

Board Information

Property	Value
Surface Finish	ENIG
Layer Count	6
Thickness	1.6mm (10%)
Color	Blue
Material	FR-4 TG155
IPC	CLASS 2

Transmission Line Structure Table

Impedance Id	Target Impedance	Trace layer	Wide Trace Width	Gap	Reference layers	Clearance	Target Tolerance
1	90	L1-TOP-SGN-GND	0.15mm	0.15mm	L2-GND	0.13mm	10%
2	90	L6-BOT-SGN-GND	0.15mm	0.15mm	L5-PWR	0.13mm	10%

Layer Stack Legend

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

Total thickness: 1.58mm

