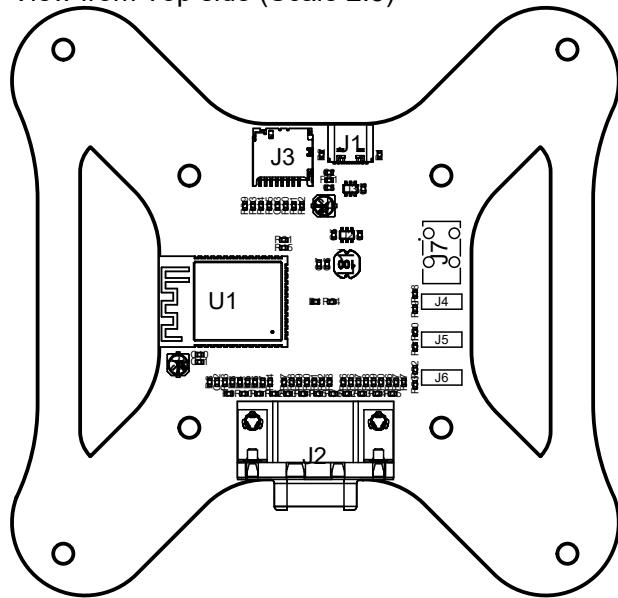
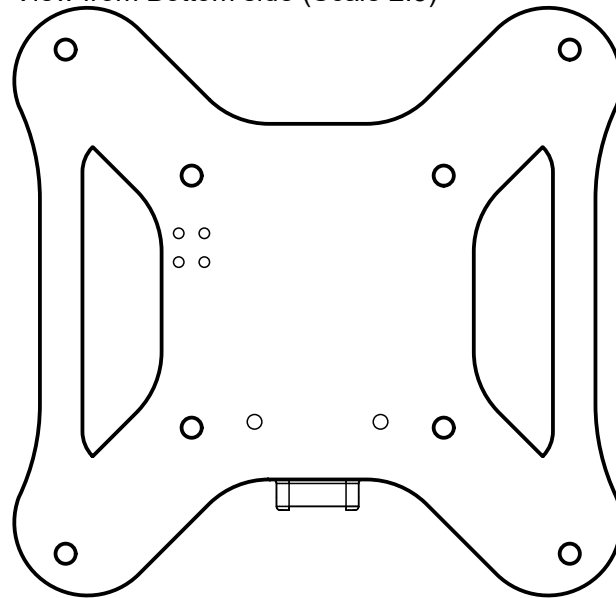


View from Top side (Scale 2:3)



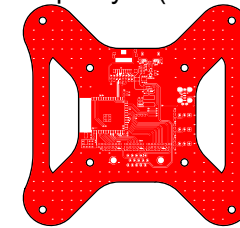
View from Bottom side (Scale 2:3)



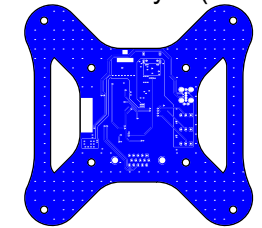
View from Left side (Scale 2:3)



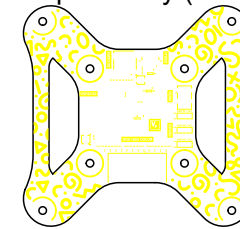
Top Layer (Scale 1:4)



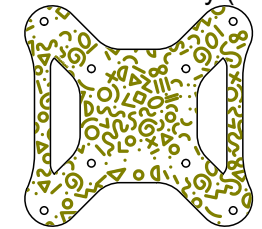
Bottom Layer (Scale 1:4)



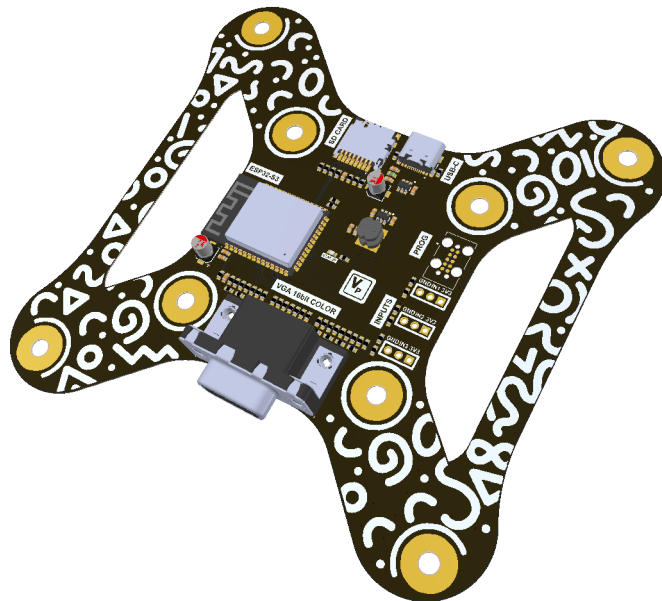
Top Overlay (Scale 1:4)



Bottom Overlay (Scale 1:4)



Realistic View



Bill Of Materials

Line #	Designator	Name	Quantity
	C2	10nF 100V	1
	C5, C6, C7, C10	22uF 6V3	4
	D1	QBLP601-IW	1
	FB1	33R 100MHz	1
	J1	USB4105-GF-A	1
	J2	ICD15S13E4GX00LF	1
	J3	DM3D-SF	1
	L1	3.9uH/3.6A	1
	R1, R2	5K1 1%	2
	R3, R4, R5, R6, R7, R13, R16, R17, R18, R19, R20, R26, R27, R28, R29, R30, R31, R32, R37, R47, R54	300R 1%	21
	R9, R10, R11, R12, R14, R22, R23, R24, R25, R33, R34, R35, R36, R38, R46	150R 1%	15
	U1	ESP32-S3-WROOM-1-N16R8	1
	U2	AP63203WU-7	1
	U3	USBLC6-2SC6	1
	C4, C9	47uF 20V	2
	R8, R15, R21, R39, R40, R41, R42, R43, R44, R45, R48, R49, R50, R51, R52, R53	10K 1%	16
	C1, C3, C8, C11, C12, C13	100nF 50V	6