

6-Layer Stack Legend

	Material	Layer	Thickness	Dielectric Material	Type	Gerber
		Top Overlay			Legend	GTO
	Surface Material	Top Solder	0.025mm	Solder Resist	Solder Mask	GTS
	Copper	L1 - Top	0.035mm		Signal	GTL
	Prepreg		0.085mm		Dielectric	
	Copper	L2 - GND	0.035mm	FR-4	Signal	G1
	Core		0.100mm		Dielectric	
	Copper	L3 - Signal	0.035mm		Signal	G2
	Prepreg		0.950mm		Dielectric	
	Copper	L4 - Signal	0.035mm	FR-4	Signal	G3
	Core		0.100mm		Dielectric	
	Copper	L5 - PWR	0.035mm		Signal	G4
	Prepreg		0.085mm		Dielectric	
	Copper	L6 - Bottom	0.035mm		Signal	GBL
	Surface Material	Bottom Solder	0.025mm	Solder Resist	Solder Mask	GBS
		Bottom Overlay			Legend	GBO
Total thickness: 1.60 mm $\pm$ 10%						

PCB Impedance Information

TYPE	IMPEDANCE	TOLERANCE	LAYER	REFERENCE	WIDTH [um]	GAP [um]
DIFF	90Ω	$\pm$ 10%	L1	L2	125	200
DIFF	90Ω	$\pm$ 10%	L6	L5	125	200
DIFF	100Ω	$\pm$ 10%	L1	L2	100	200
DIFF	100Ω	$\pm$ 10%	L6	L5	100	200
SE	50Ω	$\pm$ 10%	L1	L2	125	
SE	50Ω	$\pm$ 10%	L6	L5	125	
SE	50Ω	$\pm$ 10%	L3	L2	125	
SE	50Ω	$\pm$ 10%	L4	L5	125	