

4-Layer Stack Legend

Material	Layer	Thickness	Dielectric	Material	Type	Gerber
	Top Overlay				Legend	GTO
Surface Material	Top Solder	0.020mm	Solder Resist		Solder Mask	GTS
Copper	L1 - Top	0.035mm			Signal	GTL
Prepreg		0.090mm			Dielectric	
Copper	L2 - GND	0.035mm			Signal	G1
Core		1.200mm	FR-4		Dielectric	
Copper	L3 - PWR	0.035mm			Signal	G2
Prepreg		0.090mm			Dielectric	
Copper	L4 - Bottom	0.035mm			Signal	GBL
Surface Material	Bottom Solder	0.020mm	Solder Resist		Solder Mask	GBS
	Bottom Overlay				Legend	GBO

Total thickness: 1.560 mm ± 10%

PCB Impedance Information

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