

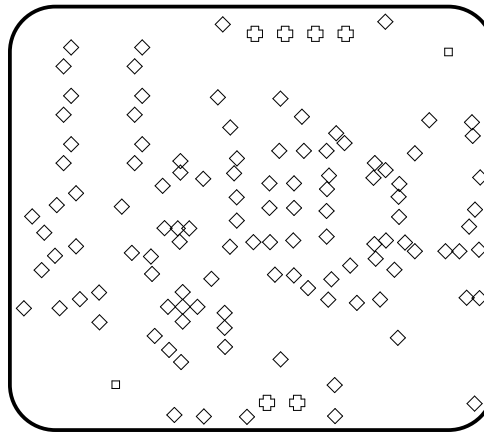
Layer Stack Legend

Material	Layer	Thickness	Gerber
	Top Overlay		GTO
Surface Material	Top Solder	0.010mm	GTS
Copper	Top Layer	0.018mm	GTL
Prepreg		0.180mm	
Copper	Mid1	0.035mm	G1
Core		1.080mm	
Copper	Mid2	0.035mm	G2
Prepreg		0.180mm	
Copper	Bottom Layer	0.018mm	GBL
Surface Material	Bottom Solder	0.010mm	GBS
	Bottom Overlay		GBO
Total thickness: 1.566mm			

Notes:

1. Use current revision of all standards.
2. Board is to be manufactured in accordance to IPC-6012 Class 2.
3. Laminate (core) and prepreg to be in accordance with IPC-4101/126
4. Board finish shall be ENIG
5. Soldermask colour shall be WHITE
6. Silkscreen colour shall be BLACK
7. All hole dimensions apply after plating
8. All copper dimensions apply after plating

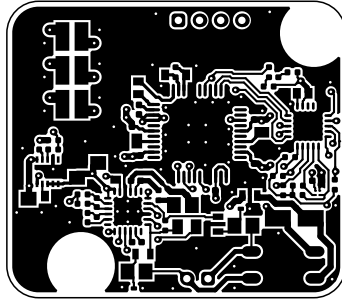
Drill Drawing View (Scale 2:1)



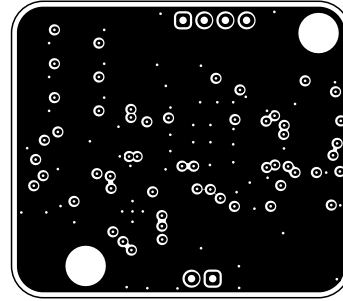
Drill Table

Symbol	Count	Hole Size	Plated	Via / Pad	Hole Tolerance
◇	115	0.25	Plated	Via	
⊕	6	0.70	Plated	Pad	
□	2	3.20	Non-Plated	Pad	
123 Total					

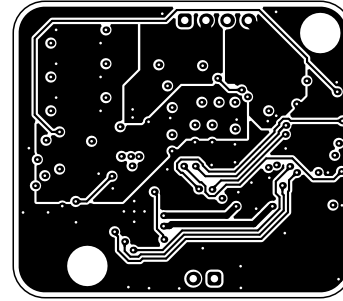
Top Layer (Scale 1.4)



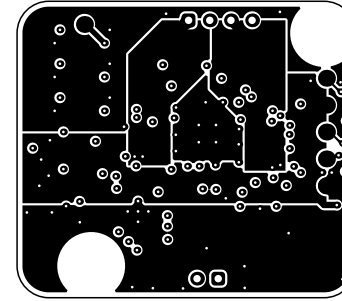
Mid1 (Scale 1.4)



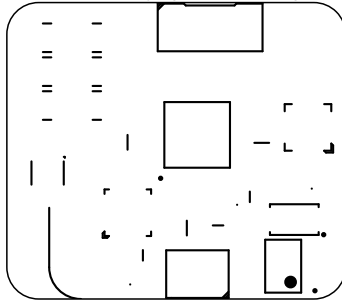
Mid2 (Scale 1.4)



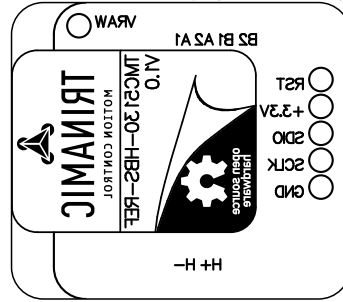
Bottom Layer (Scale 1.4)



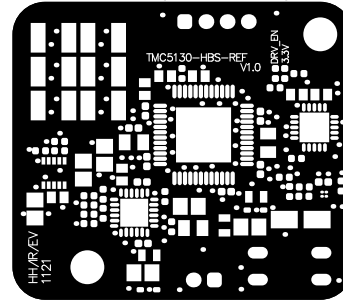
Top Overlay (Scale 1.4)



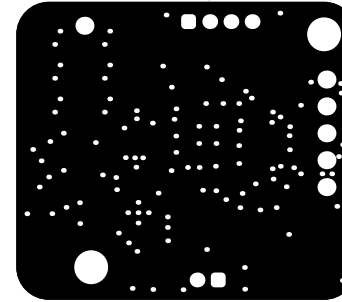
Bottom Overlay (Scale 1.4)



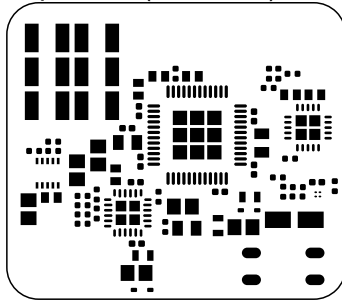
Top Solder (Scale 1.4)




Bottom Solder (Scale 1.4)



Top Paste (Scale 1.4)



Title			Fabrication Drawing		 TRINAMIC MOTION CONTROL	Waterloohain 5 22769 Hamburg Germany tmc_info@trinamic.com
Size	Revision	Project	TMC5130-HBS-REF			
A4	V1.0					
Date	16-Mar-21 14:59		Sheet 2 of 2			
File	TMC5130-HBS-REF.Fabrication.PCBDwf					



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