Name	25tck0ve.zip	Id.	27830 - QED OK
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Single PCB View - Original

Top View	Bottom View
2.9375 inch	2.9375 inch
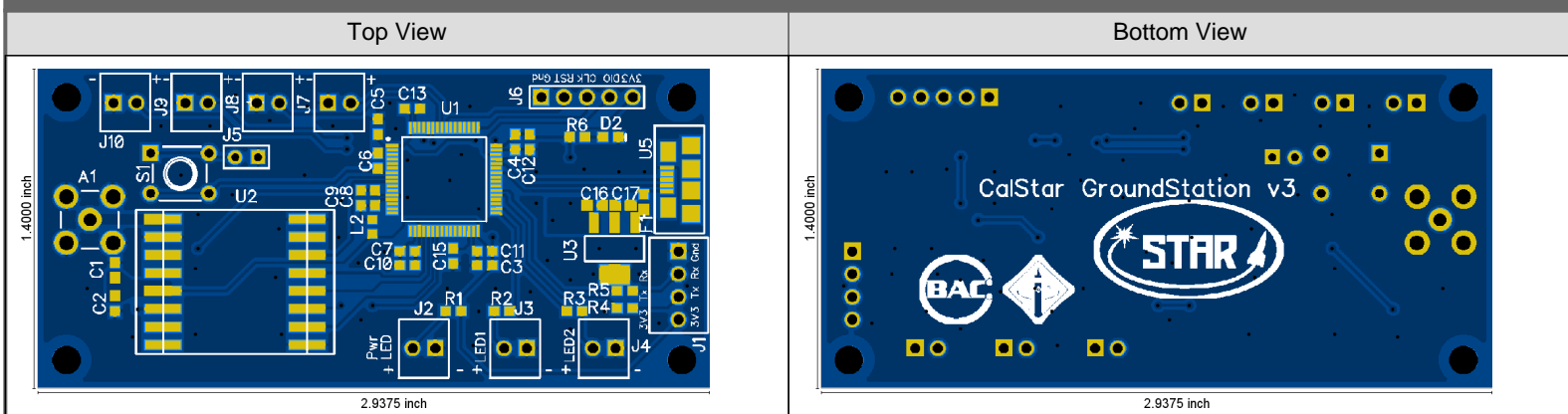
Summary - General - Original

PCB Size	2.9375 inch x 1.4000 inch	Surface Finish	unknown
PCB Thickness	62.00 mil	Max. Aspect Ratio on PTH	4.5
Customer Panel Size		Number of Nets	77
Copper Layers	2	Electrical Test	Single Sided
Solder Mask	Both	Drilled SMD Pads	No
Solder Mask Color	Blue	SMD Pads Top	145
Legend	Both	SMD Pads Bottom	0
Legend Color	White	BGA Pads Top	0
Peeloff Mask	None	BGA Pads Bottom	0
Carbon Mask	None	Drill Hole Density	25 Holes/inch^2
Edge Connectors	No		

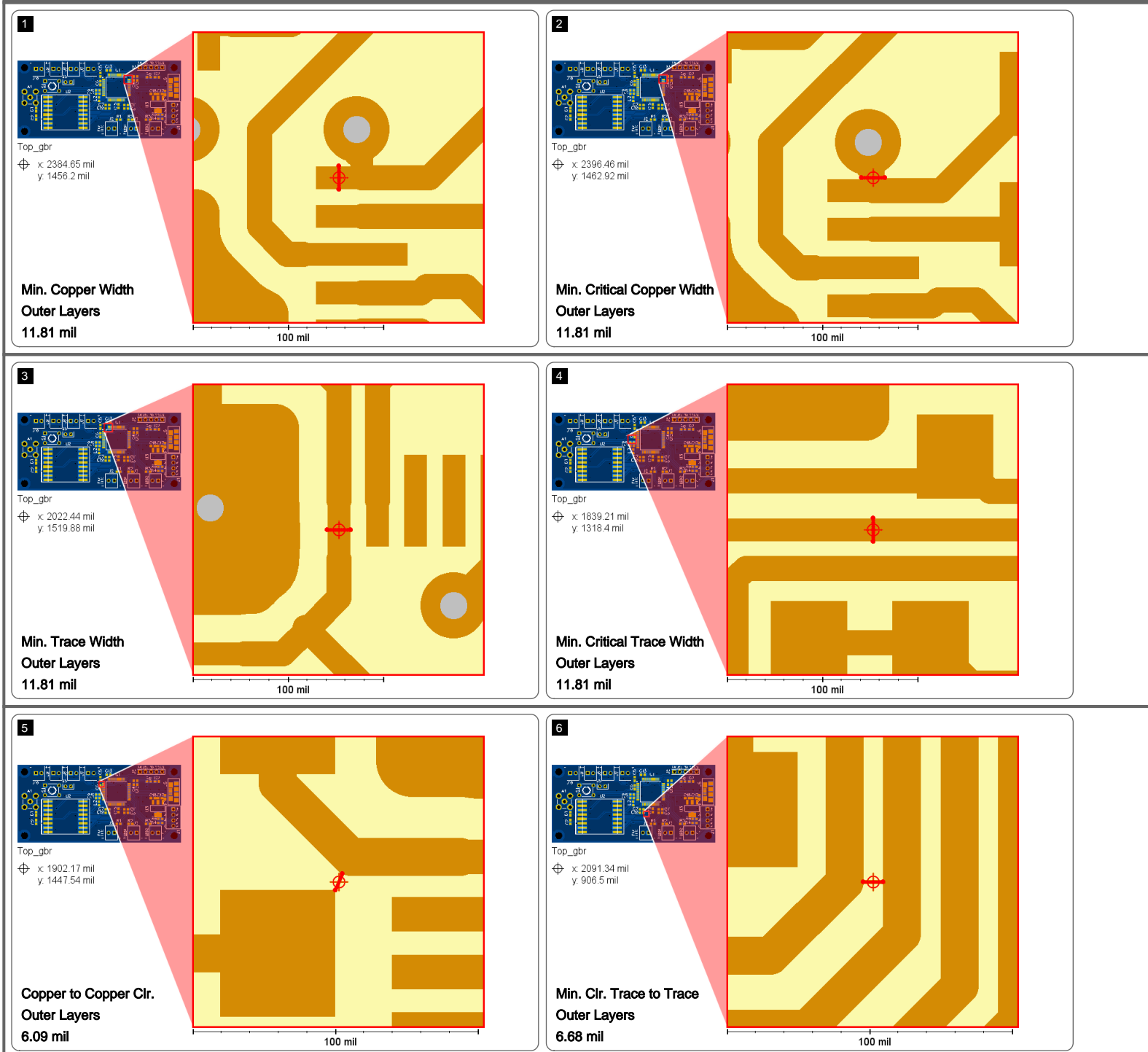## Summary - Copper Layers - Original

Layer Type	Min. Copper Width	Min. Critical Copper Width	Min. Trace Width	Min. Critical Trace Width	Min. Clr. Copper to Copper	Min. Clr. Trace to Trace	Min. Same Net Spacing	Min. Ring	Copper to Plated Clr.	Copper to NPTH Clr.	Copper to Outline Clr.
	mil	mil	mil	mil	mil	mil	mil	mil	mil	mil	mil
Outer	[1] 11.81	[2] 11.81	[3] 11.81	[4] 11.81	[5] 6.09	[6] 6.68	[7] 11.80	[8] 10.11	[9] 17.10	[10] 47.40	[11] 25.98

Summary - Sequences - Original

Type	Sequences	Tools	Min. End Dia.	Max. End Dia.	Holes	Moves	Min. Ring on Outer	Min. Ring on Inner	Min. Clr. Hole to Copper
			mil	mil			mil	mil	mil
Blind	0								
Buried	0								
PTH	1	6	13.78	64.17	99	0	10.11		17.10
Plated (Total)	1	6	13.78	64.17	99	0	10.11		17.10
NPTH	1	1	125.00	125.00	4	0	>32.00		47.40
Total	2	7	13.78	125.00	103	0	10.11		17.10

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Summary Minimum Design Characteristics - Locations - Original

1

Top_gbr

x: 2384.65 mil
y: 1456.2 mil

Min. Copper Width
Outer Layers
11.81 mil

100 mil

2

Top_gbr

x: 2396.46 mil
y: 1462.92 mil

Min. Critical Copper Width
Outer Layers
11.81 mil

100 mil

3

Top_gbr

x: 2022.44 mil
y: 1519.88 mil

Min. Trace Width
Outer Layers
11.81 mil

100 mil

4

Top_gbr

x: 1839.21 mil
y: 1318.4 mil

Min. Critical Trace Width
Outer Layers
11.81 mil

100 mil

5

Top_gbr

x: 1902.17 mil
y: 1447.54 mil

Copper to Copper Clr.
Outer Layers
6.09 mil

100 mil

6

Top_gbr

x: 2091.34 mil
y: 906.5 mil

Min. Clr. Trace to Trace
Outer Layers
6.68 mil

100 mil

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7

Top_gbr

x: 2047.14 mil
y: 1643.8 mil

Min. Same Net Spacing
Outer Layers
11.80 mil

100 mil

8

Top_gbr

x: 1093.7 mil
y: 1006.2 mil

Min. Ring
Outer Layers
10.11 mil

100 mil

9

Top_gbr

x: 2096.14 mil
y: 1477.31 mil

Copper to Plated Clr.
Outer Layers
17.10 mil

200 mil

10

Top_gbr

x: 3220.8 mil
y: 603.65 mil

Clr. to NPTH
Outer Layers
47.40 mil

500 mil

11

Top_gbr

x: 605.48 mil
y: 406.69 mil

Copper to Outline Clr.
Outer Layers
25.98 mil

100 mil

Stackup - Original

Top_gbr

Bottom_gbr

Pressing Stages	1

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Copper Layer Minima & Area - Original

File	Pos.	Min. Copper Width	Min. Critical Copper Width	Min. Trace Width	Min. Critical Trace Width	Min. Clr. Copper to Copper	Min. Clr. Trace to Trace	Min. Same Net Spacing	Min. Ring	Copper to Plated Clr.	Copper to NPTH Clr.	Copper to Outline Clr.	Copper Area	
		mil	mil	mil	mil	mil	mil	mil	mil	mil	mil	mil	inch^2	%
Top_gbr	1	11.81	11.81	11.81	11.81	6.09	6.68	11.80	10.11	17.10	47.40	25.98	2.7692	67
Bottom_gbr	2	13.00	13.00	13.00	13.00	6.99	>20.00	>20.00	10.11	17.10	47.40	25.98	3.5983	87

Drill Tools - Original

File	Tool Nr.	Span	Type	Method	FilledVia	Countered	Dia.	Tol. Min	Tol. Plus	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
							mil	mil	mil					mil	mil	mil
Drill_NonPlated_Through_gbr	44	1-2	NPTH	unknown	unknown	unknown	125.00	0.00	0.00	4	0	0	0	>32.00		
Drill_Plated_Through_gbr	43	1-2	PTH	unknown	unknown	unknown	13.78	0.00	0.00	65	0	0	0	10.11		34.00
Drill_Plated_Through_gbr	45	1-2	PTH	unknown	unknown	unknown	64.17	0.00	0.00	4	0	0	0	19.09		102.35
Drill_Plated_Through_gbr	46	1-2	PTH	unknown	unknown	unknown	55.12	0.00	0.00	1	0	0	0	21.65		98.42
Drill_Plated_Through_gbr	47	1-2	PTH	unknown	unknown	unknown	43.31	0.00	0.00	23	0	0	0	11.81		66.93
Drill_Plated_Through_gbr	48	1-2	PTH	unknown	unknown	unknown	35.43	0.00	0.00	2	0	0	0	11.81		59.05
Drill_Plated_Through_gbr	49	1-2	PTH	unknown	unknown	unknown	39.37	0.00	0.00	4	0	0	0	13.78		66.93

Sequences - Original

Span	Type	Tools	Min. End Dia.	Max. End Dia.	Holes	Min. Ring on Outer	Min. Ring on Inner	Min. Clr. Hole to Copper	Min. Clr. Hole to Outline	Min. Clr. Slot to Outline
			mil	mil		mil	mil	mil	mil	mil
1-2	PTH	6	13.78	64.17	99	10.11		17.10	92.91	disabled
All	Plated	6	13.78	64.17	99	10.11		17.10	92.91	disabled
1-2	NPTH	1	125.00	125.00	4	>32.00		47.40	62.50	disabled
All	All	7	13.78	125.00	103	10.11		17.10	62.50	disabled

Rout Tools - Original

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

Routed Holes - Original

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

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Solder Mask - Original

Side	Min. Ring on Cu Defined Pads	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	TH Via Holes Half Mask
	mil	mil	mil	mil	mil			
Top	3.94	>10.00	6.78	1.77	1.10	Yes	No	
Bottom	3.94	>10.00	>10.00	>10.00	8.10	Yes	No	
Both	3.94	>10.00	6.78	1.77	1.10	Yes	No	No

Files - Original

Initial	Renamed	Format	Function	Position	Color
TopAssy.gbr	TopAssy_gbr	gerx2	assembly	top	
TopPaste.gbr	TopPaste_gbr	gerx2	paste	top	
TopSilk.gbr	TopSilk_gbr	gerx2	silk	top	white
TopMask.gbr	TopMask_gbr	gerx2	mask	top	blue
Top.gbr	Top_gbr	gerx2	outer	1	
Bottom.gbr	Bottom_gbr	gerx2	outer	2	
BottomMask.gbr	BottomMask_gbr	gerx2	mask	bottom	blue
BottomSilk.gbr	BottomSilk_gbr	gerx2	silk	bottom	white
Drill_NonPlated_Through.gbr	Drill_NonPlated_Through_gbr	gerx2	nonplated	1-2	
Drill_Plated_Through.gbr	Drill_Plated_Through_gbr	gerx2	plated	1-2	
BoardOutline.gbr	BoardOutline_gbr	gerx2	cad_outline	none	
BottomAssy.gbr	BottomAssy_gbr	gerx2	empty	none	
BottomDimension.gbr	BottomDimension_gbr	gerx2	empty	none	
BottomPaste.gbr	BottomPaste_gbr	gerx2	empty	none	
TopDimension.gbr	TopDimension_gbr	gerx2	mechanical	none	

Input Remarks - Original

Gerber import: Non-standard .FileFunction attribute value Drawing, interpreted as extra layer 'BottomAssy.gbr' (at line 10)

Gerber import: Non-standard .FileFunction attribute value Drawing, interpreted as extra layer 'BottomDimension.gbr' (at line 10)

Gerber import: Non-standard .FileFunction attribute value Drawing, interpreted as extra layer 'TopAssy.gbr' (at line 149)

Gerber import: Non-standard .FileFunction attribute value Drawing, interpreted as extra layer 'TopDimension.gbr' (at line 130)

Comments - Original