










Customer : Texas Instruments
Part Num : TSW1400
Part Rev : A

Job Name : TI_TSW1400A
Engineer : David Gorden
Facility : Toronto

Layer	Calc Thickness	Primary Stack	Description
Layer - 1	0.0005 0.0020		Taiyo 4000-MP 1/2oz Sig (Std Plt)
	0.0043		370H
Layer - 2	0.0006 0.0041		1/2oz P/G
Layer - 3	0.0006 0.0055		370H
	0.0041		1/2oz Sig
Layer - 4	0.0006 0.0041		370H
Layer - 5	0.0006 0.0057		1/2oz P/G
	0.0041		370H
Layer - 6	0.0006 0.0041		1/2oz P/G
Layer - 7	0.0006 0.0057		370H
	0.0041		1/2oz P/G
Layer - 8	0.0006 0.0041		370H
Layer - 9	0.0006 0.0055		1/2oz Sig
	0.0041		370H
Layer - 10	0.0006 0.0041		1/2oz Sig
Layer - 11	0.0006 0.0043		370H
Layer - 12	0.0020 0.0005		1/2oz Sig (Std Plt) Taiyo 4000-MP

Requirement	Req. Thickness	Tol +	Tol -	Calc Thick
Incl. Plating & Mask	0.0620	0.0062	0.0062	0.0625
Incl. Mask over Laminate	0.0580	0.0058	0.0058	0.0585
Incl. Plating	0.0610	0.0061	0.0061	0.0615
After Lamination	0.0582	0.0029	0.0029	0.0587
Over Laminate	0.0570	0.0057	0.0057	0.0575

Impedance Type	Layer	Design	Actual	Pitch	Plane	Target	Tol	Predict
1 Surface MS	L1	-	0.0065	-	-	50	5.0	51.83
	-	-	-	-	L2			
2 EC Microstrip	L1	-	0.0045	0.0110	-	100	10.0	101.91
	-	-	0.0045	-	L2			

Impedance Type	Layer	Design	Actual	Pitch	Plane	Target	Tol	Predict
3  Stripline	L3	-	0.0045	-	L2	50	5.0	50.92
	-	-	-	-	L5			
4  EC Stripline	L3	-	0.0040	0.0110	L2	100	10.0	99.44
	-	-	0.0040	-	L5			
5  Stripline	L4	-	0.0045	-	L2	50	5.0	50.92
	-	-	-	-	L5			
6  EC Stripline	L4	-	0.0040	0.0110	L2	100	10.0	99.44
	-	-	0.0040	-	L5			
7  Stripline	L9	-	0.0045	-	L8	50	5.0	50.92
	-	-	-	-	L11			
8  EC Stripline	L9	-	0.0040	0.0110	L8	100	10.0	99.44
	-	-	0.0040	-	L11			
9  Stripline	L10	-	0.0045	-	L8	50	5.0	50.92
	-	-	-	-	L11			
10  EC Stripline	L10	-	0.0040	0.0110	L8	100	10.0	99.44
	-	-	0.0040	-	L11			
11  Surface MS	L12	-	0.0065	-	L11	50	5.0	51.83
	-	-	-	-	-			
12  EC Microstrip	L12	-	0.0045	0.0110	L11	100	10.0	101.91
	-	-	0.0045	-	-			