Bill Of Materials

Line #	Designator	Comment	Quantity	Value
1	C1, C2	Cap	2	18pF
2	C3, C9, C18, C29, C33	Cap	5	1uF
3	C4, C7, C8, C10, C13, C14, C15, C19, C21, C23, C24, C25, C28, C32	Cap	14	0.1uF
4	C5	Cap	1	10nF
5	C6	Cap	1	3.3nF
6	C11, C26, C27	Cap	3	10uF
7	C16, C17	Cap	2	270pF
8	C22	Cap	1	2.2nF
9	C30	Cap	1	10pF
10	C31	Cap	1	7pF
11	D1, D2	Diode 10TQ035	2	
12	E1	Antenna	1	
13	J	USB	1	
14	L1	Inductor	1	1nH
15	LDO1.8	TS9011DCX_RFG	1	
16	MPU	ESP32-D0WDQ6	1	
17	P1	Header 2H	1	
18	R1, R10	Res3	2	20K
19	R2, R11, R12	Res3	3	4.7K
20	R3, R4, R7, R8	Res3	4	4.7k
21	R9, R20, R21	Res3	3	0
22	R13	Res3	1	500
23	R14, R15, R16, R17, R18, R19	Res3	6	10k
24	S1, S2	SW-SPST	2	
25	U	W25Q32JVSSIQ	1	
26	U2	MPU-6050	1	
27	U3	MAX30102EFD+	1	
28	U5	AMS1117-3.3	1	
29	U10	CH340E	1	
30	Y-40MHz	ABM8-40.000MHZ-10-1-U-T	1	

View from Top side (Scale 2.5:1)
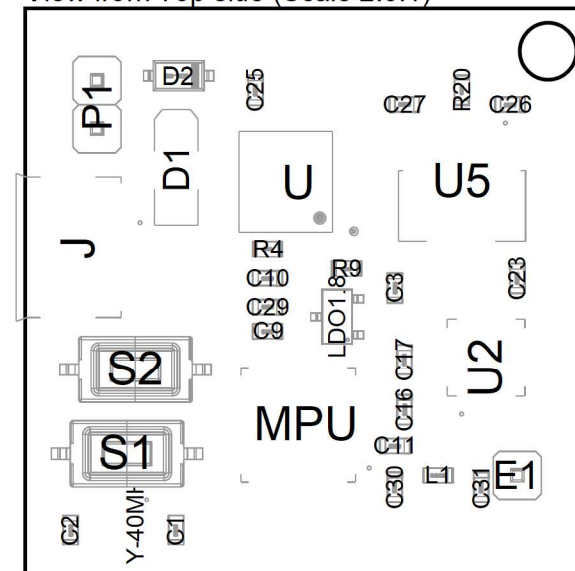
View from Bottom side (Scale 2.5:1)