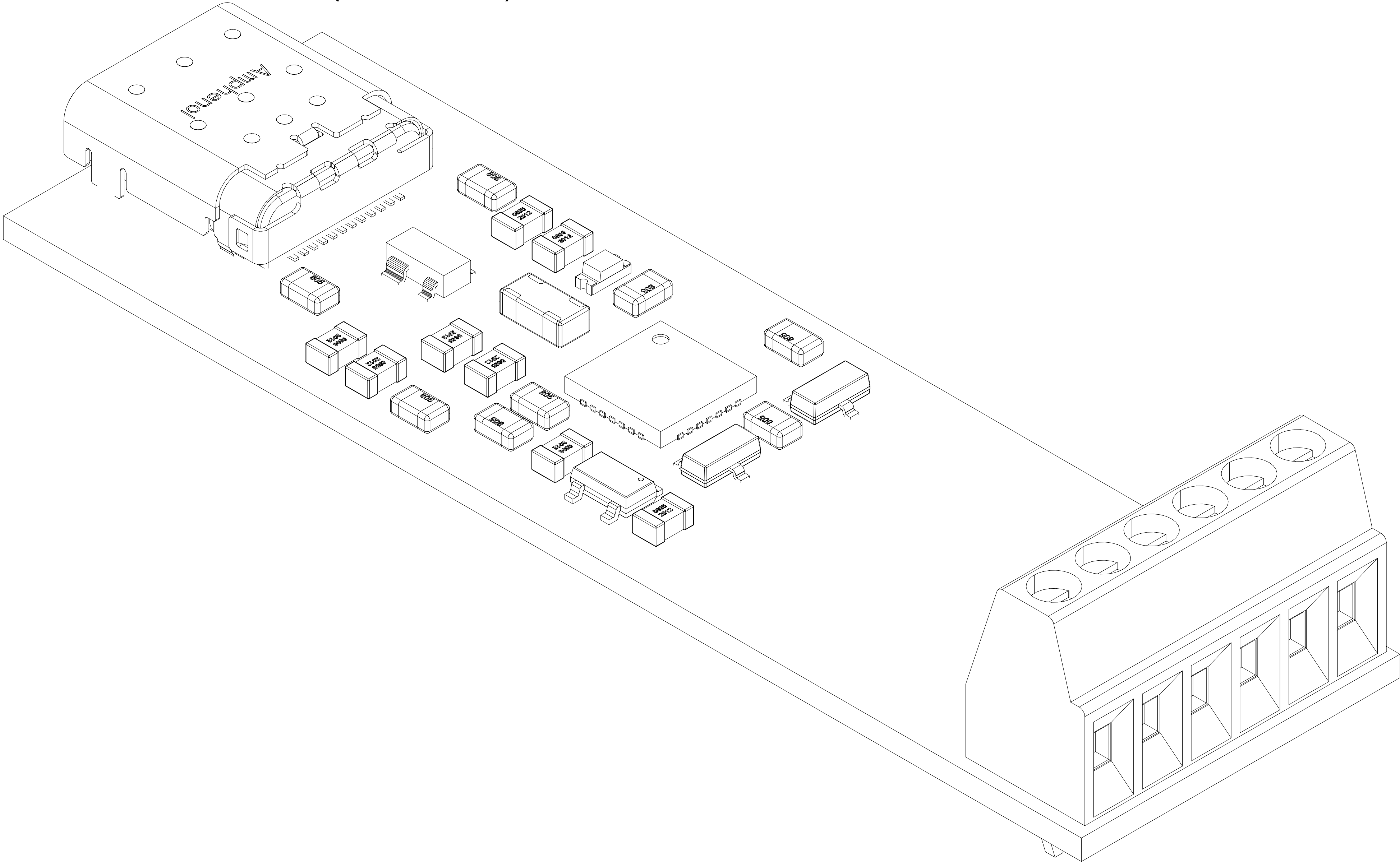




View from Front side (Scale 10:1)



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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	EPB DESENVOLVIMENTO ME				
		DIMENSIONS ARE IN INCHES		DRAWN	Euzébio	2025-08-25	TITLE  DONGLE01			
		TOLERANCES:		CHECKED	Euzébio					
		FRACTIONAL ±		ENG APPR.	Euzébio					
		ANGULAR: MACH± BEND ±		MFG APPR.						
		TWO PLACE DECIMAL ±		Q.A.						
		THREE PLACE DECIMAL ±		COMMENTS:			SIZE DWG. NO.			
		INTERPRET GEOMETRIC TOLERANCING PER:								
		MATERIAL								
		FINISH								
NEXT ASSY	USED ON	DO NOT SCALE DRAWING								
APPLICATION			SCALE: 1:1		WEIGHT:		SHEET 2 OF 6			

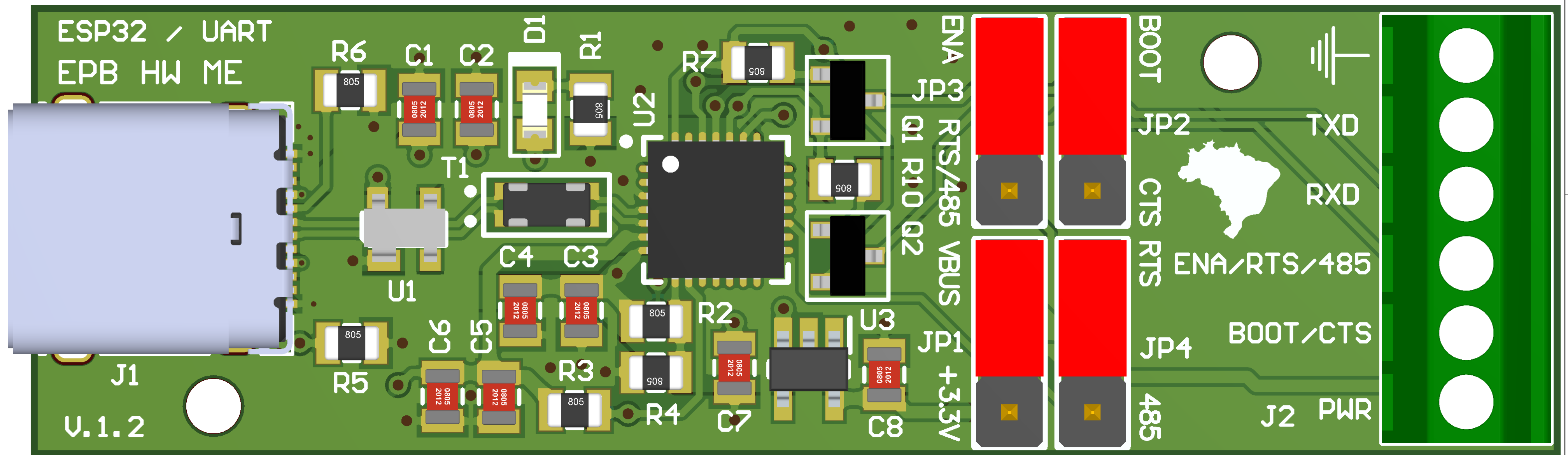


## Bill Of Materials

Line #	Designator	Comment	Quantity	Manufacturer	Manufacturer P/N
1	C1, C2	47uF	2	Murata Electronics	GRM21BR61A476ME15L
2	C3, C5	4.7uF	2	TDK Corporation	C2012X7R1H475K125AC
3	C4, C6	0.1uF	2	Murata Electronics	GCM21B7R2A104KA37L
4	C7	1uF	1	KEMET	C0805C105J4RAC7800
5	C8	2.2uF	1	KEMET	C0805C225J4REC7800
6	D1	Blue Led 0805	1	Würth Elektronik	150080BS75000
7	J1	12401598E4#2A	1	Amphenol ICC	12401598E4#2A
8	J2	MPT 0.5/ 6-2.54	1	Phoenix Contact	1725698
9	JS1, JS2, JS3, JS4	Jumper 0.1" 1x2 Black	4	Sullins Connector Solutions	NPC02SXON-RC
10	Q1, Q2	BSS64LT1G	2	onsemi	BSS64LT1G
11	R1	180R	1	Stackpole Electronics Inc	RNCP0805FTD180R
12	R2	21K	1	YAGEO	RC0805FR-0721KL
13	R3	1K07	1	Vishay Dale	CRCW08051K07FKEA
14	R4	48K7	1	YAGEO	RC0805FR-0748K7L
15	R5, R6	5K1	2	YAGEO	RC0805FR-075K1L
16	R7, R10	10K	2	Stackpole Electronics Inc	RMCF0805FT10K0
17	T1	CMC 370MA 2LN 90OHM SMD AEC-Q200	1	Würth Elektronik	744232090
18	U1	USB ESD protection	1	Diodes Incorporated	DRTR5V0U2SR-7
19	U2	CP2102N-A02-GQFN28R	1	Silicon Labs	CP2102N-A02-GQFN28R
20	U3	3.3V 600mA PMIC	1	Richtek USA Inc.	RT9080-33GJ5

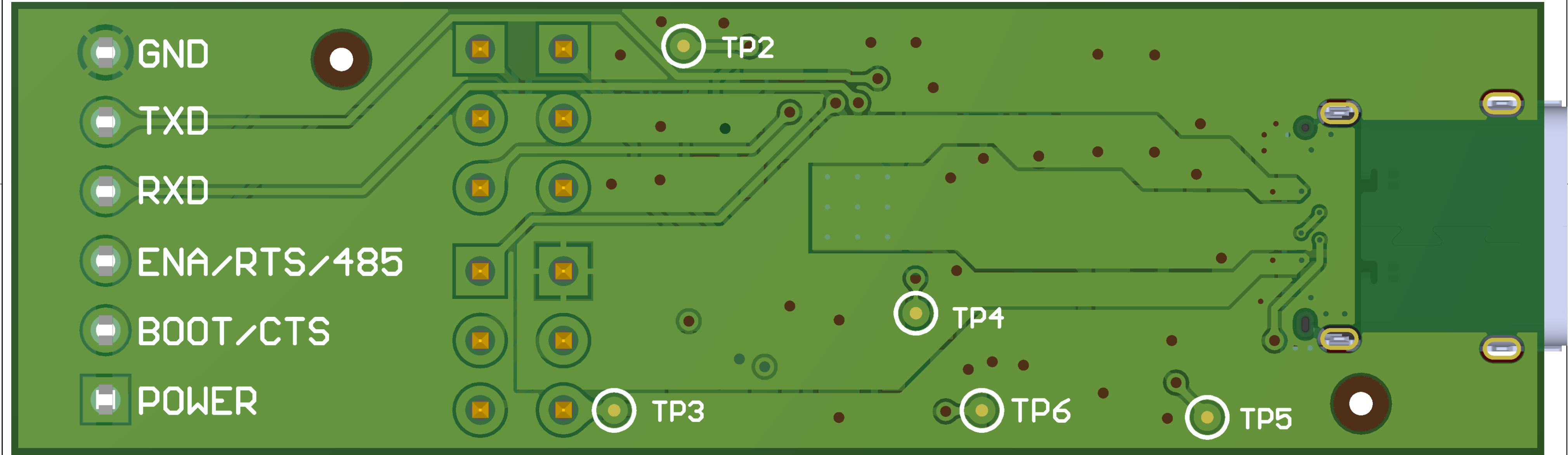
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			DIMENSIONS ARE IN INCHES	DRAWN	Euzébio	2025-08-25	TITLE  DONGLE01			
			TOLERANCES:	CHECKED	Euzébio					
			FRACTIONAL±	ENG APPR.	Euzébio					
			ANGULAR: MACH± BEND ±	MFG APPR.						
			TWO PLACE DECIMAL ±				SIZE DWG. NO.			
			THREE PLACE DECIMAL ±							
			INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.			COMMENTS:			
			MATERIAL							
			FINISH				SCALE: 1:1 WEIGHT: SHEET 4 OF 6			
	NEXT ASSY	USED ON								
	APPLICATION		DO NOT SCALE DRAWING							

# Realistic View



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			DIMENSIONS ARE IN INCHES TOLERANCES:	DRAWN	Euzébio	2025-08-25	TITLE  			

Realistic View



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				DIMENSIONS ARE IN INCHES	DRAWN	Euzébio	2025-08-25	TITLE	
				TOLERANCES:	CHECKED	Euzébio		DONGLE01	
				FRACTIONAL ±	ENG APPR.	Euzébio			
				ANGULAR: MACH ± BEND ±	MFG APPR.				
				TWO PLACE DECIMAL ±	Q.A.				
				THREE PLACE DECIMAL ±	COMMENTS:			SIZE	DWG. NO.
				INTERPRET GEOMETRIC TOLERANCING PER:					
				MATERIAL					
				FINISH					
		NEXT ASSY	USED ON	DO NOT SCALE DRAWING					
		APPLICATION						SCALE: 1:1	WEIGHT: SHEET 6 OF 6