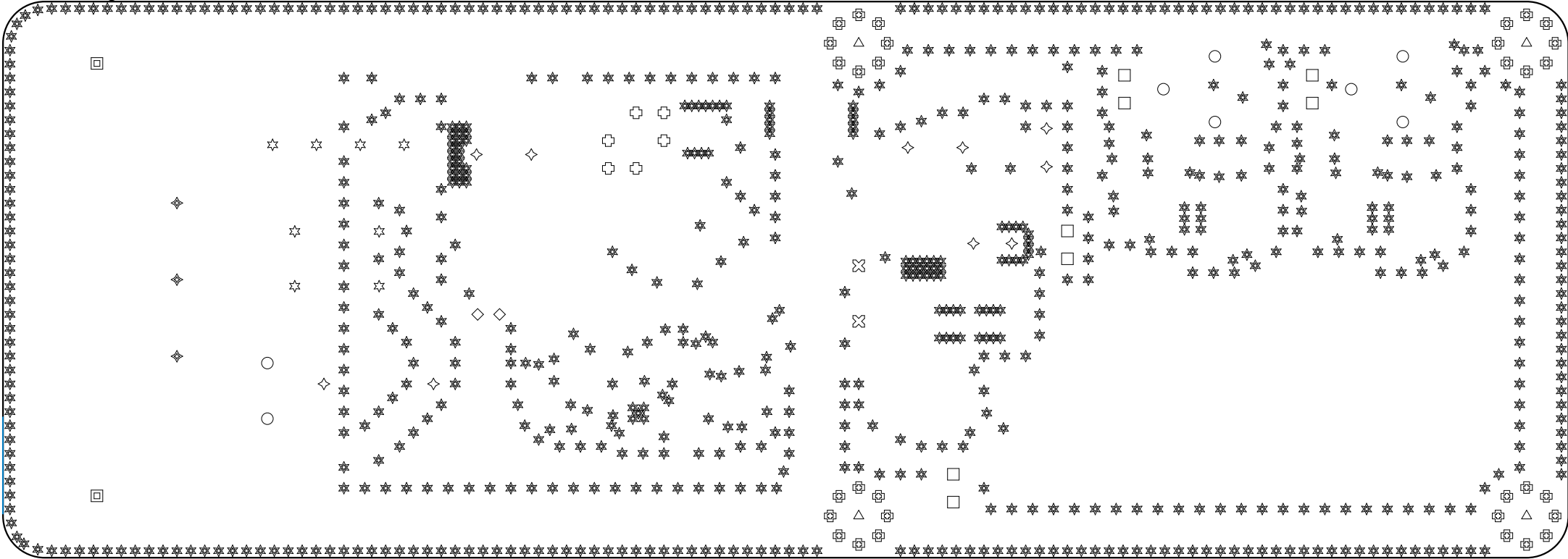


Drill Drawing View



- 1. STACKUP: See stackup detail for material and thickness
- 2. PLATING: Apply ENIG to outer exposed copper after soldermask, per IPC 6012B Table 3-2.
- 3. IMPEDANCE: No controlled impedance.
- 4. SOLDERMASK: Apply matte black LPI soldermask.
- 5. SILKSCREEN: Apply white permanent, non-conductive ink.
- 6. Trim silkscreen over exposed copper.
- 7. Add manufacturing markings (Logo/UL/Date Code) on Bottom Side where shown.
- 8. Minimum copper in plated holes per IPC6012, current revision, class 3
- 9. Diameters in hole table are finished sizes. Refer to hole table for size, tolerance, and plating status.
- 10. Fabricate and inspect to IPC Class 2 standards.
- 11. 100% electrical test required for shorts and opens.
- 12. PANELIZATION: Refer to assembly drawing for details on panelization and separation.

Drill Table

Symbol	Count	Hole Size	Plated	Hole Tolerance
⊕	6	1.143	Plated	
⊗	2	2.032	Plated	
○	8	1.000	Plated	
△	4	3.500	Plated	
☆	8	1.100	Plated	
□	8	0.991	Plated	
◇	10	0.900	Plated	
◆	2	0.700	Plated	
⬢	3	1.800	Plated	
⊞	2	3.500	Non-Plated	
★	759	0.254	Plated	
⊛	32	0.711	Plated	

Project:	Pedal Power
Document:	Fabrication Drawing
Revision:	1
Drawn By:	Jason Cerundolo
Date:	12/1/2020
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Scale: 1:2

Do not scale drawing

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Layer Stack Legend

Material	Layer	Thickness	Dielectric Material	Type	Gerber
	Top Overlay			Legend	GTO
	Surface Material	0.010mm	Solder Resist	Solder Mask	GTS
	Copper	0.036mm		Signal	GTL
	Prepreg	0.071mm	PP-006	Dielectric	
	CF-004	0.035mm		Signal	G1
		1.270mm	FR-4	Dielectric	
	CF-004	0.035mm		Signal	G2
	Prepreg	0.071mm	PP-006	Dielectric	
	Copper	0.036mm		Signal	GBL
	Surface Material	0.010mm	Solder Resist	Solder Mask	GBS
	Bottom Overlay			Legend	GBO
Total thickness: 1.574mm					

Project:	Pedal Power
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Revision:	1
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Date:	12/1/2020
Time:	22:47
Sheet:	2 of 3



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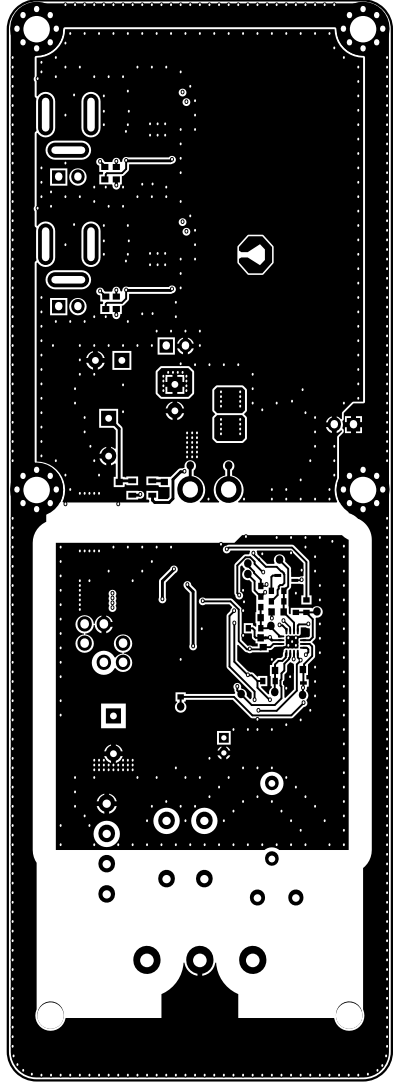
A

B

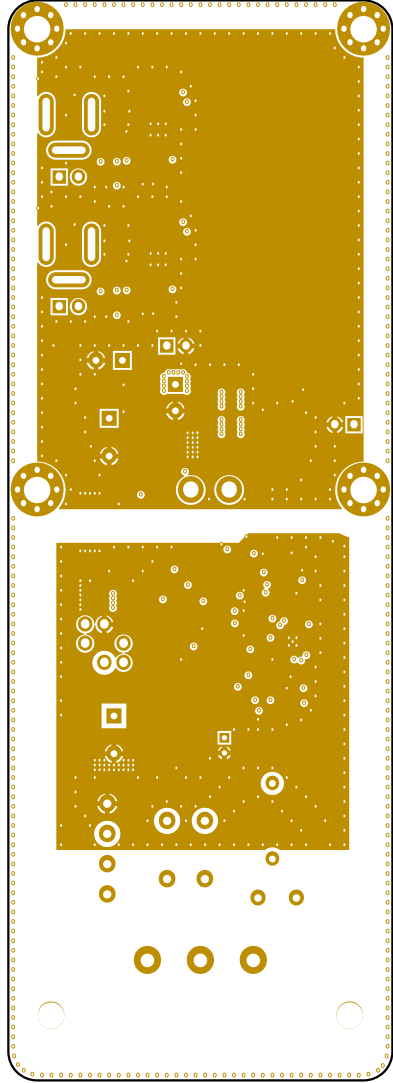
C

D

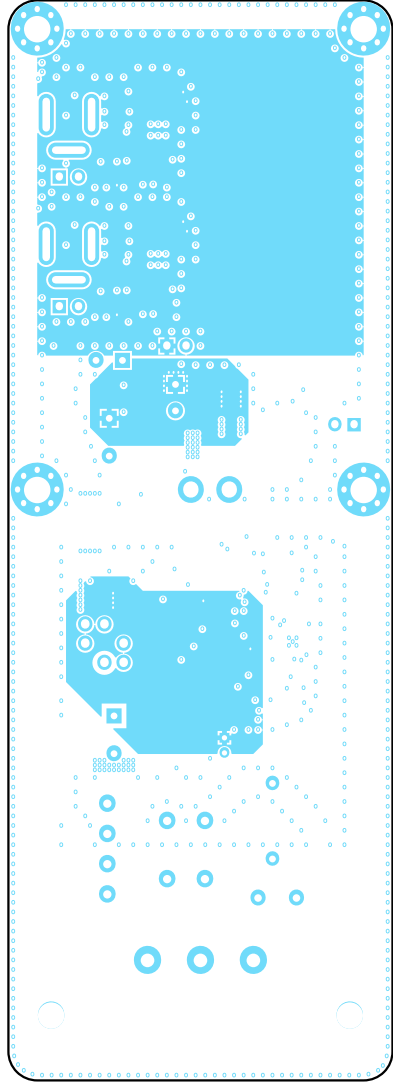
Top Layer (Scale: 1:1)



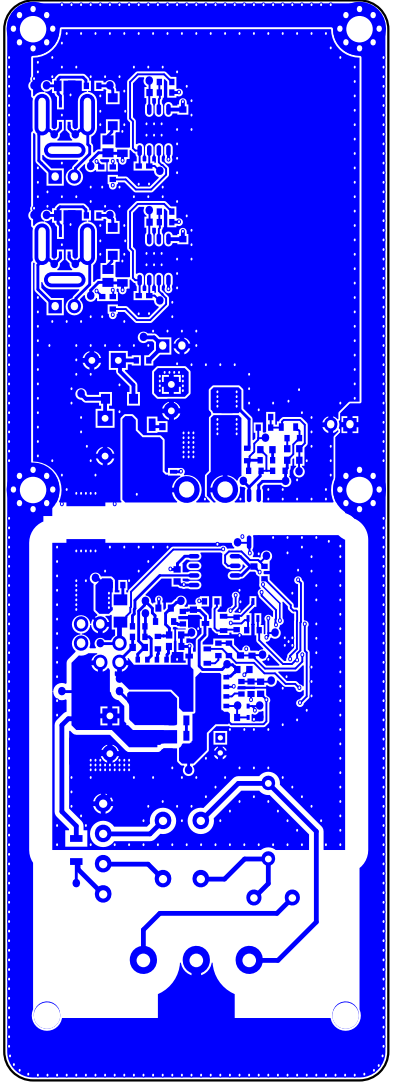
Layer 1 (Scale: 1:1)



Layer 2 (Scale: 1:1)



Bottom Layer (Scale: 1:1)



Project:	Pedal Power
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A

B

C

D