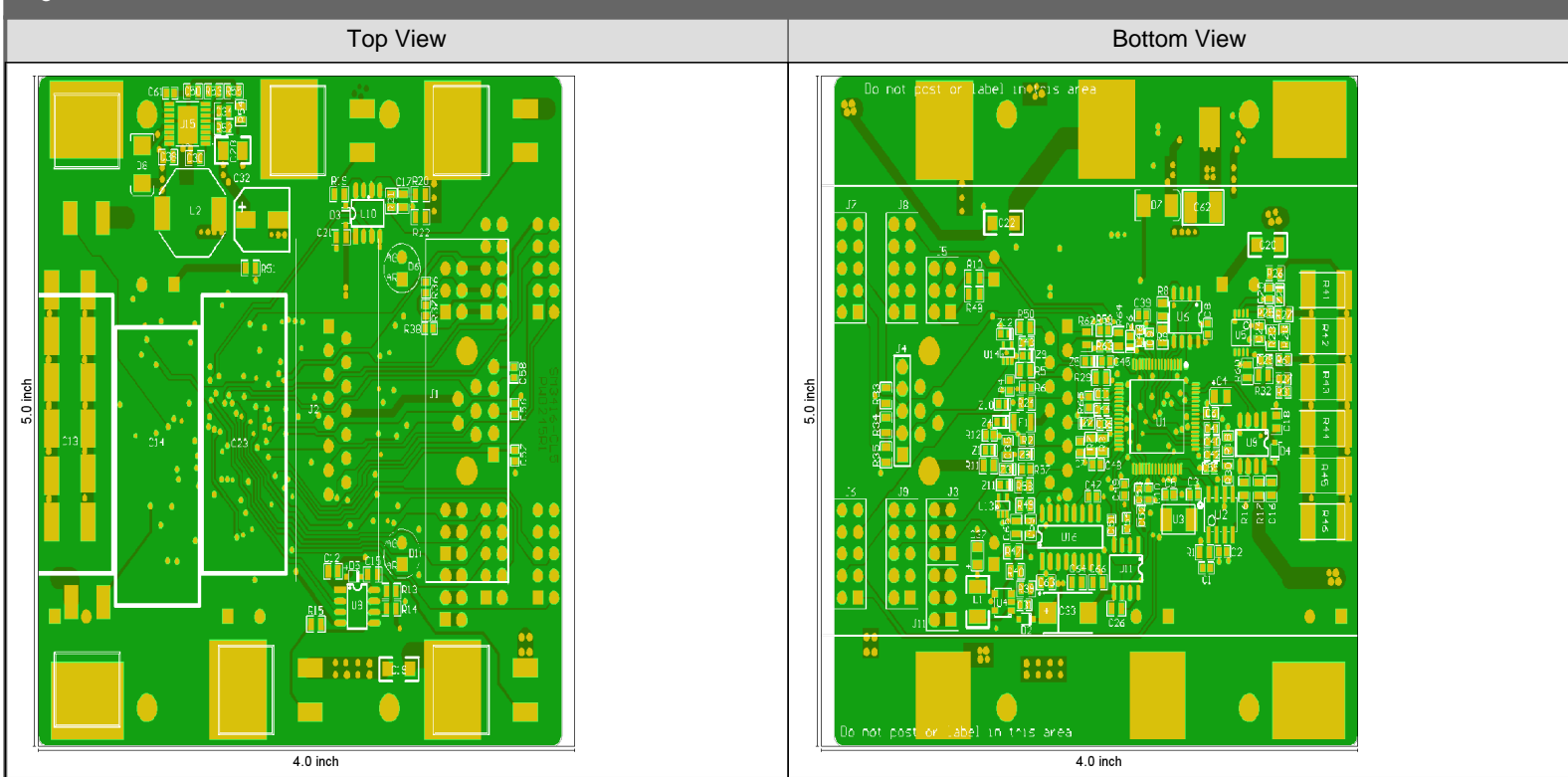


Name	PWB245R1-Gerber.i8.zip	Id.	1422_TIR
Report Generated on	May 24, 2011 1:41:52 PM	Customer	
Customer Reference		Article Id	

Single PCB View



Summary - General

PCB Size	4.0 inch x 5.0 inch	Copper Layers	10
PCB Thickness		Solder Mask	Both
Customer Panel Size		Legend	Both
SMD Pads Top	0	Paste	Both
SMD Pads Bottom	0	Peeloff Mask	None
SMD Density Top	0 SMD/inch ²	Carbon Mask	None
SMD Density Bottom	0 SMD/inch ²	Electrical Test	Single Sided
Number of Nets	381	Drill Hole Density	25 holes/inch ²
		Minimum Aspect Ratio	unknown

Summary - Copper Layers

Layer Type	Min. Track	Min. Ring	Min. Clr. to Copper	Min. Clr. to Plated Hole	Min. Clr. to Non-Plated Hole	Min. Clr. to Outline
	mil	mil	mil	mil	mil	mil
Outer	unknown	>	>			> NA
Inner	unknown	>	>			> NA

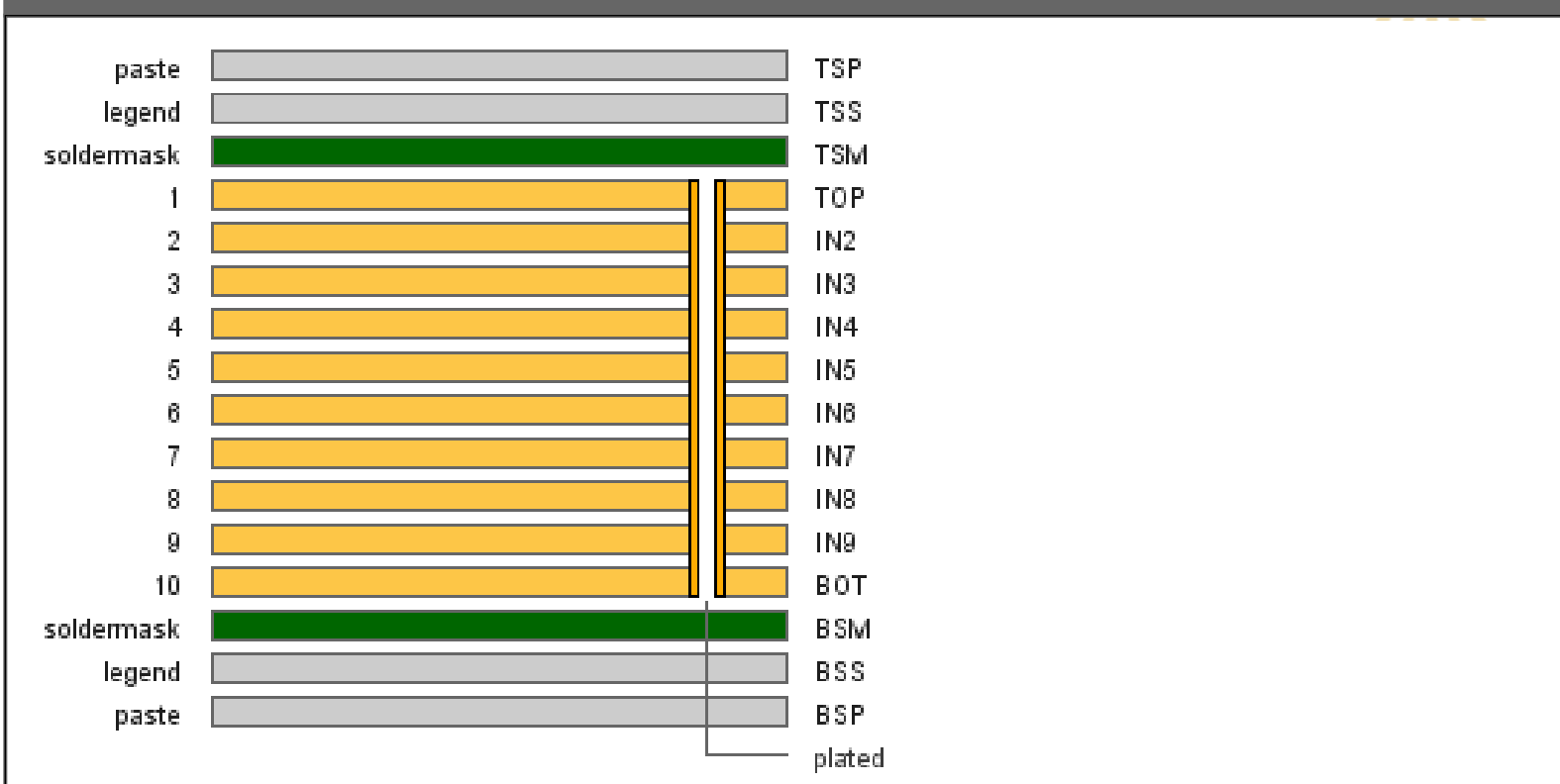
Summary - Sequences

Tool 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	6	0.0	0.0	490	>	>	>
Plated (Total)	1	6	0.0	0.0	490	>	>	>
NPTH	0							
Total	1	6	0.0	0.0	490	>	>	>

Summary - Route

Tool Type	Tools	Min. End Dia.	Max. End Dia.	Draw Length
		mil	mil	mil
Plated				
Non-Plated				
Total				

Stackup



Summary Minimum Design Characteristics - Locations

PCB (Single)

PCB Size	Outline Length
inch x inch	inch
4.0 x 5.0	12.5

Copper Layers

File Name	Pos.	Min. Track	Min. Ring	Min. Clr. to Copper	Min. Clr. Pad to Pad	Min. Clr. Pad 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	inch ²	%
TOP	1	unknown	>	>	>	>	>	>	>	> NA	2.7570	14
IN2	2	unknown	>	>	>	>	>	>	>	> NA	8.7020	44
IN3	3	unknown	>	>	>	>	>	>	>	> NA	8.5650	43
IN4	4	unknown	>	>	>	>	>	>	>	> NA	8.6240	43
IN5	5	unknown	>	>	>	>	>	>	>	> NA	7.7110	39
IN6	6	unknown	>	>	>	>	>	>	>	> NA	7.6110	38
IN7	7	unknown	>	>	>	>	>	>	>	> NA	8.4990	42
IN8	8	unknown	>	>	>	>	>	>	>	> NA	8.4670	42
IN9	9	unknown	>	>	>	>	>	>	>	> NA	8.6970	43
BOT	10	unknown	>	>	>	>	>	>	>	> NA	2.8190	14

Drill Tools

File Name	Tool Nr.	Span	Type	End Dia.	Holes (in PCB)	Double Hits (in File)	Min. Ring on Outer	Min. Ring on Inner	Min. Pad Size
				mil			mil	mil	mil
plated	2	1-10	PTH	0.0	225	0	>	unknown	> 0.0
plated	1	1-10	PTH	0.0	166	0	>	unknown	> 0.0
plated	6	1-10	PTH	0.0	4	0	>	unknown	> 0.0
plated	5	1-10	PTH	0.0	2	0	>	unknown	> 0.0
plated	4	1-10	PTH	0.0	6	0	>	unknown	> 0.0
plated	3	1-10	PTH	0.0	87	0	>	unknown	> 0.0

Sequences

Span	Type	Tools	Min. End Dia.	Max. End Dia.	Holes	Min. Ring on Outer	Min. Ring on Inner	Min. Clr. Hole to Hole	Min. Clr. Hole to Copper	Min. Clr. Hole to Outline
			mil	mil		mil	mil	mil	mil	mil
1-10	Plated	6	0.0	0.0	490	>	unknown	unknown	unknown	
All	Plated	6	0.0	0.0	490	>	unknown	unknown	unknown	
All	All	6	0.0	0.0	490	unknown	unknown	unknown	unknown	

Route Tools

File Name	Tool Nr.	Type	Tool Dia.	End Dia.	Draw Length
			mil	mil	mil

Routed Holes

File Name	Hole Nr.	Instances	X Size	Y Size	Draw Length
			mil	mil	mil

Exposed Copper

Side	Area
	inch ²
Top (including barrels)	0.000
Bottom (including barrels)	0.000
Total (including barrels)	0.000

Bare Board Test

Side	Testable Points (TPs)	Max. TP Density	SMD Pads	SMD Pad Density	Min. SMD Pitch	Min. SMD Pad	
						Size	Count
		TP/inch ²		SMD/inch ²	mil	mil	
Top	0	0	0	0			
Bottom	0	0	0	0			

Scoring - Minimum Clearance

File Name	Pos.	Min. Clr. to Score Top	Min. Clr. to Score Right	Min. Clr. to Score Bottom	Min. Clr. to Score Left
		mil	mil	mil	mil
TOP	1	> NA	> NA	> NA	> NA
IN2	2	> NA	> NA	> NA	> NA
IN3	3	> NA	> NA	> NA	> NA
IN4	4	> NA	> NA	> NA	> NA
IN5	5	> NA	> NA	> NA	> NA
IN6	6	> NA	> NA	> NA	> NA
IN7	7	> NA	> NA	> NA	> NA
IN8	8	> NA	> NA	> NA	> NA
IN9	9	> NA	> NA	> NA	> NA
BOT	10	> NA	> NA	> NA	> NA

Scoring - Routing

Side	Lines	Min. Clearance	Saved Routing	Remaining Routing
		mil	mil	mil
Horizontal Score Lines				
Top	1	unknown	3,119.0	<input type="text"/>
Mid	0	0.0	0.0	<input type="text"/>
Bottom	1	unknown	3,119.0	<input type="text"/>
Vertical Score Lines				
Left	1	unknown	2,926.0	<input type="text"/>
Mid	0	0.0	0.0	<input type="text"/>
Right	1	unknown	2,926.0	<input type="text"/>
All Score Lines				
	4	unknown	12,090.0	390.0

Customer Panel (Delivery Array, Shipping Panel)

Panel Size	PCB's	X Spacing	Y Spacing	Border Left	Border Right	Border Top	Border Bottom
mil x mil		mil	mil	mil	mil	mil	mil
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Production Panel (Working Panel)

Panel Name	Drawing	Panel Size	Useful Area	Pieces/Panel	Panel Fill	Panel Usage
		inch x inch	inch x inch		%	%
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Comments

Files

Initial	Renamed	Format	Function	Position	Color
PWB245R1.GTP	TSP	ger274x	paste	top	
PWB245R1.GTO	TSS	ger274x	silk	top	white
PWB245R1.GTS	TSM	ger274x	mask	top	green
PWB245R1.GTL	TOP	ger274x	outer	1	
PWB245R1.GP1	IN2	ger274x	plane	2	
PWB245R1.GP2	IN3	ger274x	plane	3	
PWB245R1.GP3	IN4	ger274x	plane	4	
PWB245R1.G1	IN5	ger274x	inner	5	
PWB245R1.G2	IN6	ger274x	inner	6	
PWB245R1.GP4	IN7	ger274x	plane	7	
PWB245R1.GP5	IN8	ger274x	plane	8	
PWB245R1.GP6	IN9	ger274x	plane	9	
PWB245R1.GBL	BOT	ger274x	outer	10	
PWB245R1.GBS	BSM	ger274x	mask	bottom	green
PWB245R1.GBO	BSS	ger274x	silk	bottom	white
PWB245R1.GBP	BSP	ger274x	paste	bottom	
PWB245R1.TXT	plated	excellon2	plated	1-10	
PWB245R1.GD1	drillmap	ger274x	drillmap	none	
PWB245R1.GKO	outline	ger274x	cad_outline	none	
PWB245R1.GM12	mechanical	ger274x	mechanical	none	
PWB245R1.GM15	mechanical_1	ger274x	mechanical	none	
PWB245R1.DRL		extern	document		
PWB245R1.DRR		text	document		
PWB245R1.DRRPreview		text	document		
PWB245R1.EXTREP		text	document		
PWB245R1.EXTREPPreview		text	document		
PWB245R1.LDP		text	document		
PWB245R1.REP		text	document		
PWB245R1.RUL		text	document		
PWB245R1.apr		text	document		
PWB245R1_FAB.doc		extern	document		
Status_Report.Txt		text	document		
mailmessage.txt		extern	document		

Delivery Times & Quantities

Delivery Times & Quantities			
Delivery Time 1	1 week	Delivery Time 2	7 workdays
Delivery Time 3	1 workday	Quantity 1	5
Quantity 2	10	Quantity 3	15
Quantity 4	20	Quantity 5	25
Quantity 6	100	Repeat Order	
Far-East Allowed		Transport Service	

Process Parameters

Used Units			
Copper Thickness Unit	oz	All Other Units	mil

Process Parameters

Technology			
Board Class		PCB Technology	
PCB Technology Class		PCB Impedance Controlled	
ROHS compliant		PCB Finish	
Edge Plating		CU Base Thickness Outer	1.0
CU Base Thickness Inner	1.0	Copper in Holes	
Material Type	Standard	PCB Thickness	62
+		-	
PCB Thickness Measured Over		Layer Count	

Process Parameters

Finishes			
Solder Mask	4	Solder Mask Color	
Legend	0	Legend Color	
Paste		Peeloff Mask	
Carbon Mask		Gold Finger	
Bevel		Viahole Filling	
Logo		Date Code	

Process Parameters

Mechanical			
Outline Tolerance	See drawing	V-Scoring	Off
Drill Countersink	Off	Drill Half Holes	Off
Rout Inside Outline	Off	Depth Rout	Off
Rout V-cut	N.A.	Edge Connector	N.A.

Process Parameters

Quality			
Test Method		Test Class	
Special Test		Testreport Required	



Customer and Job Identification

Customer	
Customer	Contact Person

Customer and Job Identification

Job	
Article Id	Customer Reference