

Part Number: Q25101-PCB\_revA  
Material Type: Iteq IT180 or TU768 175 tg / 340 td  
Dimensions: All dimensions in thousandths of an inch (mils)  
Tolerances: Follow IPC 6012 Class 2 for all tolerances

Layer name	Layer Usage	Starting Copper Weight	Starting Thickness	Nominal Thickness	Minimum Thickness After Plating
Layer 1	Signal	0.5oz	0.6	2.2	2
Dielectric 1	Pre-Preg			6	
Layer 2	GND	2oz		2.8	
Dielectric 2	Core			6	
Layer 3	PWR	2oz		2.8	
Dielectric 3	Pre-Preg			6	
Layer 4	Signal	1oz		1.4	
Dielectric 4	Core			6	
Layer 5	Signal	1oz		1.4	
Dielectric 5	Pre-Preg			6	
Layer 6	PWR	2oz		2.8	
Dielectric 6	Core			6	
Layer 7	GND	2oz		2.8	
Dielectric 7	Pre-Preg			6	
Layer 8	Signal	0.5oz	0.6	2.2	2
			Total Thickness	60.4	

FINISHED NOMINAL THICKNESS: 0.062" +/- 0.005

Impedance Matching Chart:  
No impedance matching required for this design.