

简要描述

We manufacture PCBs:

- 1.16 years experience in PCB
- 2.UL,SGS,ROHS,ISO9001,TS16949
- 3.Fast delivery
- 4.Low price high quality PCB

详细描述

We manufacture Multi-layer PCB Board: High quality with low price (Good tolerance, Good warpage, Good solder mask...)

The information about our company's process capacity for your reference:

Item	Capability	
1.Base Material	FR-4 / High TG FR-4 / Lead free Materials (ROHS Compliant) / Halogen Free material /CEM-3/CEM-1/ /PTFE/ROGERS/ARLON/TACONIC	
2.Layers	1-30	
3.Finised inner/outer copper thickness	1-12OZ	
4.Finished board thickness	0.2-7.0mm	
	Tolerance	Board thickness $\leq$ 1.0mm: +/-0.1mm 1<Board thickness $\leq$ 2.0mm: +/-10% Board thickness>2.0mm: +/-8%
5.Max panel size	$\leq$ 2sidesPCB: 600*1500mm Multilayer PCB: 500*1200mm	
6.Min conductor line width/spacing	Inner layers: $\geq$ 3/3mil Outer layers: $\geq$ 3.5/3.5mil	
7.Min hole size	Mechanical hole: 0.15mm Laser hole: 0.1mm	
	Drilling precision: first drilling	First drilling: 1mil Second drilling: 4mil
8.Warpage	Board thickness $\leq$ 0.79mm: $\beta \leq 1.0\%$ 0.80 $\leq$ Board thickness $\leq$ 2.4mm: $\beta \leq 0.7\%$ Board thickness $\geq$ 2.5mm: $\beta \leq 0.5\%$	
9.Controlled Impedance	+/-5%	
10. Aspect Ratio	15:1	
11.Min welding ring	4mil	
12.Min solder mask bridge	$\geq$ 0.08mm	
13.Plugging vias capability	0.2-0.8mm	
14. Hole tolerance	PTH: +/-3mil NPTH: +/-2mil	
15.Outline profile	Rout/ V-cut/ Bridge/ Stamp hole	
16.Surface treatment	OSP: 0.5-0.5um HASL: 2-40um Lead free HASL: 2-40um ENIG: Au 1-10U'' ENEPIG: PB 2-5U''/ Au 1-8U'' Immersion Tin:0.8-1.2um	

	Immersion silver: 0.1-1.2um Peelable blue mask Carbon ink Gold plating: Au 1-150U''
17. E-testing pass percent	97% pass for the first time,+/-2%(tolerance) FQC-Physical Lab: Reliability tests
18.Certificate	ROHS UL ISO9001:2008 IPC SGS

Our equipments

1.Drilling workshop	4 drilling bits of drilling machine: 4 sets 2 drilling bits of drilling machine: 2 sets
2. photo plotting workshop	Israel "ORBOTECH" Photo Plotters
3.AOI	AOI machine
4.IPQC	"OXFORD" CMI 700 Copper Thickness Tester
5.Impedance test	USA "Tektronix" DSA 8200 Impedance Tester
6.Outline workshop	CNC routing machine: 7 sets angle-cutting machine V-cut machine
7.Testing Workshop	Surpass X-600: 2sets WTD FT-2808: 5sets WTD HV300: 1set
8.X-ray	X-ray machine

Acceptable file format

GERBER file, PROTEL series, PADS series, POWER PCB series, AutoCAD series.