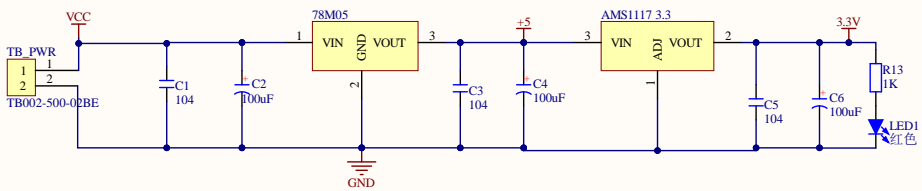
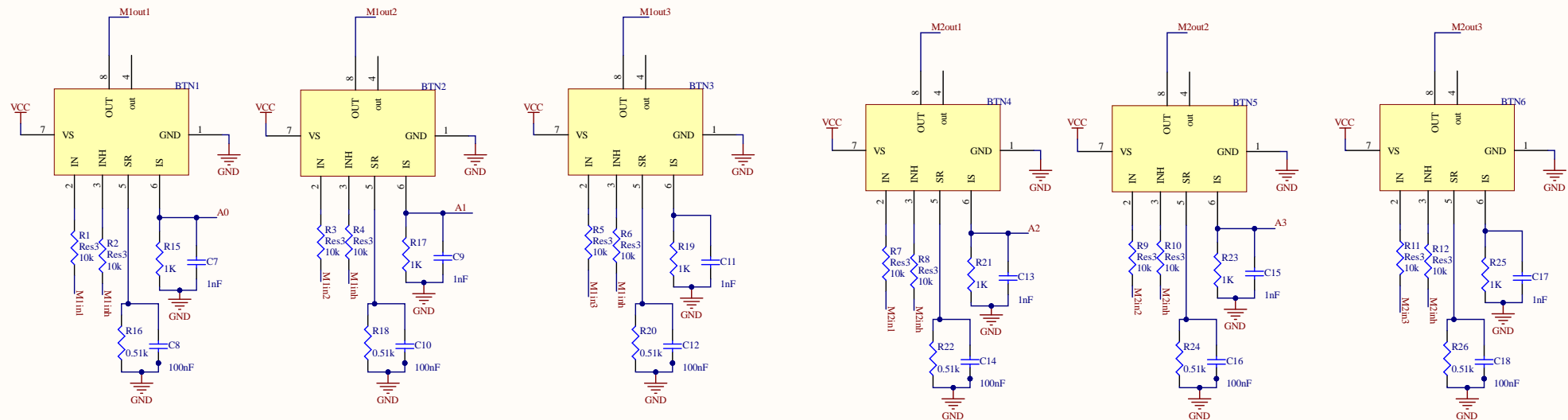
D

A

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D



Title		
Size	Number	Revision
A3	0.2	0
Date:	3/04/2022	Sheet of
File:	D:\业余\SimpleFOCDriver.SchDoc	Drawn By:

Line #	Name	Description	Designator	Quantity	value	Manufacturer 1	Manufacturer PartNo 1	Manufacturer Lifecycle 1	Supplier 1	Supplier PartNo 1	Actual Price 1	Supplier Subtotal 1
	78M05	线性稳压芯片	78M05	1								
	AMS1117 3.3	可调线性稳压芯片	AMS1117 3.3	1								
	BTN8982	BTN8982	BTN1, BTN2, BTN3, BTN4, BTN5, BTN6	6					RSComponents			
	104	无极性贴片电容	C1, C3, C5	3								
	100uF	贴片固态电容	C2	1								
	100uF	贴片钽电容	C4, C6	2								
	Cap Semi	Capacitor (Semiconductor SIM Model)	C7, C9, C11, C13, C15, C17	6	1nF							
	Cap Semi	Capacitor (Semiconductor SIM Model)	C8, C10, C12, C14, C16, C18	6	100nF							
	MX1.25-4P		CK1, CK2	2								
	ESP32		ESP32模块	1								
	红色	方形LED	LED1	1								
	Header 6	Header, 6-Pin	P1, P2, P3, P4	4								
	Res3	Resistor	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12	12	10k							
	1K	贴片电阻	R13	1								
	Res3	Resistor	R15, R17, R19, R21, R23, R25	6	1K							
	Res3	Resistor	R16, R18, R20, R22, R24, R26	6	0.51k							
	Res3	Resistor	R27, R28, R29, R30, R31	5	3.3K							
	MX1.25-6P		SPI1, SPI2	2								
	TB002-500-03BE		TB_MOT1, TB_MOT2	2		CUI Devices	TB002-500-03BE		Mouser	490-TB002-500-03BE		
	TB002-500-02BE		TB_PWR	1		CUI Devices	TB002-500-02BE		Mouser	490-TB002-500-02BE		