

A

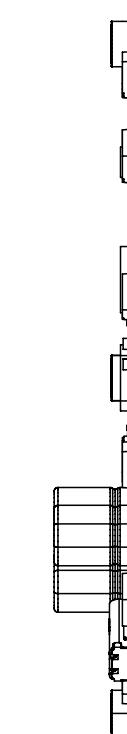
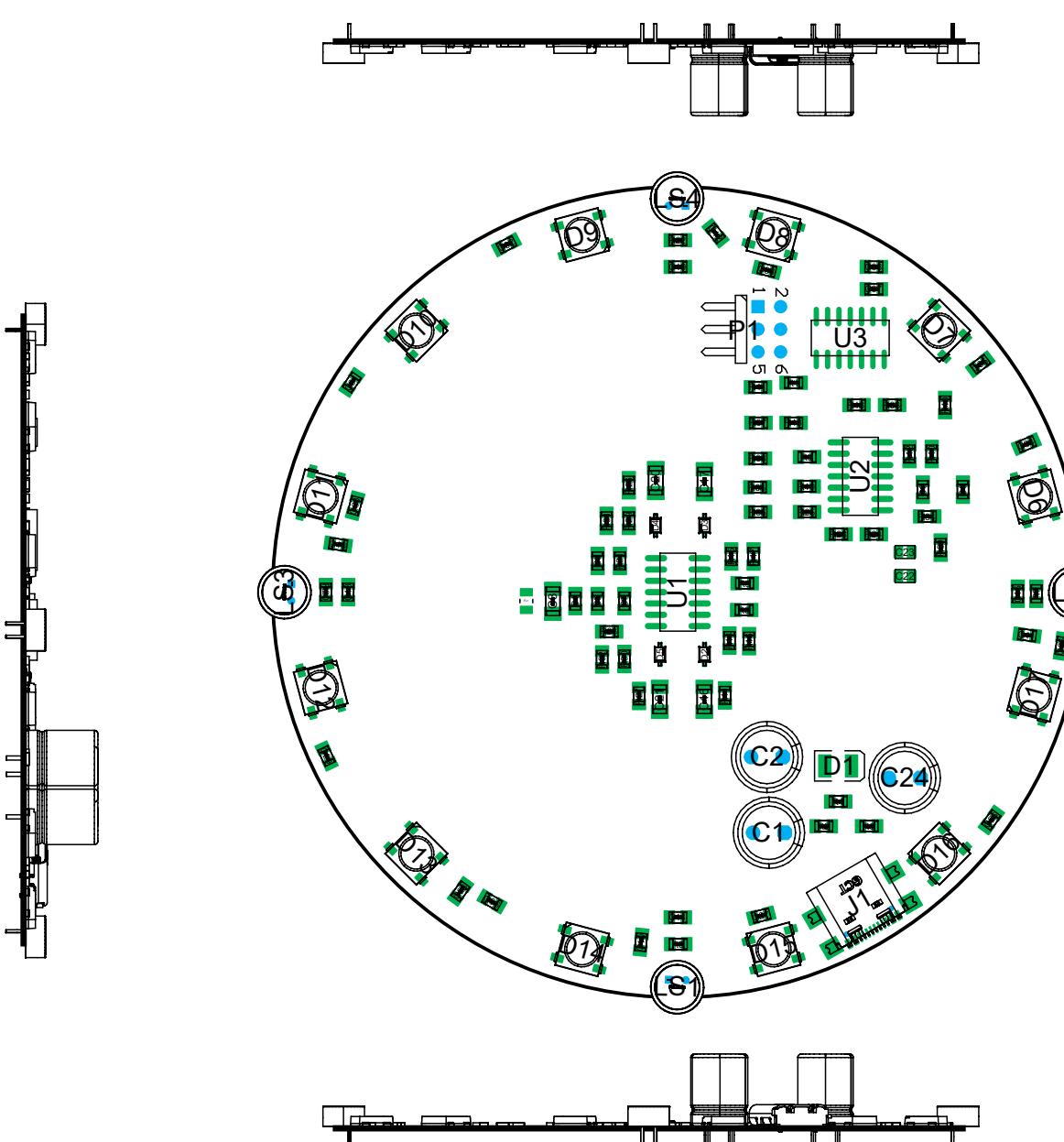
B

C

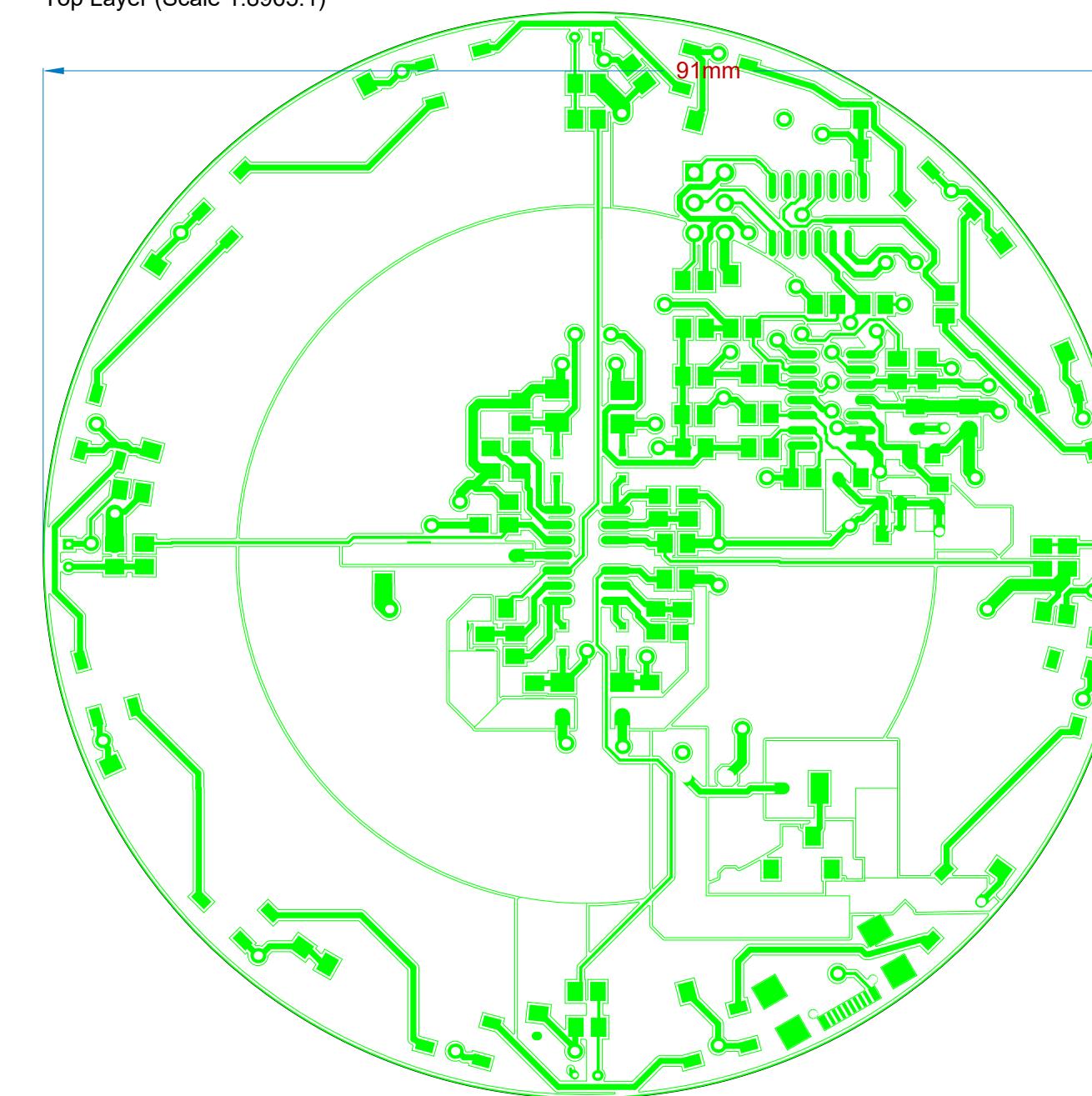
D

E

F



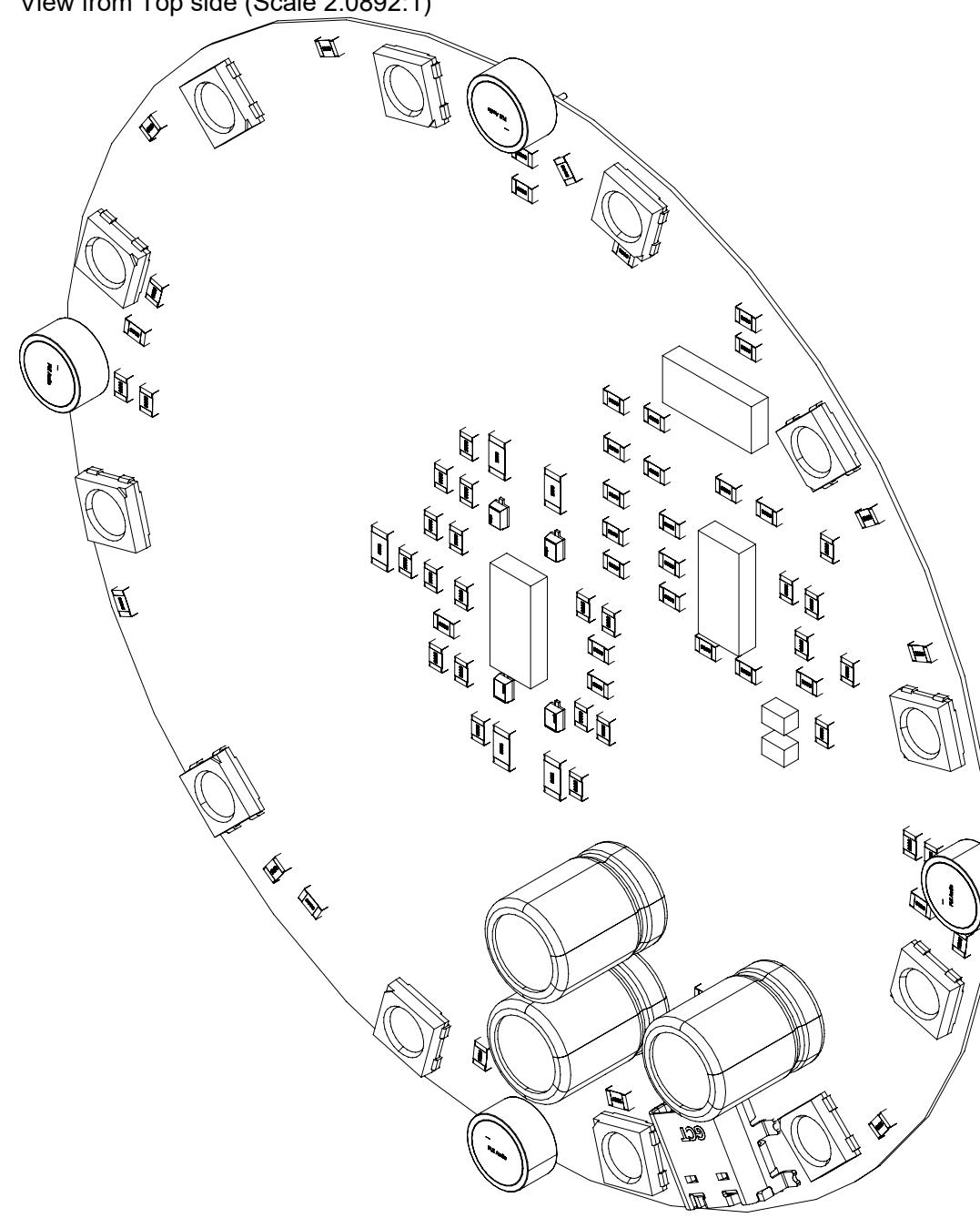
Top Layer (Scale 1.8965:1)



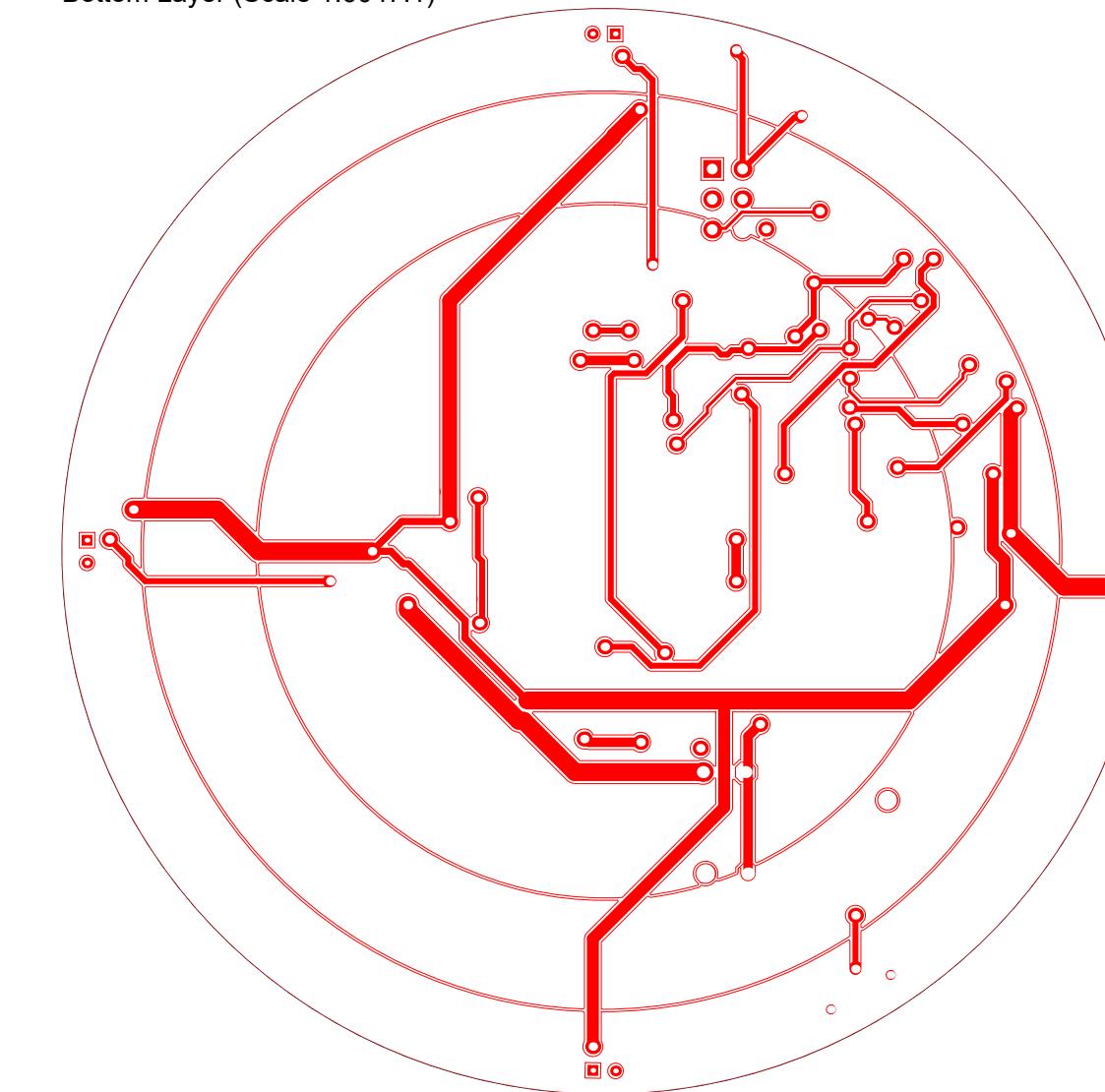
## Bill Of Materials

Line #	Designator	Comment	Quantity
1	C1, C24	470u	2
2	C2	200u	1
3	C3, C16, C17, C20, C21	10u	5
4	C4	4u7	1
5	C5, C7, C9, C10, C11, C12, C13, C14, C15, C18, C19, C25, C26, C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37	100n	24
6	C6, C8, C38	1u	3
7	C22	Cap Semi	1
8	C23	Cap Semi	1
9	D1	LED3	1
10	D2, D3, D4, D5	BAT54J,115	4
11	D6, D7, D8, D9, D10, D11, D12, D13, D14, D15, D16, D17	ADA1655	12
12	FL1	BLM21BD272SN1L	1
13	J1	USB4110-GF-A	1
14	LS1, LS2, LS3, LS4	POM-2738P-R	4
15	P1	Header 3X2H	1
16	R1	0	1
17	R2, R3	5K1	2
18	R4, R9, R11, R12, R13, R16, R17, R19, R25, R26, R27, R31, R32, R33	10k	14
19	R5, R7, R20, R22	2k2	4
20	R6, R8, R21, R23, R41	200k	5
21	R10, R18, R24, R28	330k	4
22	R14, R15, R29, R30	220k	4
23	R34, R39, R40	100k	3
24	R35, R36, R37, R38	40k	4
25	U1, U2	MCP6004T-E/SL	2
26	U3	ATTiny24A-SSU	1

View from Top side (Scale 2.0892:1)



Bottom Layer (Scale 1.6047:1)



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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE	
		DIMENSIONS ARE IN INCHES	DRAWN	2/13/2026			
		TOLERANCES:	CHECKED				
		FRACTIONAL:	ENG APPR.				
		ANGULAR: MACH $\pm$ , BEND $\pm$	MFG APPR.				
		TWO PLACE DECIMAL $\pm$	Q.A.				
		THREE PLACE DECIMAL $\pm$	MATERIAL	COMMENTS:			
			NEXT ASSY	USED ON	SIZE DWG NO.		
			FINISH				
			APPLICATION	DO NOT SCALE DRAWING			
					SCALE: 1:1	WEIGHT:	SHEET 1 OF 1