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2024. 03

Achieving Customer Excellence
To give our customer a reason to smile

**One
Super PCB
Manufacturer**
www.hitekcircuits.com



Achieving customer excellence



A Leading PCB Manufacturer in China
Your One-Stop, One-Shop Service Provider



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Introduction Message

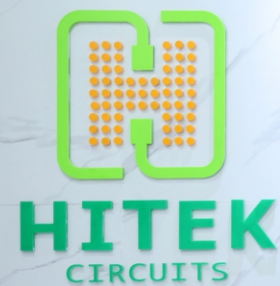
HITEK is a leading group company with a workforce of more than 600 employees, operating across two major production bases in China. Our overseas sales department is located in Shenzhen, facilitating seamless international operations. In addition to our presence in China, we have offices in Germany and The United States, further expanding our global reach. Occupying a spacious 30,000 square meters facility, HITEK specializes in manufacturing 1 to 20 layers PCBs, including Rigid PCB, Flex PCB, Flex-rigid PCB, HDI PCB, Aluminum PCB, and Copper-based PCB.



Our commitment to excellence is evident through our certifications, including UL (ZPMV2.E332365), CUL (ZPMV8.E332365), IATF16949, ISO 14001, ISO 9001, SGS, and more. With a production capability of 60,000 square meters and 2,000 part numbers per month, we employ cutting-edge equipment obtained through continuous capital investment.



At HITEK, we prioritize quality, continuous improvement, and customer satisfaction, maintaining a robust quality management system. Serving a global clientele, we offer superior quality and competitive price to meet the diverse needs of customers worldwide.



HITEK TECHNOLOGY(HK) CO.,LTD
PCB Manufacturer in China

OUR Mission



Achieving customer excellence

To give our customer a reason to smile

With over 18 years of experience, HITEK will sustain our vision by constantly seeking improvement via continuous education and application of new technologies.

Achieve customers' satisfaction by good quality, on-time delivery and competitive cost. We aim to build every business relationship with trust by maintaining interaction with customers and business associates in a high level of integrity.

And finally, being an employer of hundreds of people, we promise to provide a working environment where our employees can thrive and meet their potential.



Company Background

YEAR ESTABLISHED **2006**

Technical Staff **120**

Worker Headcount **600+**

Factory Area **30,000+** sq.m.

Lead Time

Sample **5~7** days

Mass Production **10~12** days

Quick Turn **24~72** hours



Technical Capability

Technical Capability

Layer No.	1-20 layers	Max. copper thickness	6 oz
Max. panel size	635*1300mm(>=2L)	Max. finished thickness	4.0mm
Max. panel size	635*1500mm(1L)	Min. finished thickness	0.3mm(2L) 0.4mm(>=4L)
Hole position tolerance	+/-0.075mm	Min. hole diameter tolerance	+/-0.05mm
Etching tolerance	+/-10%	Min. Core Thickness	0.1mm
Min. track width/gap	0.05 mm(2mil)/0.05mm(2mil)	Min. Routing Tolerance	+/-0.1mm
Board bow & twist	<=0.75%	Aspect ratio	12:1
Impedance tolerance	+/-8%	V-CUT edge to edge tolerance	+/-0.1mm(4mil)
Registration (O/L)	+/-0.05mm(2mil)	Pattern position tolerance	+/-0.075mm(3mil)
Surface finish	LF-HAL, HAL, Immersion Silver, ENIG, OSP, Immersion Tin, Hard Gold, Gold Finger.		
Raw material	Standard FR4, High-TG FR4, Halogen-free FR4, CEM-1, CEM-3, Aluminum, Flex, Flex-Rigid, High-frequency raw material, Copper based.		
Material Brand	Shengyi, Kingboard, Nanya(Taiwan), Nanya(Shanghai), Isola, Ventec, Bergquist, Rogers, DuPont, Panasonic, TUC.		
Special process	BGA, Buried and blind holes, laser holes, Jump V-CUT, Peelable mask, Carbon ink, HDI, Countersink holes, Stepped holes, Depth control holes, Back drilling, Resin plug via holes.		

Manufacturing Facilities



AOI



Dry Film Workshop



CCD Exposure Machine



Automatic Silkscreen Machine



Automatic Silkscreen Ink Jet Machine



Pre-Baking Tunnel



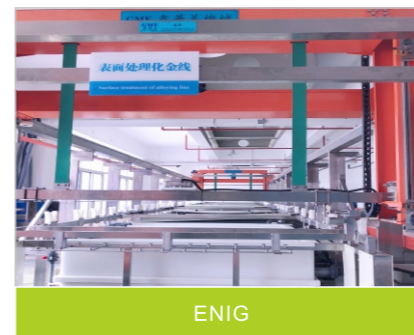
CCL-Warehouse



Automatic Cutting Machine



X-Ray



ENIG



Gold Finger Beveling



CNC Routing Machine



Pressing Machine



Drilling Machine



PTH Line



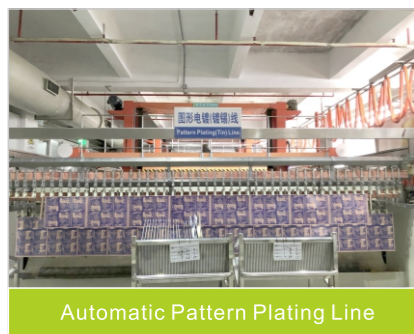
Automatic V-CUT Machine



Immersion Tin and OSP Line



Automatic Etest Machine



Automatic Pattern Plating Line



Etching Line



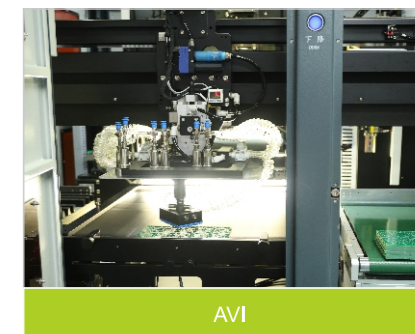
Developing Line



Resin Plug Via Holes Machine

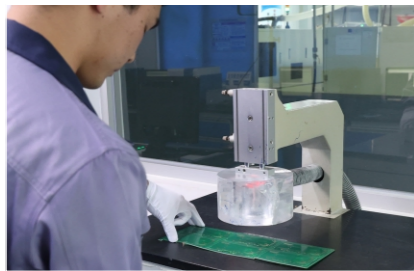


De-warping Machine

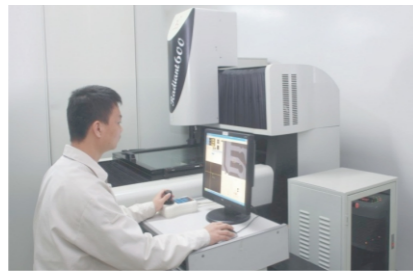


AVI

Testing Equipment



Auto Sampling Machine



Two Dimensional Measurement Machine



CM1900 Metal Thickness Tester



Ionic Contamination Tester



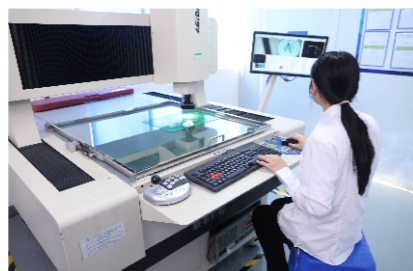
Impedance Tester



High Voltage Resistance Tester



Peel Strength Tester



X,Y Coordinate Dimension Tester



Fly Probe Tester



Automatic Warpage Machine



Hole Inspection Machine



With over **18 years**
Experience in the PCB industry



Water Recycle System

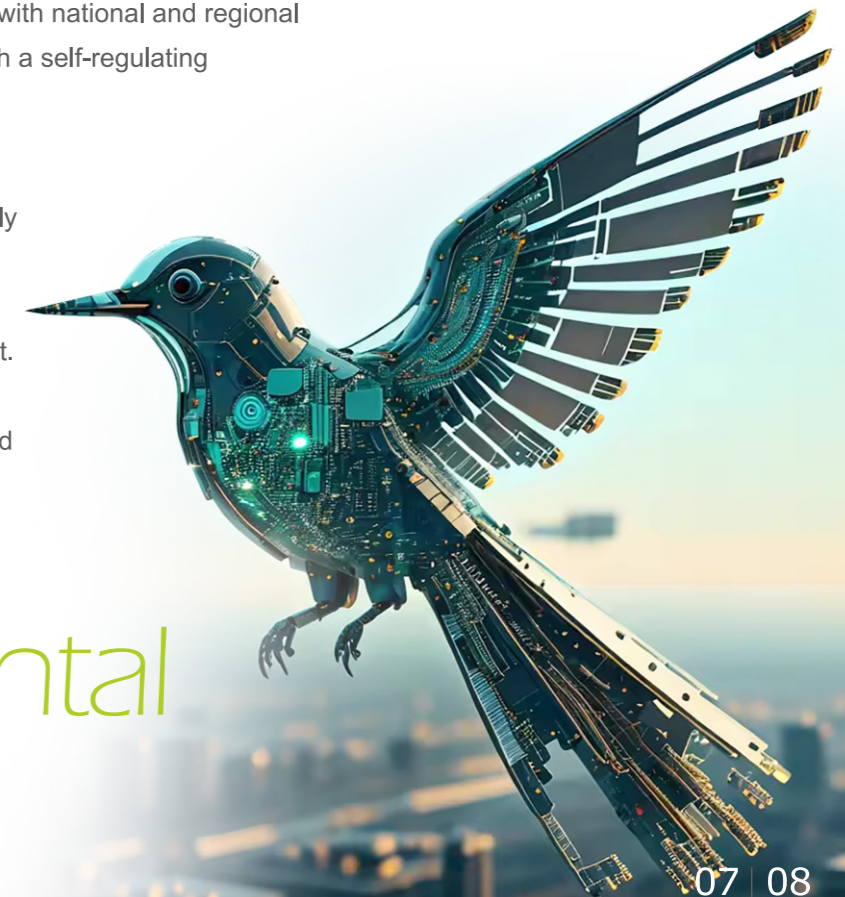


Water Recycle System Control Room



HITEK is committed to maintaining a high-quality environment and implementing policies for resource conservation and waste management. With a deliberate focus on achieving continuous improvement in pollution prevention and responsible disposal of environmentally hazardous substances, HITEK pledges to fulfill and comply with national and regional environmental protection legislation. We establish a self-regulating

In strict compliance with RoHS, HITEK exclusively uses materials that meet RoHS standards, rejecting the incorporation of hazardous substances in electrical and electronic equipment. This commitment reflects our dedication to contributing to the protection of human health and

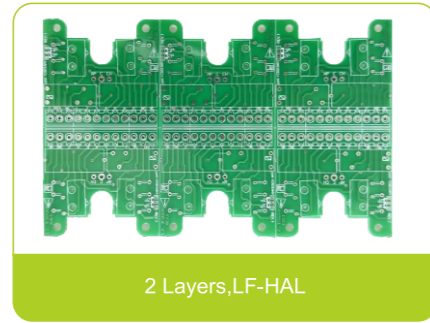


Environmental Protection

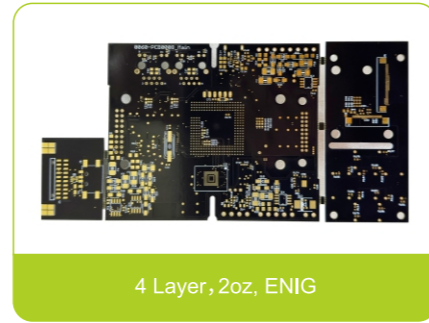
Product Overview



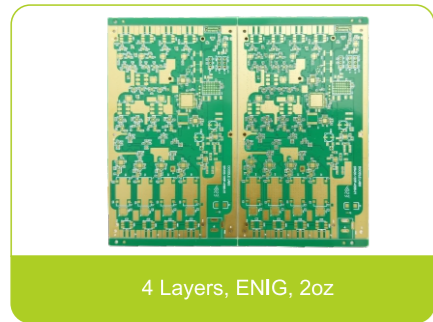
2 Layers , Gray Solder Mask



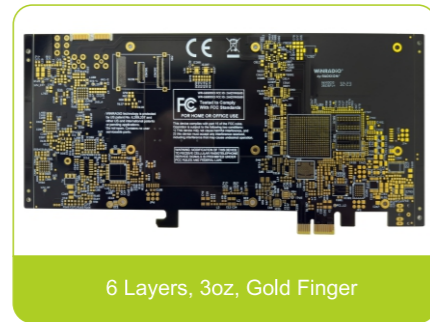
2 Layers,LF-HAL



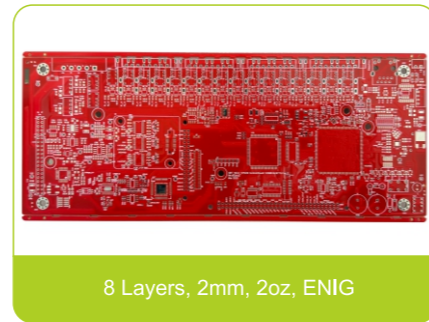
4 Layer, 2oz, ENIG



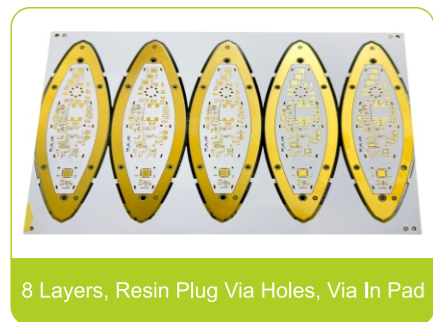
4 Layers, ENIG, 2oz



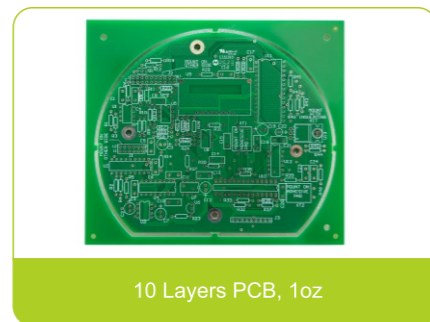
6 Layers, 3oz, Gold Finger



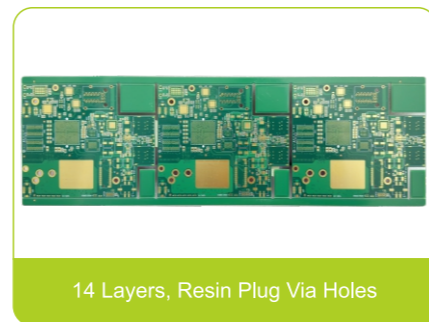
8 Layers, 2mm, 2oz, ENIG



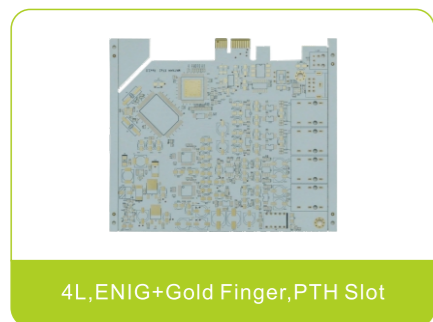
8 Layers, Resin Plug Via Holes, Via In Pad



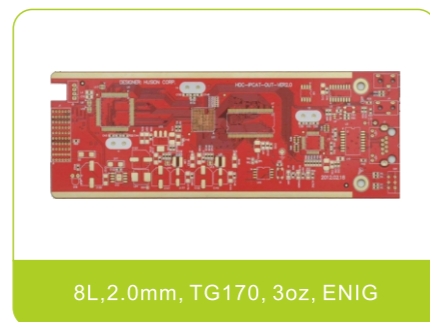
10 Layers PCB, 1oz



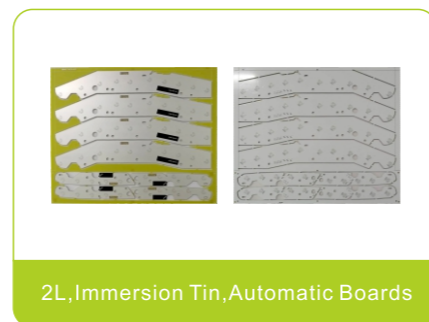
14 Layers, Resin Plug Via Holes



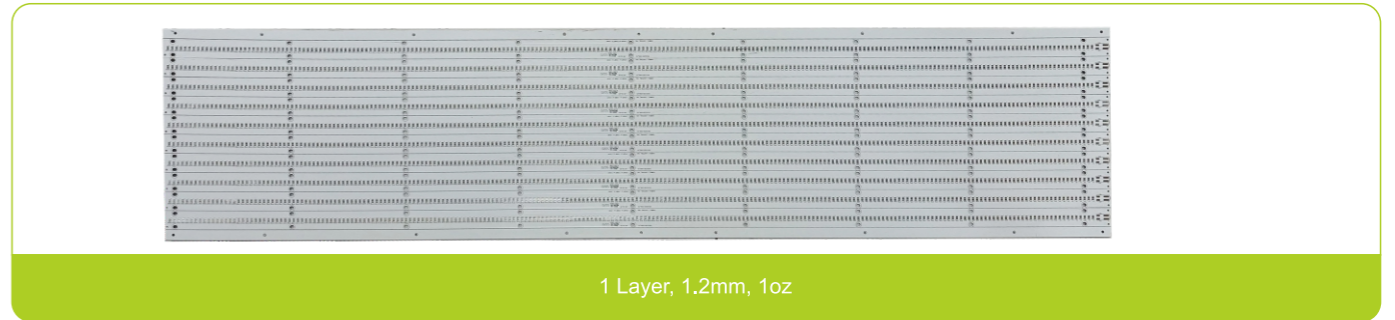
4L,ENIG+Gold Finger,PTH Slot



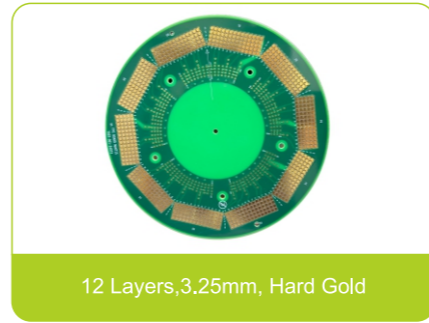
8L,2.0mm, TG170, 3oz, ENIG



2L,Immersion Tin, Automatic Boards



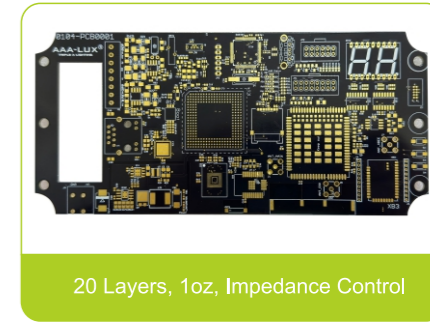
1 Layer, 1.2mm, 1oz



12 Layers,3.25mm, Hard Gold



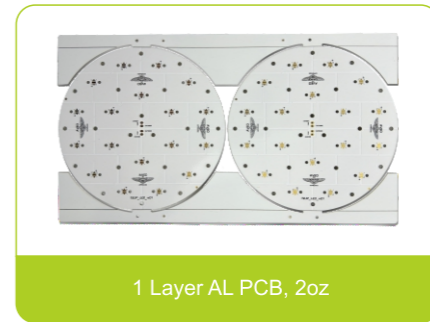
12 Layers PCB, 2oz



20 Layers, 1oz, Impedance Control



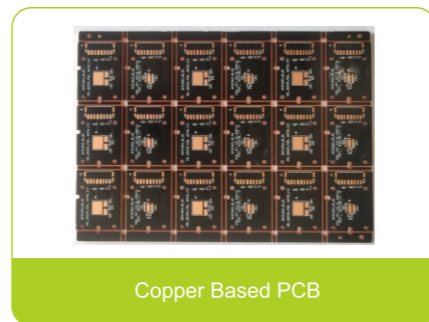
1 Layer AL PCB, 1oz



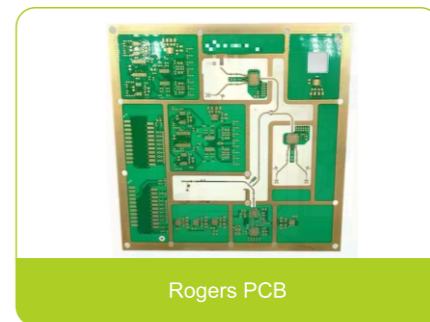
1 Layer AL PCB, 2oz



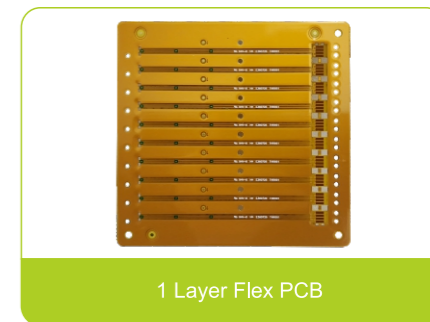
1 Layer AL PCB, 3oz



Copper Based PCB



Rogers PCB



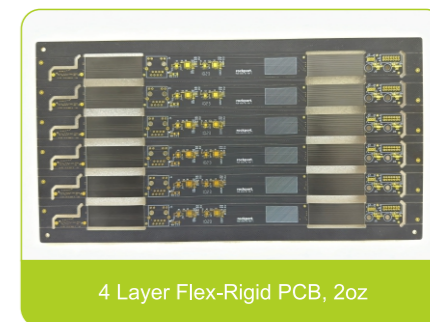
1 Layer Flex PCB



2 Layer Flex PCB



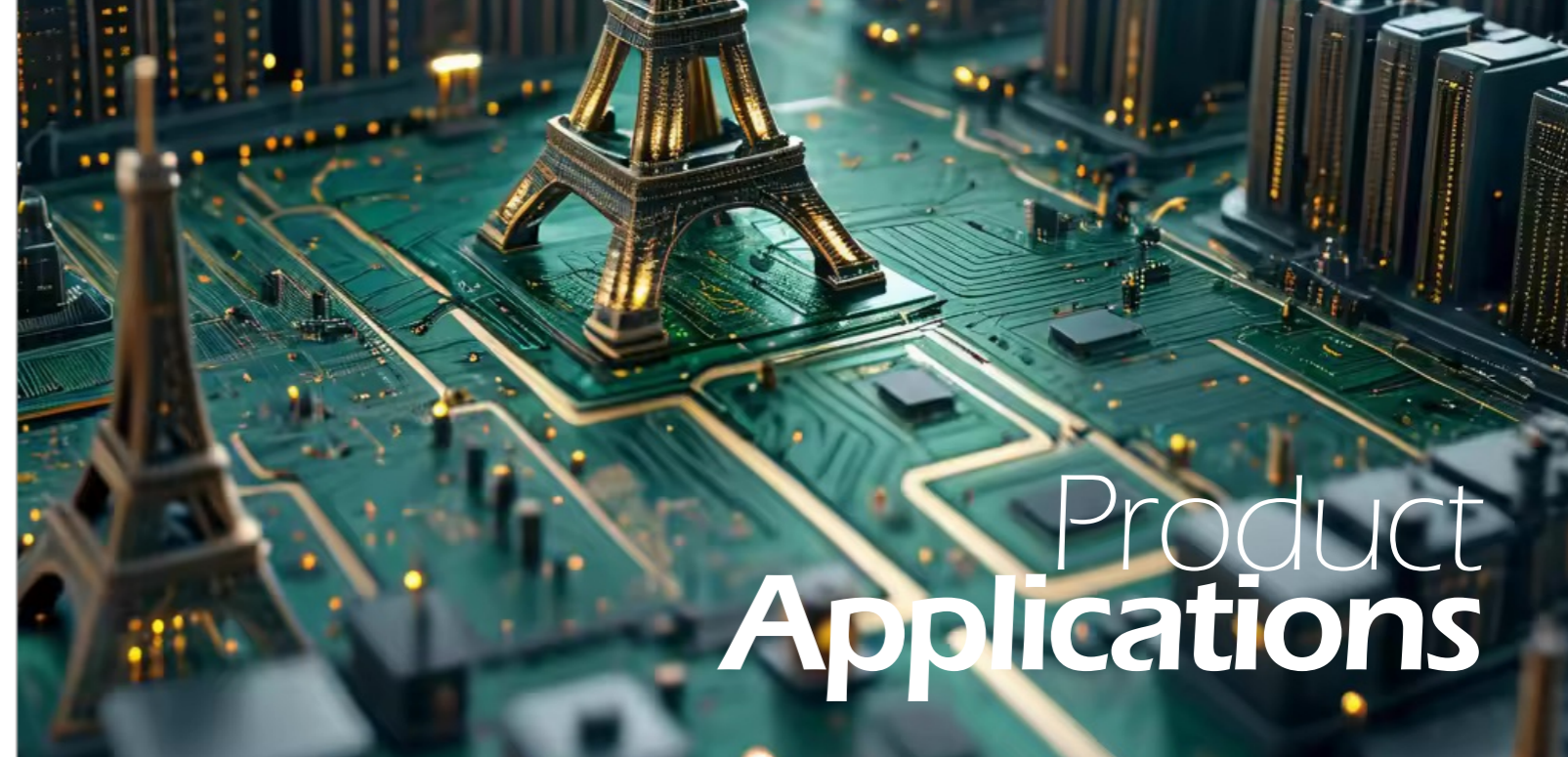
2 Layer Flex-Rigid PCB



4 Layer Flex-Rigid PCB, 2oz

Quality System

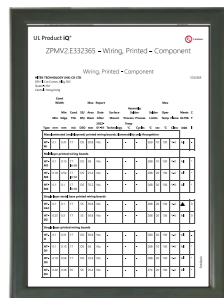
- Incoming QC
- In-Process QC
- Process Control Auditing
- AOI Inspection
- 100% Electrical Testing
- AVI Inspection
- 100% Final Inspection
- Final Quality Audit-C=0 Sampling Plan AQL0.65



Product Applications

Certificates

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UL E332365



IATF 16949



ISO 9001



ISO 14001



UL E332365



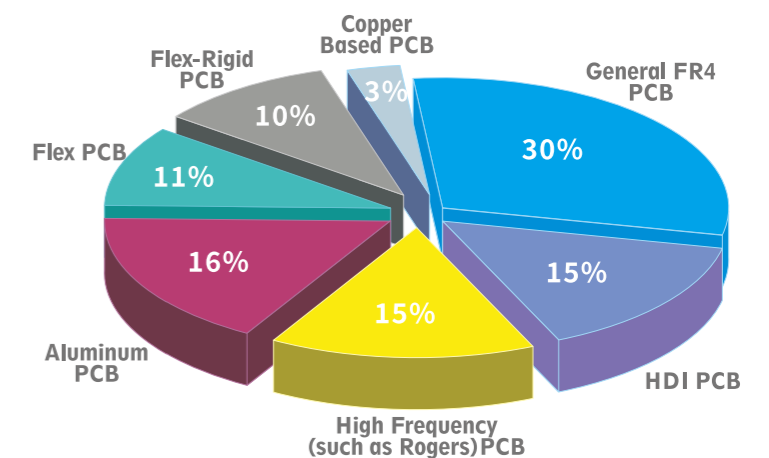
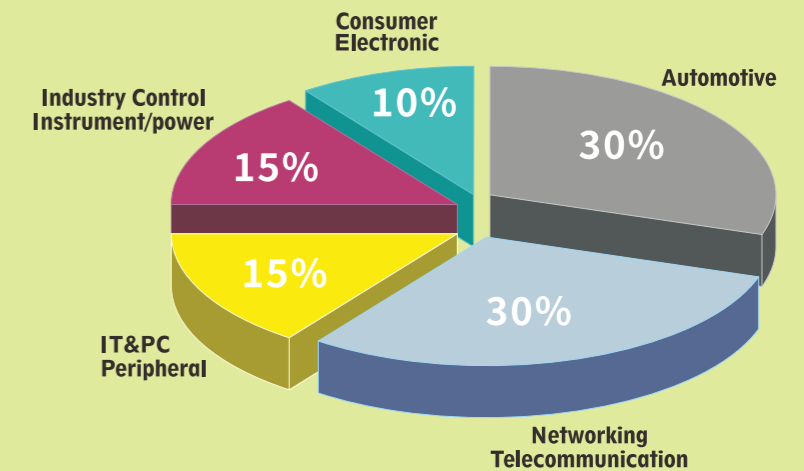
IATF 16949



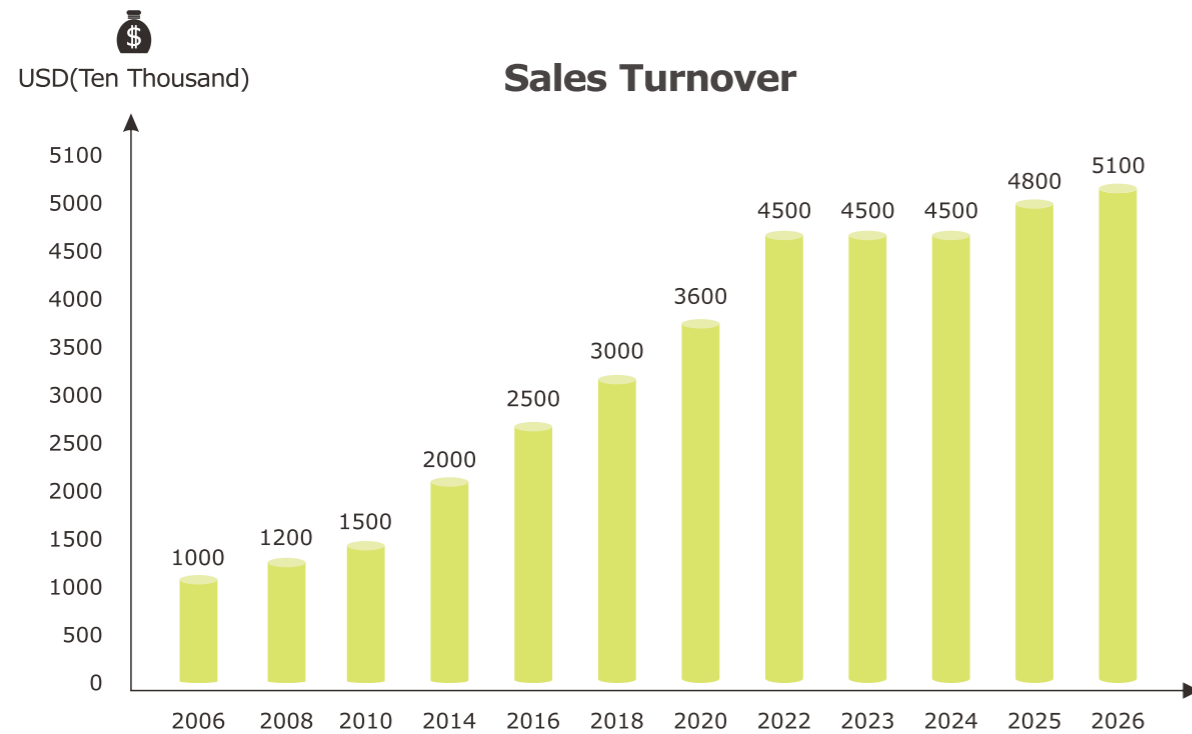
IPC MEMBER



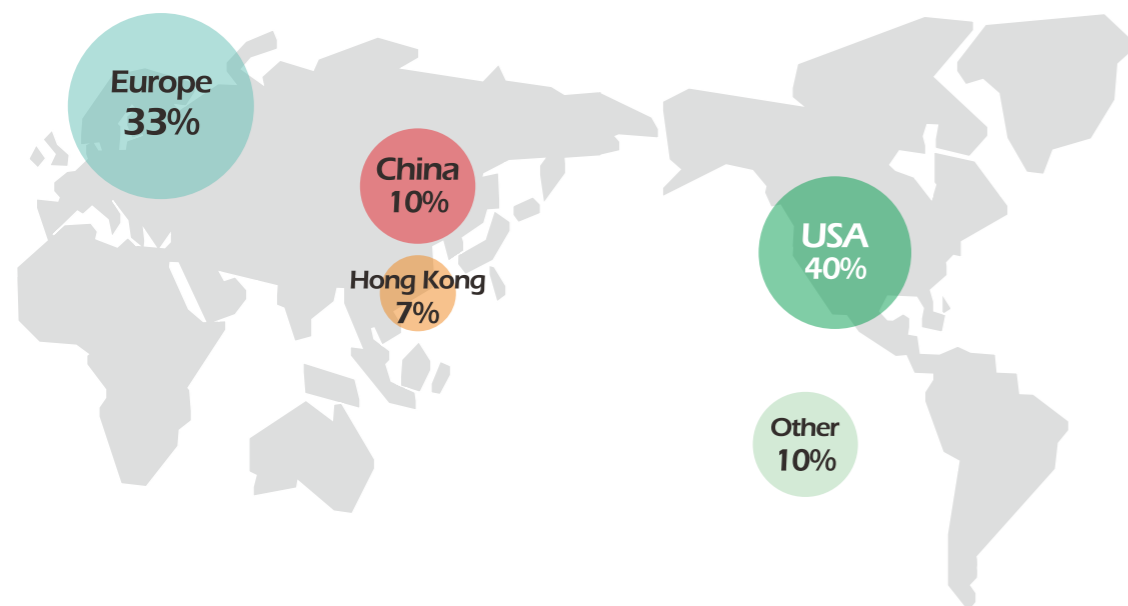
CANADA UL



Business Overview



Customer Distribution



Company Culture

Company Culture

Faith, Quality, Innovation

Company Belief

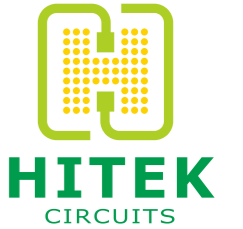
Market based on quality customer comes from service

Organization Culture

A competent and innovative organization
Work for learning and learning from work



Exhibition Information



As your trustworthy PCB supplier,
HITEK is committed to solving all your needs.
From quality PCBs to added services like components,
PCBA, stencil, equipment, and gloves, we've got you covered.
Experience convenience and reliability with us.
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