

Prototype PCB Manufacturing Capability

Item	Details
Layers	2-36 layers
Materials	FR4(Tg140, Tg150, Tg170, Tg250), CTI>=600/Halogen free/High frequency/metal core/high speed/PTFE
Max. Size	Double layer: 630*1200mm, multilayers:550*650mm
Board thickness	0.2mm-6.0mm
Max. Copper weight	Inner layer 6oz, outer layer 10oz
Min. Drill size	0.15mm
Aspect ratio	16:1
Min. LW/LS	2.5mil/2.5mil
Min. Solder bridge	Green:2mil, Other color 4mil
Hole fill size	0.2mm-0.6mm
Impedance control tolerance	+/-6%
Solder mask color	Green/white/black/red/yellow/blue/purple/orange/coffee
Surface finish	OSP/HASL lead free/ENIG/Gold plating/Immersion Tin/Immersion Silver/Gold plating+ENIG/ENIG+OSP
Special board	Heavy Copper, High frequency hybrid board, Blind&buried board, Press fit, Half hole, Resin fill board, Rigid-flex board, etc