Name	xntj5b2p.zip	Id.	39184 - QED OK
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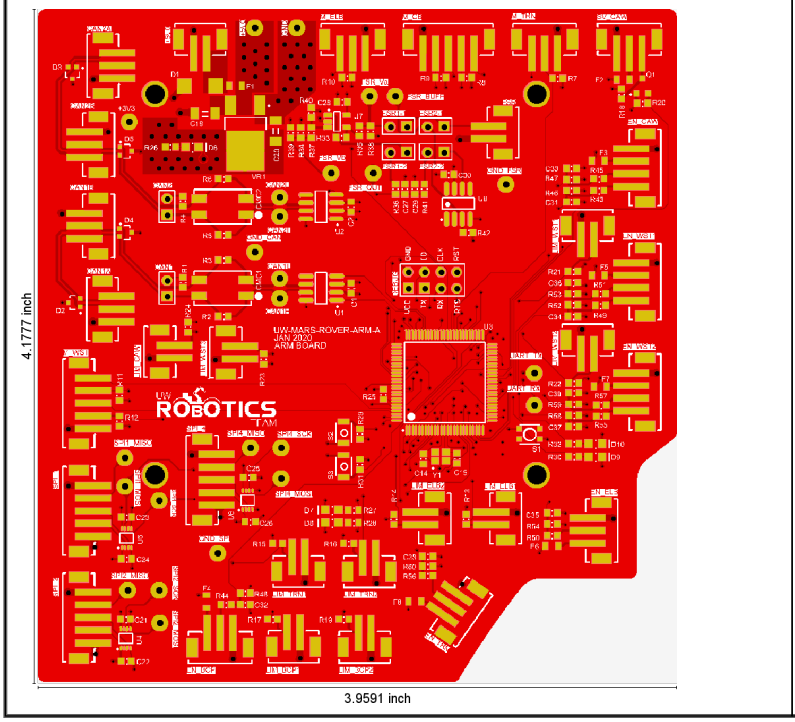
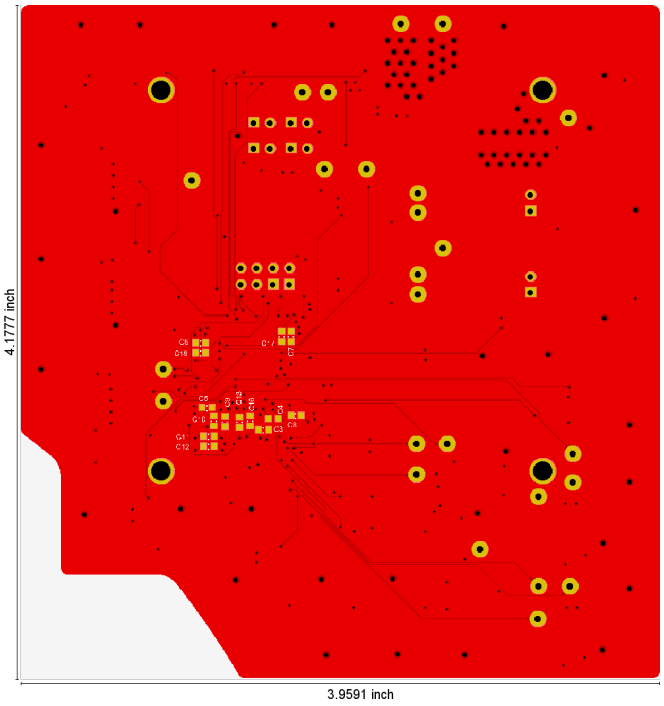
Single PCB View - Original

Top View	Bottom View





Summary - General - Original

PCB Size	3.9591 inch x 4.1777 inch	Surface Finish	unknown
PCB Thickness	62.00 mil	Max. Aspect Ratio on PTH	5.2
Customer Panel Size		Number of Nets	208
Copper Layers	4	Electrical Test	Double Sided
Solder Mask	Both	Drilled SMD Pads	No
Solder Mask Color	Red	SMD Pads Top	540
Legend	Both	SMD Pads Bottom	28
Legend Color	White	BGA Pads Top	0
Peeloff Mask	None	BGA Pads Bottom	0
Carbon Mask	None	Drill Hole Density	23 Holes/inch^2
Edge Connectors	No		

Summary - Copper Layer Minima - Original

Layer Type	Copper Width	Critical Copper Width	Trace Width	Critical Trace Width	Copper to Copper Clr.	Trace to Trace	Same Net Clr.	Ring	Plated	Copper to NPTH Clr.	Copper to Outline Clr.
	mil	mil	mil	mil	mil	mil	mil	mil	mil	mil	mil
Outer	1 6.00	2 6.00	3 6.00	4 6.00	5 5.99	6 5.99	7 3.11	8 5.94	9 11.99	10 26.90	11 51.35
Inner	12 4.99	13 6.00	14 6.00	15 6.00	16 5.99	17 6.00	18 3.22	19 5.98	20 11.99	21 25.67	22 19.81

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Summary - Sequences - Original

Type	Sequences	Tools	Min. End Dia.	Max. End Dia.	Holes	Moves	Min. Ring on Outer	Min. Ring on Inner	Min. Hole to Copper Clr.
			mil	mil			mil	mil	mil
PTH	1	4	12.00	40.16	348	0	5.94	5.98	11.99
NPTH	1	1	118.11	118.11	4	0	>32.00	>32.00	25.67
Total	2	5	12.00	118.11	352	0	5.94	5.98	11.99

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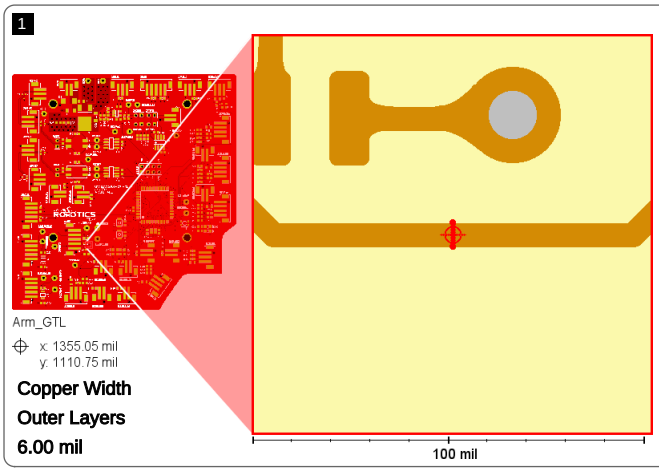
Summary Minimum Design Characteristics - Locations - Original

1



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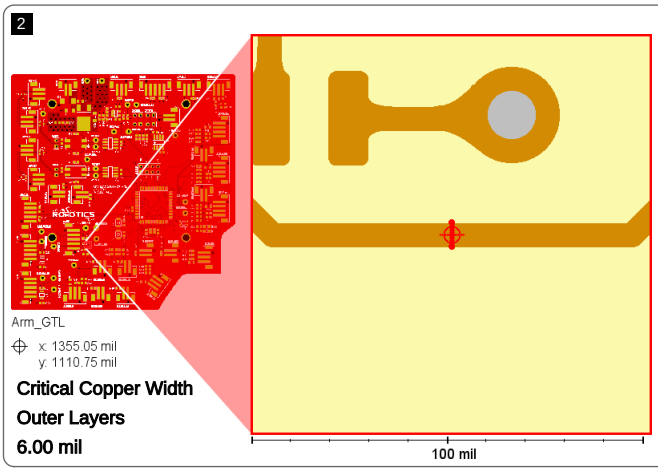

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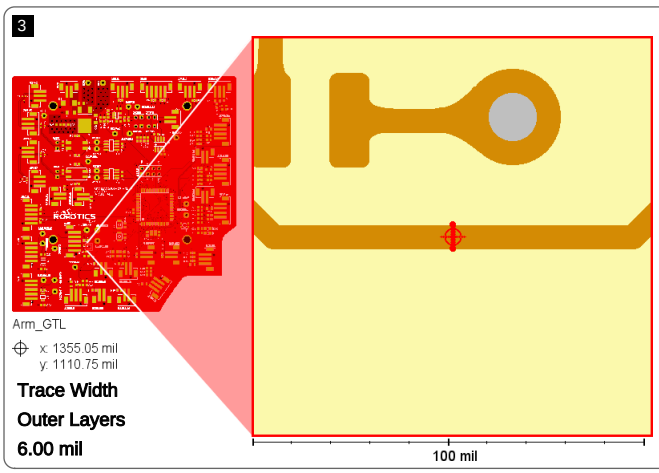

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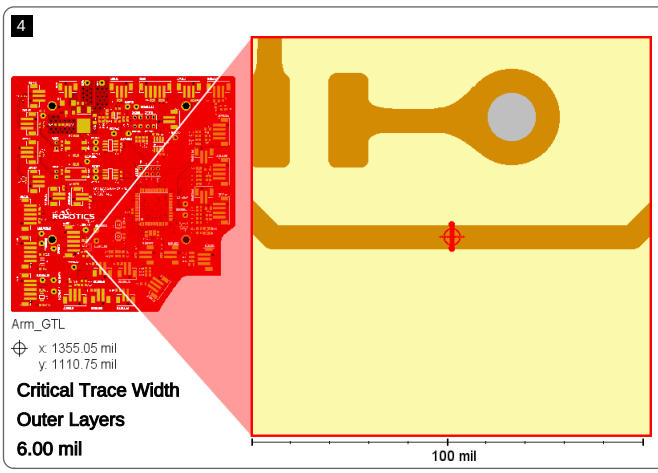

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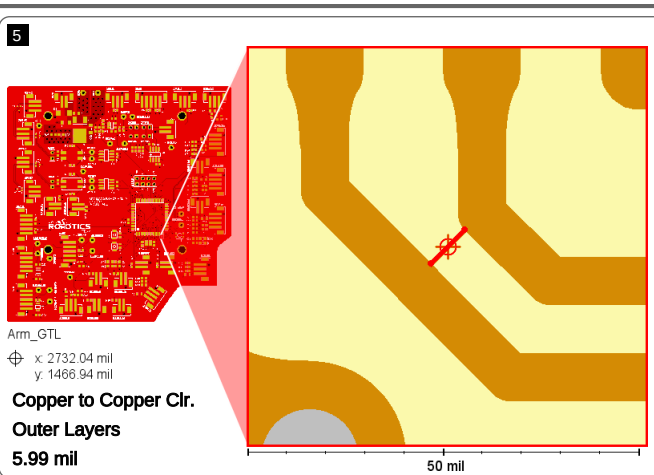

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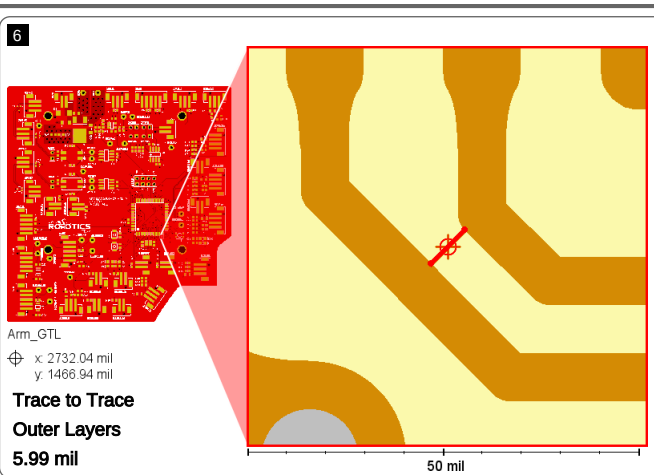

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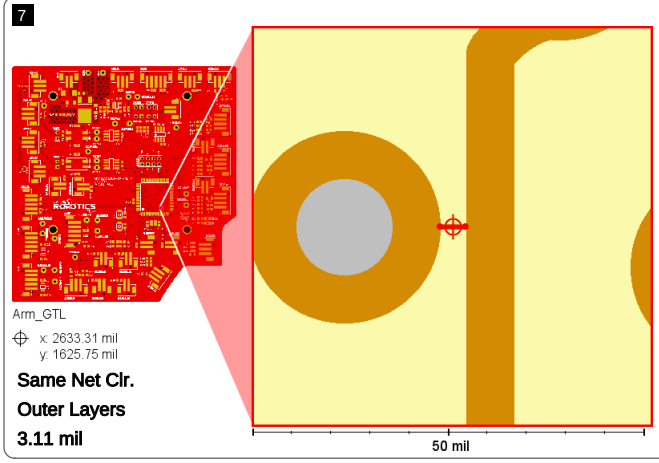
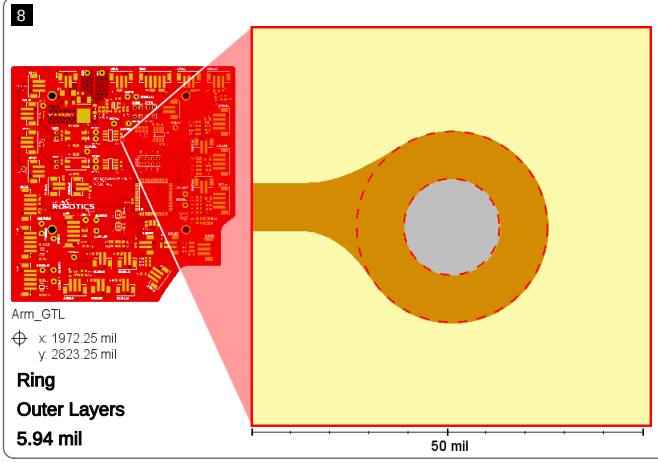
7



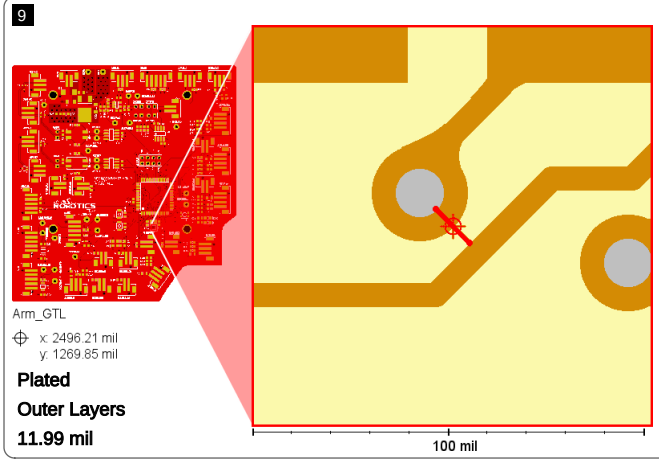
Same Net Clr.
Outer Layers
3.11 mil

8



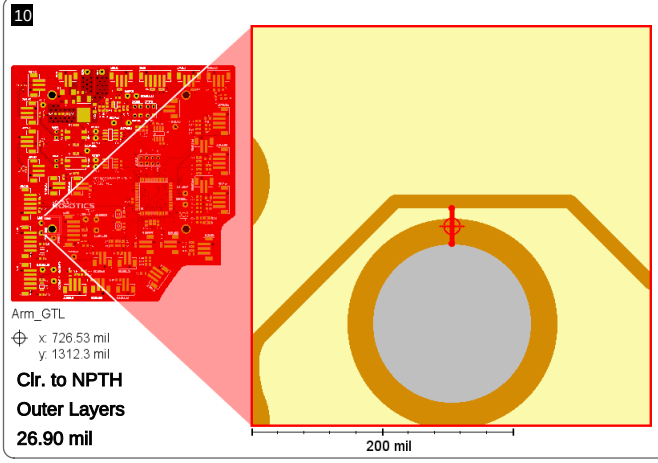
Ring
Outer Layers
5.94 mil

9



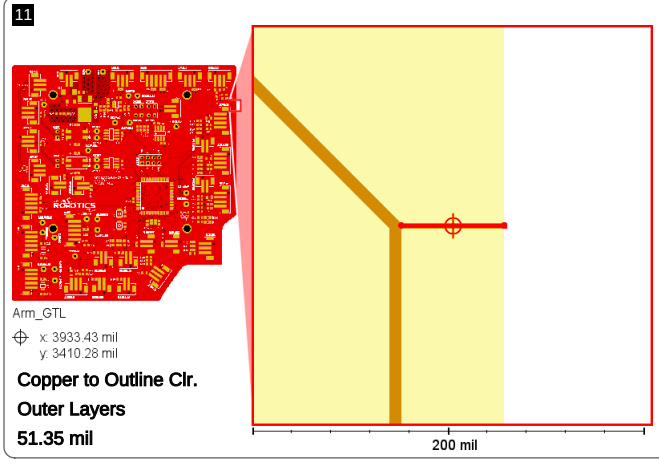
Plated
Outer Layers
11.99 mil

10



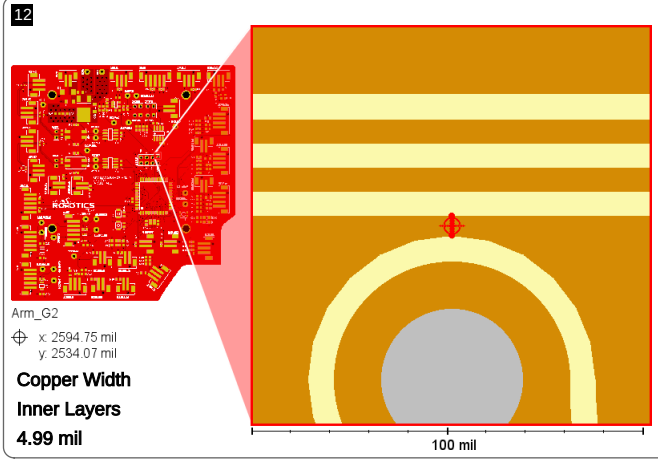
Clr. to NPTH
Outer Layers
26.90 mil

11



Copper to Outline Clr.
Outer Layers
51.35 mil

12



Copper Width
Inner Layers
4.99 mil

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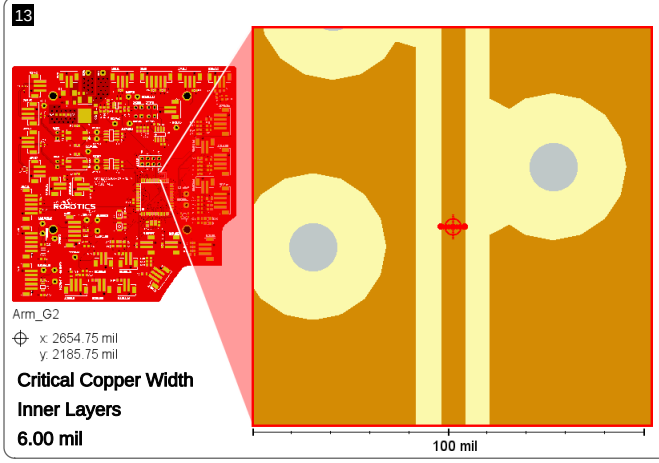
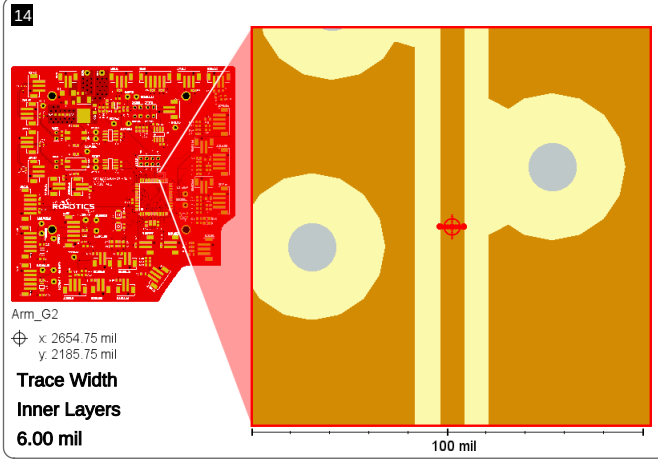
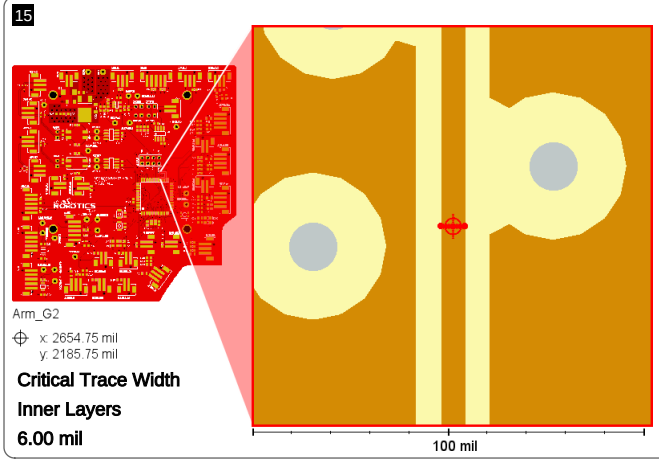


14



15



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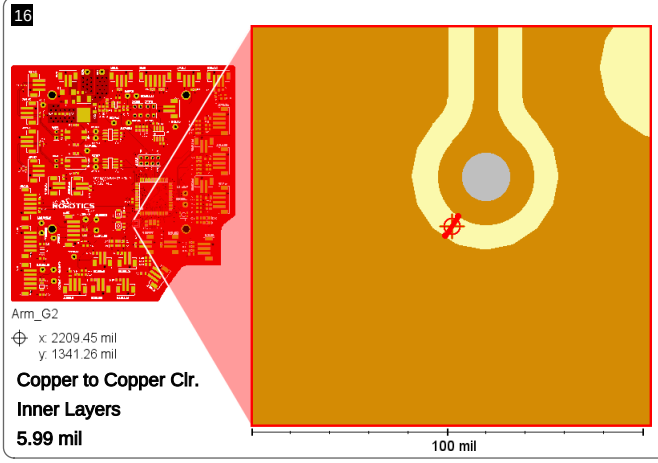

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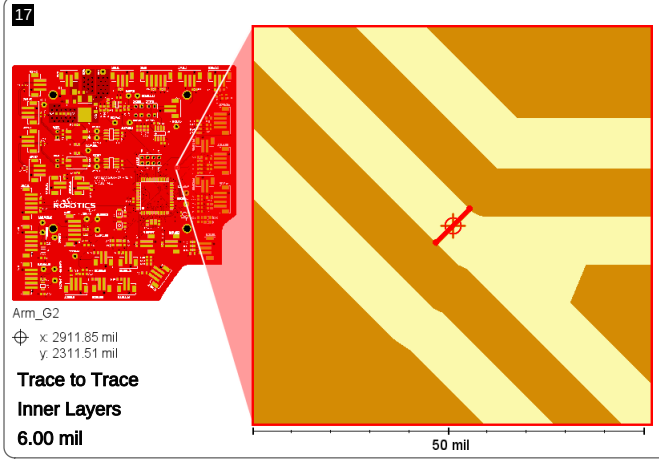

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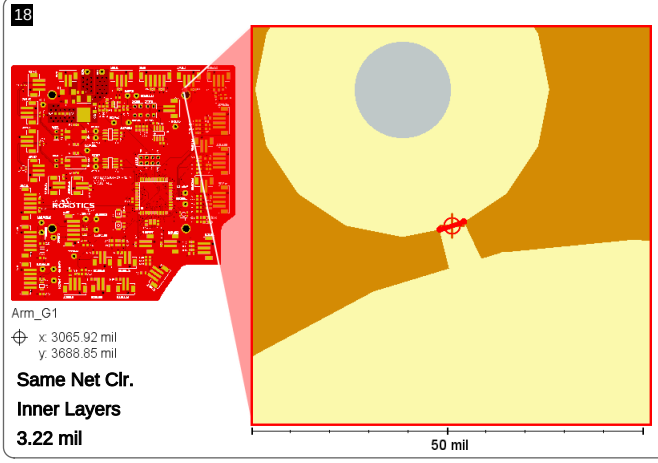

Name	xntj5b2p.zip	Id.	39184 - QED OK
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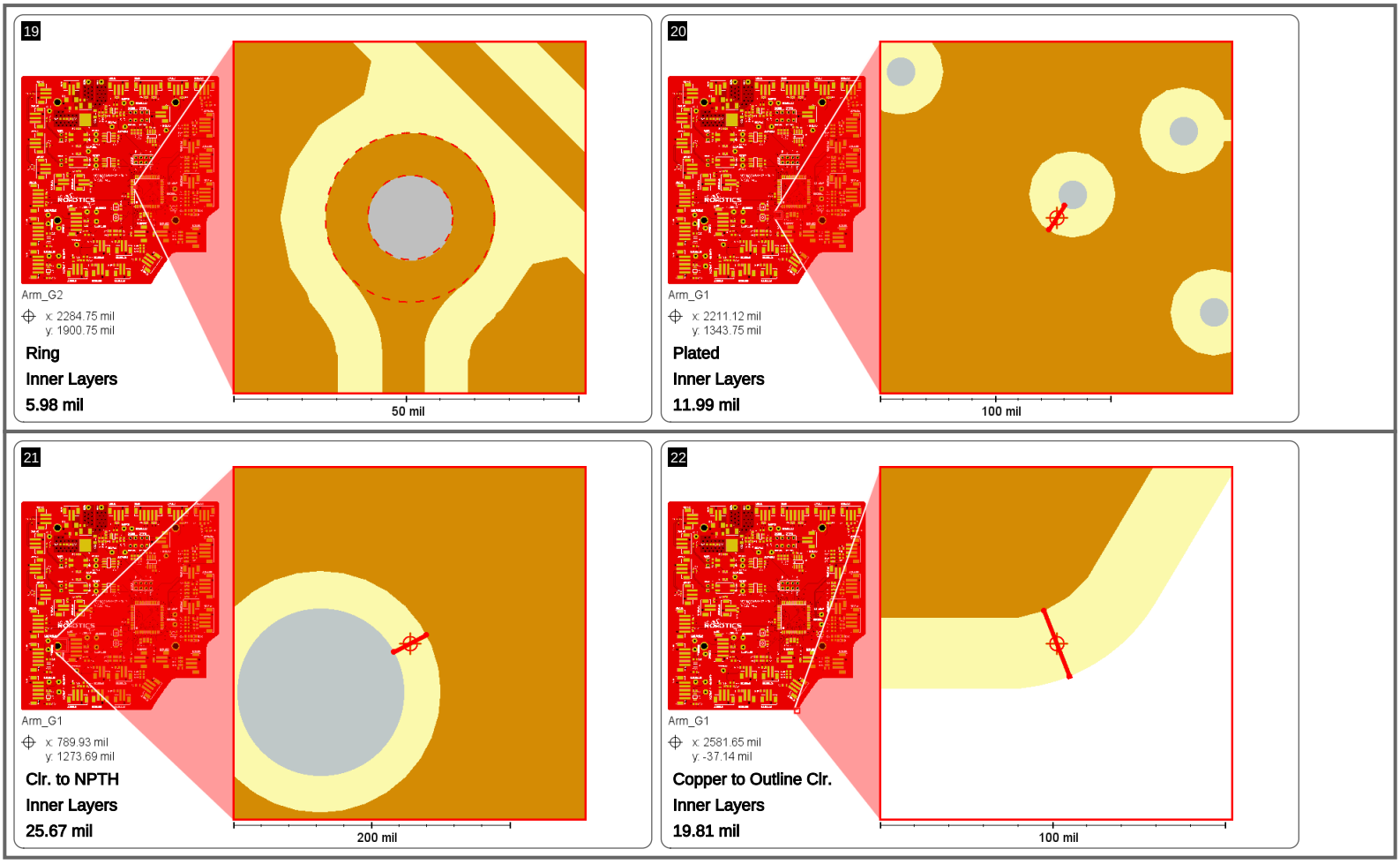
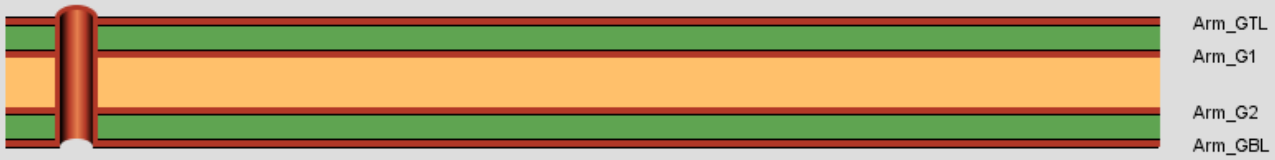


Stackup - Original



Pressing Stages	1

Copper Layer Minima & Area - Original

File	Pos.	Copper Width	Critical Copper Width	Trace Width	Critical Trace Width	Copper to Copper Clr.	Same Net Clr.	Copper Area	
		mil	mil	mil	mil	mil	mil	inch^2	%
Arm_GTL	1	6.00	6.00	6.00	6.00	5.99	3.11	3.2811	21
Arm_G1	2	5.00	>16.00	>16.00	>16.00	>32.00	3.22	14.6597	94
Arm_G2	3	4.99	6.00	6.00	6.00	5.99	3.22	14.2688	91
Arm_GBL	4	6.00	6.00	6.00	6.00	5.99	8.00	0.8653	6

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Copper Layer Minima - Copper vs Drill - Original

File	Pos.	Ring					Copper vs Drill Clr.		Copper to Outline Clr.			
		Overall	Via	Laser Via	Comp.	Mech.	Plated	NPTH	Overall	Pad to Outline	Track to Outline	Region to Outline
		mil	mil	mil	mil	mil	mil	mil	mil	mil	mil	mil
Arm_GTL	1	5.94	5.94		11.78		11.99	26.90	51.35	>64.00	51.35	>64.00
Arm_G1	2	12.05	12.05		>32.00		11.99	25.67	19.81	>64.00	>64.00	19.81
Arm_G2	3	5.98	5.98		11.82		11.99	25.67	19.81	>64.00	>64.00	19.81
Arm_GBL	4	5.94	5.94		11.82		11.99	32.67	>64.00	>64.00	>64.00	>64.00

Drill Tools - Original

File	Tool Nr.	Span	Type	Method	Filled Via	Counter	Dia.	Tol. Min	Tol. Plus	Holes (in PCB)	Moves (in PCB)	Double Hits (in File)	Predrill Hits (in File)
							mil	mil	mil				
Arm_TXT	1	1-4	PTH	unknown	unknown	unknown	12.00	0.00	0.00	224	0	0	0
Arm_TXT	2	1-4	PTH	unknown	unknown	unknown	28.00	0.00	0.00	79	0	0	0
Arm_TXT	3	1-4	PTH	unknown	unknown	unknown	35.43	0.00	0.00	20	0	0	0
Arm_TXT	4	1-4	PTH	unknown	unknown	unknown	40.16	0.00	0.00	25	0	0	0
Arm_TXT	5	1-4	NPTH	unknown	unknown	unknown	118.11	0.00	0.00	4	0	0	0

Drill Tools - Drill vs Copper - Original

File	Tool Nr.	Span	Type	Method	Dia.	Min. Ring on Outer	Min. Ring on Inner	Min. Pad Size
					mil	mil	mil	mil
Arm_TXT	1	1-4	PTH	unknown	12.00	5.94	5.98	23.88
Arm_TXT	2	1-4	PTH	unknown	28.00	10.98	17.61	49.96
Arm_TXT	3	1-4	PTH	unknown	35.43	11.78	11.82	58.99
Arm_TXT	4	1-4	PTH	unknown	40.16	29.86	29.92	99.88
Arm_TXT	5	1-4	NPTH	unknown	118.11	>32.00	>32.00	

Sequences - Original

Span	Type	Tools	Min. End Dia.	Max. End Dia.	Holes	Min. Ring on Outer	Min. Ring on Inner	Min. Hole to Copper Clr.	Min. Hole to Outline Clr.	Min. Slot to Outline Clr.
			mil	mil		mil	mil	mil	mil	mil
1-4	PTH	4	12.00	40.16	348	5.94	5.98	11.99	75.52	disabled
1-4	NPTH	1	118.11	118.11	4	>32.00	>32.00	25.67	>256.00	disabled
All	All	5	12.00	118.11	352	5.94	5.98	11.99	75.52	disabled

Rout Tools - Original

File	Tool Nr.	Type	Tool Dia.	End Dia.	Draw Length	Nibble Count
			mil	mil	mil	

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Routed Holes - Original

File	Hole Nr.	Instances	X Size	Y Size	Draw Length	Nibble Count
			mil	mil	mil	

Solder Mask - Original

Side	Min. Mask to Mask Clr.	Min. Web	Min. Ring on Cu Defined Pads	Min. Ring on SM Defined Pads	Min. Mask to Copper Clr.	Fully Covered Via Holes	Partly Covered Via Holes	Half Mask Vias
	mil	mil	mil	mil	mil			
Top	>10.00	1.84	4.00	>10.00	0.34	Yes	No	
Bottom	>10.00	8.10	4.00	>10.00	2.00	Yes	No	
Both	>10.00	1.84	4.00	>10.00	0.34	Yes	No	No

Files - Original

Initial	Renamed	Format	Function	Position	Color
Arm.GTP	Arm_GTP	ger274x	paste	top	
Arm.GTO	Arm_GTO	ger274x	silk	top	white
Arm.GTS	Arm_GTS	ger274x	mask	top	red
Arm.GTL	Arm_GTL	ger274x	outer	1	
Arm.G1	Arm_G1	ger274x	inner	2	
Arm.G2	Arm_G2	ger274x	inner	3	
Arm.GBL	Arm_GBL	ger274x	outer	4	
Arm.GBS	Arm_GBS	ger274x	mask	bottom	red
Arm.GBO	Arm_GBO	ger274x	silk	bottom	white
Arm.GBP	Arm_GBP	ger274x	paste	bottom	
Arm.TXT	Arm_TXT	excellon2	mixed	1-4	
Arm.GM3	Arm_GM3	ger274x	mechanical	none	
Arm-macro.APR_LIB		text	document		
Arm.DRR		text	document		
Arm.EXTREP		text	document		
Arm.LDP		text	document		
Arm.REP		text	document		
Arm.RUL		text	document		
Arm.apr		text	document		

Input Remarks - Original

Gerber import: Self-intersecting contours are detected, continuing with an interpretation of the contours. 'Arm.GTL' (at line 2170)

Gerber import: Self-intersecting contours are detected, continuing with an interpretation of the contours. 'Arm.GTO' (at line 67)

Comments - Original