



Layer	Calc Thickness	Primary Stack	Description
Layer - 1	0.0005 0.0017		Taiyo 4000-BN
	0.0037	2113	1/4oz Sig (Std Plt)
Layer - 2	0.0006		370H
	0.0040	0.0040 (1-3313)	1/2oz P/G
Layer - 3	0.0006		R-5775K
	0.0052	1027 1027 1027	1/2oz Sig
Layer - 4	0.0006		R-5775K
	0.0040	0.0040 (1-3313)	1/2oz P/G
Layer - 5	0.0006		R-5775K
	0.0052	1027 1027 1027	1/2oz Sig
Layer - 6	0.0006		R-5775K
	0.0040	0.0040 (1-3313)	1/2oz P/G
Layer - 7	0.0006		R-5775K
	0.0055	1027 1027 1027	1/2oz Mix
Layer - 8	0.0006		R-5775K
	0.0030	0.0030 (1-2113)	1/2oz P/G
Layer - 9	0.0006		370H
	0.0065	106 106 106	1/2oz P/G
Layer - 10	0.0006		370H
	0.0040	0.0040C (1-2116)	1/2oz P/G
Layer - 11	0.0006		370H
	0.0061	106 106 106	1/2oz Sig
Layer - 12	0.0006		370H
	0.0040	0.0040C (1-2116)	1/2oz P/G
Layer - 13	0.0006		370H
	0.0061	106 106 106	1/2oz Sig
Layer - 14	0.0006		370H
	0.0040	0.0040C (1-2116)	1/2oz P/G
Layer - 15	0.0006		370H
	0.0037	2113	1/2oz P/G
Layer - 16	0.0017 0.0005		370H
			1/4oz Sig (Std Plt)
			Taiyo 4000-BN














Materials: Isola 370H High-Tg FR4


Materials: Panasonic R-5775K Megtron 6

Requirement	Req. Thickness	Tol +	Tol -	Calc Thick
Incl. Plating & Mask	0.0820	0.0082	0.0082	0.0818
Incl. Mask over Laminate	0.0786	0.0079	0.0079	0.0784
Incl. Plating	0.0810	0.0081	0.0081	0.0808
After Lamination	0.0782	0.0039	0.0039	0.0780
Over Laminate	0.0776	0.0078	0.0078	0.0774

Job Comment

Sim to T-119316_Texas_JESD204B_B (SV) (MEG6/370HR Hybrid) w/ mixed Prepreg
Unbalanced materials.. Recommend full build with MEG6

Impedance Type	Layer	Design	Actual	Pitch	Plane	Target	Tol (ohms)	Predict
 Surface MS	L1	0.00620	0.0059	-	-	50	5.0	48.62
	-	-	-	-	L2			
 EC Microstrip	L1	0.0040	0.0040	0.0100	-	100	10.0	99.48
	-	0.0040	0.0040	-	L2			
 Stripline	L3	0.00470	0.0047	-	L2	50	5.0	49.08
	-	-	-	-	L4			
 EC Stripline	L3	0.00420	0.0041	0.0100	L2	100	10.0	99.29
	-	0.00420	0.0041	-	L4			
 Stripline	L5	0.00470	0.0047	-	L4	50	5.0	49.08
	-	-	-	-	L6			
 EC Stripline	L5	0.00420	0.0041	0.0100	L4	100	10.0	99.29
	-	0.00420	0.0041	-	L6			
 Stripline	L7	0.00470	0.0047	-	L6	50	5.0	49.68
	-	-	-	-	L8			
 EC Stripline	L7	0.00420	0.0041	0.0100	L6	100	10.0	100.08
	-	0.00420	0.0041	-	L8			
 Stripline	L12	0.00470	0.0041	-	L11	50	5.0	49.55
	-	-	-	-	L13			
 EC Stripline	L12	0.00420	0.0036	0.0100	L11	100	10.0	99.24
	-	0.00420	0.0036	-	L13			
 Stripline	L14	0.00470	0.0041	-	L13	50	5.0	49.55
	-	-	-	-	L15			
 EC Stripline	L14	0.00420	0.0036	0.0100	L13	100	10.0	99.24
	-	0.00420	0.0036	-	L15			
 Surface MS	L16	0.00620	0.0059	-	L15	50	5.0	48.62
	-	-	-	-	-			

Impedance Type	Layer	Design	Actual	Pitch	Plane	Target	Tol (ohms)	Predict
14  EC Microstrip	L16	0.0040	0.0040	0.0100	L15	100	10.0	99.48
	-	0.0040	0.0040	-	-			