

Board Information

Specification	Value
Surface Finish	ENIG
Layer Count	6
Tented Vias	Yes
Color	Blue
Material	FR-4 TG155
Solder Material	Sn62 or Sn63 (Tin/Lead)
Fabrication Specification	IPC-6012 CLS2
Assembly Specification	IPC-610 CLS2
Board Edge Finish	Routed

Transmission Line Structure Table

Target Impedance	Trace layer	Reference layers	Wide Trace Width	Gap	Clearance	Target Tolerance
90	L1-TOP-SGN-GND	L2-GND	0.16mm	0.20mm	0.13mm	10%
90	L6-BOT-SGN-GND	L5-PWR	0.16mm	0.20mm	0.13mm	10%

Layer Stack Legend

Material	Layer	Thickness	Dielectric Material	Type	Gerber
	Top Overlay			Legend	GTO
	Surface Material				
1 Oz Finished	Top Solder	0.02mm	Solder Resist	Solder Mask	GTS
Prepreg	L1-TOP-SGN-GND	0.04mm		Signal	GTL
0.5 Oz Layer		0.10mm	Prepreg 3313x1	Dielectric	
Core	L2-GND	0.02mm		Signal	G1
0.5 Oz Layer		0.55mm	Core	Dielectric	
Prepreg	L3-SGN-GND	0.02mm		Signal	G2
0.5 Oz Layer		0.11mm	Prepreg 2116x1	Dielectric	
Core	L4-SGN-GND	0.02mm		Signal	G3
0.5 Oz Layer		0.55mm	Core	Dielectric	
Prepreg	L5-PWR	0.02mm		Signal	G4
1 Oz Finished	L6-BOT-SGN-GND	0.04mm		Signal	GBL
Surface Material		0.10mm	Prepreg 3313x1	Dielectric	
Bottom Solder		0.02mm		Signal	G4
Bottom Overlay				Solder Mask	GBS
				Legend	GBO
Total thickness: 1.58mm					

