

PCB manufacturing Capacity

Items	Capability
OEM PCB Layers	1-28 layers
OEM PCB material	FR4, FR5, Aluminium, High Tg FR4, Halogen Free, Isola, Rogers
OEM PCB Finished Board Thickness	0.2mm ~ 7.0mm(8mil-276mil)
OEM PCB Copper Thickness	1/3oz ~ 7oz
OEM PCB Max gold plating thickness	50 microinch
OEM PCB Min. Trace Width/Space	0.075/0.075mm(3/3mil)
OEM PCB Min. Finish Holes Size	0.1mm(4mil) for laser holes; 0.2mm(8mil) for mechanical holes
OEM PCB Max. Finished Size	600mm x 900mm (23.6" x 35.43")
OEM PCB Hole Tolerance	PTH:±0.076mm(+/-3mil), NTPH:±0.05mm(+/-2mil)
OEM PCB Soldermask Color	Green, White, Black, Red, Yellow, Blue, etc.
OEM PCB Silkscreen Color	White, Black, Yellow, Blue
OEM PCB Impedance Control	+/-10%
OEM PCB Profiling Punching	Routing, V-CUT, Chamfer
OEM PCB Special Holes	Blind/Buried holes, Countersunk holes
OEM PCB Surface Finishing	HASL, Lead Free HASL, Immersion tin, Immersion gold, Gold plating, Immersion silver, OSP, Carbon, etc.
OEM PCB Certificate	UL, ISO9001, ROHS, SG

SMT PCBA assembly service Capacity

Items	Capacity
SMT PCBA Assembly Min. IC Pitch	0.30mm(12mil)
SMT PCBA Assembly Foot Pin	SO, SOP, SOJ, TSOP, TSSOP, QFP, BGA and U-BGA
SMT PCBA Assembly Min. Chip Placement	201
SMT PCBA Assembly Max. PCB Size	410mm x 600mm(16.2" x 23.6")
SMT PCBA Assembly Maximum BGA Size	74mm x 74mm(2.9" x 2.9")
SMT PCBA Assembly BGA Ball Pitch	1mm ~ 3mm(4mil ~ 12mil)
SMT PCBA Assembly BGA Ball Diameter	0.4mm ~ 1mm(16mil ~ 40mil)
SMT PCBA Assembly QFP Lead Pitch	0.38mm ~ 2.54mm(15mil ~ 100mil)
SMT PCBA Assembly Method	SMT, DIP, AI, MI assembly
SMT PCBA Assembly Certification	ISO9001, ISO13485, IATF16949

Turnkey Electronics manufacturing Service

pcb service	PCB circuit design, PCB Layout, pcb manufacturing, pcb copy
PCB components	PCB components advising, PCB components sourcing
PCBA	OEM PCB prototype assembly, pcb with components,
Testing	PCBA AOI test, PCB Assembly BGA X-RAY test, PCBA ICT test, PCBA FCT test
Conformal coating	Conformal coating via coating machine, and UV oven
Box Build	BOX build, box assembly
Turnkey service	wire harness, sheet metal, plastic