



Stackup ID: 38003

Reference Stack-up

Company: MBARI
Contact:

Ref: 10 Layer
From: Will Alcaraz

Date: 12/23/2003

Layers	Thick ness	Cross Section Diagram	Layer Definition	Cu. & Diel. Tol.	Single Ended			
					Cust. Orig. Width	Finished Trace Width	Fin. Trace Tol.	Calculated Imp.
	1.0	mmmmmmmmmmmmmm		Mask				
	1.4	x y y y y y y y y y y z		Cu Plating				
L01	0.7	l c r	Signal	H oz		5.0	0.5	50.0 Ohms
	3.0	1 x 1080		(+/- 0.5)				49.0 Ohms
L02	1.4	l c c c c c c c c c c c c c c c r	Plane	1 oz				
	4.0	0.004 1/H		(+/- 0.5)				
L03	0.7	L C R	Signal	H oz		5.0	0.5	50.0 Ohms
	8.0	2 x 2113		(+/- 1.0)				49.0 Ohms
L04	1.4	l c c c c c c c c c c c c c c c r	Plane	1 oz				
	4.0	0.004 1/H		(+/- 0.5)				
L05	0.7	L C R	Signal	H oz		5.0	0.5	50.0 Ohms
	9.0	2 x 2116		(+/- 1.0)				50.0 Ohms
L06	0.7	l c r	Signal	H oz		5.0	0.5	50.0 Ohms
	4.0	0.004 H/1		(+/- 0.5)				
L07	1.4	L C C C C C C C C C C C C C C C R	Plane	1 oz				
	8.0	2 x 2113		(+/- 1.0)				
L08	0.7	l c r	Signal	H oz		5.0	0.5	50.0 Ohms
	4.0	0.004 H/1		(+/- 0.5)				49.0 Ohms
L09	1.4	L C C C C C C C C C C C C C C C R	Plane	1 oz				
	3.0	1 x 1080		(+/- 0.5)				
L10	0.7	L C R	Signal	H oz		5.0	0.5	50.0 Ohms
	1.4	x y y y y y y y y y y y z		Cu Plating				49.0 Ohms
	1.0	mmmmmmmmmmmmmm		Mask				

Total: **61.6** Est. Finish Thickness Over Mask
56.8 Est. LAM Thickness

Material
FR406

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