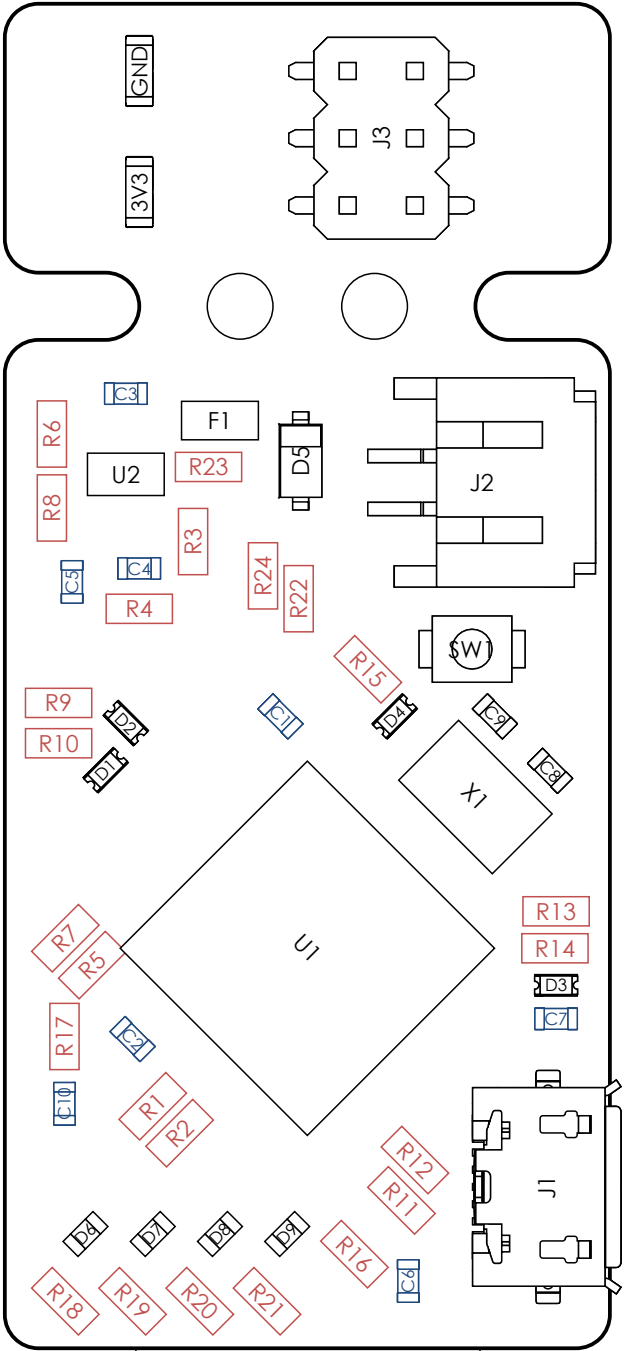


View from Top side (Scale 3.5)



Bill Of Materials

Designator	Quantity	Value	DigiKey Part #
3V3, GND	4	-	5015KCT-ND
B1	2	Yellow	B000NOGLY2
C1-C3, C6, C10	10		587-1251-1-ND
C4	2		587-1441-1-ND
C5	2		399-1092-1-ND
C7	2		478-1251-1-ND
C8, C9	4	8pF	478-3697-1-ND
D1, D2, D6-D9	12	Orange	160-1434-1-ND
D3, D4	4	Blue	475-2816-1-ND
D5	2		MBR0520LCT-ND
F1	2	-	MFU0805.50DKR-ND
J1	2		H125279CT-ND
J2	2	Natural	455-1749-1-ND
J3	2	Black	WM17449-ND
L1	2		
R1, R6, R8	6	47k	541-47.0KHCT-ND
R11, R12, R22-R24	10	22	541-22.0HCT-ND
R16	2	22k	541-22.0KHCT-ND
R2, R13	4	10k	541-10.0KHCT-ND
R3-R5, R7, R17	10	0	541-0.0GCT-ND
R9, R10, R14, R15, R18-R21	16	330	541-330HCT-ND
SW1	2		SW1020CT-ND
U1	2		ATMEGA32U4-AURCT-ND
U2	2		CAT6219-330TDGT3CT-ND
U3	2		1479-1002-1-ND
X1	2		644-1132-1-ND