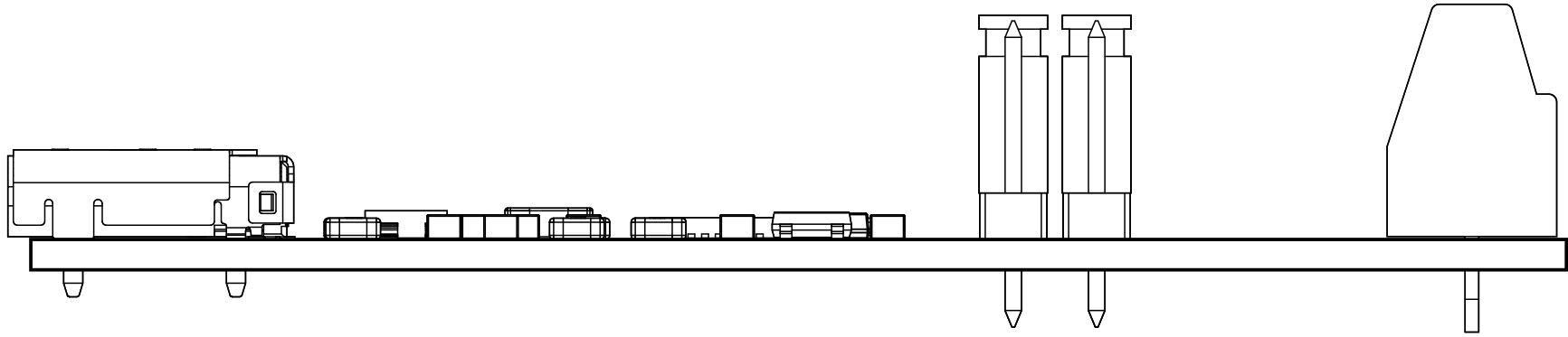
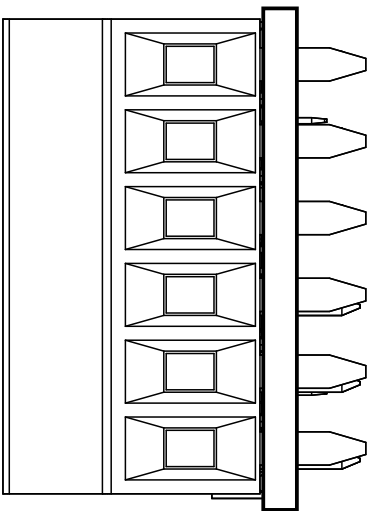
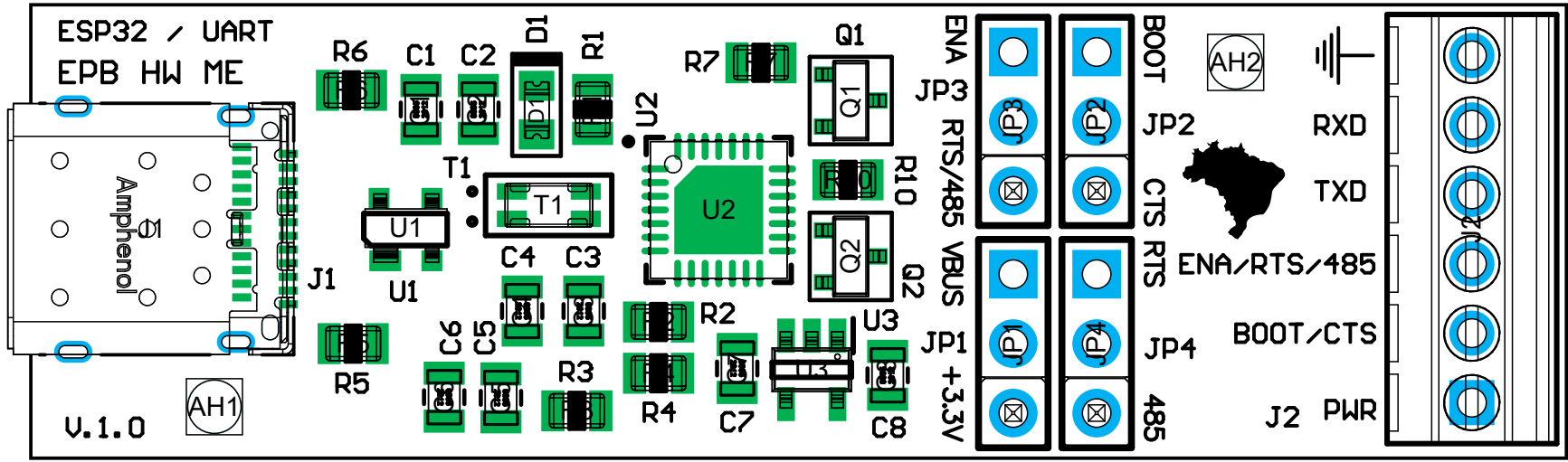
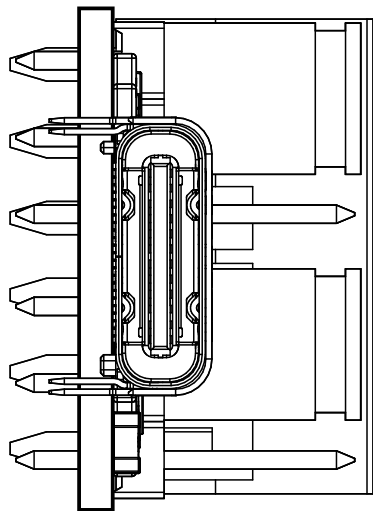
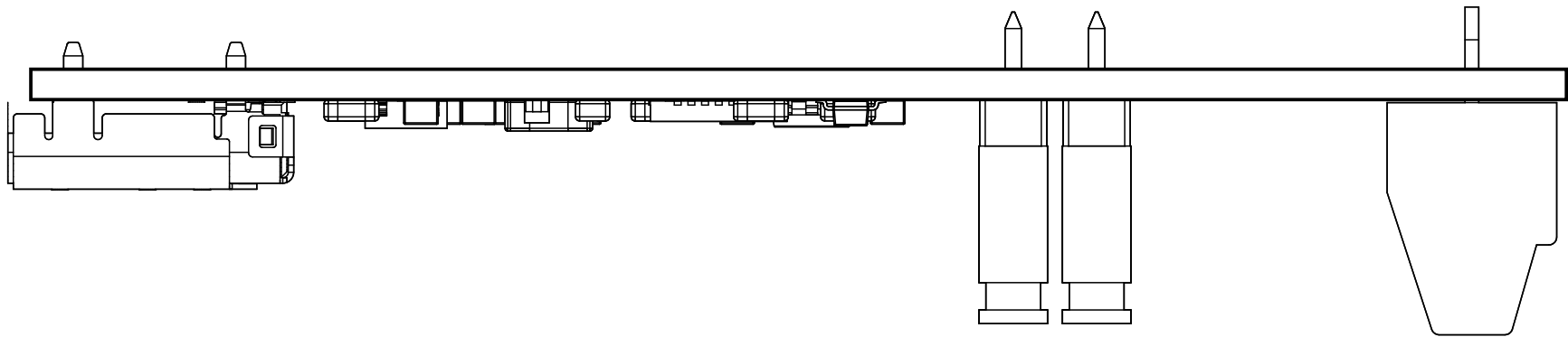


2024-11-26

16:24

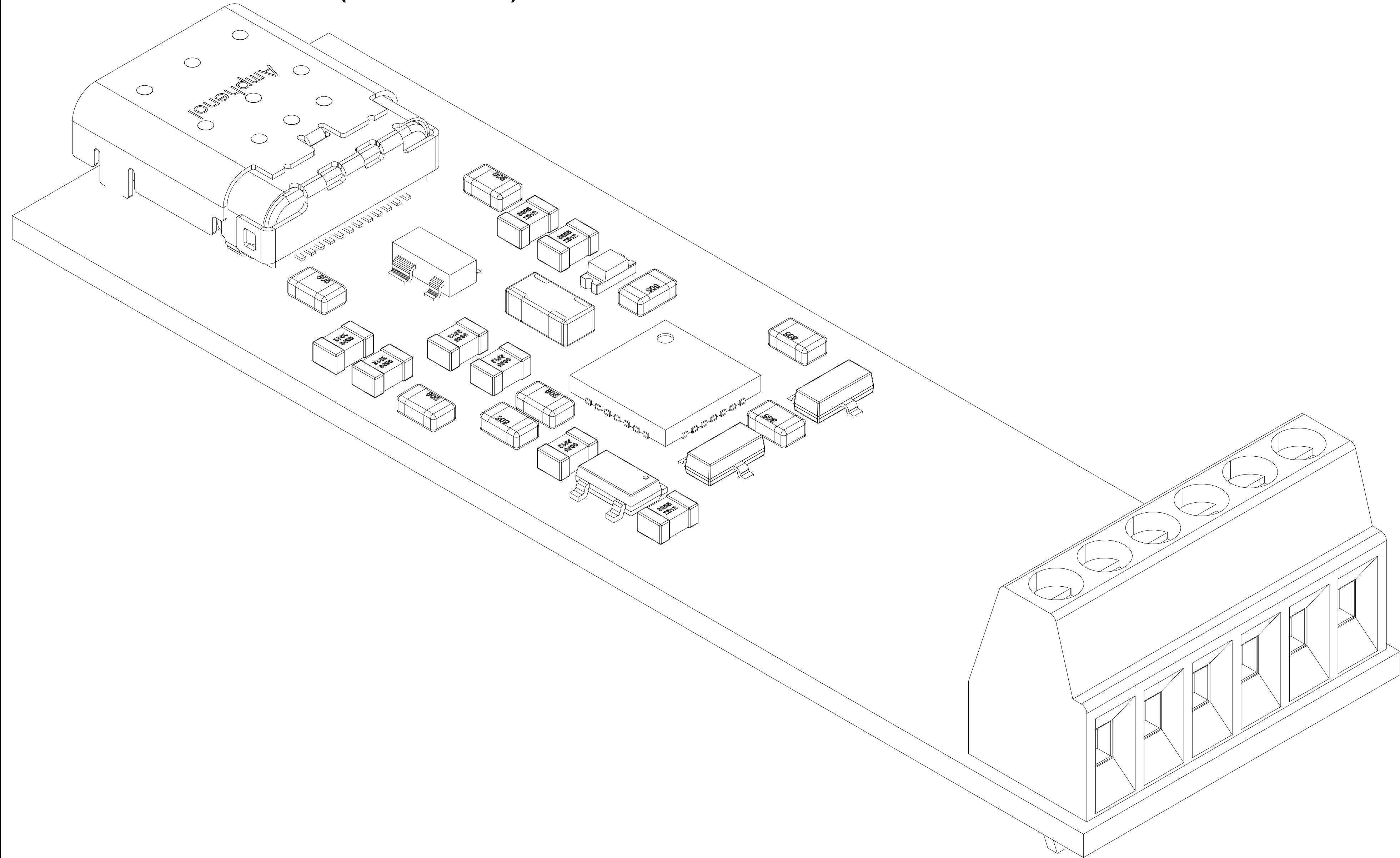


- Notes:
- 1 Cortar o excesso destes terminais caso houver.
  - 2. Text element with no border
  - 3 Text element with circle border

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF EPB DESENVOLVIMENTO ME. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PROPRIETARY AND CONFIDENTIAL

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	EPB DESENVOLVIMENTO ME	
		DIMENSIONS ARE IN INCHES		DRAWN	Euzébio	2024-11-26	TITLE
		TOLERANCES:		CHECKED	Euzébio		
		FRACTIONAL ±		ENG APPR.	Euzébio		
		ANGULAR: MACH ± BEND ±		MFG APPR.			
		TWO PLACE DECIMAL ±		Q.A.			DONGLE01
		THREE PLACE DECIMAL ±		COMMENTS:			
		INTERPRET GEOMETRIC TOLERANCING PER:					SIZE
		MATERIAL					DWG. NO.
		FINISH					
		DO NOT SCALE DRAWING					
		NEXT ASSY	USED ON				SCALE: 1:1
		APPLICATION					WEIGHT:
							SHEET 1 OF 6

View from Front side (Scale 10:1)



THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF EPB DESENVOLVIMENTO ME. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PROPRIETARY AND CONFIDENTIAL				UNLESS OTHERWISE SPECIFIED:		NAME	DATE	EPB DESENVOLVIMENTO ME		
				DIMENSIONS ARE IN INCHES		DRAWN	2024-11-26	TITLE		
				TOLERANCES:		CHECKED				
				FRACTIONAL ±		ENG APPR.				
				ANGULAR: MACH ± BEND ±		MFG APPR.				
				THREE PLACE DECIMAL ±		Q.A.		COMMENTS:		
				INTERPRET GEOMETRIC TOLERANCING PER:						
				MATERIAL				SIZE		DWG. NO.
		NEXT ASSY	USED ON	FINISH						
		APPLICATION		DO NOT SCALE DRAWING				SCALE:	1:1	WEIGHT:
								SHEET 2 OF 6		

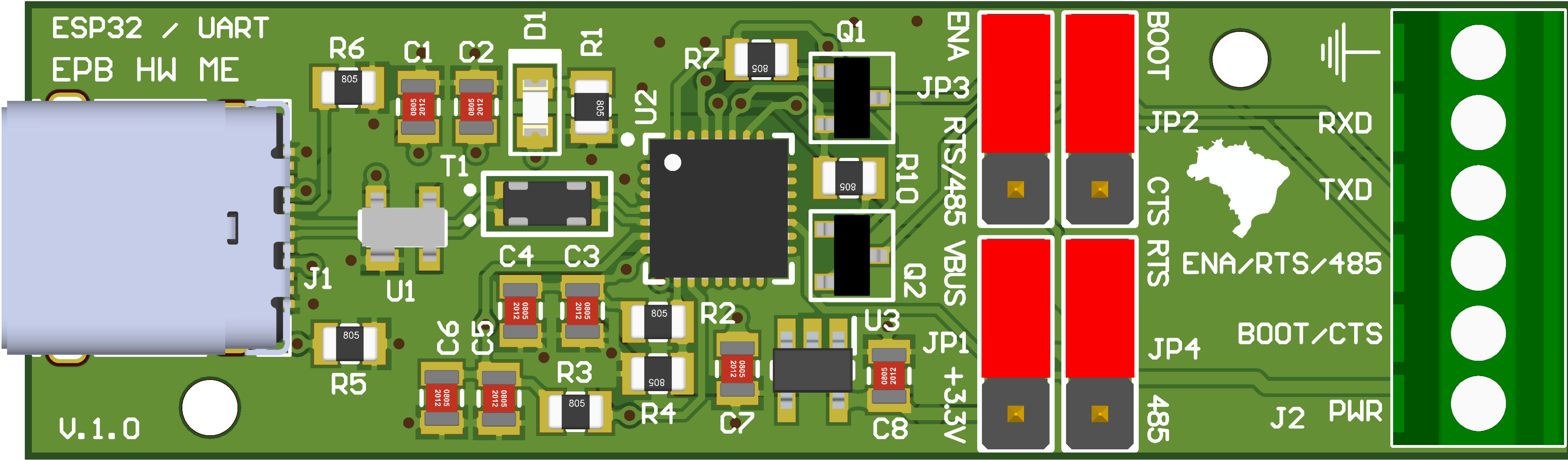


## Bill Of Materials

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	Jumper 0.1" 1x2 Black	3	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

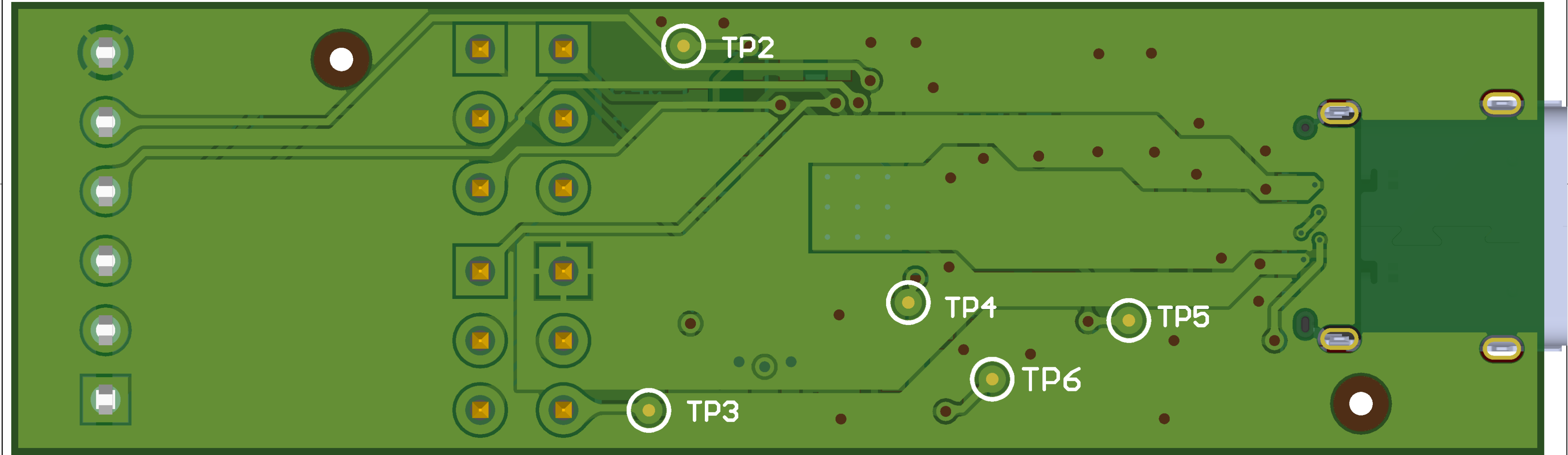
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF EPB DESENVOLVIMENTO ME. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PROPRIETARY AND CONFIDENTIAL			UNLESS OTHERWISE SPECIFIED:		NAME	DATE	EPB DESENVOLVIMENTO ME			
			DIMENSIONS ARE IN INCHES	DRAWN Euzébio 2024-11-26 CHECKED Euzébio ENG APPR. Euzébio MFG APPR. Q.A. COMMENTS:			TITLE  DONGLE01			
			TOLERANCES:							
			FRACTIONAL±							
			ANGULAR: MACH± BEND ±							
			TWO PLACE DECIMAL ±							
			THREE PLACE DECIMAL ±							
			INTERPRET GEOMETRIC TOLERANCING PER:							
			MATERIAL							
		NEXT ASSY	USED ON	FINISH				SIZE	DWG. NO.	
	APPLICATION		DO NOT SCALE DRAWING				SCALE:	1:1	WEIGHT:	SHEET 4 OF 6

Realistic View



THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF EPB DESENVOLVIMENTO ME. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PROPRIETARY AND CONFIDENTIAL				UNLESS OTHERWISE SPECIFIED:		NAME	DATE	EPB DESENVOLVIMENTO ME		
				DIMENSIONS ARE IN INCHES	DRAWN	Euzébio	2024-11-26	TITLE		
				TOLERANCES:	CHECKED	Euzébio				
				FRACTIONAL ±	ENG APPR.	Euzébio				
				ANGULAR: MACH ± BEND ±	MFG APPR.					
				TWO PLACE DECIMAL ±				COMMENTS:		
				THREE PLACE DECIMAL ±						
				INTERPRET GEOMETRIC TOLERANCING PER:				SIZE	DWG. NO.	
				MATERIAL						
				FINISH						
		NEXT ASSY	USED ON	DO NOT SCALE DRAWING						
		APPLICATION						SCALE: 1:1	WEIGHT:	SHEET 5 OF 6

Realistic View



THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF EPB DESENVOLVIMENTO ME. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PROPRIETARY AND CONFIDENTIAL			UNLESS OTHERWISE SPECIFIED:		NAME	DATE	EPB DESENVOLVIMENTO ME		
			DIMENSIONS ARE IN INCHES	DRAWN	Euzébio	2024-11-26	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.			SCALE:    1:1    WEIGHT:    SHEET 6 OF 6		
			MATERIAL	COMMENTS:					
		NEXT ASSY	USED ON	FINISH					
APPLICATION			DO NOT SCALE DRAWING						