

A

B

C

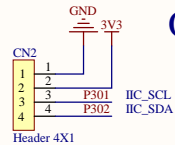
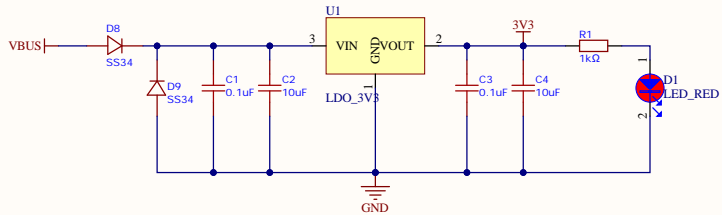
D

A

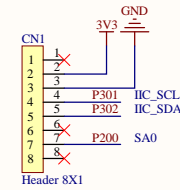
B

C

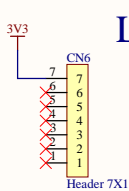
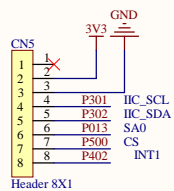
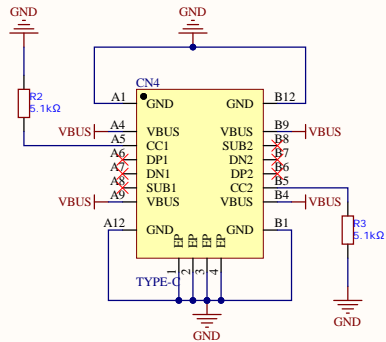
D



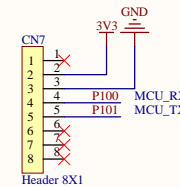
OLED



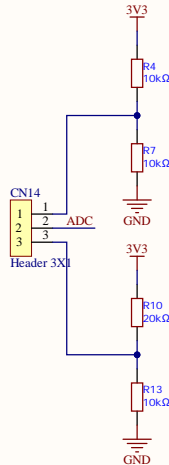
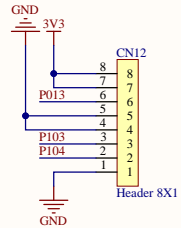
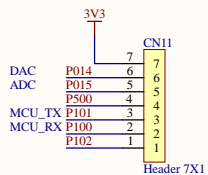
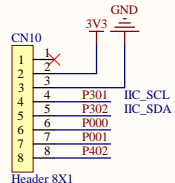
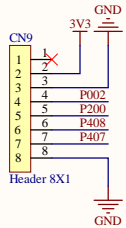
MEMS



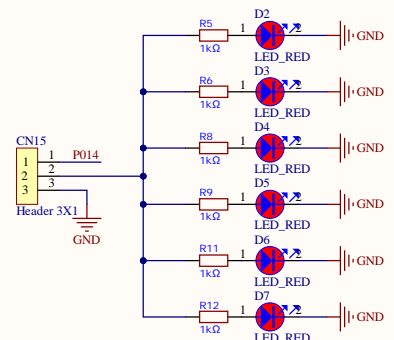
LPS22DF



TUYA

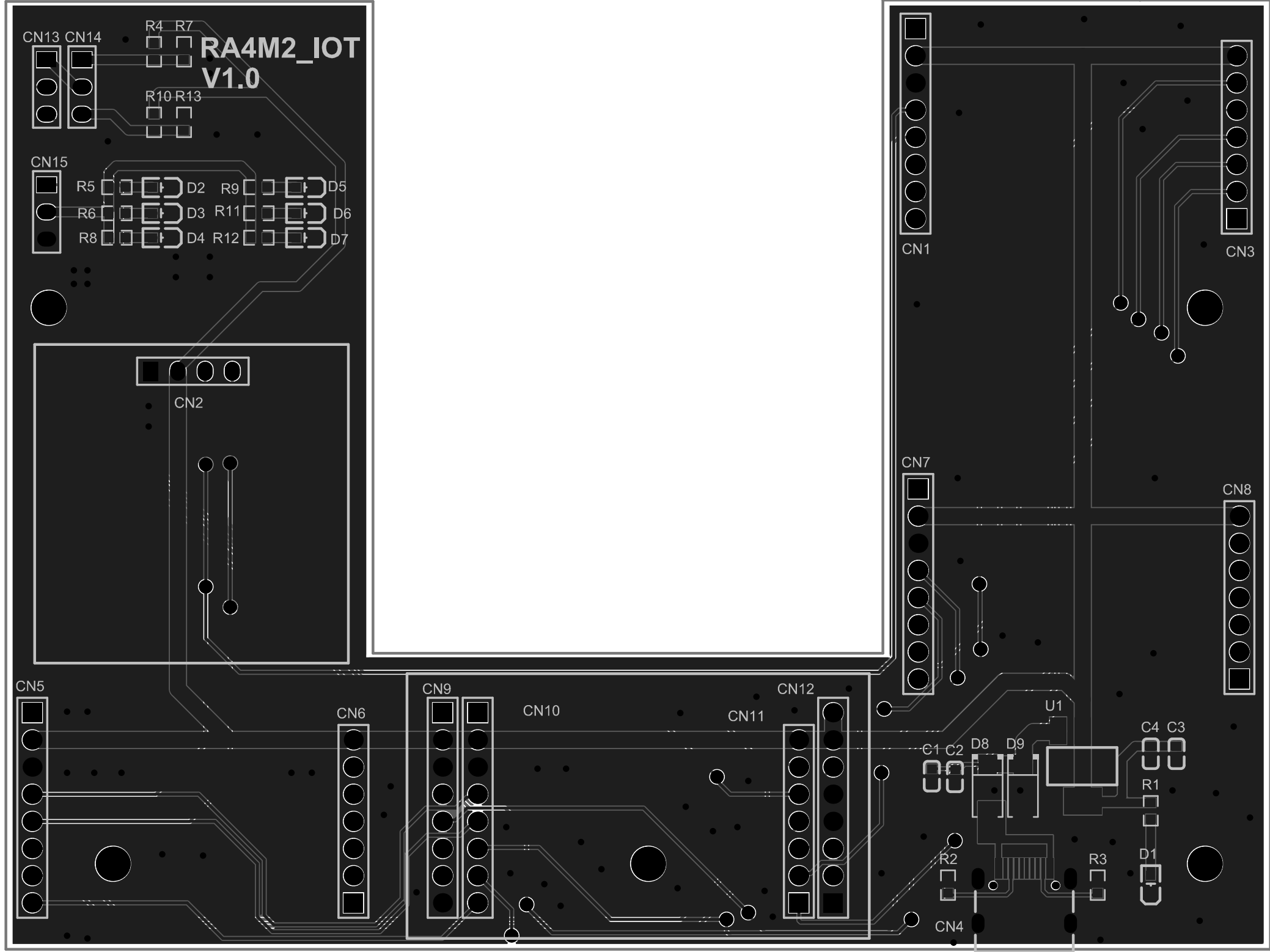


ADC



DAC

Title		
Size	Number	Revision
A3		
Date:	5/21/2025	Sheet of
File:	D:\RA4M2_IOT\Sheet1.SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
0.1uF	CAP	C1, C3	C0603	CAP	2
10uF	CAP	C2, C4	C0603	CAP	2
Header 8X1	Header 8X1	CN1, CN5, CN7, CN9, CN10, CN12	1X8PIN	Header 8X1	6
Header 4X1	Header 4X1	CN2	1X4PIN	Header 4X1	1
Header 7X1	Header 7X1	CN3, CN6, CN8, CN11	1X7PIN	Header 7X1	4
TYPE-C	TYPE-C	CN4	TYPE-C-16P	TYPE-C	1
Header 3X1	Header 3X1	CN13, CN14, CN15	1X3PIN	Header 3X1	3
LED_RED	LED_RED	D1, D2, D3, D4, D5, D6, D7	LED-RED	LED_RED	7
SS34	SS34	D8, D9	SMA_L4.4-W2.6	SS34	2
1k $\Omega$	Res	R1, R5, R6, R8, R9, R11, R12	R0603	Res	7
5.1k $\Omega$	Res	R2, R3	R0603	Res	2
10k $\Omega$	Res	R4, R7, R13	R0603	Res	3
20k $\Omega$	Res	R10	R0603	Res	1
LDO_3V3	LDO_3V3	U1	SOT223	LDO_3V3	1