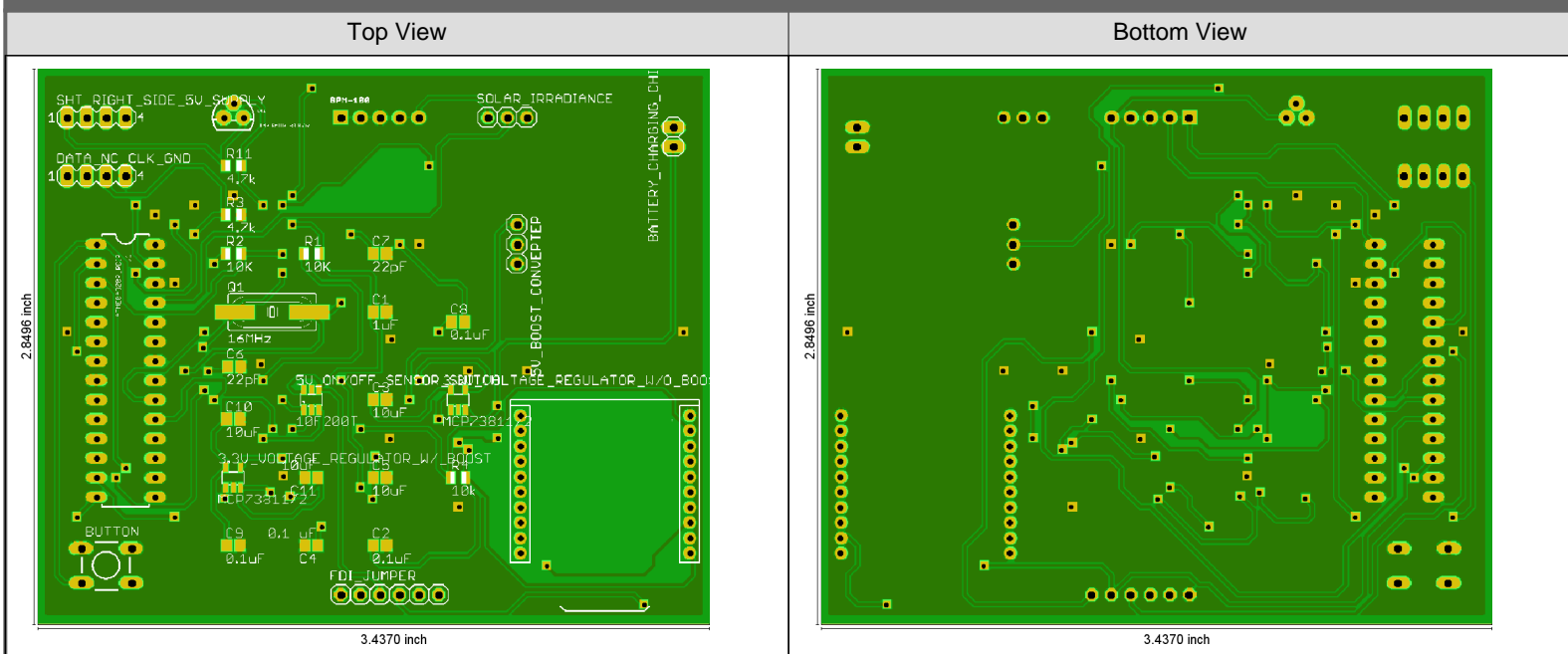


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## Single PCB View



## Summary - General

PCB Size	3.4370 inch x 2.8496 inch	Copper Layers	2
PCB Thickness	62.00 mil	Solder Mask	Both
Customer Panel Size		Solder Mask Color	Green
SMD Pads Top	116	Legend	Top Only
SMD Pads Bottom	66	Legend Color	White
SMD Density Top	12 SMD/inch <sup>2</sup>	Peeloff Mask	None
SMD Density Bottom	7 SMD/inch <sup>2</sup>	Carbon Mask	None
Number of Nets	55	Drill Hole Density	15 Holes/inch <sup>2</sup>
Electrical Test	Double Sided	Holes in SMD Pads	Yes
Max. Aspect Ratio on PTH	2.6	Edge Connectors	No

## Summary - Copper Layers

Layer Type	Min. Line Width	Min. Ring	Min. Clr. to Copper	Min. Clr. to Plated Hole	Min. Clr. to NPTH	Min. Clr. to Outline
	mil	mil	mil	mil	mil	mil
Outer	6 16.00	7 8.00	8 7.99	9 16.00	10	40.00
Inner						

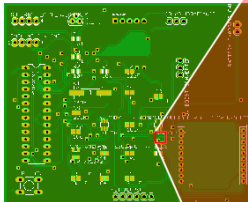
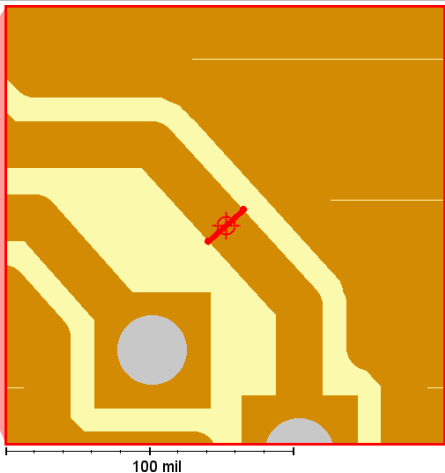
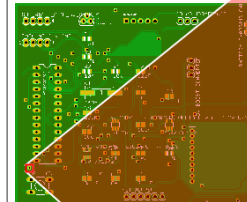
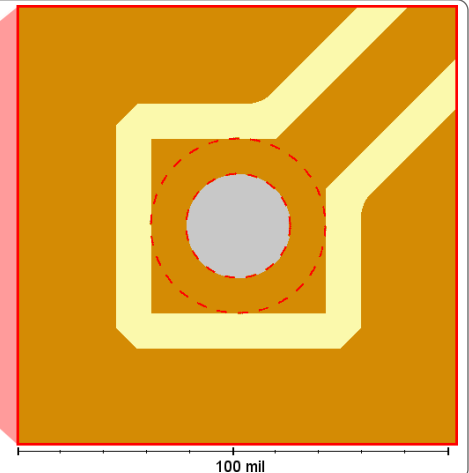
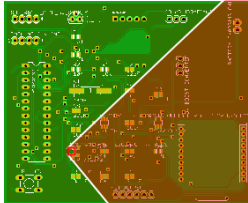
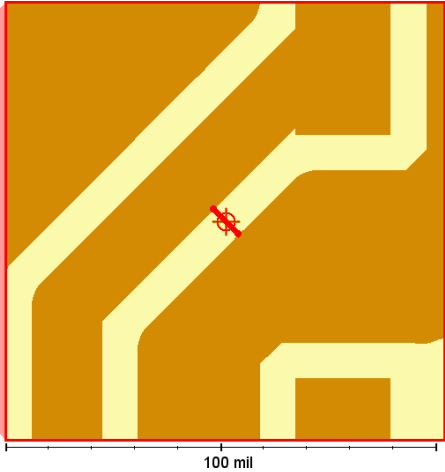
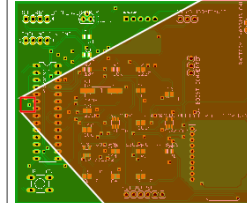
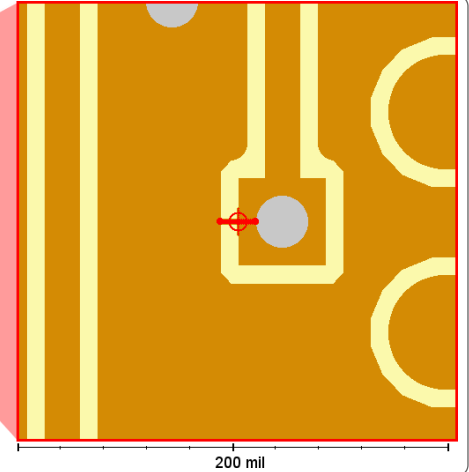
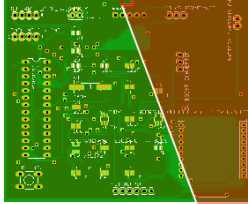
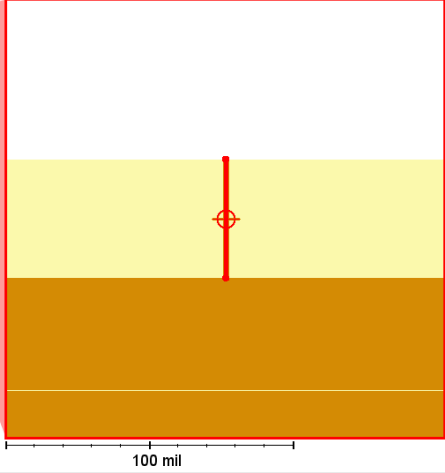
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### Summary - Sequences

Type	Sequences	Tools	Min. End Dia.	Max. End Dia.	Holes	Min. Ring on Outer	Min. Ring on Inner	Min. Clr. Hole to Copper
			mil	mil		mil	mil	mil
Blind	0							
Buried	0							
PTH	1	5	23.62	40.00	148	8.00		16.00
Plated (Total)	1	5	23.62	40.00	148	8.00		16.00
NPTH	0							
Total	1	5	23.62	40.00	148	8.00		16.00

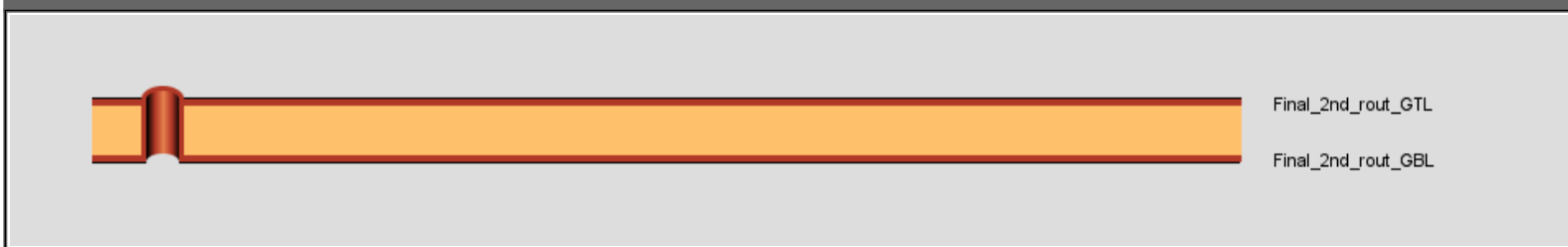
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## Summary Minimum Design Characteristics - Locations

<p><b>6</b></p>  <p>Final_2nd_rout_GBL          ⊕ x: 2293.15 mil          y: 1090.33 mil</p> <p><b>Min. Line Width Outer Layers 16.00 mil</b></p>  <p>100 mil</p>	<p><b>7</b></p>  <p>Final_2nd_rout_GTL          ⊕ x: 318.0 mil          y: 668.0 mil</p> <p><b>Min. Ring Outer Layers 8.00 mil</b></p>  <p>100 mil</p>
<p><b>8</b></p>  <p>Final_2nd_rout_GTL          ⊕ x: 1054.13 mil          y: 875.74 mil</p> <p><b>Min. Clearance Outer Layers 7.99 mil</b></p>  <p>100 mil</p>	<p><b>9</b></p>  <p>Final_2nd_rout_GTL          ⊕ x: 298.19 mil          y: 1518.0 mil</p> <p><b>Min. Clr. to Plated Outer Layers 16.00 mil</b></p>  <p>200 mil</p>
<p><b>10</b></p>  <p>Final_2nd_rout_GTL          ⊕ x: 1836.5 mil          y: 2947.61 mil</p> <p><b>Clr. to Outline Outer Layers 40.00 mil</b></p>  <p>100 mil</p>	

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### Stackup



### Copper Layers

File	Pos.	Min. Line Width	Min. Ring	Min. Clr. to Copper	Min. Same Net spacing	Min. Clr. to Plated Hole	Min. Clr. to NPTH	Min. Clr. to Outline	Copper Area	
									mil	mil
Final_2nd_rout_GTL	1	>16.00	8.00	7.99	7.00	16.00		40.00	7.3621	75
Final_2nd_rout_GBL	2	16.00	8.00	8.00	0.53	16.00		40.00	8.3258	85

### Drill Tools

File	Tool Nr.	Span	Type	Method	FilledVia	Countered	End Dia.	Holes (in PCB)	Moves (in PCB)	Double Hits (in File)	Predrill Hits (in File)	Min. Ring on Outer	Min. Ring on Inner	Min. Pad Size
Final_2nd_rout_TXT	1	1-2	PTH	unknown	unknown	unknown	23.62	66	0	0	0	8.00		39.62
Final_2nd_rout_TXT	2	1-2	PTH	unknown	unknown	unknown	31.50	20	0	0	0	14.25		60.00
Final_2nd_rout_TXT	3	1-2	PTH	unknown	unknown	unknown	32.00	31	0	0	0	10.00		52.00
Final_2nd_rout_TXT	4	1-2	PTH	unknown	unknown	unknown	39.37	9	0	0	0	10.00		59.37
Final_2nd_rout_TXT	5	1-2	PTH	unknown	unknown	unknown	40.00	22	0	0	0	10.00		60.00

### Sequences

Span	Type	Tools	Min. End Dia.	Max. End Dia.	Holes	Min. Ring on Outer	Min. Ring on Inner	Min. Ring on Outer NPTH	Min. Ring on Inner NPTH	Min. Clr. Hole to Copper	Min. Clr. Hole to Outline	Min. Clr. Track to Outline
1-2	PTH	5	23.62	40.00	148	8.00				16.00	87.80	disabled
All	Plated	5	23.62	40.00	148	8.00				16.00	87.80	disabled
All	All	5	23.62	40.00	148	8.00				16.00	87.80	disabled

### Rout Tools

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

### Routed Holes

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

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Solder Mask							
Side	Min. Positive Ring	Min. Ring on SM Defined Pads	Min. Clr. Mask to Mask	Min. Web	Min. Clr. Mask to Copper	Fully Covered Via Holes	Partly Covered Via Holes
	mil	mil	mil	mil	mil		
Top	4.00		8.14	2.38	2.34	No	No
Bottom	4.00		8.14	2.38	2.34	No	No

Files						
Initial	Renamed	Format	Function	Position	Color	
Final_2nd_rout.GTO	Final_2nd_rout_GTO	ger274x	silk	top	white	
Final_2nd_rout.GTS	Final_2nd_rout_GTS	ger274x	mask	top	green	
Final_2nd_rout.GTL	Final_2nd_rout_GTL	ger274x	outer	1		
Final_2nd_rout.GBL	Final_2nd_rout_GBL	ger274x	outer	2		
Final_2nd_rout.GBS	Final_2nd_rout_GBS	ger274x	mask	bottom	green	
Final_2nd_rout.TXT	Final_2nd_rout_TXT	excellon2	plated	1-2		

Input Remarks
Gerber import: Zero size aperture 10. 'Final_2nd_rout.GTL'

Comments