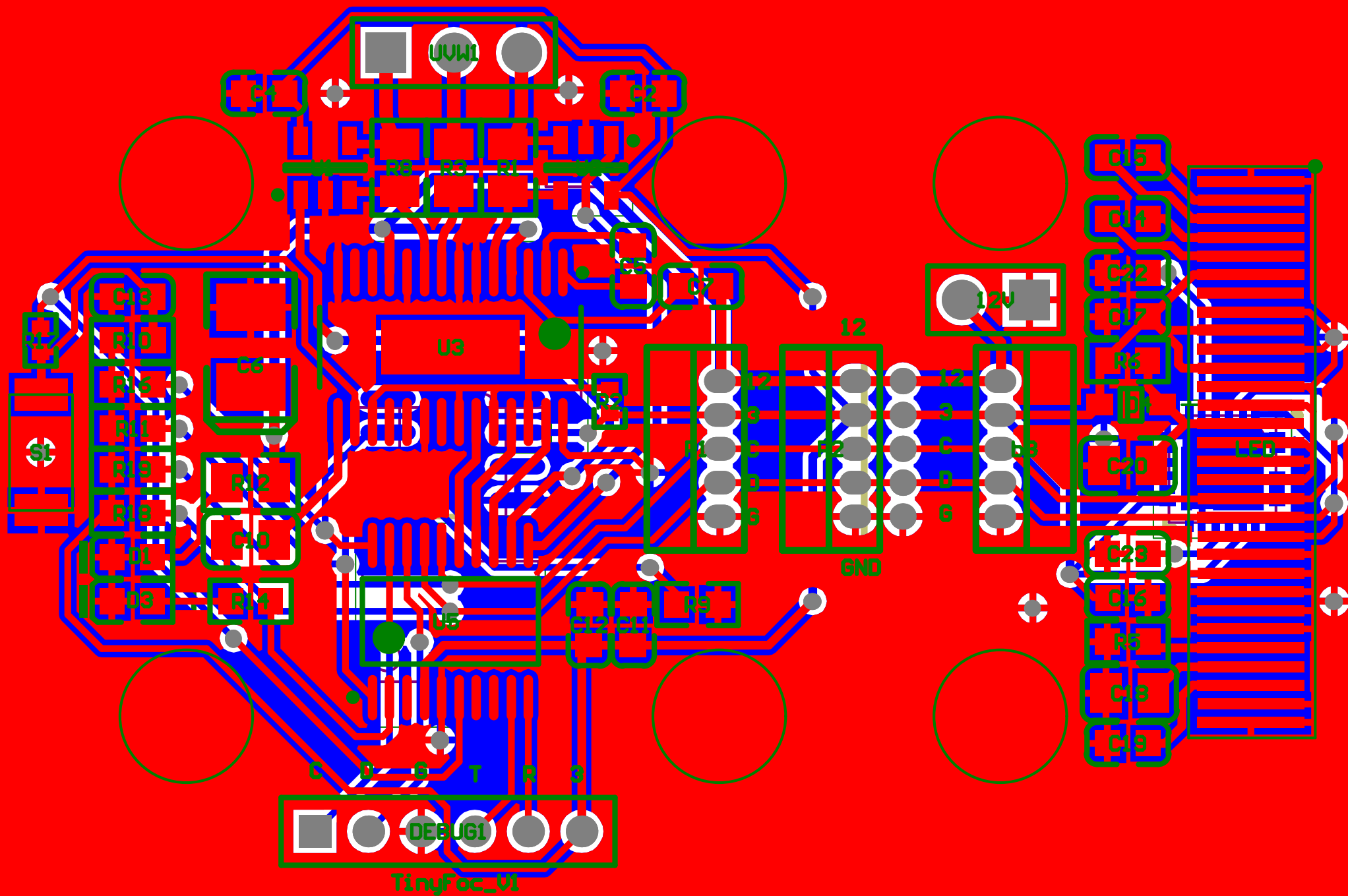


Title		3 2 1	I2C2_SCL I2C2_SDA	
Size A4	Number P4	GND		Revision
Date:	2024/6/18			Sheet of
File:	E:\workspace\TinyFoc v1.SchDoc			Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
Header 2	接插件	12V	HDR2X1_A	Header 2	1
100nF (104) 10% 50V	贴片电容	C2, C4, C7, C11, C12, C13, C16, C22, C23	0603_C	0603 100nF (104) 10% 50V	9
10nF (103) 10% 50V	贴片电容	C5	0603_C	0603 10nF (103) 10% 50V	1
10uF (106) 1 0% 16V	钽电容	C6	CASE-B_3528	3528 100uF (107) 10% 6.3V	1
470nF (474) 10% 50V	贴片电容	C10	0805_C	0805 470nF (474) 10% 50V	1
1uF (105) 10% 50V	贴片电容	C14, C15, C17	0603_C	0603 1uF (105) 10% 50V	3
4.7uF (475) 10% 25V	贴片电容	C18	0805_C	0805 4.7uF (475) 10% 25V	1
2.2uF (225) 10% 16V	贴片电容	C19	0603_C	0603 2.2uF (225) 10% 16V	1
10uF (106) 10% 16V	贴片电容	C20	0805_C	0805 10uF (106) 10% 25V	1
红灯 0603	发光二极管	D1	0603_LED_S1	0603 红灯	1
蓝灯 0603	发光二极管	D3	0603_LED_S1	0603 蓝灯	1
1N4148WS T4	二极管	D4	SOD-323	SOD-323 1N4148WS T4	1
Header 6	接插件	DEBUG1	HDR6X1_A_2.0	Header 6	1
OLED	OLED显示屏12864	LED	OLED_pin30	OLED	1
Header 5	接插件-1.27	P1, P2, P3	HDR5_1.27_A	Header 5	3
Header 5	接插件-1.27	P4	HDR5_1.27_B	Header 5	1
0.01Ω (0R0) 1 %	贴片电阻	R1, R8	0805_R	0805 0Ω (0R0) 1%	2
0Ω (0R0) 1 %	贴片电阻	R2, R17	0402_R	0402 0Ω (0R0) 1%	2
0Ω (0R0) 1 %	贴片电阻	R3	0805_R	0805 0Ω (0R0) 1%	1
1MΩ (1004) 1 %	贴片电阻	R5	0603_R	0603 1MΩ (1004) 1%	1
10KΩ (1002) 1 %	贴片电阻	R6	0603_R	0603 10KΩ (1002) 1%	1
1KΩ (1001) 1 %	贴片电阻	R9, R10, R14	0603_R	0603 1KΩ (1001) 1%	3
2KΩ (2001) 1 %	贴片电阻	R11, R16, R18, R19	0603_R	0603 2KΩ (2001) 1%	4
2KΩ (2001) 1 %	贴片电阻	R12	0805_R	0805 2KΩ (2001) 1%	1
SW-PB	微动开关	S1	SW_PB2_3*5	SW-PB	1
INA180_A	电流检测	U1, U2	SOT23	INA180_A	2
DRV8313	无刷电机驱动芯片	U3	TSSOP-28p	DRV8313	1
AS5600	磁编码器	U4	SOP-8N	AS5600	1
STM32G0	STM32单片机20引脚	U5	STM8S103	STM32G0	1
mpu6050		U6	QFN50P400X400X80_HS-25N	mpu6050	1
Header 3	接插件	UVW1	HDR3X1_A	Header 3	1