

1

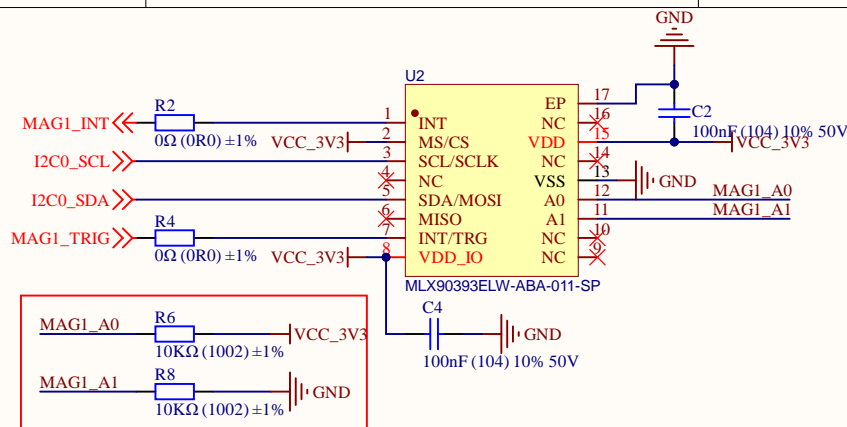
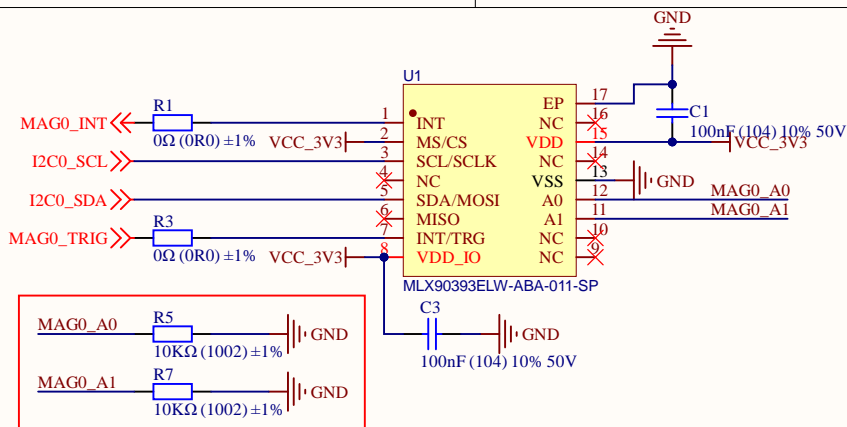
2

3

4

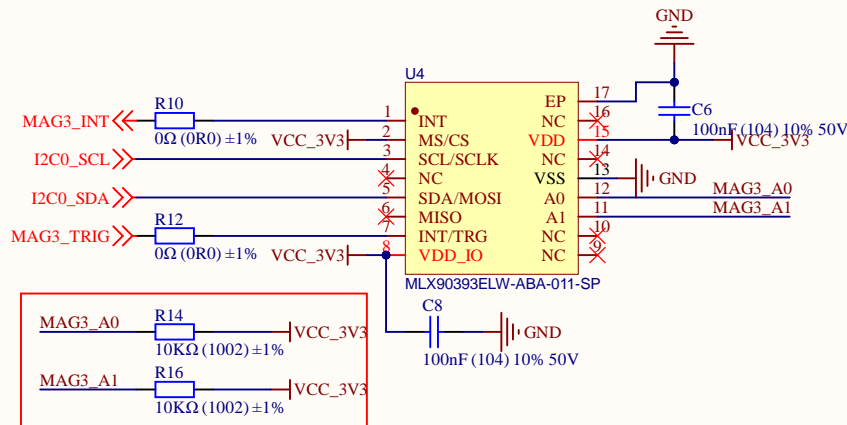
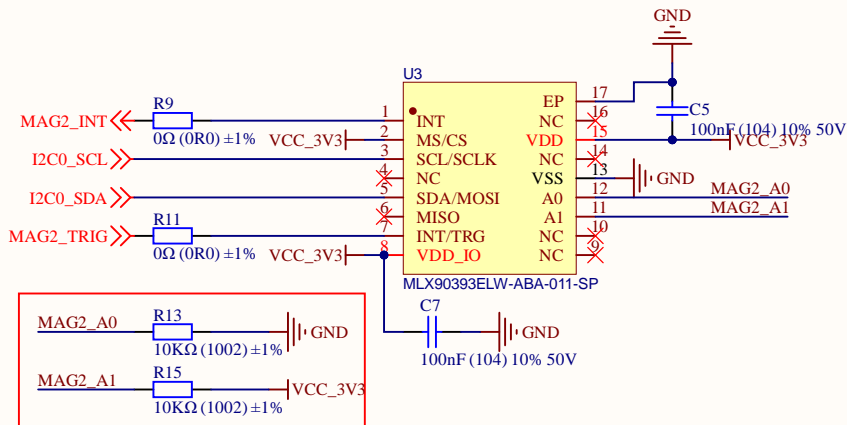
A

A



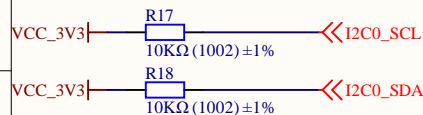
B

B



C

C



D

D

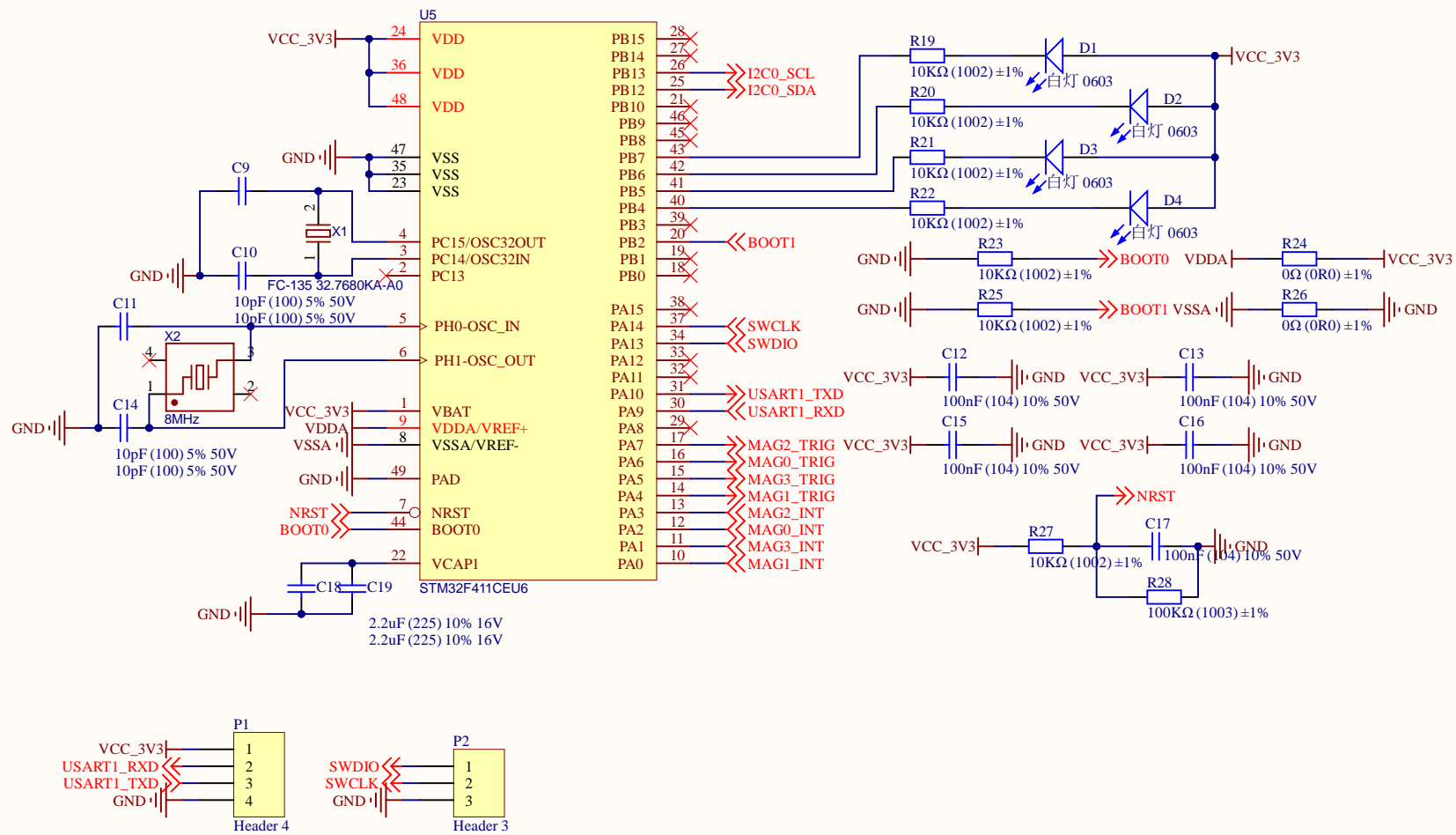
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Size	Number	Revision
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Date:	4/27/2023	Sheet of
File:	D:\4年计划\.\merci_main.SchDoc	Drawn By:

1

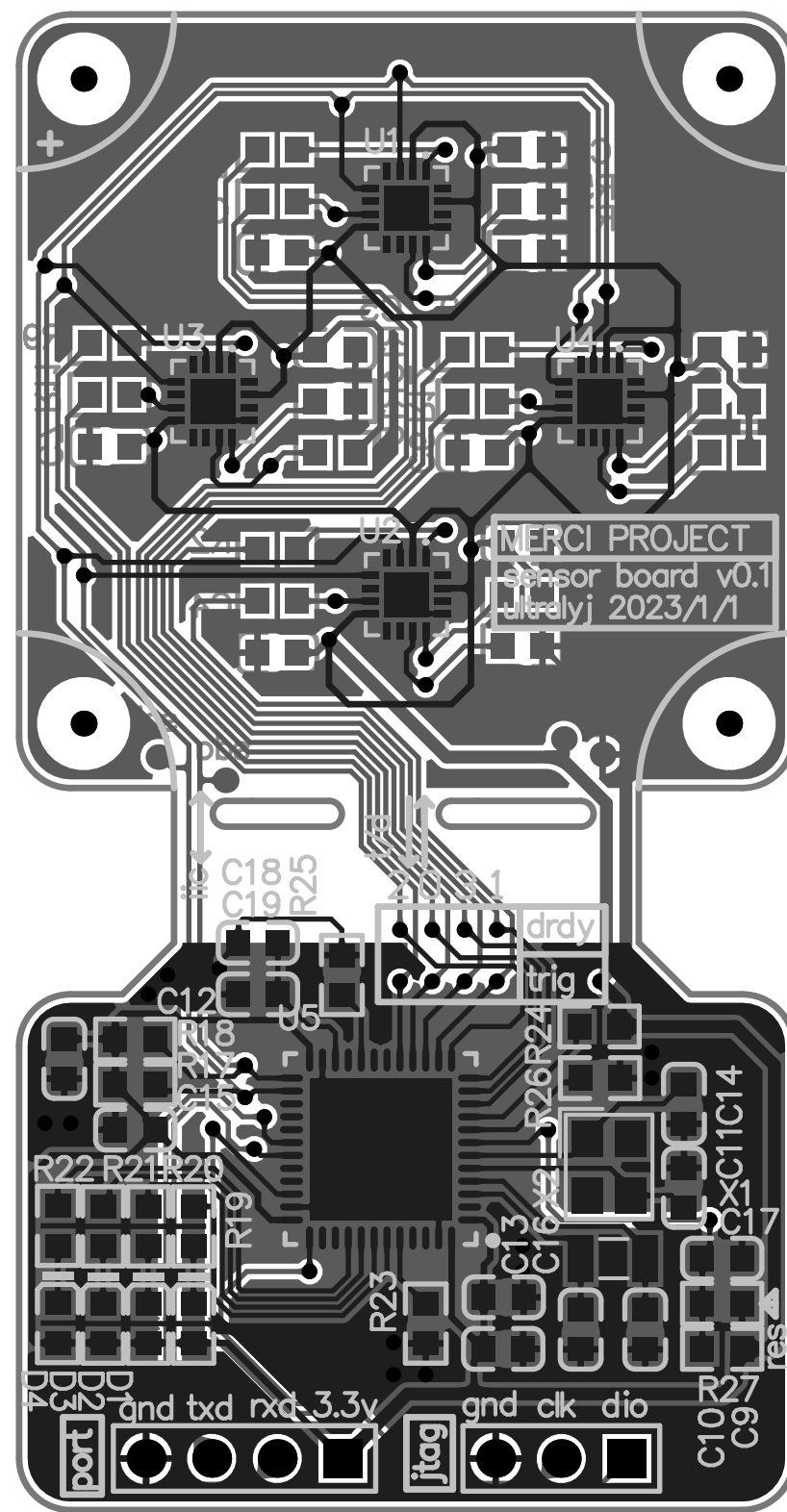
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4



Title		
Size	Number	Revision
A4		
Date:	4/27/2023	Sheet of
File:	D:\4年计划\merci_proc.SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
100nF (104) 10% 50V	贴片电容	C1, C2, C3, C4, C5, C6, C7, C8, C12, C13, C15, C16, C17	LC-0603_C	0603 100nF (104) 10% 50V	13
10pF (100) 5% 50V	贴片电容	C9, C10, C11, C14	LC-0603_C	0603 10pF (100) 5% 50V	4
2.2uF (225) 10% 16V	贴片电容	C18, C19	LC-0603_C	0603 2.2uF (225) 10% 16V	2
白灯 0603	发光二极管	D1, D2, D3, D4	LC-0603_LED_S1	0603 白灯	4
Header 4	Header, 4-Pin	P1	HDR1X4	Header 4	1
Header 3	Header, 3-Pin	P2	HDR1X3	Header 3	1
0Ω (0R0) ±1%	贴片电阻	R1, R2, R3, R4, R9, R10, R11, R12, R24, R26	LC-0603_R	0603 0Ω (0R0) 1%	10
10KΩ (1002) ±1%	贴片电阻	R5, R6, R7, R8, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R25, R27	LC-0603_R	0603 10KΩ (1002) 1%	17
100KΩ (1003) ±1%	贴片电阻	R28	LC-0603_R	0603 100KΩ (1003) 1%	1
MLX90393ELW-ABA-011-SP		U1, U2, U3, U4	QFN-16_L3.0-W3.0- P0.50-TR-EP1.7	MLX90393ELW-ABA-011-SP	4
STM32F411CEU6		U5	UFQFPN-48_L7.0- W7.0-P0.50-BL-EP - duplicate	STM32F411CEU6	1
FC-135 32.7680KA-A0		X1	CRYSTAL-SMD_L3.2- W1.5-FC- 135R32.7680KF-A3	FC-135 32.7680KA-A0	1
8MHz		X2	CRYSTAL-SMD_4P- L3.2-W2.5-BL	8MHz	1