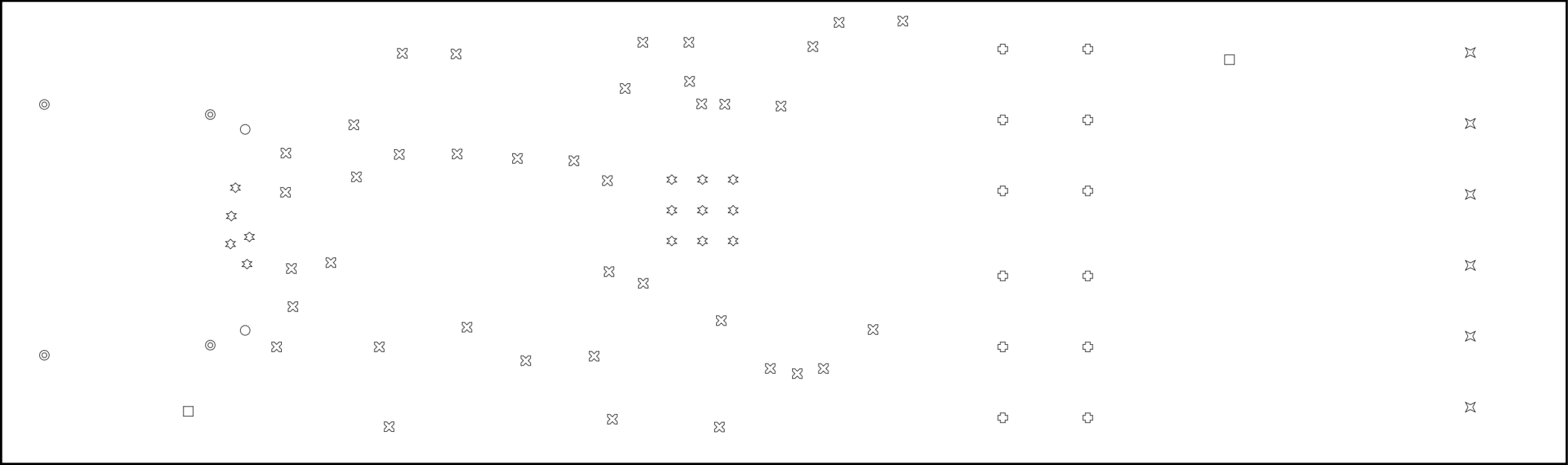


Mapa de Furação



Drill Table

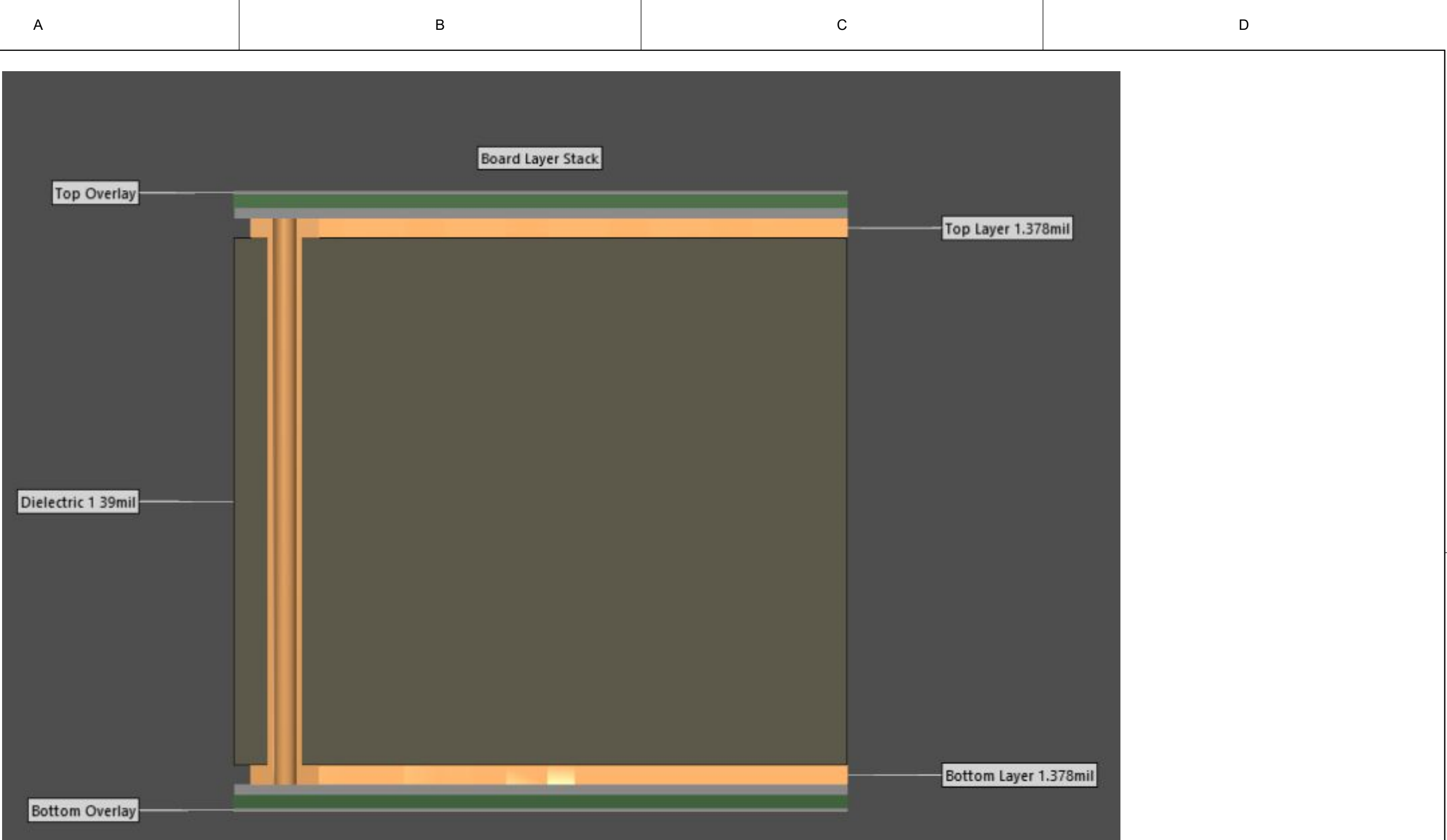
Symbol	Count	Hole Size	Plated	Hole Tolerance
⊙	4	0.50mm(19.69mil)	Plated	
○	2	0.65mm(25.59mil)	Non-Plated	
✕	6	1.10mm(43.31mil)	Plated	
⊕	12	1.09mm(43.00mil)	Plated	
□	2	2.00mm(78.74mil)	Non-Plated	
⊗	39	0.40mm(15.75mil)	Plated	
☆	14	0.20mm(7.87mil)	Plated	

- 1
- Text element with square border.
2.
- Text element with no border
- 3
- Text element with circle border
4.
- Text element with no border
5.
- Text element with no border
6.
- Text element with no border
7.
- Text element with no 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 Benad	2024-11-24	TITLE  DONGLE01			
		TOLERANCES:	CHECKED	Euzébio					
		FRACTIONAL±	ENG APPR.	Euzébio					
		ANGULAR: MACH± BEND ±	MFG APPR.						
		TWO PLACE DECIMAL ±							
		THREE PLACE DECIMAL ±				SIZE    DWG. NO.			
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.						
		MATERIAL	COMMENTS:						
NEXT ASSY	USED ON	FINISH				SCALE:    1:1    WEIGHT:    SHEET 1 OF 10			
APPLICATION		DO NOT SCALE DRAWING							



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 Benad	2024-11-24	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				SCALE: 1:1	WEIGHT:	SHEET 2 OF 10
APPLICATION								

1

1

Layer Stack Legend

Material	Layer	Thickness	Dielectric Material Type	Gerber
	Top Overlay		Legend	GTO
	Surface Material	0.0254mm(1.000mil)	SM-001	Solder Mask
	PbSn	0.0200mm(0.787mil)		Surface Finish
	Top Layer	0.0350mm(1.378mil)		Signal
	Core	0.9906mm(39.000mil)	Core-042	Dielectric
	Bottom Layer	0.0350mm(1.378mil)		Signal
	PbSn	0.0200mm(0.787mil)		Surface Finish
	Surface Material	0.0254mm(1.000mil)	SM-001	Solder Mask
	Bottom Overlay		Legend	GBS
				GBL
				GBO

Total thickness: 1.1514mm(45.330mil)

2

2

Observação:

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 Benad	2024-11-24	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					SCALE: 1:1	WEIGHT:	SHEET 3 OF 10
	APPLICATION		DO NOT SCALE DRAWING						

A

B

C

D

1

1

Layer Stack Legend

Material	Layer	Thickness	Dielectric Material Type	Gerber
	Top Overlay		Legend	GTO
	Surface Material	1.000mil(0.025mm)	SM-001	Solder Mask
	PbSn	0.787mil(0.020mm)		Surface Finish
	Top Layer	1.378mil(0.035mm)		Signal
	Core	39.000mil(0.991mm)	Core-042	Dielectric
	Bottom Layer	1.378mil(0.035mm)		Signal
	PbSn	0.787mil(0.020mm)		Surface Finish
	Surface Material	1.000mil(0.025mm)	SM-001	Solder Mask
	Bottom Overlay		Legend	GB0

Total thickness: 45.330mil(1.151mm)

2

2

Observação:

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 Benad	2024-11-24	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							
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:1	WEIGHT:	SHEET 4 OF 10

A

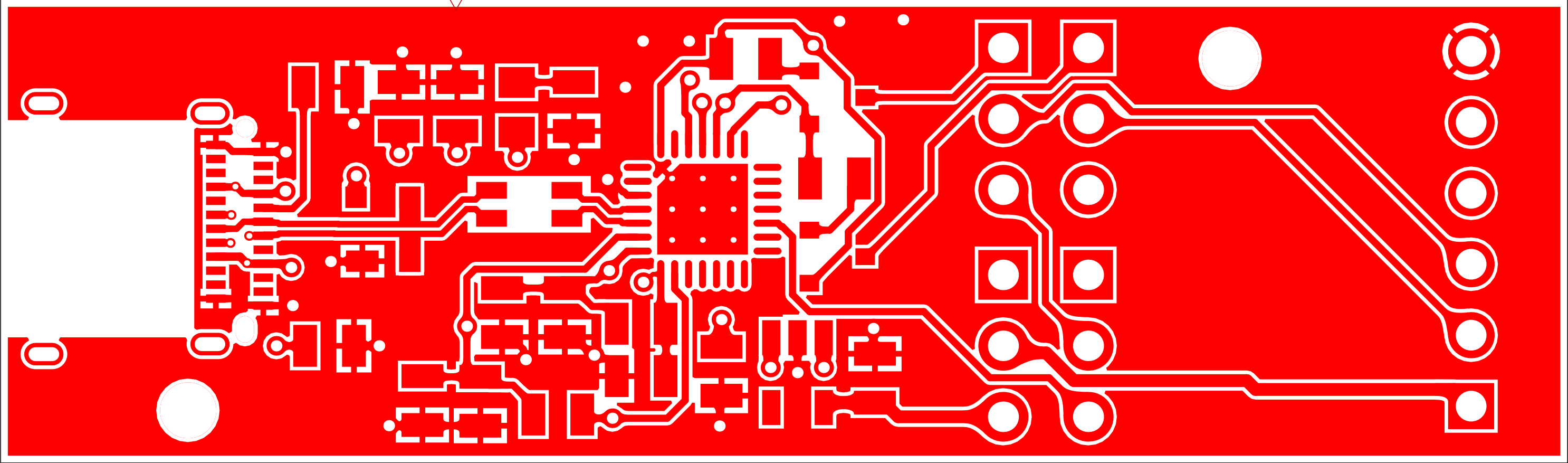
B

C

D

HASL Lead Free  
Acabamento de Superfície

Top Layer (Scale 7:1)



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

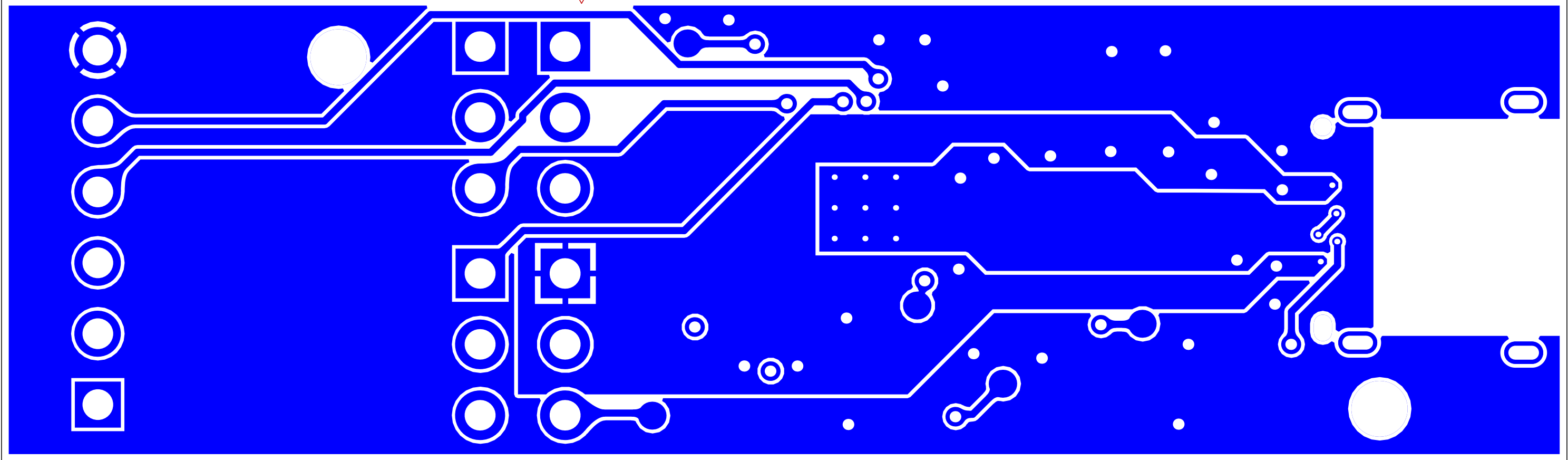
PROPRIETARY AND CONFIDENTIAL

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	EPB DESENVOLVIMENTO ME.			
		DIMENSIONS ARE IN INCHES	DRAWN	Euzébio Benad	2024-11-24	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				SCALE: 1:1 WEIGHT: SHEET 5 OF 10			
NEXT ASSY	USED ON	FINISH							
APPLICATION		DO NOT SCALE DRAWING							

# HASL Lead Free

# Acabamento de Superfície

Bottom Layer (Scale 7:1)

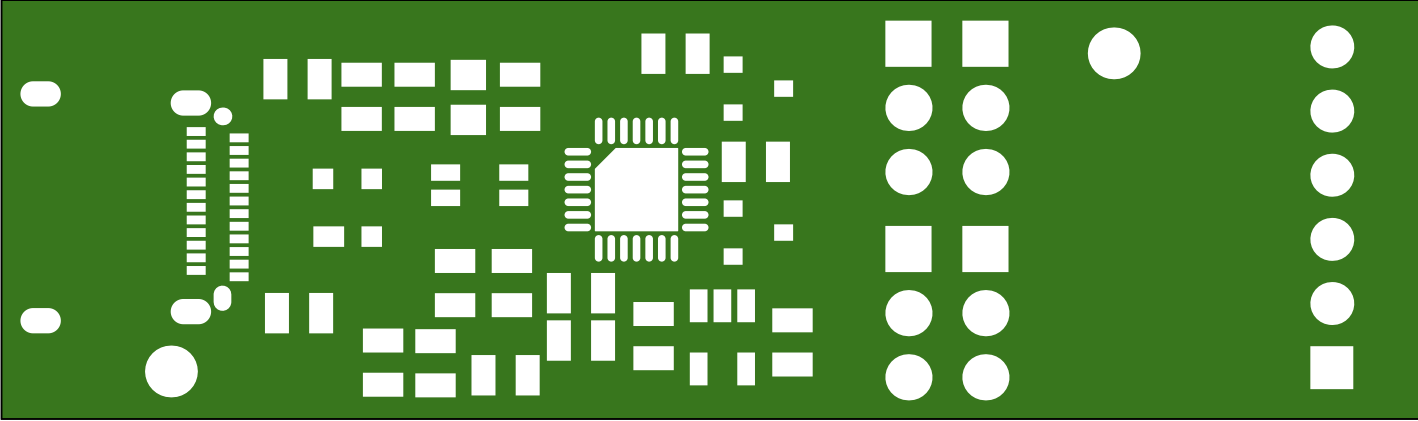


THE INFORMATION CONTAINED IN  
THIS DRAWING IS THE SOLE  
PROPERTY OF  
EPB DESENVOLVIMENTO ME.. ANY  
REPRODUCTION IN PART OR AS A  
WHOLE WITHOUT THE WRITTEN

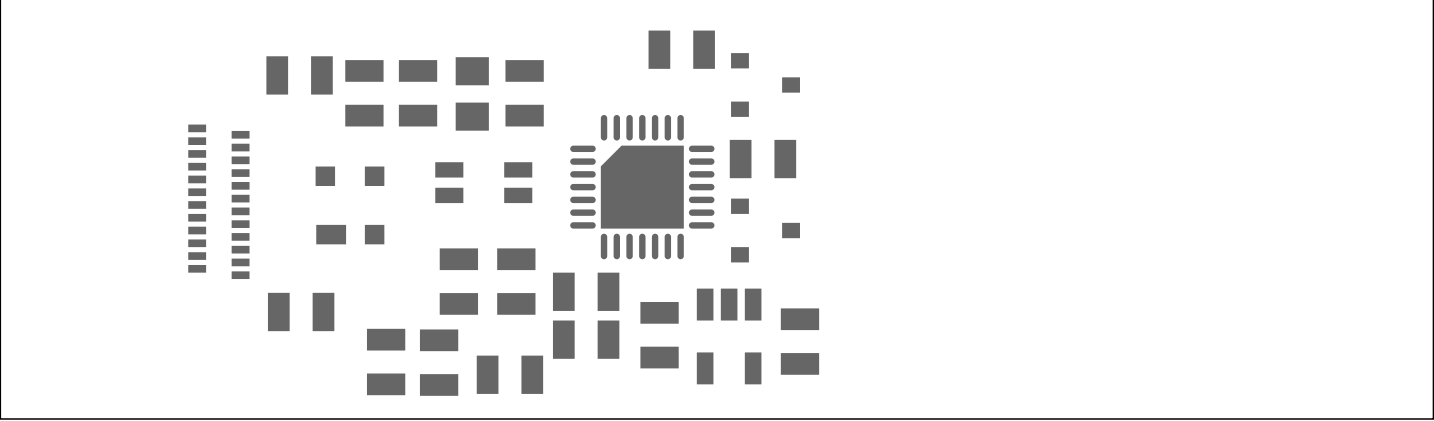
PROPRIETARY AND CONFIDENTIAL

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	EPB DESENVOLVIMENTO ME.		
		DIMENSIONS ARE IN INCHES	DRAWN	Euzébio Benad	2024-11-24	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							
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:1	WEIGHT:	SHEET 6 OF 10

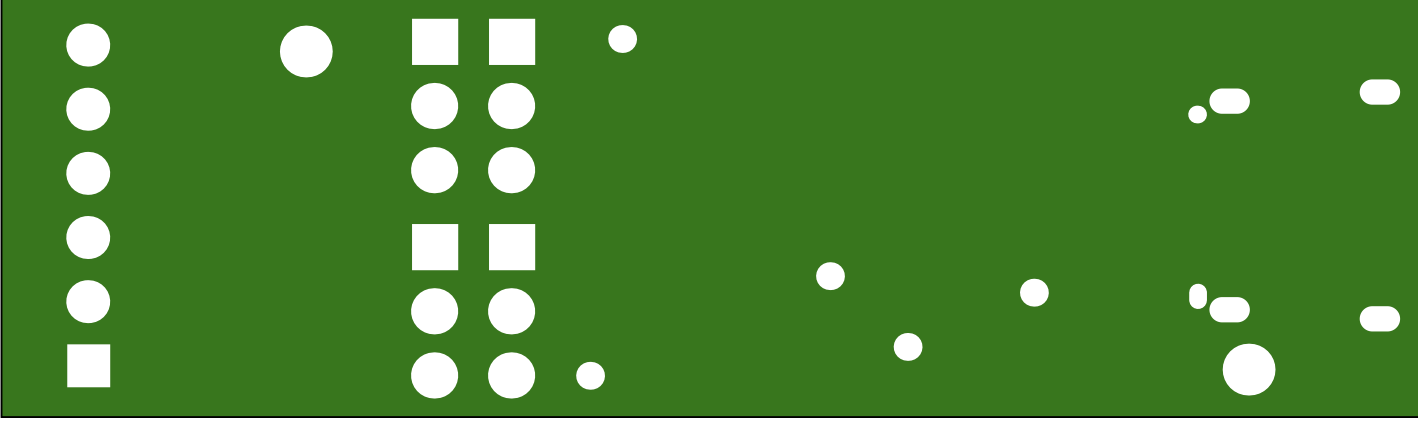
Top Solder, Top Mask (green)



Top Paste

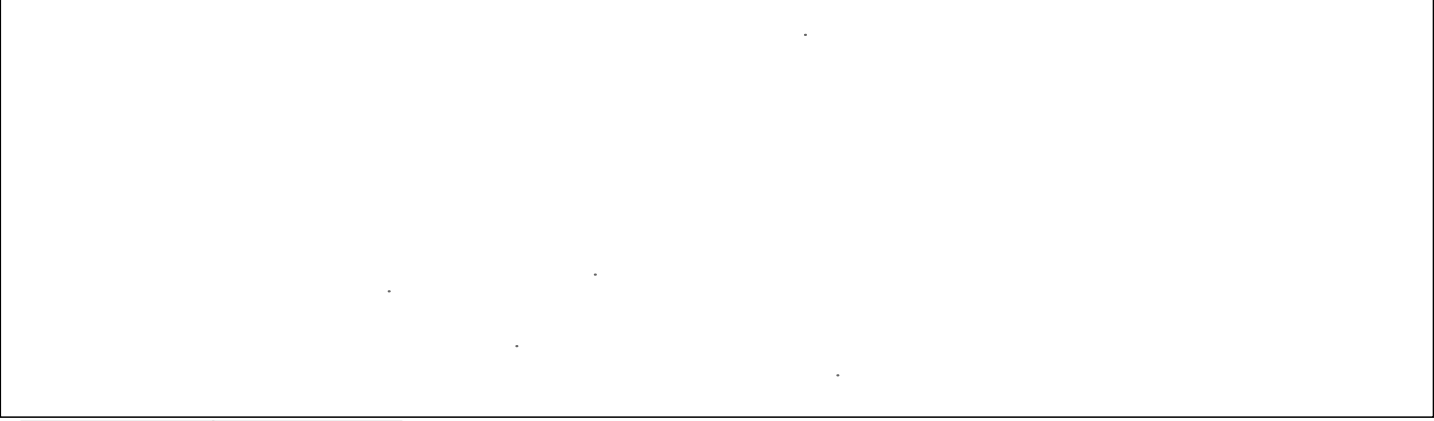


Bottom Solder, Bottom Mask (green)



NÃO HÁ COMPONENTES NO LADO SOLDA.

Bottom Paste, Bot Paste

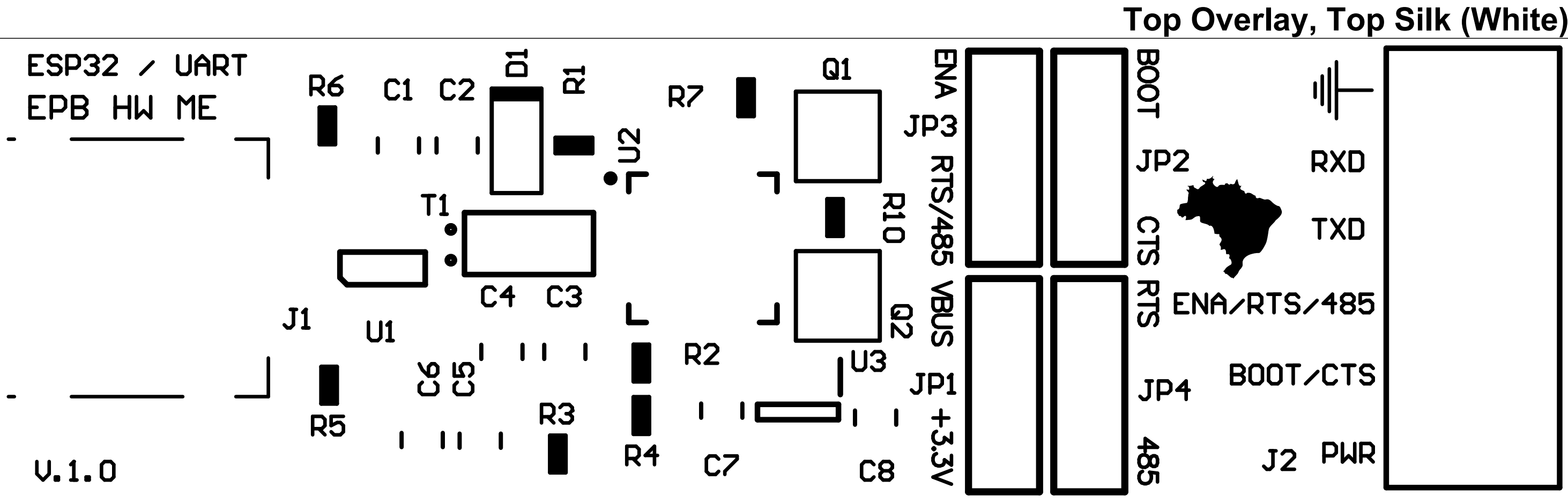


THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF EPB DESENVOLVIMENTO ME.. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PROPRIETARY AND CONFIDENTIAL

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	EPB DESENVOLVIMENTO ME.			
		DIMENSIONS ARE IN INCHES	DRAWN	Euzébio Benad	2024-11-24	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				SCALE:    1:1    WEIGHT:    SHEET 7 OF 10			
NEXT ASSY	USED ON	FINISH							
APPLICATION		DO NOT SCALE DRAWING							

1

1



2

2

Top Silk / Top Overlay: BRANCO.  
Preferencialmente Liquid Photo  
Imageable.

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 Benad	2024-11-24	TITLE	
		TOLERANCES:		CHECKED	Euzébio			
		FRACTIONAL ±		ENG APPR.	Euzébio			
		ANGULAR: MACH ± BEND ±		MFG APPR.				
		TWO PLACE DECIMAL ±		Q.A.				
		THREE PLACE DECIMAL ±		COMMENTS:			DONGLE01	
		INTERPRET GEOMETRIC						
		TOLERANCING PER:						
		MATERIAL					SIZE	DWG. NO.
		FINISH						
NEXT ASSY	USED ON							
APPLICATION		DO NOT SCALE DRAWING					SCALE: 1:1	WEIGHT:
								SHEET 8 OF 10

A

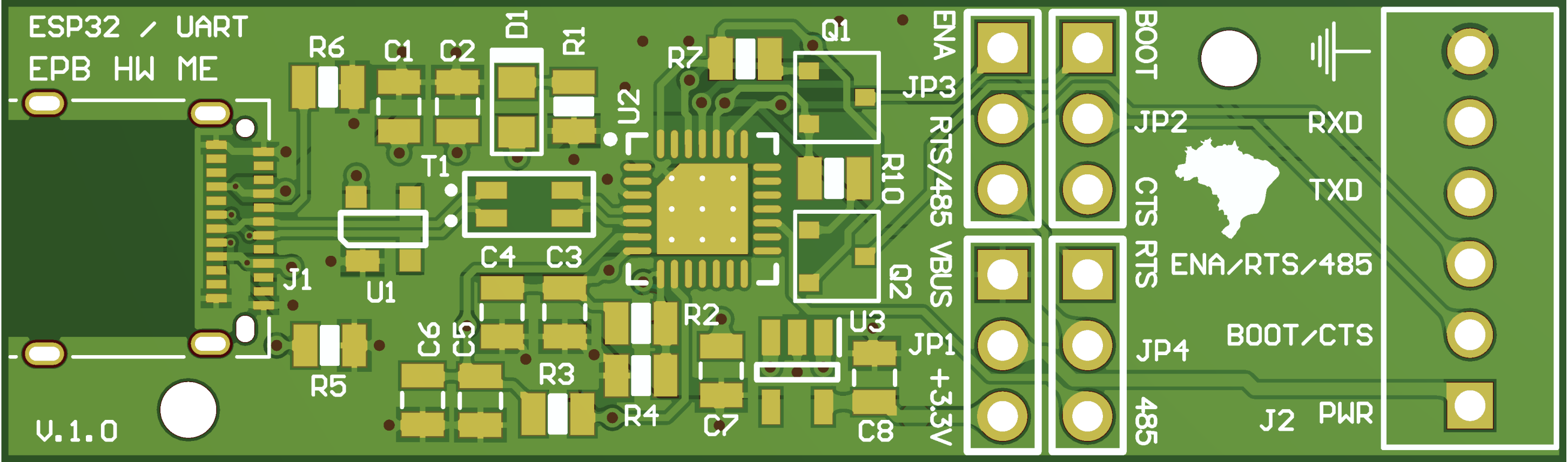
B

C

D



Realistic View



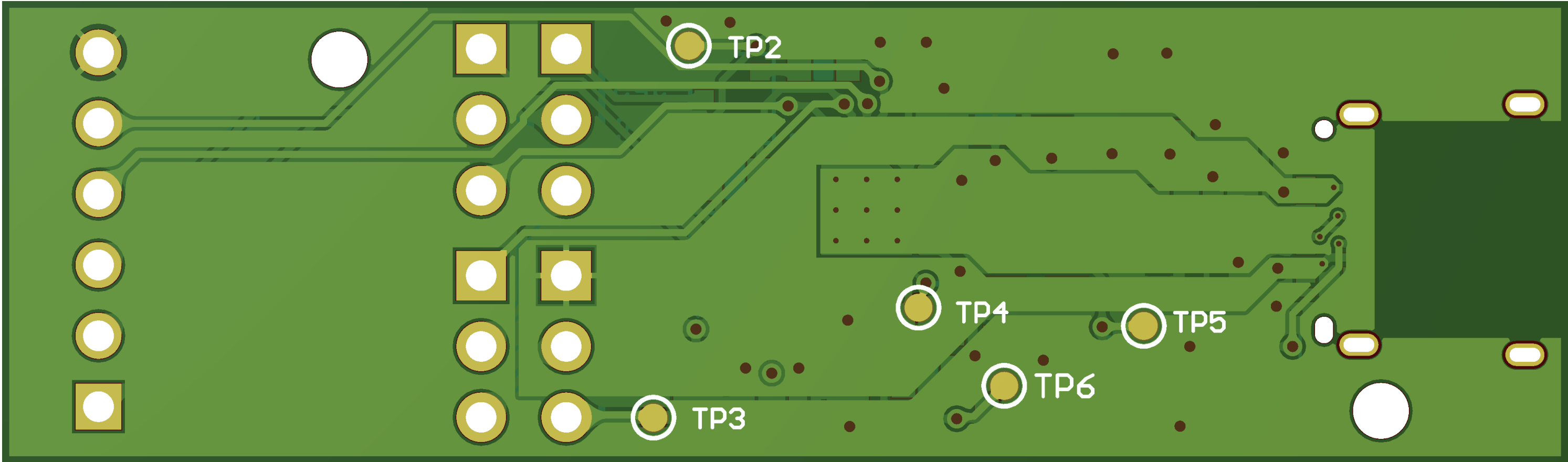
Top Silk / Top Overlay: BRANCO.  
Preferencialmente Liquid Photo  
Imageable.

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 Benad	2024-11-24	TITLE	
		TOLERANCES:		CHECKED	Euzébio			
		FRACTIONAL±		ENG APPR.	Euzébio			
		ANGULAR: MACH± BEND ±		MFG APPR.				
		TWO PLACE DECIMAL ±		Q.A.				
		THREE PLACE DECIMAL ±		COMMENTS:			DONGLE01	
		INTERPRET GEOMETRIC						
		TOLERANCING PER:						
		MATERIAL					SIZE	DWG. NO.
		FINISH						
NEXT ASSY	USED ON	DO NOT SCALE DRAWING					SCALE: 1:1	WEIGHT:
APPLICATION								SHEET 9 OF 10

Realistic View



Bottom Silk / Bottom Overlay: BRANCO.  
Aceita-se serigrafia normal.

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 Benad	2024-11-24	TITLE	
		TOLERANCES:		CHECKED	Euzébio			
		FRACTIONAL±		ENG APPR.	Euzébio			
		ANGULAR: MACH± BEND ±		MFG APPR.				
		TWO PLACE DECIMAL ±		Q.A.				
		THREE PLACE DECIMAL ±		COMMENTS:			DONGLE01	
		INTERPRET GEOMETRIC						
		TOLERANCING PER:						
		MATERIAL					SIZE	DWG. NO.
		FINISH						
NEXT ASSY	USED ON							
APPLICATION		DO NOT SCALE DRAWING					SCALE: 1:1	WEIGHT: SHEET 10 OF 10