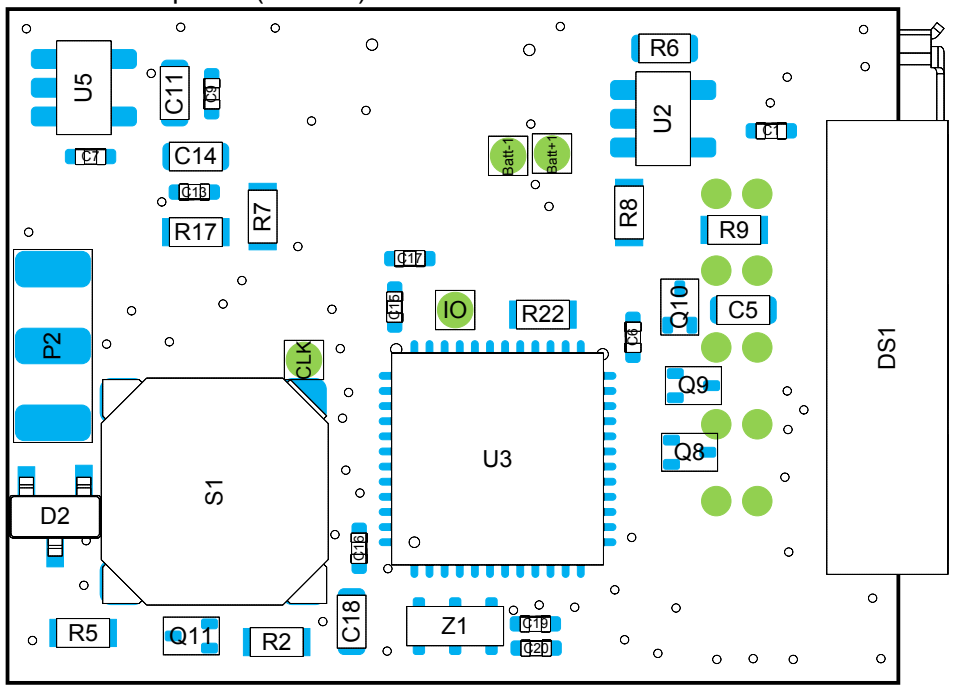
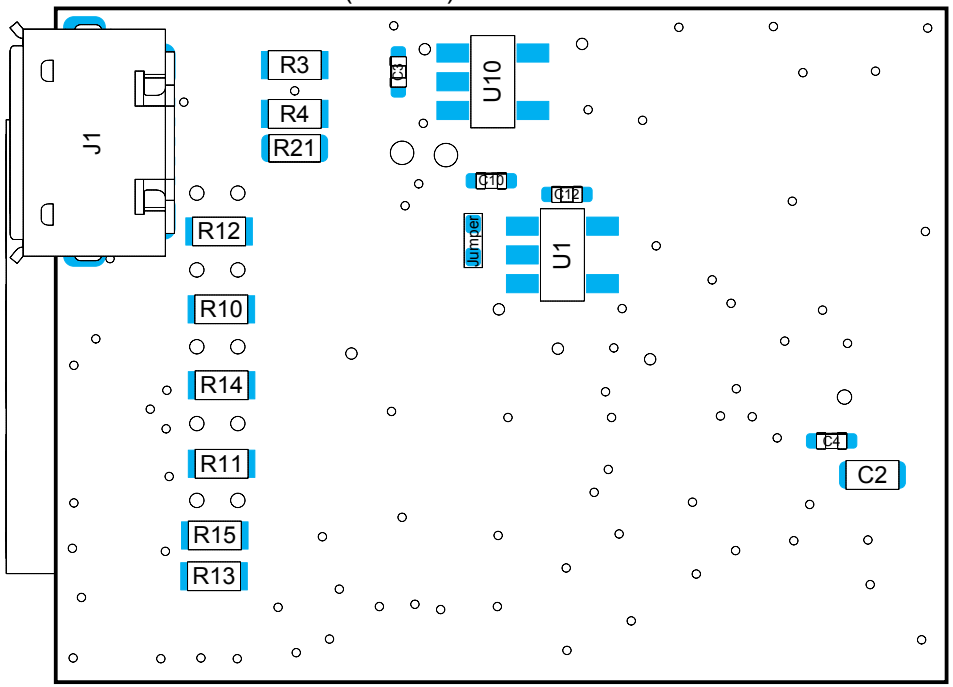
View from Top side (Scale 4)



View from Bottom side (Scale 4)



Bill Of Materials

Item	Designator	Comment	Quantity	Order
1	C1, C10, C12, C19	1uF	4	CC0402KRX5R5BB105
2	C2, C5, C11, C14, C18	10uF	5	GRM188R60J106ME47D
3	C3, C4, C6, C7, C9, C13, C15-C17, C20	100nF	10	0402ZD104KAT2A
4	D2	BAR43C	1	BAR43C
5	DS1	FYT-2531BUHR-12	1	FYT-2531BUHR-12
6	J1	Micro-USB	1	Molex 47346-0001
7	Q11	RUM002N05T2L	1	RUM002N05T2L
8	Q8-Q10	RZM002P02T2L	3	RZM002P02T2L
9	R2, R6, R8, R17, R22	10k	5	RC0603FR-1010KL
10	R3-R5, R21	22R	4	RC0603JR-122RL
11	R7	22R	1	CR0603-JW-220GLF
12	R9-R15	270R	7	RC0603JR-07270RL
13	S1	CMT-7525S-SMT	1	CMT-7525S-SMT
14	U1	LP5907MFX-3.0	1	LP5907MFX-3.0
15	U10	TPS78330DDCR	1	TPS78330DDCR
16	U2	MCP73831T-2ACI/OT	1	MCP73831T-2ACI/OT
17	U3	STM32L152CBU6	1	STM32L152CBU6
18	U5	LMV7239M5	1	LMV7239M5
19	Z1	8MHZ_cap	1	CSTCE8M00G55-R0