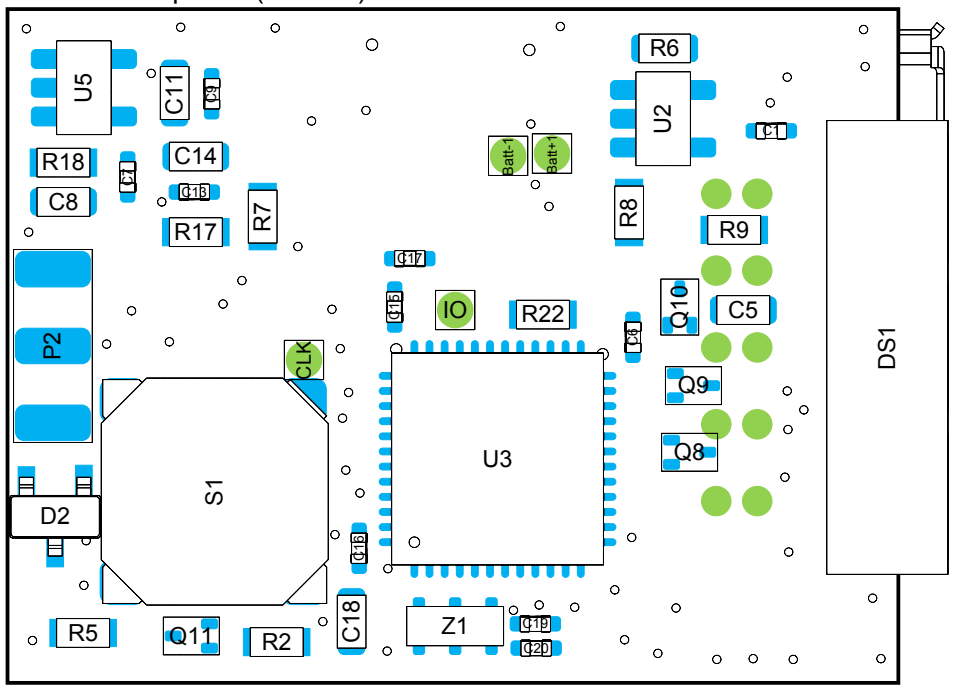
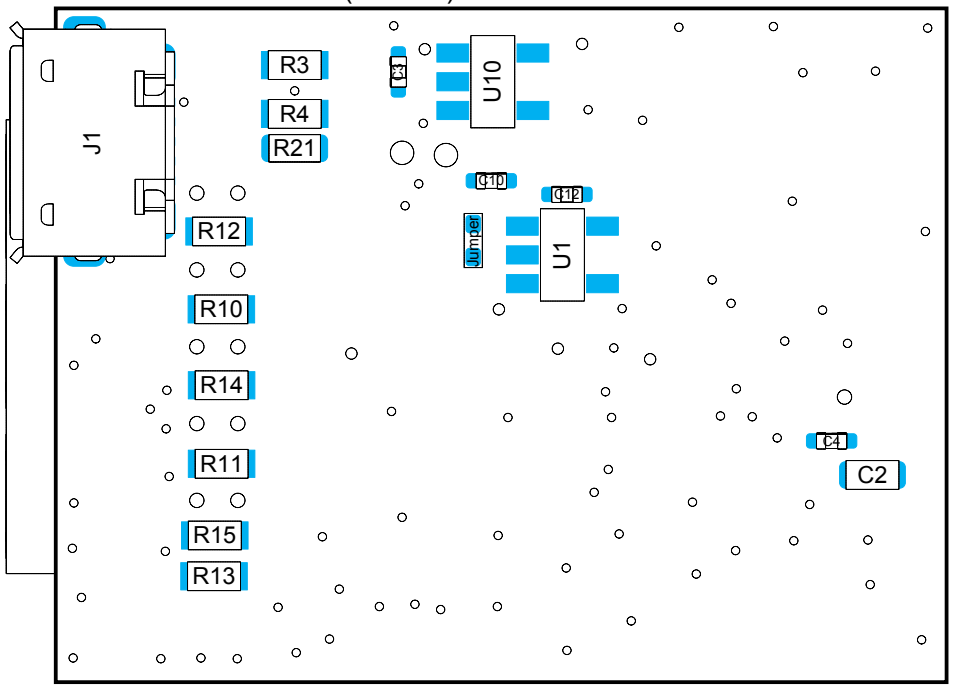
View from Top side (Scale 4)



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	C8	820pF	1	CC0603JRNPO9BN821
5	D2	BAR43C	1	BAR43C
6	DS1	FYT-2531BUHR-12	1	FYT-2531BUHR-12
7	J1	Micro-USB	1	Molex 47346-0001
8	Q11	RUM002N05T2L	1	RUM002N05T2L
9	Q8-Q10	RZM002P02T2L	3	RZM002P02T2L
10	R18	1k	1	RC0603FR-101KL
11	R2, R8, R17, R22	10k	4	RC0603FR-1010KL
12	R3-R5, R7, R21	22R	5	RC0603JR-122RL
13	R6	30.1K	1	RC0603FR-0730K1L
14	R9-R15	270R	7	RC0603JR-07270RL
15	S1	CMT-7525S-SMT	1	CMT-7525S-SMT
16	U1	LP5907MFX-3.0	1	LP5907MFX-3.0
17	U10	TPS78330DDCR	1	TPS78330DDCR
18	U2	MCP73831T-2ACI/OT	1	MCP73831T-2ACI/OT
19	U3	STM32L152CBU6	1	STM32L152CBU6
20	U5	LMV7239M5	1	LMV7239M5
21	Z1	8MHZ_cap	1	CSTCE8M00G55-R0