Name	yfxgag1g.zip	Id.	33290 - QED Check Todo's
Report Generated on	Apr 21, 2015 10:38:14 PM	Customer	via CRM
Board Id		Tool#	

Single PCB View

Top View	Bottom View

2.5984 inch / 1.4963 inch

2.5984 inch / 1.4963 inch

Summary - General

PCB Size	1.4963 inch x 2.5984 inch	Copper Layers	2
PCB Thickness	62.00 mil	Solder Mask	Both
Customer Panel Size		Solder Mask Color	Green
SMD Pads Top	222	Legend	None
SMD Pads Bottom	0	Legend Color	
SMD Density Top	57 SMD/inch^2	Paste	None
SMD Density Bottom	0 SMD/inch^2	Peeloff Mask	None
Number of Nets	77	Carbon Mask	None
Drill Hole Density	26 Holes/inch^2	Electrical Test	Single Sided
Holes in SMD Pads	No	Max. Aspect Ratio on PTH	5.2
Edge Connectors	No	Vias Covered by Solder Mask	Both

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	[7] 6.00	[8] 6.00	[9] 2.49	[10] 11.99	[11] 20.00	[12] 4.72
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	3	12.00	43.00	99	6.00		11.99
Plated (Total)	1	3	12.00	43.00	99	6.00		11.99
NPTH	1	1	122.00	122.00	2			20.00
Total	2	4	12.00	122.00	101	6.00		11.99

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Summary Minimum Design Characteristics - Locations

7
TOP
x: 606.13 mil
y: 651.0 mil
Min. Line Width
Outer Layers
6.00 mil
100 mil

8
TOP
x: 797.19 mil
y: 828.0 mil
Min. Ring
Outer Layers
6.00 mil
50 mil

9
TOP
x: 1407.9 mil
y: 819.64 mil
Min. Clearance
Outer Layers
2.49 mil
50 mil

10
BOT
x: 604.27 mil
y: 2242.4 mil
Min. Clr. to Plated
Outer Layers
11.99 mil
100 mil

11
BOT
x: 1472.34 mil
y: 361.5 mil
Clr. to NPTH
Outer Layers
20.00 mil
200 mil

12
TOP
x: 46.55 mil
y: 1493.39 mil
Clr. to Outline
Outer Layers
4.72 mil
50 mil

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Stackup
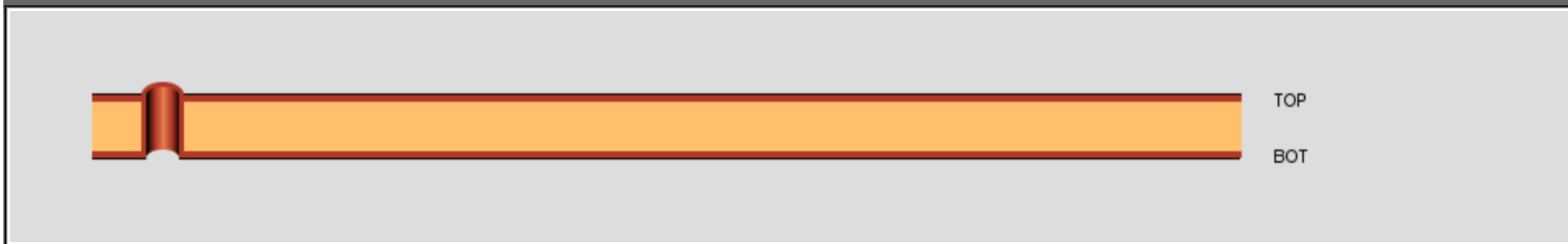
Copper Layers

File	Pos.	Min. Line Width	Min. Ring	Min. Clr. to Copper	Min. Clr. Pad to Pad	Min. Clr. Pad to Track	Min. Clr. Track to Track	Min. Self-spacing	Min. Clr. to PTH	Min. Clr. to NPTH	Min. Clr. to Outline	Copper Area	
		mil	mil	mil	mil	mil	mil	mil	mil	mil	mil	inch^2	%
TOP	1	6.00	6.00	2.49	2.49	6.00	6.00	0.06	12.00	21.03	4.72	0.9130	23
BOT	2	6.00	6.00	2.49	2.49	5.99	5.99	5.72	11.99	20.00	20.00	3.3387	86

Drill Tools

File	Tool Nr.	Span	Type	Method	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
					mil					mil	mil	mil
DRL	1	1-2	PTH	unknown	12.00	70	0	0	0	6.00		24.00
DRL	2	1-2	PTH	unknown	40.00	26	0	0	0	10.00		60.00
DRL	3	1-2	PTH	unknown	43.00	3	0	0	0	10.75		64.50
DRL	4	1-2	NPTH	unknown	122.00	2	0	0	0	> 32.00		

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
			mil	mil		mil	mil	mil	mil	mil	mil
1-2	PTH	3	12.00	43.00	99	6.00				11.99	86.07
All	Plated	3	12.00	43.00	99	6.00				11.99	86.07
1-2	NPTH	1	122.00	122.00	2			> 32.00		20.00	57.22
All	All	4	12.00	122.00	101	6.00		> 32.00		11.99	57.22

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. Negative Ring	Min. Clr. Mask to Mask	Min. Web	Min. Clr. Mask to Copper
	mil	mil	mil	mil	mil
Top	2.00		3.87	3.87	3.21
Bottom	2.00		> 10.00	> 10.00	4.00

Files

Initial	Renamed	Format	Function	Position	Color
mini-v1.10-smash.GTS	TSM	ger274x	mask	top	green
mini-v1.10-smash.GTL	TOP	ger274x	outer	1	
mini-v1.10-smash.GBL	BOT	ger274x	outer	2	
mini-v1.10-smash.GBS	BSM	ger274x	mask	bottom	green
mini-v1.10-smash.TXT	DRL	excellon2	mixed	1-2	
mini-v1.10-smash.GML	DRAWING	ger274x	drawing	none	

Input Remarks

Gerber import: Zero size aperture 10. 'mini-v1.10-smash.GBL'

Gerber import: Zero size aperture 10. 'mini-v1.10-smash.GBS'

Gerber import: Zero size aperture 10. 'mini-v1.10-smash.GML'

Gerber import: Zero size aperture 10. 'mini-v1.10-smash.GTL'

Gerber import: Zero size aperture 10. 'mini-v1.10-smash.GTS'

Todo's

Please check the stackup

Stackup has no legends. Please check the drawings

Comments

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