

## Key Specifications/Special Features:

Specializing in PCB assembly and controllers

Accept ODM, OEM service

Specifications	Details
Material Type	FR-1,FR-4, CEM-1, Aluminium Clad,
Material Thickness ( MM)	0.4,0.6,0.8,1.0,1.2,1.6,2.0
Layer count	1 to 8 Layers
Max. Board Size	23.00" x 35.00"(580mm*900mm)
IPC Class	Class II, Class III , Class 1
Annular Ring	5 mil/side or Greater (Min. Design)
Finish Plating	Solder(HASL), Lead Free Solder(HASL), ENIG ( Electroless Nickel Immersion Gold), OSP, Immersion Silver, Immersion Tin, Immersion Nickel, Hard Gold, Other
Copper Weight	0.5OZ-2OZ
Trace/Space Width	3 Mils or Greater
Drill Clearance	0.1mm(laser drilling)
Plated Slots	0.036 or Greater
Smallest Hole (Finished)	0.1mm or Greater
Gold Fingers	1 to 4 Edge (30 to 50 Micron Gold)
SMD Pitch	0.080" - 0.020" - 0.010"
Soldermask Type	LPI Glossy, LPI-Matte, SR1000
Soldermask Color	Green, Red, Blue, Black, White, Yellow,
Legend Color	White, Yellow, Black, Red, Blue
CNC Route Point	Any
Minimum Route Width	0.031"
Scoring	Straight Lines, Jump Scoring, Panel Edge to Edge, CNC*
Body Gold	HARD*, IMMERSION* (up to 50 MICRON GOLD)
Data File Format	Gerber 274x with embedder aperture
Fab. Drawing Format	DXF, HPGL, DWG, PDF, Gerber
E.T Testing	Flying Probe, Single Sided, 1up Plate, Clampshell, Net List
Counter Sink /	Available up to 0.250 Diameter

Counter Bore	
Control Impedence	Yes
Blind Vias / Buried Vias	Yes
Peelable Mask	Yes
Carbon	Yes

The Service we can provide PCB Manufacturing; PCB Layout; PCB Prototyping; SMT Assembly; Through-Hole Assembly; PCB Design, Copy Services; Domestic and Original Components Sourcing; Fixture Test, AOI Test, Functional Test, X-Ray Scan Test for BGA; Enclosure Assembly

We continuously adopt new technology, improve manufacturing process and reinforce scientific management to cope with the dynamic and fiercely competitive electronic industry. Our core principle is "Customer First". Quality is the guideline for everything that we do. Total management solutions enable us to pursue perfection. SYHOGY will provide customers with fast delivery, competitive prices, superior quality and satisfactory one stop services. we persist in innovation to strengthen our competitive advantages. We cater to customer needs by offering the best products and solutions. We have confidence that with the support of all our professional engineers team, we will keep growing and bring maximum profit to you.

### 1> Our best solution service :

**One Stop Service For PCB PCBA Design, PCB Layout Design, PCB PCBA Manufacture; Components Purchasing, PCB PCBA Assembly, Testing, packing and Shipping; PCB PCBA Copy, PCB PCBA Reverse Engineering, IC Decoding ; Electronic Design(schematic design and enclosure design).**

### 2> PCB and PCBA assembly files requirements :

1. Gerber Files, PCB Sample
2. Board Specification
3. BOM (Bill of material) For Assembly