

B2555 Board Stack Order and Layer Thickness Table

Layer#	Material Type	Description	Thickness (mil)	Impedance
Layer1 (Artwork_1)	Conductive(top, Signal_1)	Microstrip	1.4	52
	Dielectric 4.7		4	
Layer2 (Artwork_2)	Conductive(VCC)	Plane	2.8	
	Dielectric 4.7		9	
Layer3 (Artwork_3)	Conductive (Signal_3)	Stripline	1.4	53
	Dielectric 4.7		9	
Layer4 (Artwork_4)	Conductive (GROUND)	Plane	2.8	
	Dielectric 4.7		4	
Layer5 (Artwork_5)	Conductive (VCC)	Plane	2.8	
	Dielectric 4.7		9	
Layer6 (Artwork_6)	Conductive (signal_4)	Stripline	1.4	53
	Dielectric 4.7		9	
Layer7 (Artwork_7)	Conductive (Ground)	Plane	2.8	
	Dielectric 4.7		4	
Layer8 (Artwork_8)	Conductiive (Bottom, Signal_2)	Microstrip	1.4	52

Note: [1] Total Board Thickness is 0.062 inch, +/- 0.010 inch

[2] Above is recommended layer thickness based on FR4 with dielectric constant 4.7.

[3] Vendor has a right to adjust layer thickness and control all layer impedance at 50 ohms with tolerance less than +/- 10%.