

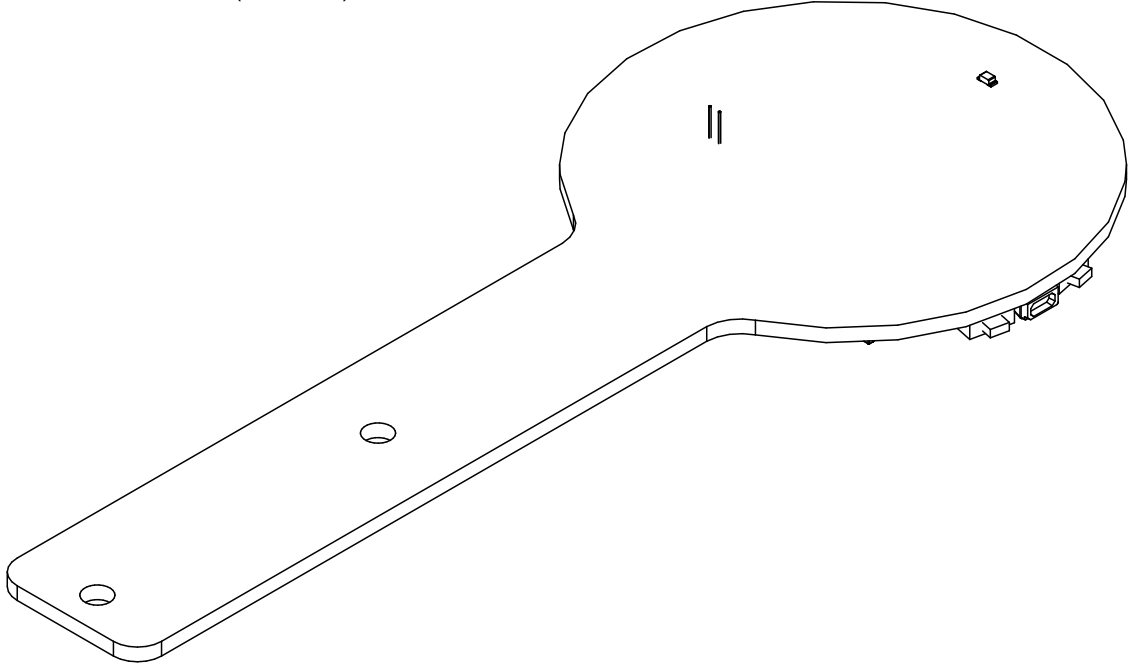
A

B

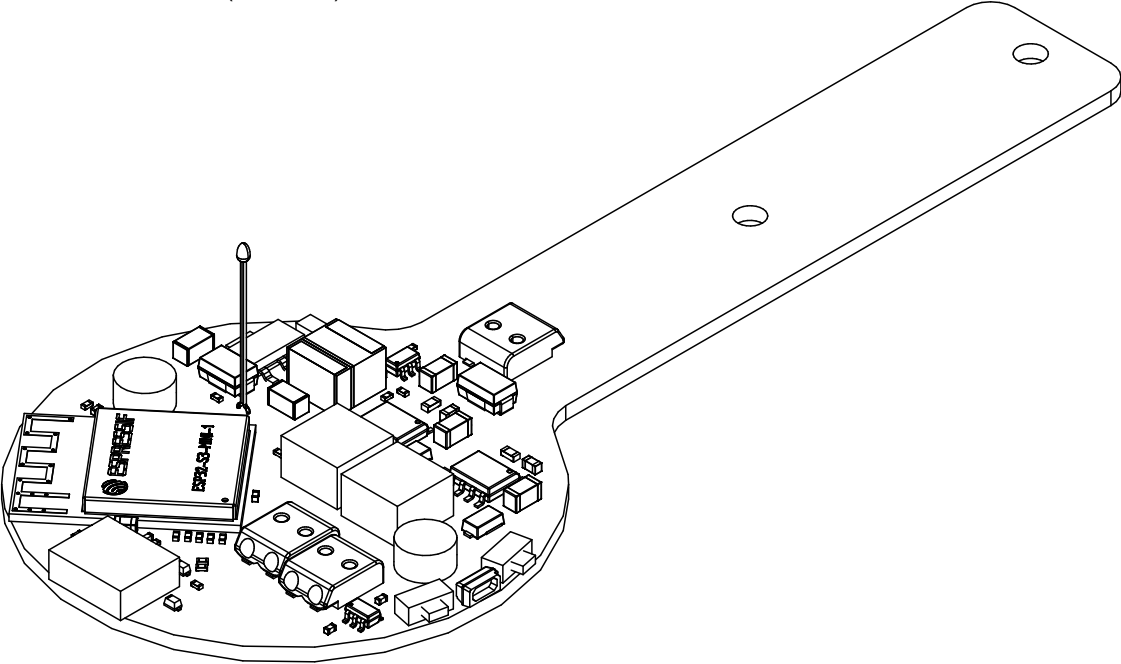
C

D

View from Front side (Scale 3:2)



View from Back side (Scale 3:2)



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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE  <i>DIYson</i>		
		DIMENSIONS ARE IN INCHES	DRAWN		1/29/2025			
		TOLERANCES:	CHECKED					
		FRACTIONAL ±	ENG APPR.					
		ANGULAR: MACH ± BEND ±	MFG APPR.			SIZE DWG. NO.		
		TWO PLACE DECIMAL ±						
		THREE PLACE DECIMAL ±	Q.A.			SCALE: 1:1 WEIGHT:		
		INTERPRET GEOMETRIC TOLERANCING PER:	COMMENTS:					
		MATERIAL				SHEET 1 OF 3		
		FINISH						
NEXT ASSY	USED ON	APPLICATION	DO NOT SCALE DRAWING					

A

B

C

D

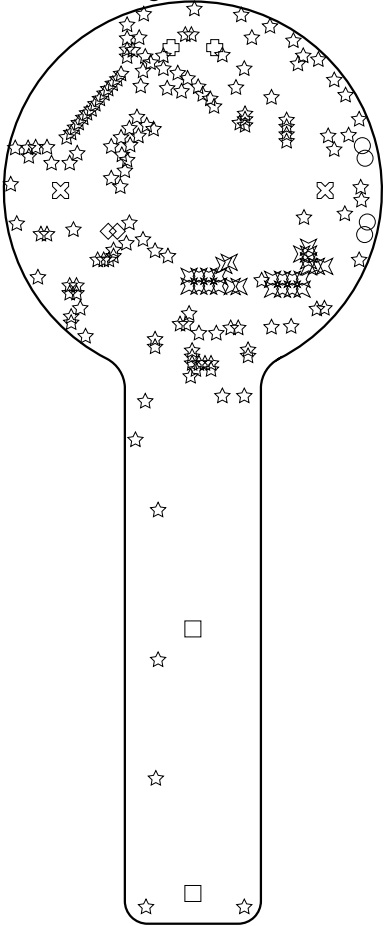
Layer Stack Legend

Material	Layer	Thickness	Dielectric Material	Type	Gerber
	Top Overlay			Legend	GTO
Surface Material	Top Solder	0.010mm	Solder Resist	Solder Mask	GTS
Copper	Top Layer	0.035mm		Signal	GTL
Prepreg		0.210mm	PP-006	Dielectric	
CF-004	2 - Inner PWR	0.015mm		Signal	G1
Core		1.065mm	FR-4	Dielectric	
CF-004	3 - Inner GND	0.015mm		Signal	G2
Prepreg		0.210mm	PP-006	Dielectric	
Copper	Bottom Layer	0.035mm		Signal	GBL
Surface Material	Bottom Solder	0.010mm	Solder Resist	Solder Mask	GBS
	Bottom Overlay			Legend	GBO
Total thickness: 1.606mm					

PCB Configuration

Copper thickness	1oz OUTER, 1/2 oz INNER
Soldermask	Black
Silkscreen	White
Surface	ENIG
Minimum Clearance	6mil
Minimum hole size	0.3mm
Blind Vias	No
Impedance Match	No
Material	FR-4
Via fill	No
Board Thickness	1.6mm

Drill Drawing View



Drill Table

Symbol	Count	Hole Size	Plated	Hole Tolerance
☆	147	0.3mm	Plated	
✕	27	0.3mm	Plated	
◇	2	0.5mm	Plated	
○	4	0.7mm	Non-Plated	
⊕	2	0.7mm	Plated	
□	2	3.1mm	Plated	
⊗	2	4.2mm	Plated	
186 Total				

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NEXT ASSY	USED ON							
APPLICATION		DO NOT SCALE DRAWING			SCALE: 1:1	WEIGHT:	SHEET 2 OF 3	

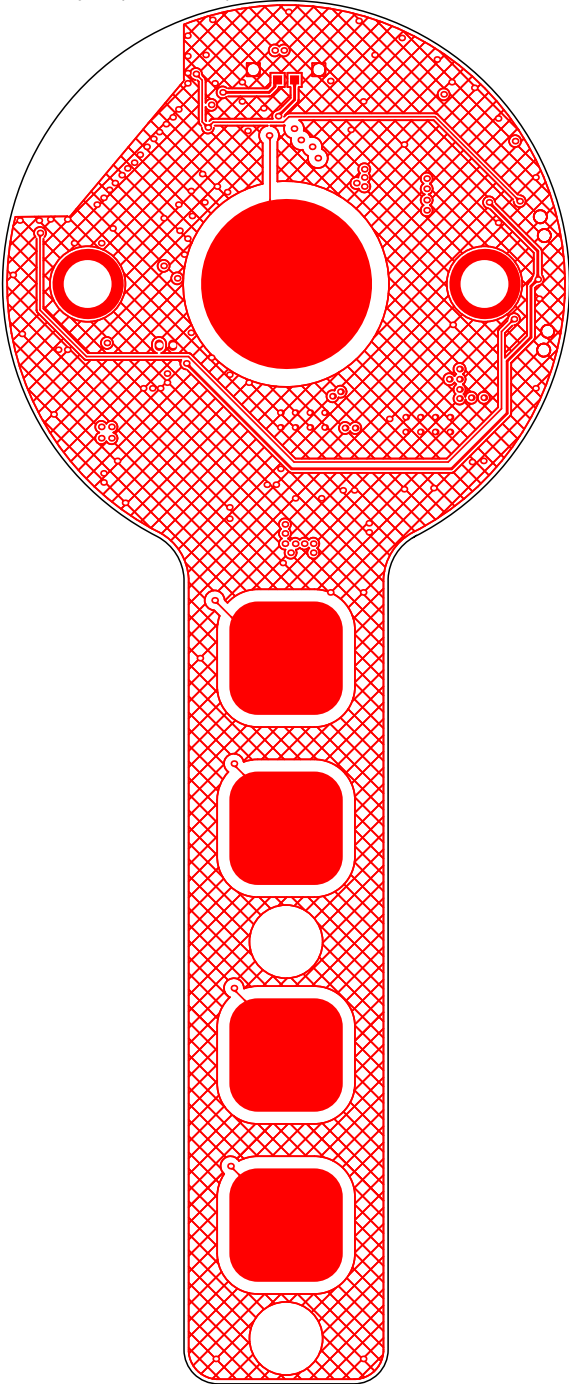
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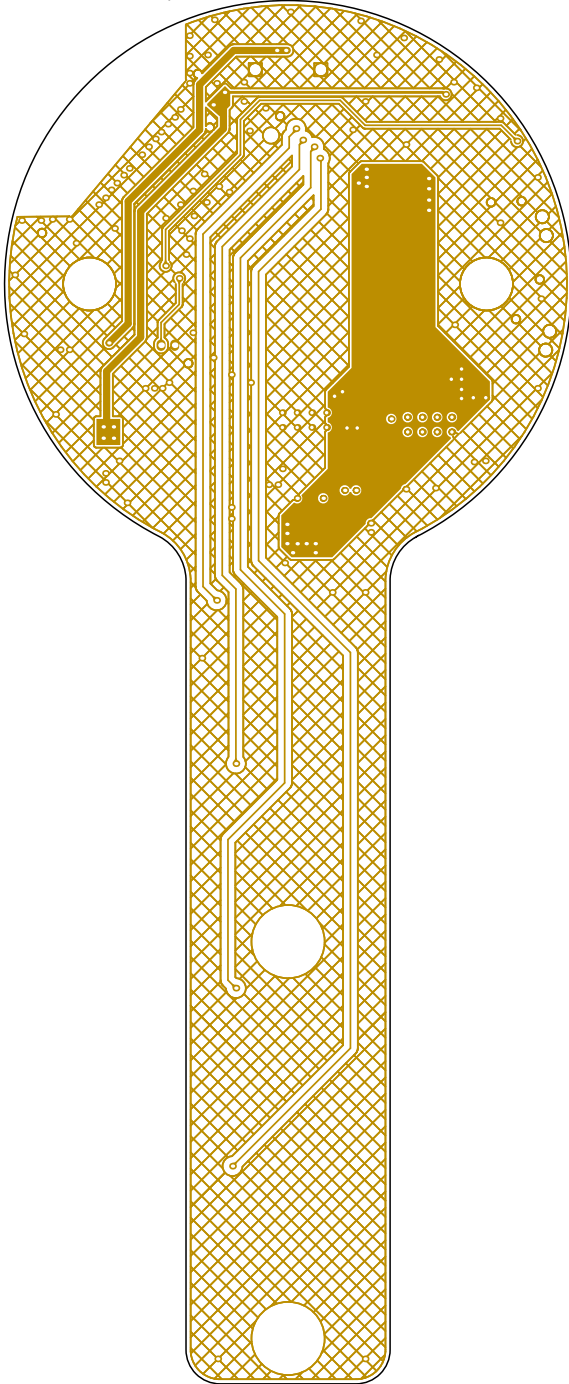
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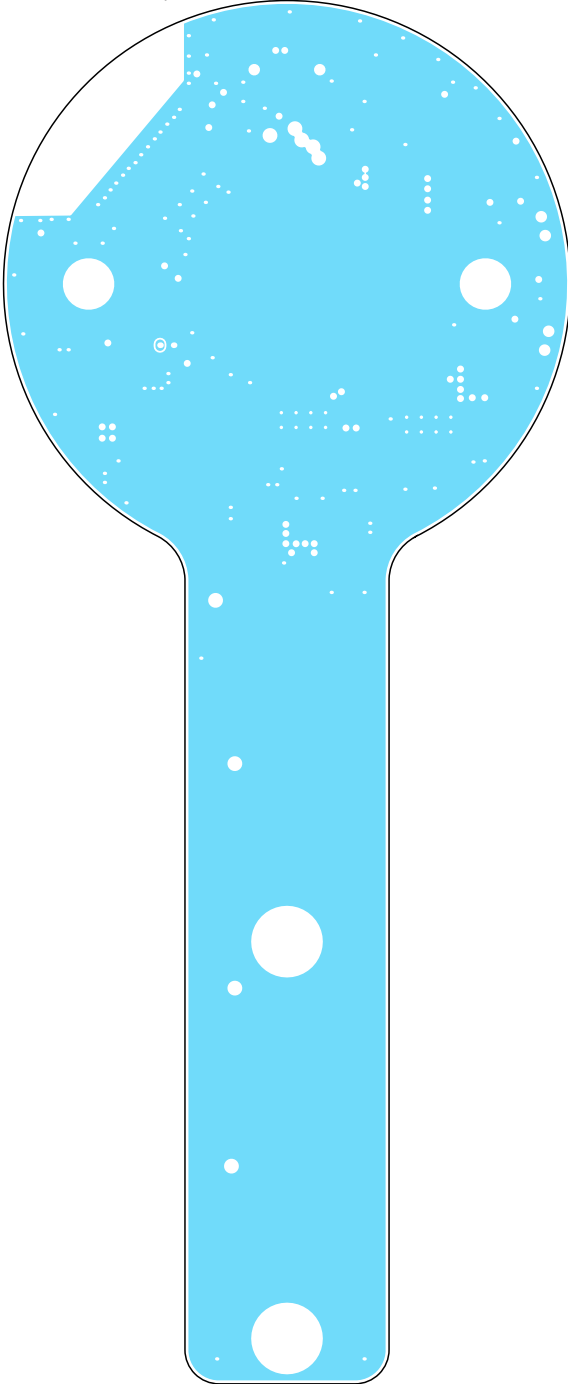
Top Layer (Scale 3:2)



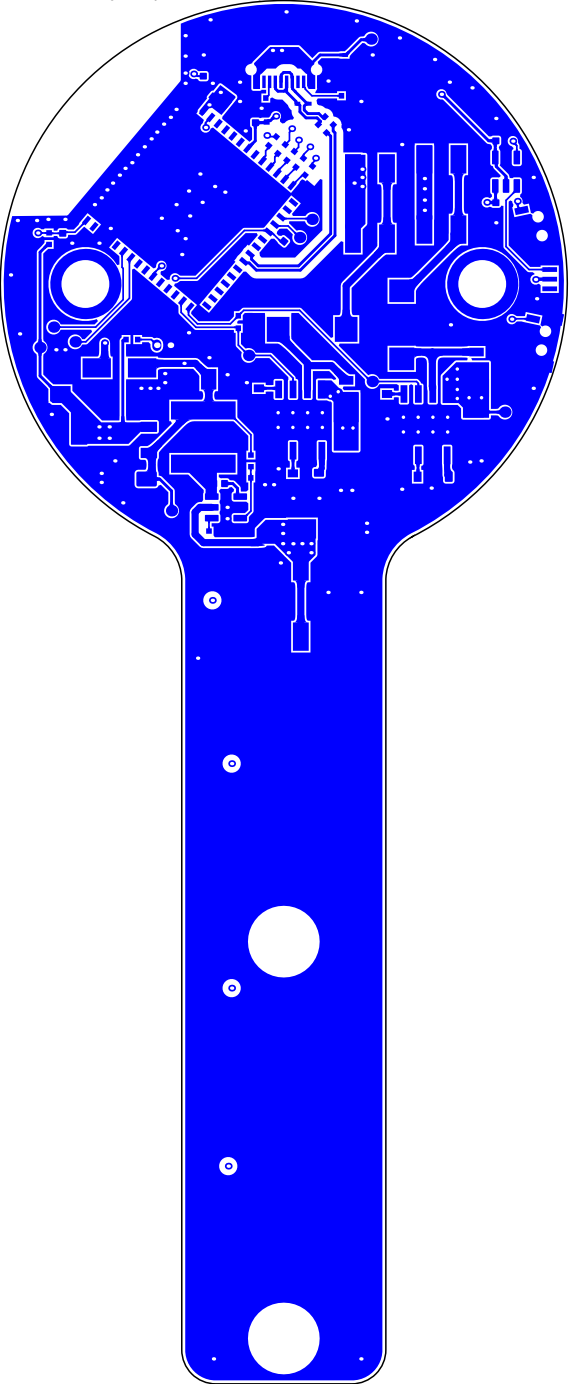
2 - Inner PWR (Scale 3:2)



3 - Inner GND (Scale 3:2)



Bottom Layer (Scale 3:2)



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		MATERIAL	COMMENTS:					
		FINISH						
NEXT ASSY	USED ON	APPLICATION	DO NOT SCALE DRAWING					

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