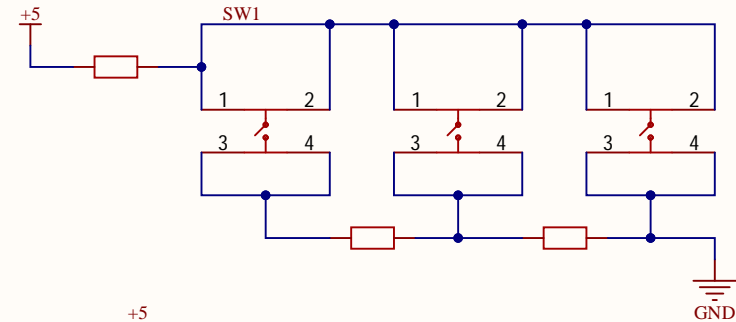
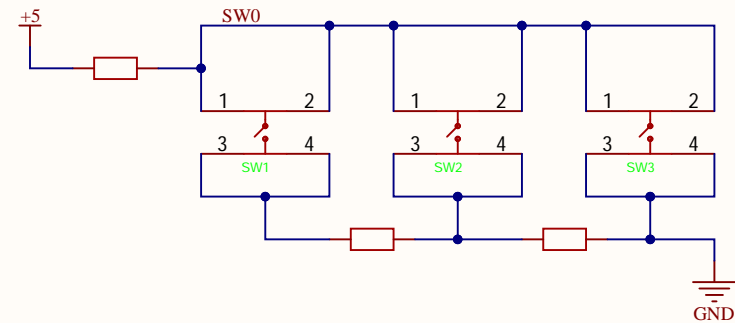
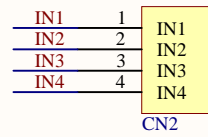
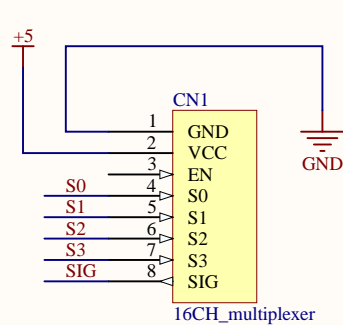
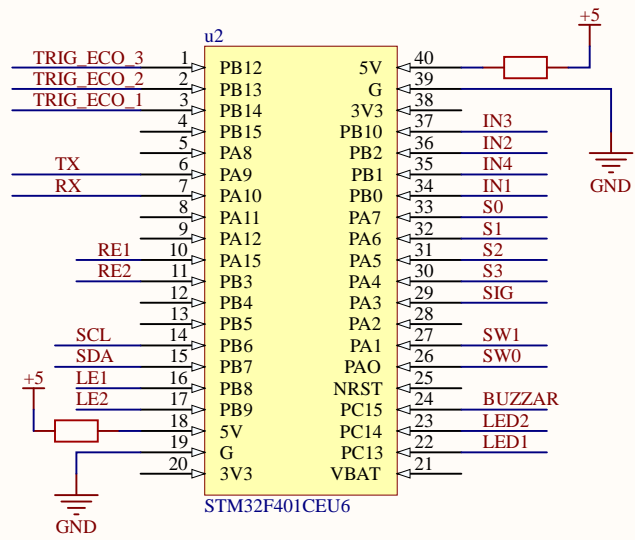
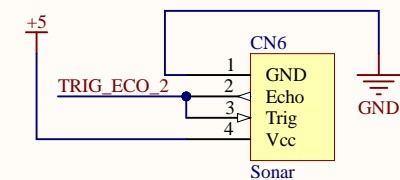
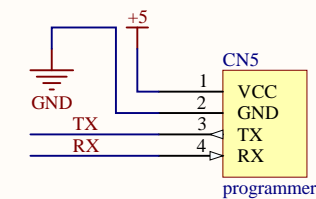
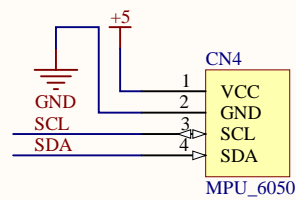
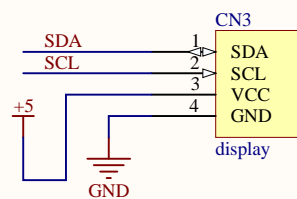
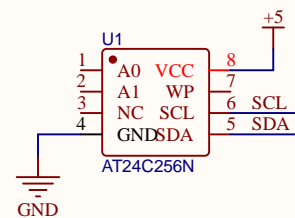


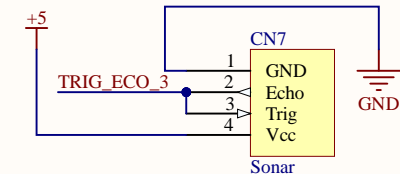
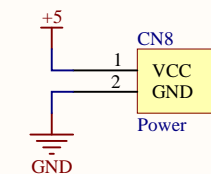
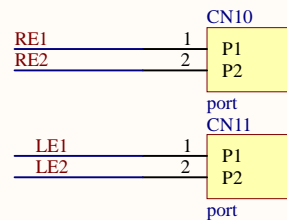
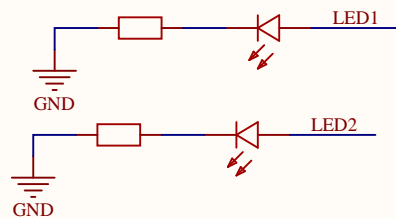
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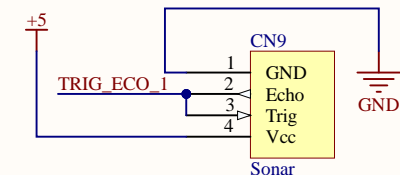
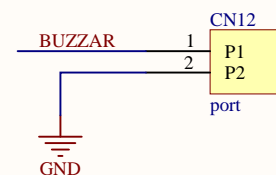
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C



D



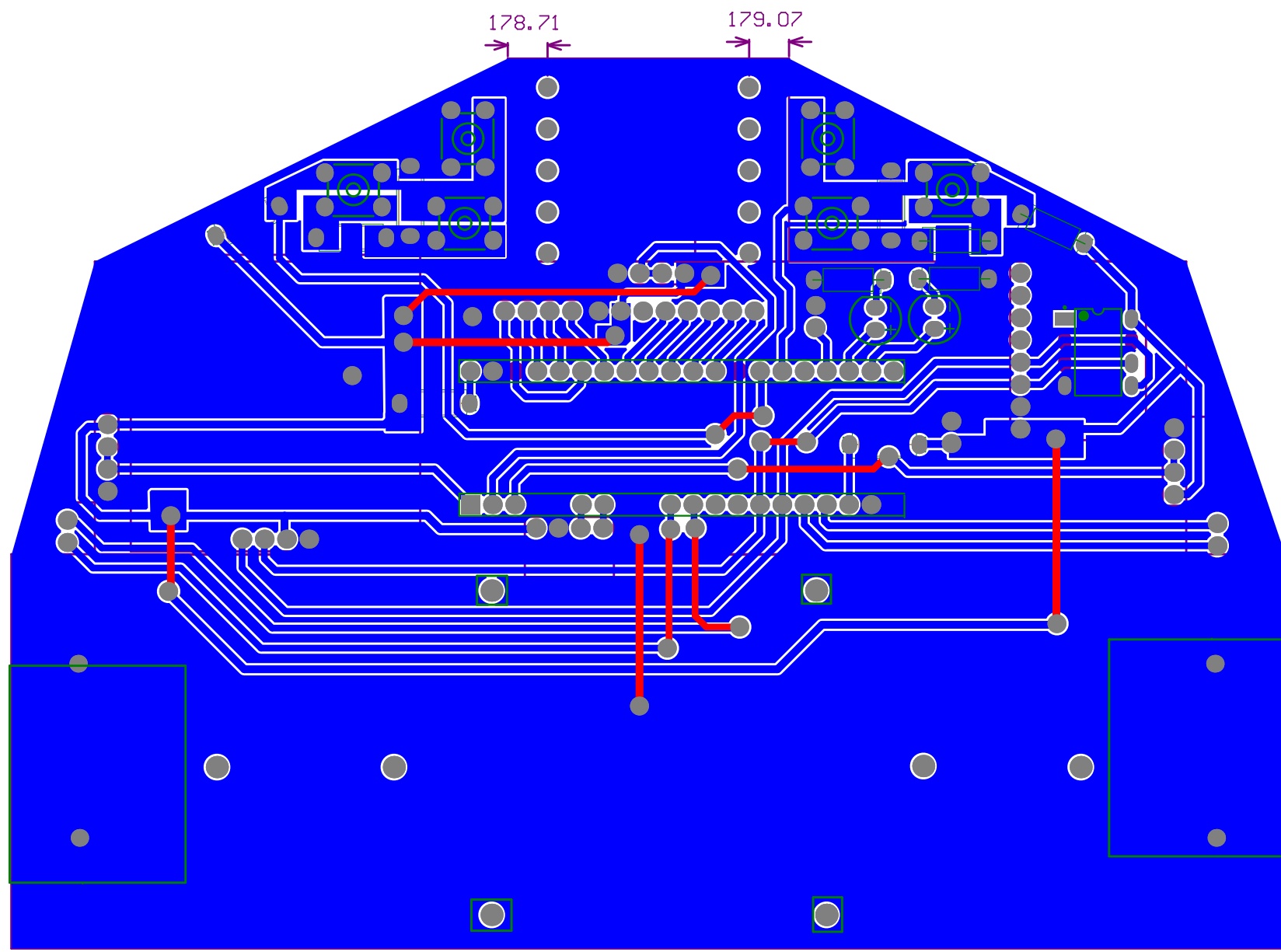
A

B

C

D

Title		
Size	Number	Revision
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Date:	5/22/2025	Sheet of
File:	C:\Users\...\LFR_A_v2.SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
16CH_multiplexer		CN1	16CH_MUX	16CH_multiplexer	1
M_Driver		CN2	M_driver	M_Driver	1
display		CN3	display	display	1
MPU_6050		CN4	mpu_6050	MPU_6050	1
programmer		CN5	Sonar	programmer	1
Sonar		CN6, CN7, CN9	Sonar	Sonar	3
Power		CN8	power	Power	1
port		CN10, CN11, CN12	power	port	3
333-2SURD/ S530-A3		LED1, LED2	LED-TH_BD5.9-P2.54-RD_RED	LED	2
10kΩ		R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	registor	reg_10k	10
1825910-7		SW1, SW2, SW3, SW4, SW5, SW6	button	button	6
STM32F401CEU6		u2	STM32F411CE	STM32F401CEU6	1
AT24C256N		U1	DIP-8_L9.8-W6.6-P2.54-LS7.6-BL	AT24C256N	1