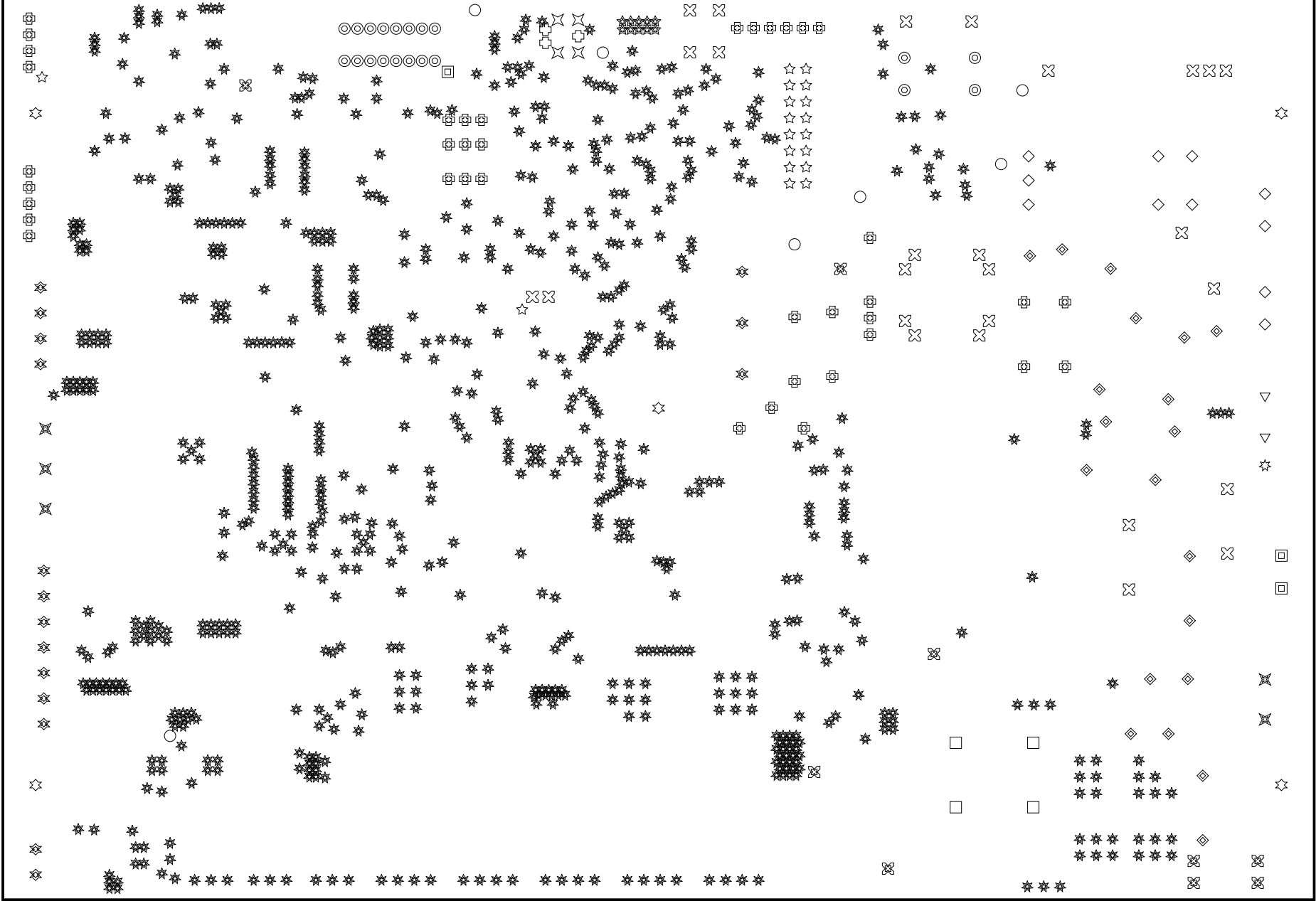


Drill Drawing View (Scale 1.2:1)



Drill Table

Symbol	Count	Hole Size	Plated	Hole Tolerance
✱	762	0.016in	Plated	
☆	10	0.025in	Plated	
○	7	0.030in	Plated	
◎	20	0.033in	Plated	
⊕	39	0.036in	Plated	
⊞	3	0.041in	Non-Plated	
✕	26	0.041in	Plated	
☆	18	0.044in	Plated	
◇	20	0.047in	Plated	
◇	11	0.051in	Plated	
□	3	0.054in	Plated	
⊗	9	0.063in	Plated	
✱	16	0.065in	Plated	
☆	1	0.070in	Non-Plated	
▽	2	0.070in	Plated	
✱	5	0.083in	Plated	
✱	4	0.094in	Non-Plated	
□	4	0.098in	Plated	
☆	5	0.193in	Plated	
965 Total				

Notes:

1. Material: FR4
2. 4 layers of 1 oz. copper
3. Silver immersion finish
4. Finished board thickness = 0.062" / 1.57mm
5. UL 94V-0
6. Green soldermask over bare copper, both sides
7. White silkscreen (overlay) over soldermask (top and bottom)
8. Dimensions in mils (0.001")
9. NC Drill file is MF2Solar.TXT. Other file extensions are shown in the layer stack legend.
10. Layer prints on next pages are all shown as seen from the top side.

Layer Stack Legend

Material	Layer	Thickness	Dielectric Material	Type	Gerber
	Top Overlay			Legend	GTO
	Surface Material				
	Top Solder	0.000in(0.0mm)	Solder Resist	Solder Mask	GTS
Copper	Top Layer	0.001in(0.0mm)		Signal	GTL
Core		0.014in(0.4mm)	FR-4	Dielectric	
Copper	Internal 1	0.001in(0.0mm)		Signal	G1
Prepreg		0.028in(0.7mm)	FR-4	Dielectric	
Copper	Internal 2	0.001in(0.0mm)		Signal	G2
Core		0.014in(0.4mm)	FR-4	Dielectric	
Copper	Bottom Layer	0.001in(0.0mm)		Signal	GBL
Surface Material	Bottom Solder	0.000in(0.0mm)	Solder Resist	Solder Mask	GBS
	Bottom Overlay			Legend	GBO
Total thickness: 0.063in(1.6mm)					

Licensed under CERN-OHL-P v2, see cover page of schematic.

New Horizons, GHL

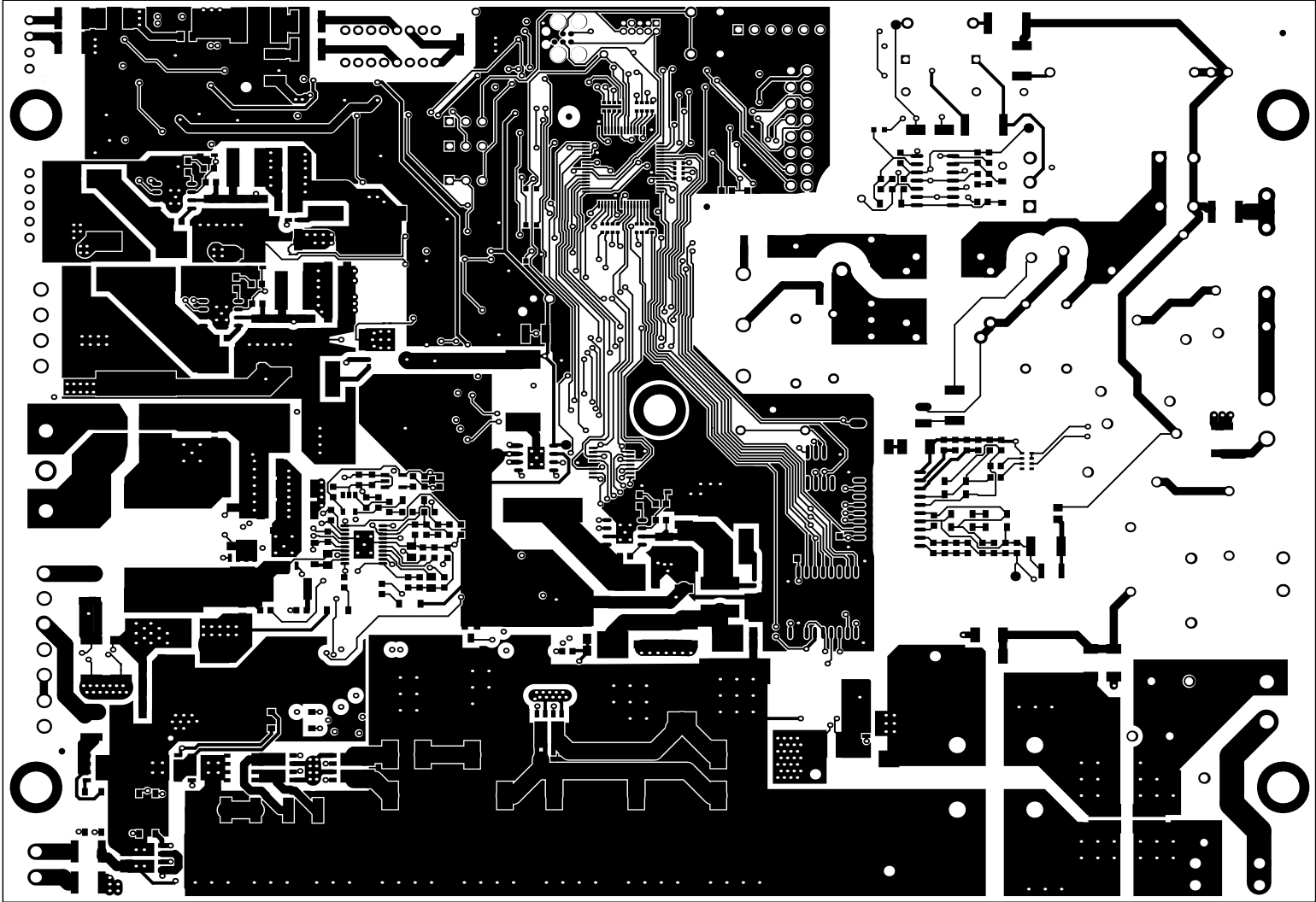
PROJECT
MF2 Solar Power Board

REV
4.1

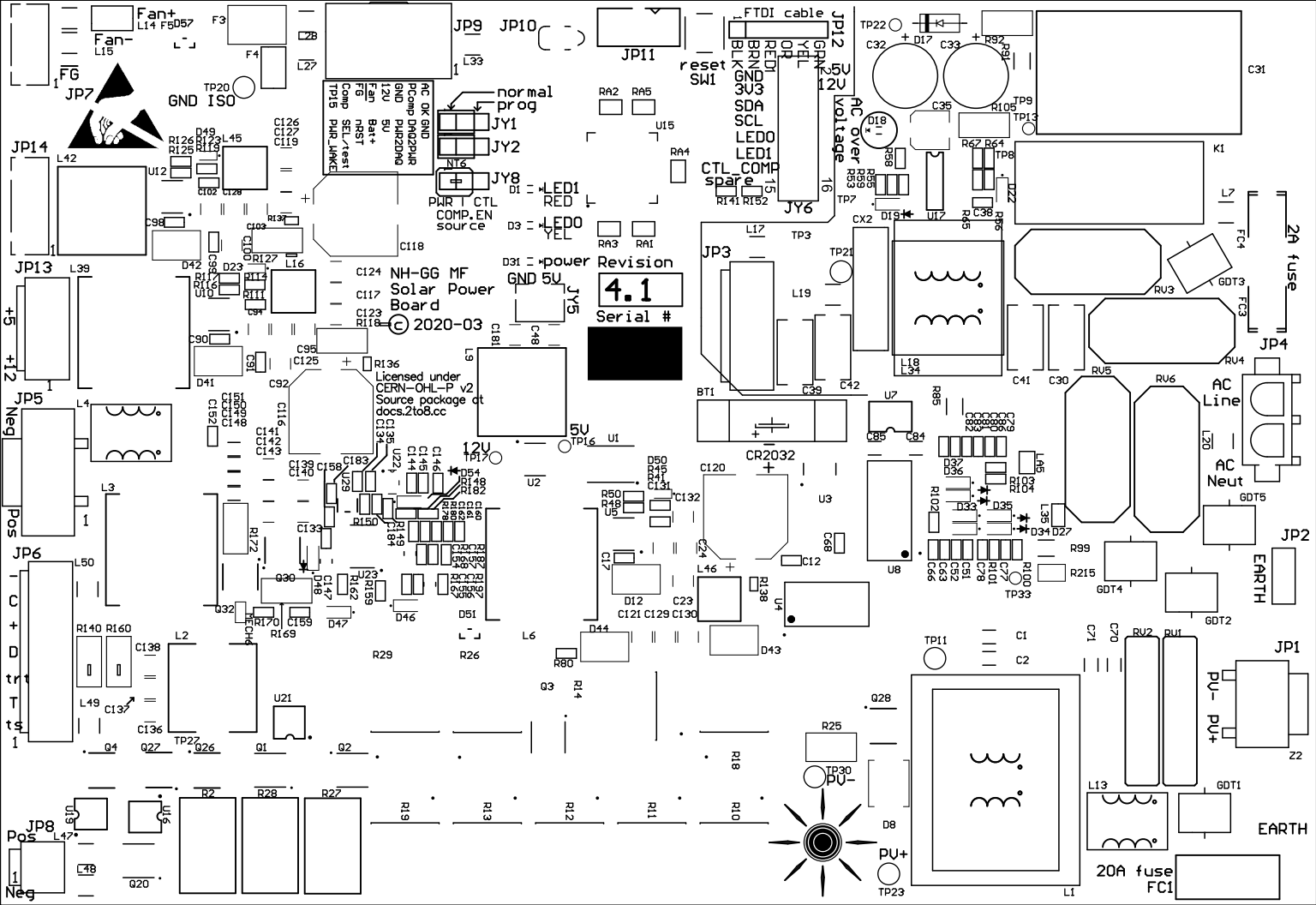


Rod Hinman
808-989-0977
rod@auroraresearch.com
2020-03-06

Top Layer (Scale 1:1)



Top Overlay (Scale 1:1)



Licensed under CERN-OHL-P v2, see cover page of schematic.

New Horizons, GHL

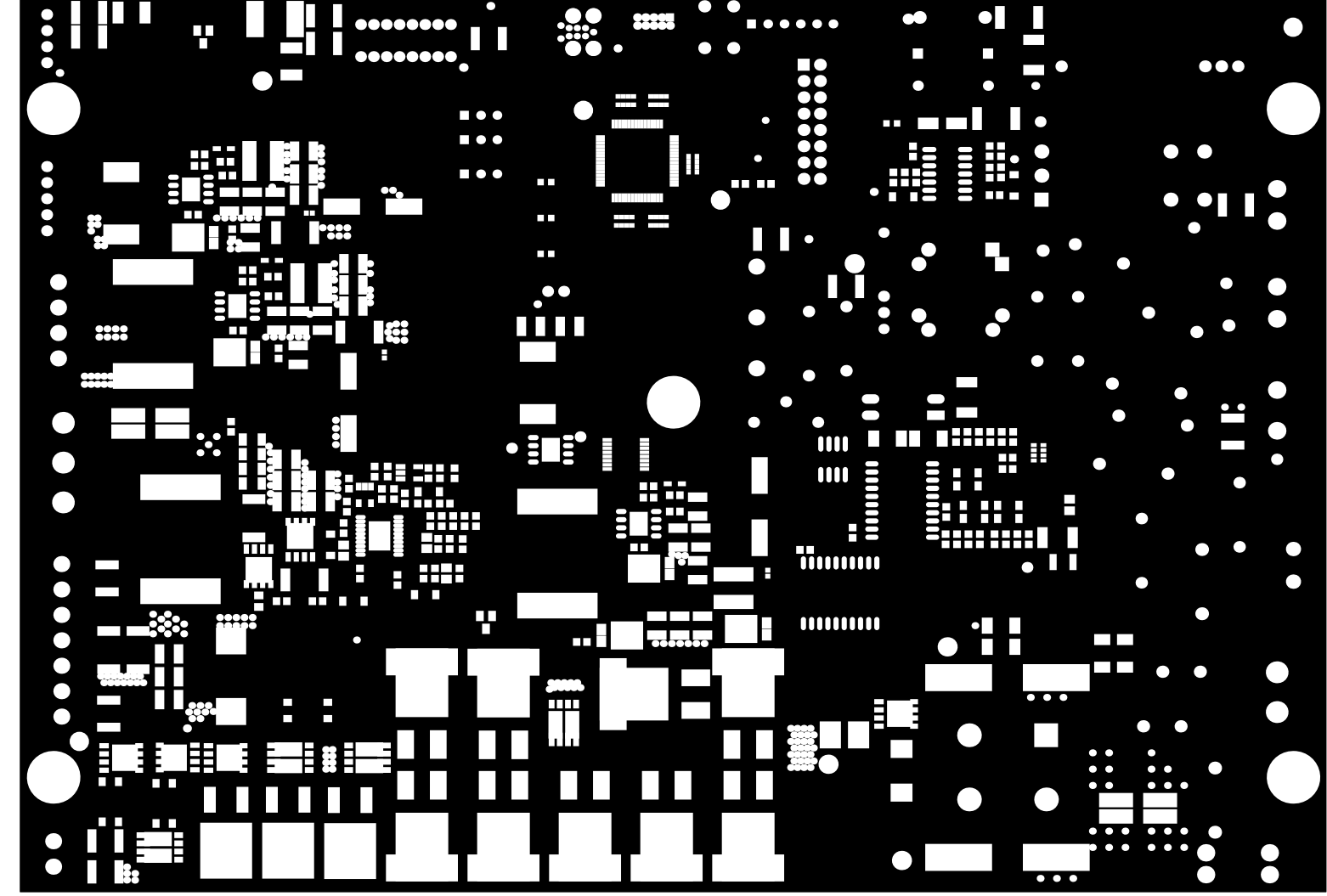
PROJECT
MF2 Solar Power Board

REV
4.1

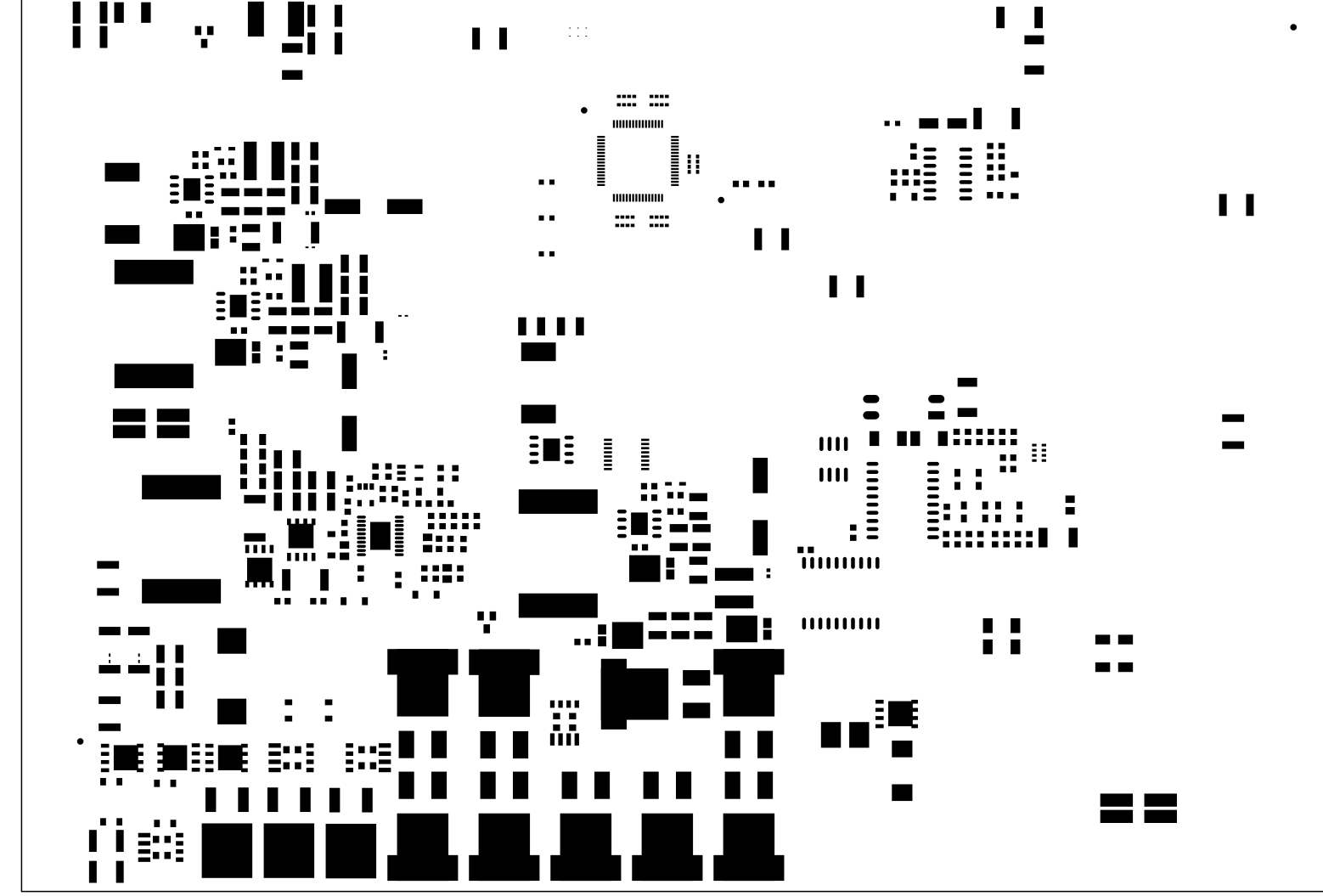


Rod Hinman
808-989-0977
rod@auroraresearch.com
2020-03-06

Top Solder (Scale 1:1)



Top Paste (Scale 1:1)



New Horizons, GHL

PROJECT
MF2 Solar Power Board

REV
4.1

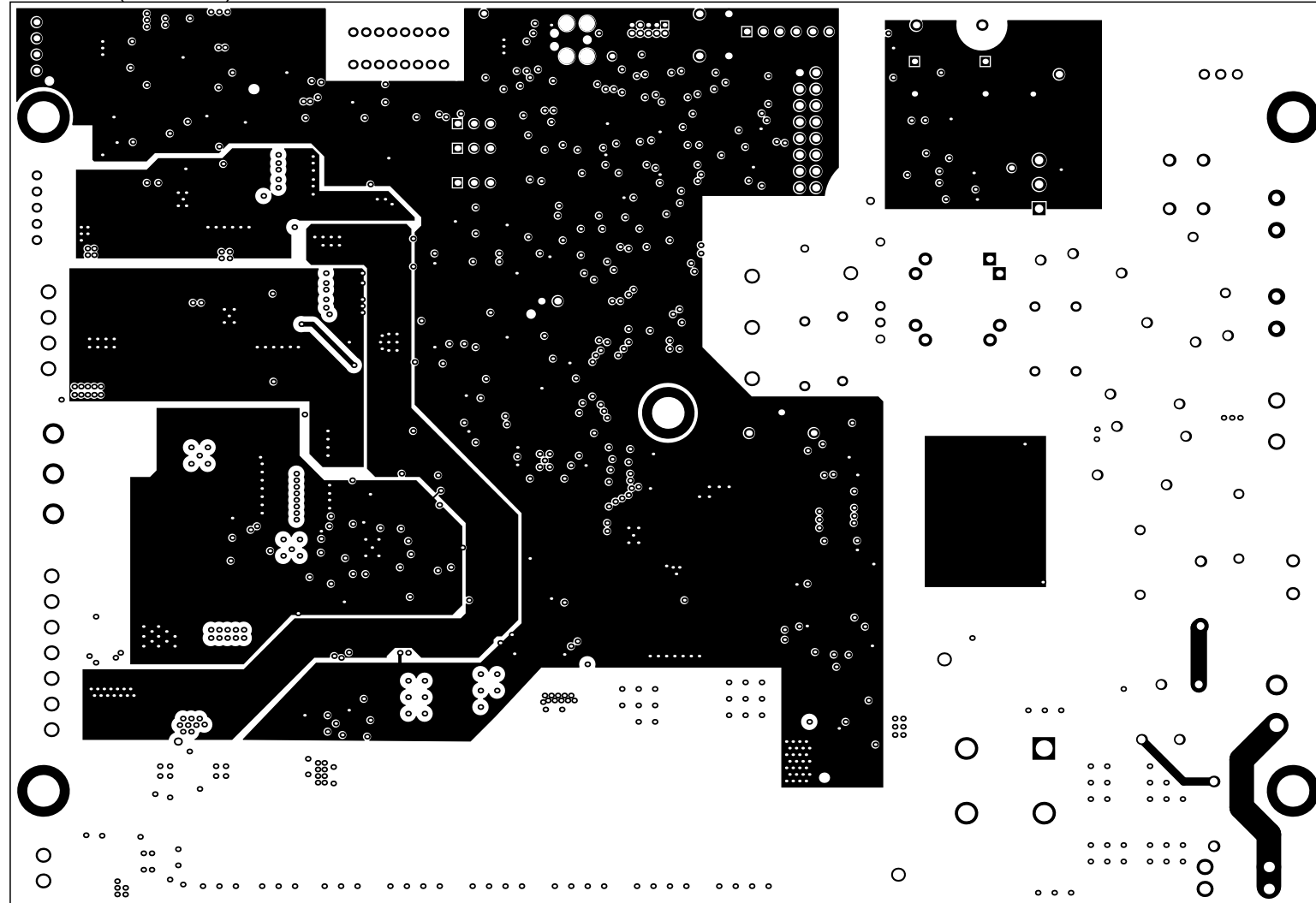


Rod Hinman
808-989-0977
rod@auroraresearch.com
2020-03-06

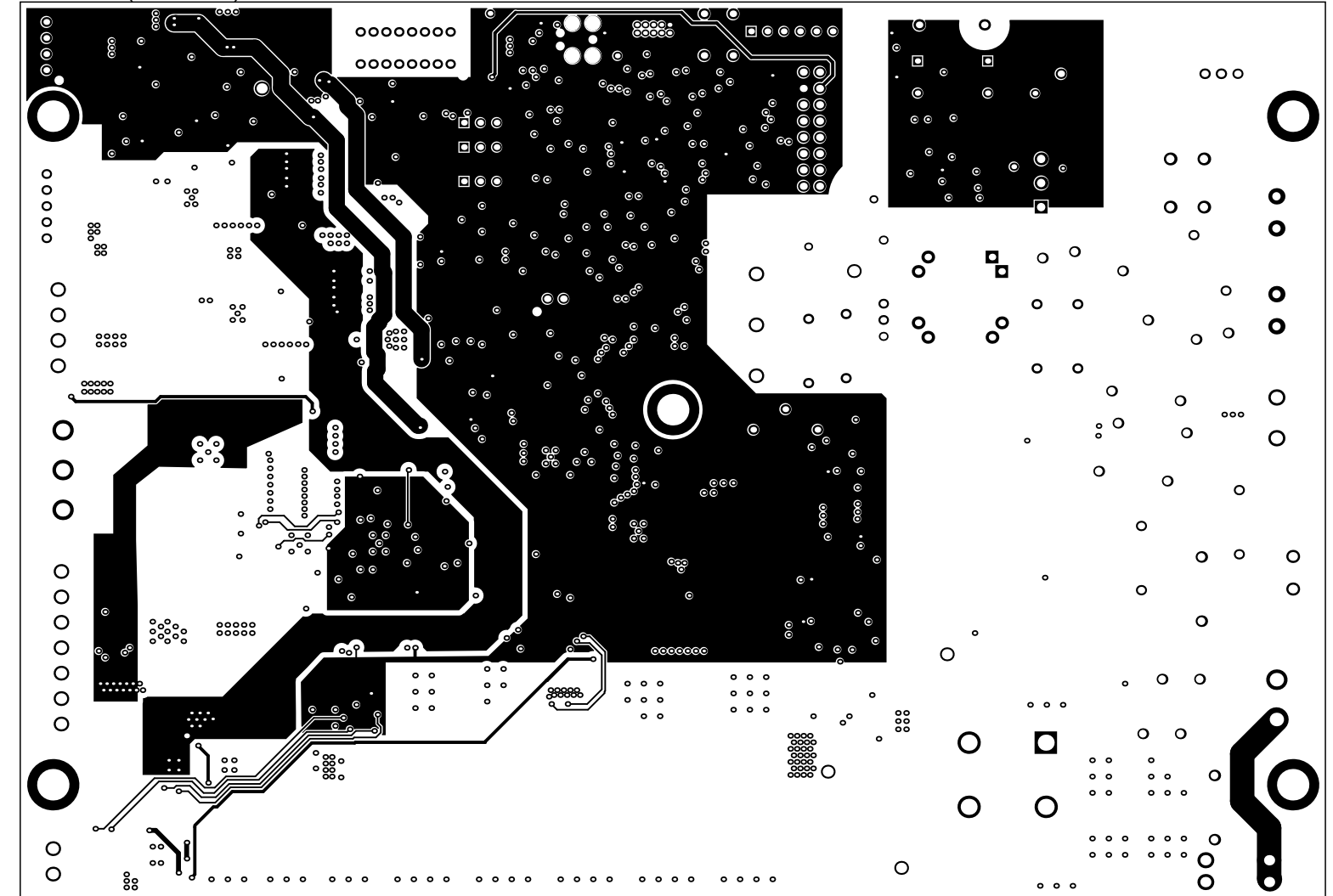
Licensed under CERN-OHL-P v2, see cover page of schematic.

Fabrication Notes

Internal 1 (Scale 1:1)



Internal 2 (Scale 1:1)



Licensed under CERN-OHL-P v2, see cover page of schematic.

New Horizons, GHL

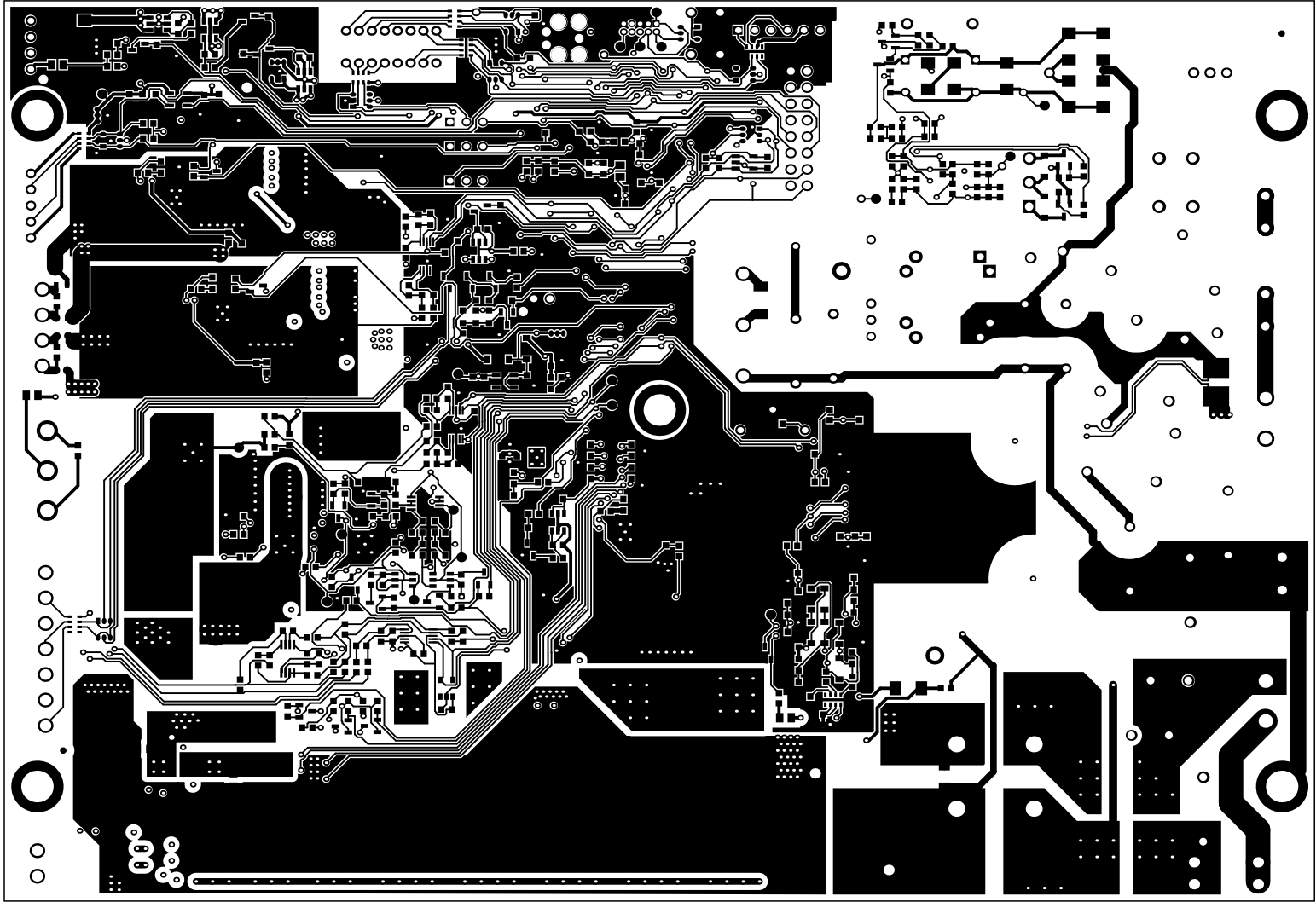
PROJECT
MF2 Solar Power Board

REV
4.1

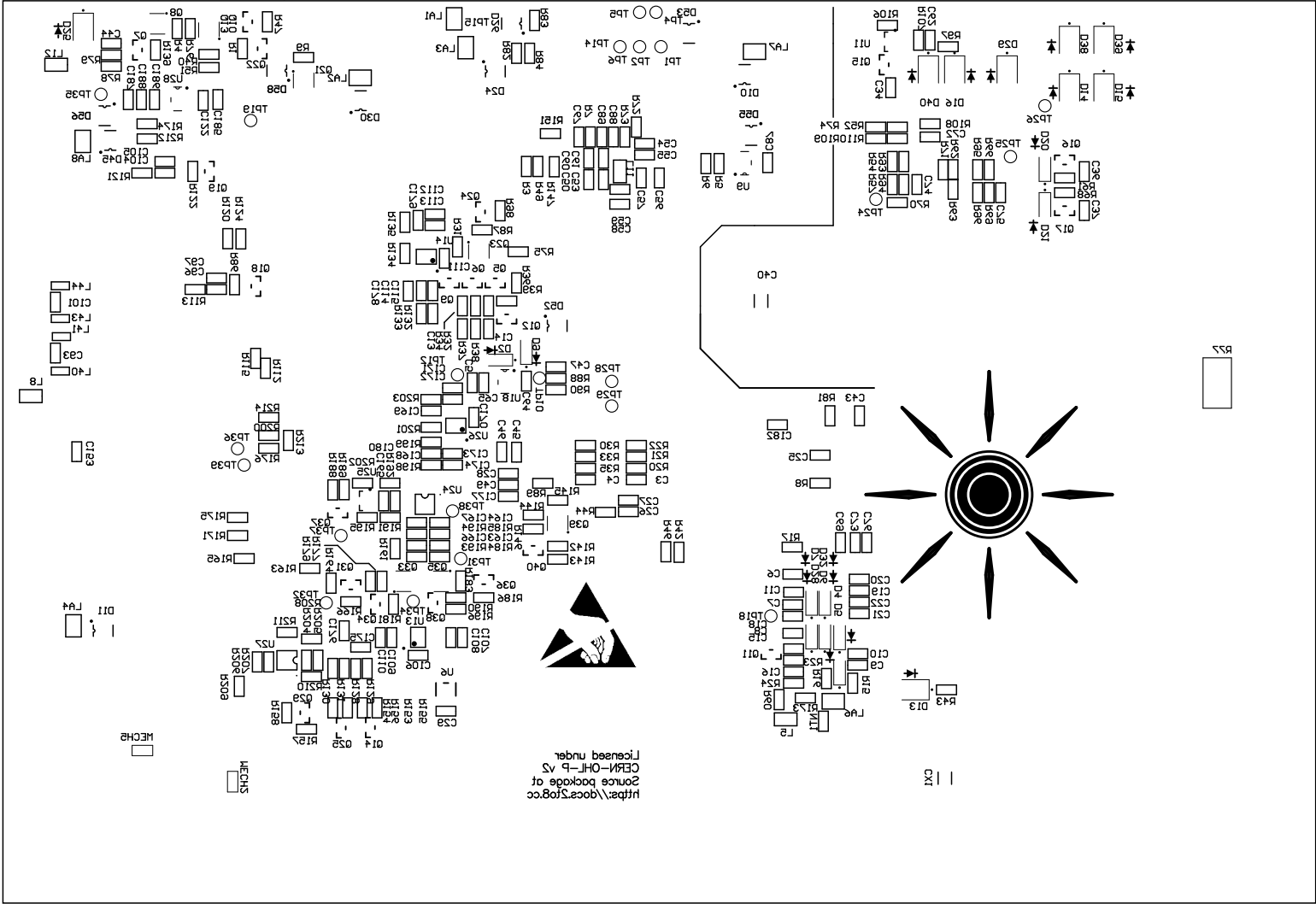


Rod Hinman
808-989-0977
rod@auroraresearch.com
2020-03-06

Bottom Layer (Scale 1:1)



Bottom Overlay (Scale 1:1)



Licensed under CERN-OHL-P v2, see cover page of schematic.

New Horizons, GHL

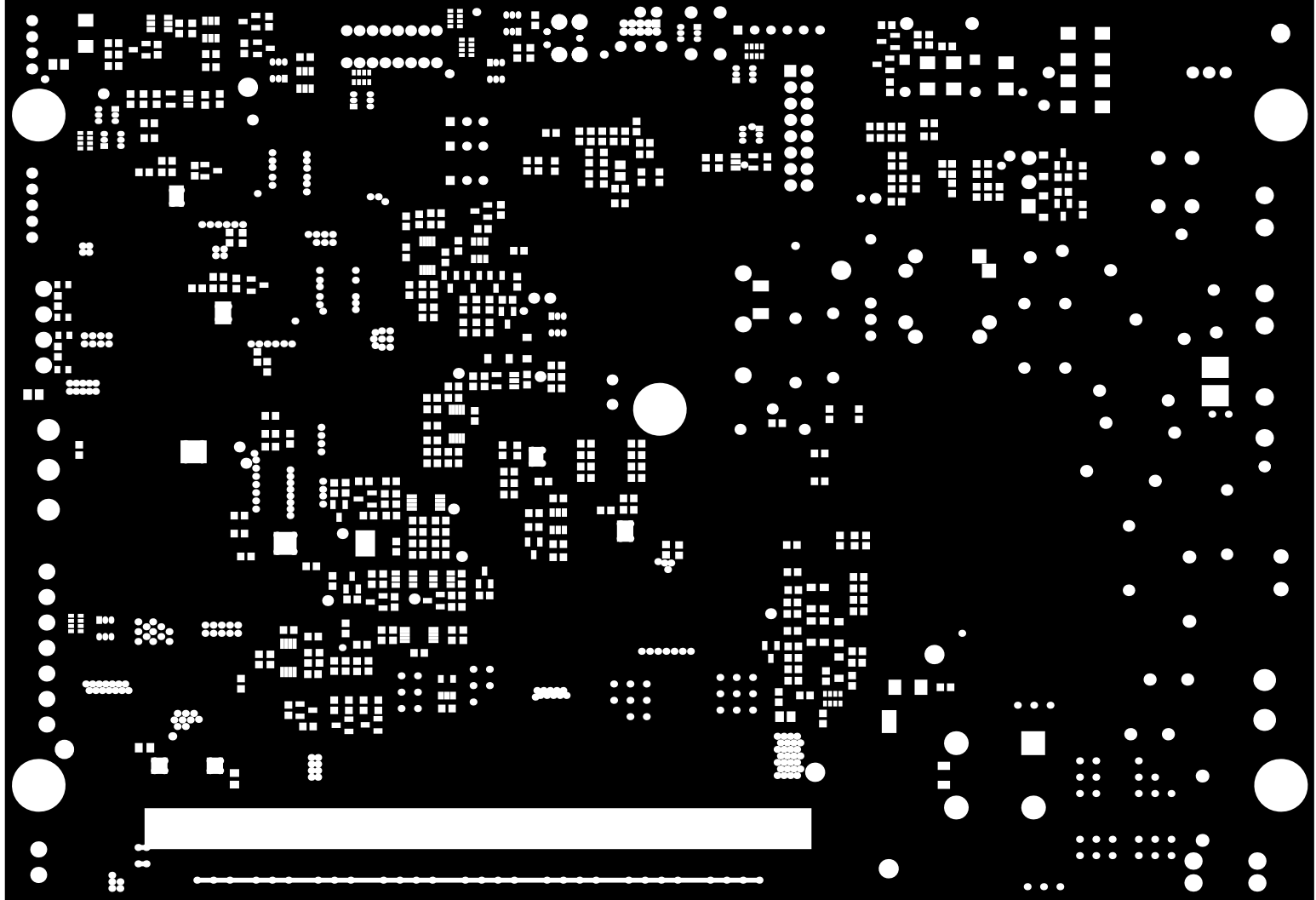
PROJECT
MF2 Solar Power Board

REV
4.1

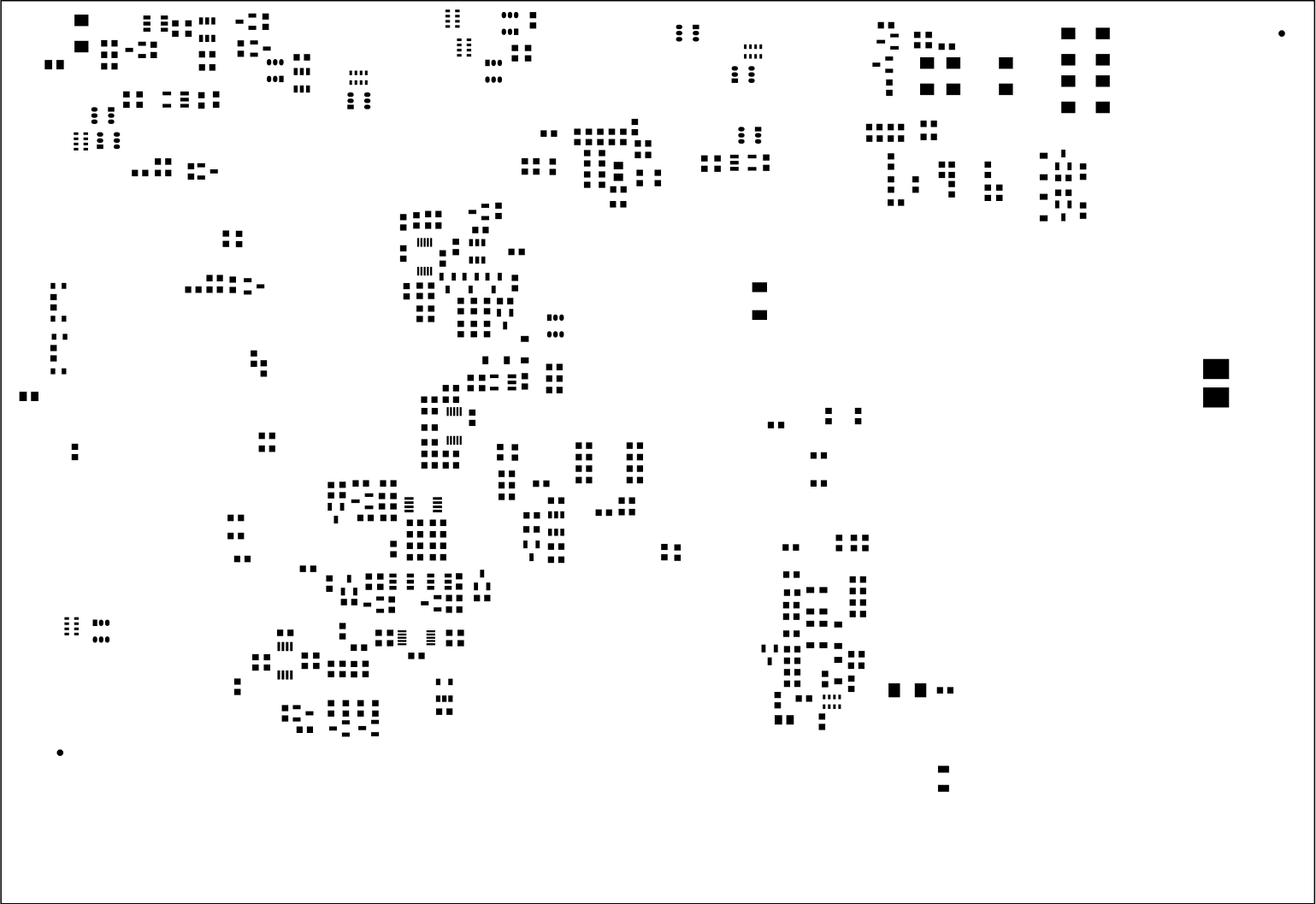


Rod Hinman
808-989-0977
rod@auroraresearch.com
2020-03-06

Bottom Solder (Scale 1:1)



Bottom Paste (Scale 1:1)



Licensed under CERN-OHL-P v2, see cover page of schematic.

New Horizons, GHL

PROJECT
MF2 Solar Power Board

REV
4.1



Rod Hinman
808-989-0977
rod@auroraresearch.com
2020-03-06