

A

B

C

D

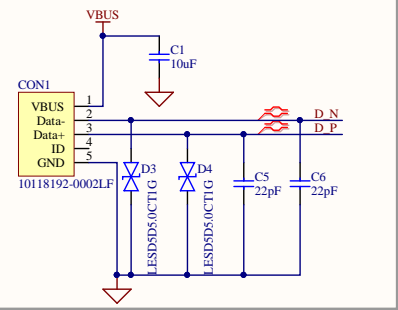
A

B

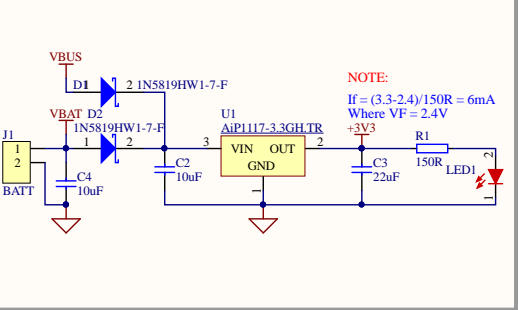
C

D

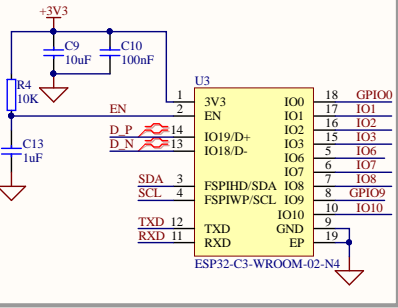
### USB CONNECTOER



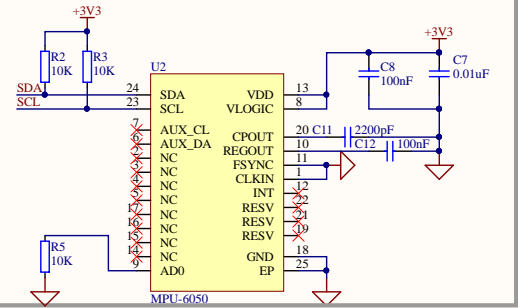
### 3V3 REGULATOR



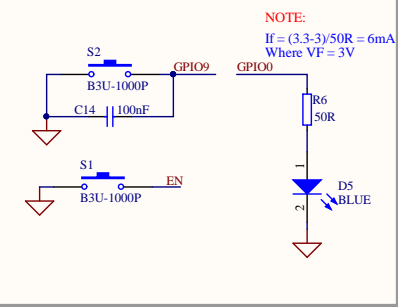
### MCU ESP32-C3



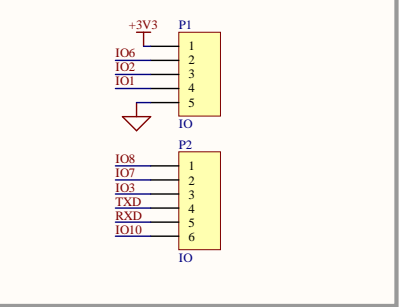
### ACCELEROMETER



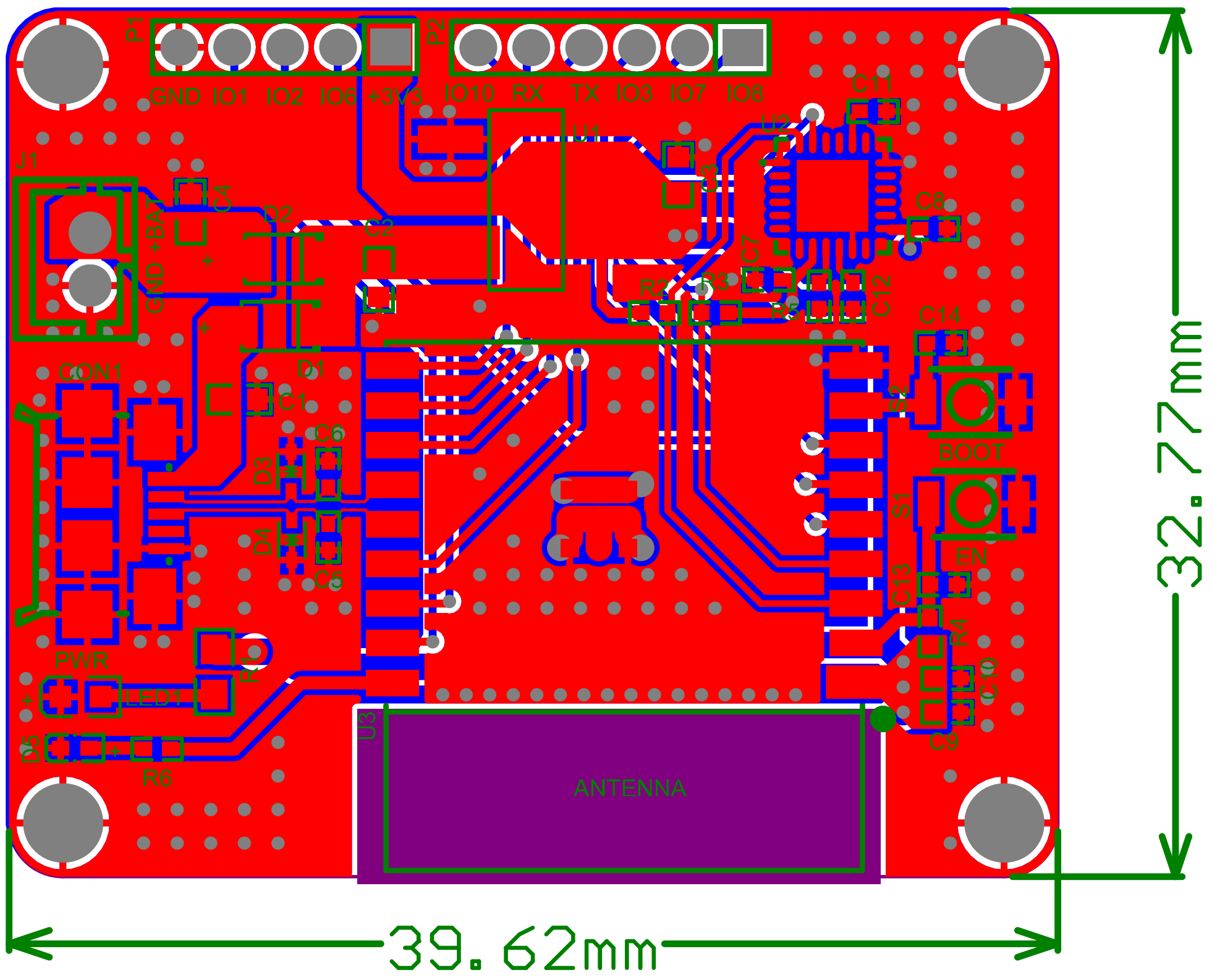
### BUTTON & LED



### CONNECTORS



Title		
Size	Number	Revision
A3		
Date:	25/11/2023	Sheet of
File:	E:\Out Source\...\ESP32 Accelerometer.Sch	Drawn By:



Comment	Designator	Footprint	LCSC Part Number
1011819 2-0002LF	CON1	CONN_USB- B-MICRO- SMD- 10118192- 0002LF	C2972784
LESD5D5 .OCT1G	D3, D4	SOD-523	C383211
3.3GH.T	U1	SOT-223	C2943304
MPU- 6050	U2	QFN- 24_4x4mm	C24112
ESP32- C3- WROOM- 02-N4	U3	ESP32-C3- WROOM-02- N4-4MB	C2934560
BATT	J1	CONN- TH_B2B-PH- K-S	C131337
10uF	C1, C2, C4, C9	CAPC1608X0 6L, CAPC1005X0 4L	C18800, C2992625
22uF	C3	CAPC1608X0 6L	C84419
22pF	C5, C6	CAPC1005X0 4L	C696857
0.01uF	C7	CAPC1005X0 4L	C267411
100nF	C8, C10, C12, C14	CAPC1005X0 4L	C513772
2200pF	C11	CAPC1005X0 4L	C267411
1uF	C13	CAPC1005X0 4L	C2992625
IO	P1	CONN_HEAD ER_5P_2mm	C541859
IO	P2	CONN_HEAD ER_6P_2mm	C917593
RED	LED1	LED_SMD- 0603	C125099
150R	R1	RESC1608X0 6N	C778412
10K	R2, R3, R4, R5	RESC1005X0 4L_C	C328298
50R	R6	RESC1005X0 4L_C	C853312
1N5819H W1-7-F	D1, D2	SOD-123FL	C117948
B3U- 1000P	S1, S2	BUTTON- SMD- 2.3x3mm_2P _B3U-1000P	C231329
BLUE	D5	LED_SMD_0 402-BLUE	C2844007