

# SUCCESS CIRCUITS



PCB & PCBA one-stop manufacturer

SUCCESS CIRCUITS GROUP LIMITED

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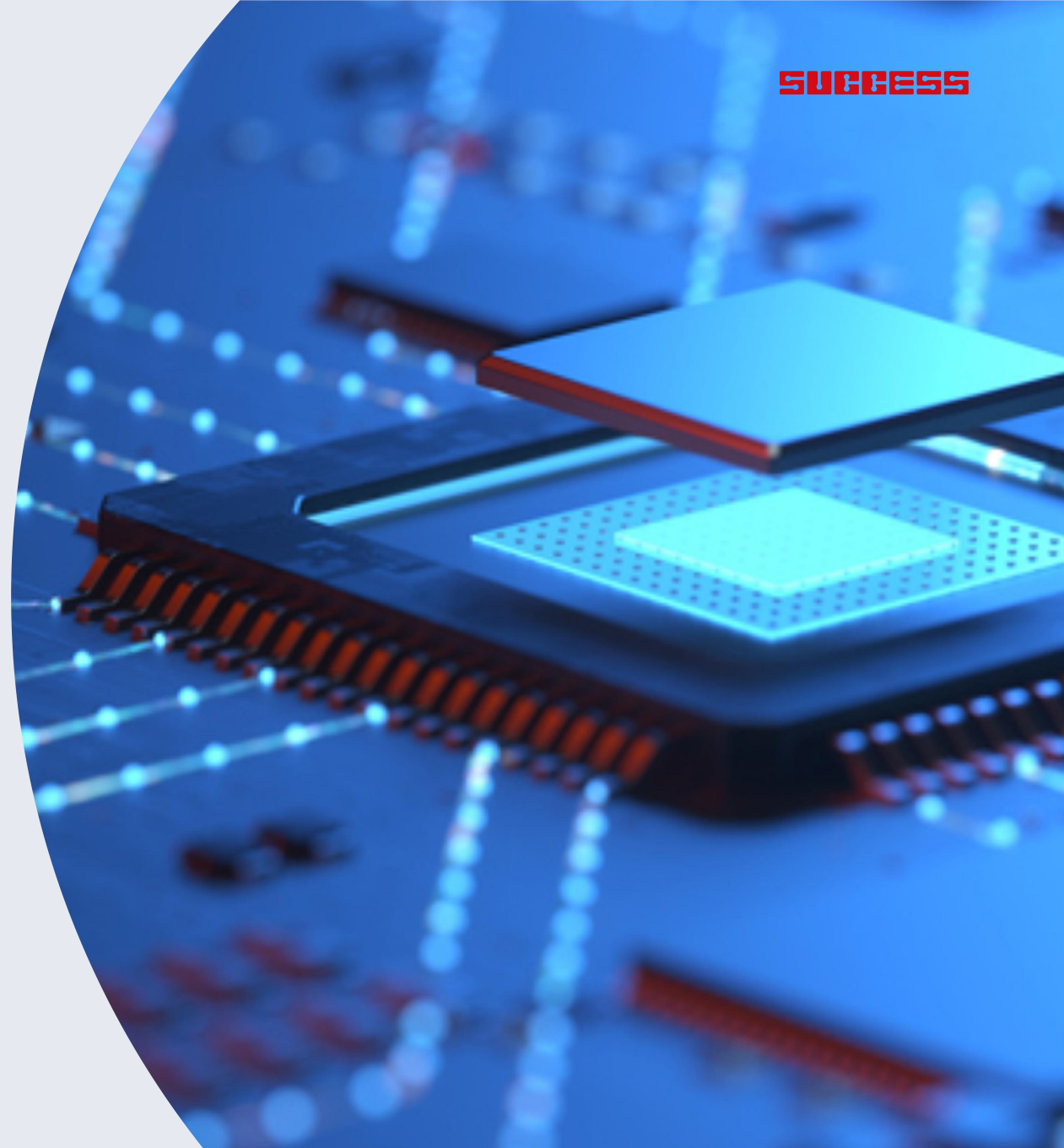
**Company profile**



### SUCCESS CIRCUITS GROUP LIMITED

SUCCESS CIRCUITS GROUP LIMITED(GLOBAL SUCCESS CIRCUITS CO., LTD/SRD CIRCUITS CO., LTD) is a professional PCB & PCBA one-stop manufacturer, which was established in 2005 in ShenZhen, China. We have 2 PCB factories and 2 SMT assembly plant, which dedicated to PCB design, double-side, multi-layer PCB manufacturing, procurement of components on behalf of customers, and PCBA manufacturing services. We have a complete set of world-class PCB production and testing equipment that can meet any order structure of our customers. We have created a good reputation in the global circuit board market due to precise production positioning, stable delivery and excellent quality assurance. Our company in accordance with ISO9001 quality management system to carefully select materials and carefully product. All delivered products have passed the company's stringent professional performance testing, which function is stable and can meet the needs of the customer market.

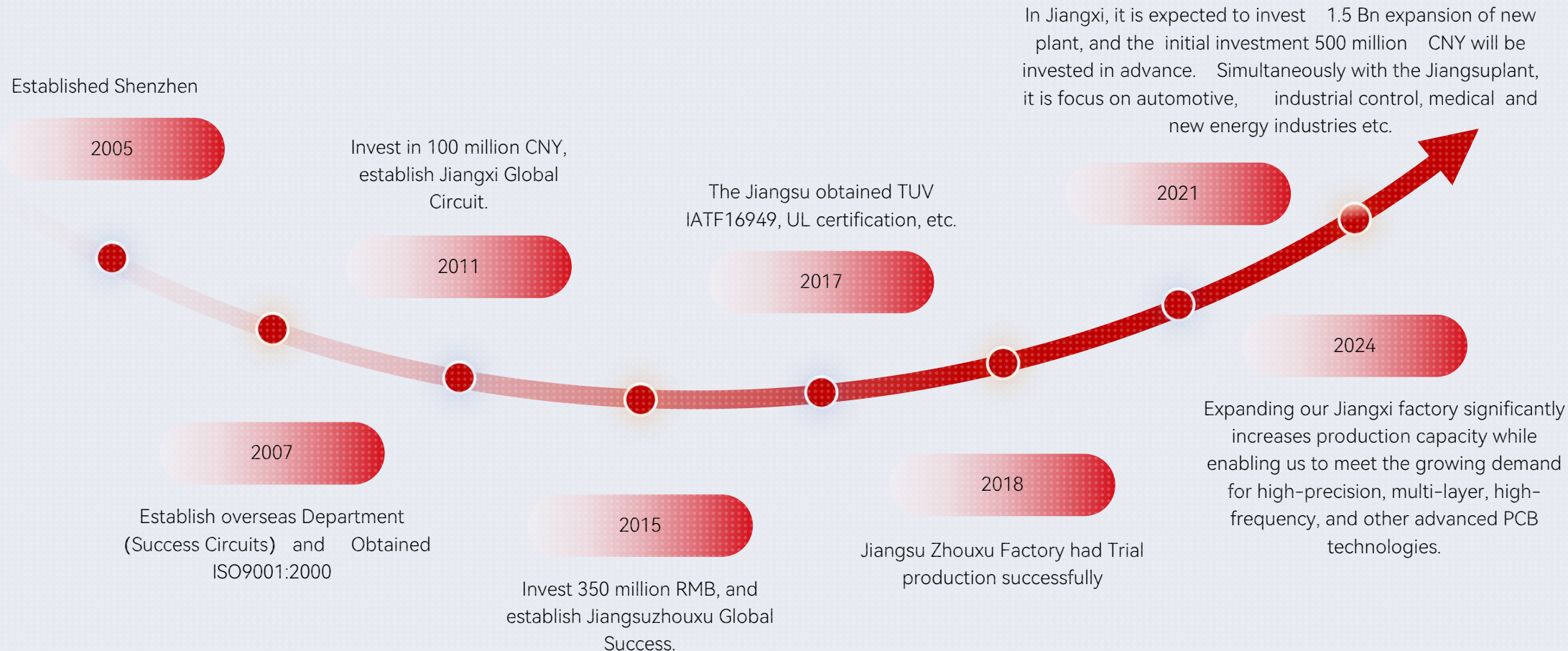
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# Development History

SUCCESS





Jiangsu GLOBAL

Jiangxi GLOBAL





## Jiangsu Factory

Jiangsu Factory established with investment of USD 58M.

GSC purchased 67 acres of land in Huai'an City, Lianshui County Economic Development Zone Jiangsu Province. The new 25,000 square meters of standard plant now officially put into full production and mainly for multi layer PCB for industrial control, security, automotive electronics, communications multilayer board, thick copper board, high-frequency board.



Capacity: 80,000m<sup>2</sup>/month

Production area 25,000 m<sup>2</sup>





### Jiangxi Factory

#### Jiangxi Phase I plant

Building area 13000 sqm  
Single&Double,Multi-layer,Aluminum PCB

Capacity 35000m<sup>2</sup>/Month

#### Jiangxi Phase II Plant

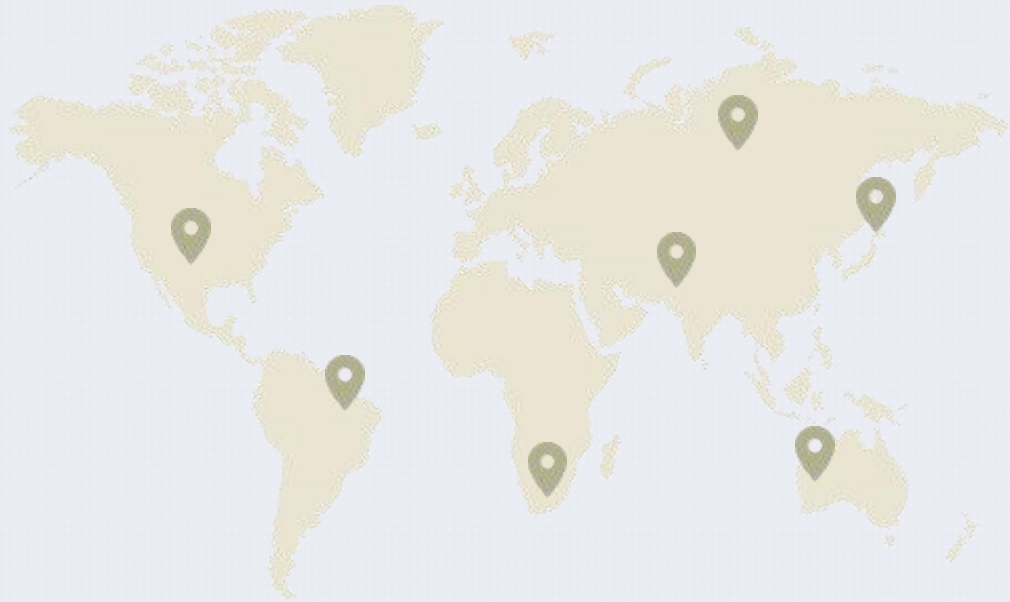
Building area 110000 sqm  
Mainly in automotive electronics, industrial control, new energy, high frequency, high speed /5G and other high layer products

Employee 800-1000  
Capacity 150000m<sup>2</sup>/Month

## MARKET SIZE —●

SUCCESS

The preferred PCB service provider for 10,000 users worldwide.



We have a stable customer base in Europe and America and are expanding into Southeast Asia. With extensive experience in these markets, we provide global supply chain support and respond quickly to customer needs.



Served clients in more than 100 countries.

Served over 10,000 customers worldwide.

The daily order styles exceed 2500+.

Fastest delivery time is 12 hours.





02

## **Production Equipment**



# Process and main equipment

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Auto material cutting



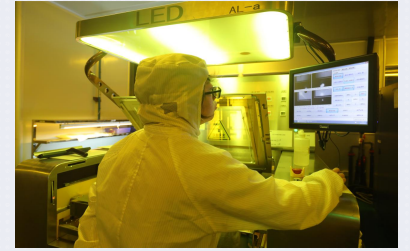
Inner layer pre-treatment



Inner layer dry film pressing



Auto inner layer alignment



Automatic lamination



Multi-layer browning treatment



Inner AOI



Inner DES



Automatic X-Y positioning



CNC drilling



Automatic hole checking



Drilling and deburring





# Process and main equipment

**SUCCESS**

Auto DSM&PTH



Outer layer Pre treatment



Auto Dry film Pressing



Auto outer layer alignment



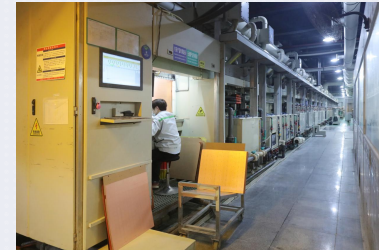
Auto outer layer de-filming  
and etching de-tinning line



Auto plating



VCP



Outer layer exposure



AOI automatic line



Outer AOI mid-inspection

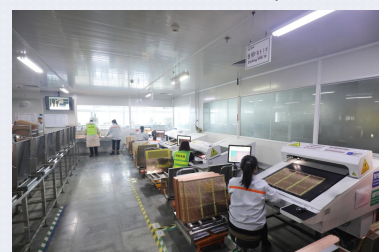


plate grinding machine



Solder resist wire screen printing





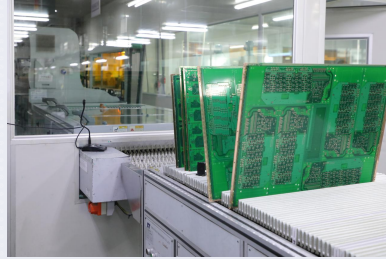
# Process and main equipment

**SUCCESS**

Soldermask CCD  
automatic alignment



Solder Resist Development



Silkscreen Printing



Post Silkscreen backing



CNC



V-CUT



ENIG



HASL Pre&Post treatment



Cleaning



Automatic testing



Fly-probe test



Four Wire Tester





# Process and main equipment

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Finished product moisture removal and leveling equipment



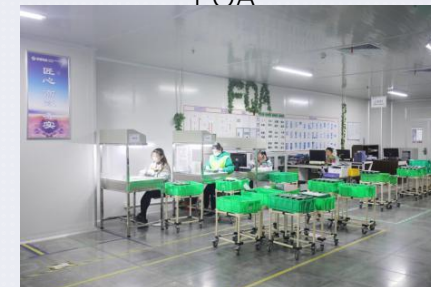
Auto AVI



FQC



FOA



impedence measurement



RoHS



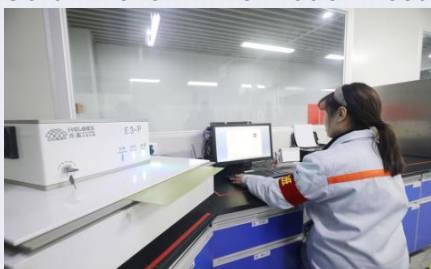
section observation



Full-size measurement



Gold-Nickel-Tin & Reach Test



Ionic contamination detection



Pressure resistance test



Packing





# Testing equipments

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E-test



Chemistry lab



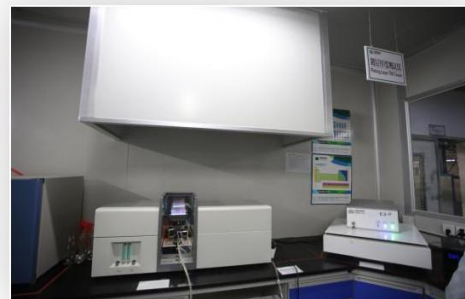
AOI Online



VRS



Plating layer E-test



X-ray



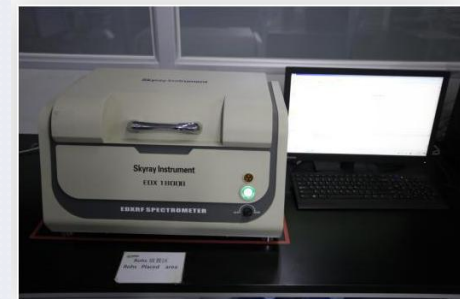
AVI



Impedance test



RoHS Test machine



Chemistry Lab



Physics Lab







03

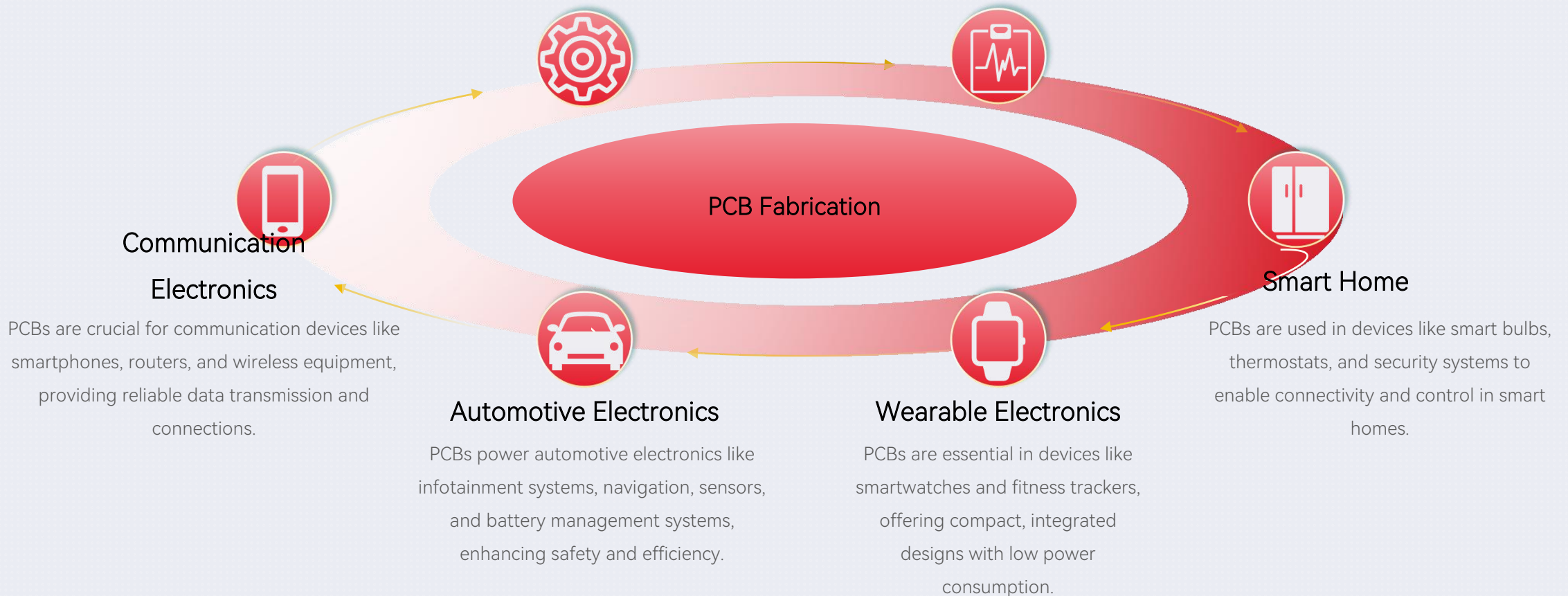
## Our Advantages

## Industrial Control

PCBs are integral to industrial automation systems, robots, and sensors, supporting efficient signal processing and control in manufacturing processes.

## Medical Electronics

PCBs are used in medical devices like pacemakers and glucose monitors, ensuring high precision and reliability for patient care.







## Unstable Product Quality

Implement strict quality control at every stage of production.

Use automated inspection and testing equipment ( AOI, X-ray) to ensure product consistency.

Continuously improve production processes to enhance product reliability.



## Unreliable Delivery Times

Develop a flexible production schedule to prioritize urgent orders.

Increase production capacity to handle high-demand situations.

Provide transparent and regular progress updates to customers.



## High Costs

Offer flexible customization options for small batch orders.

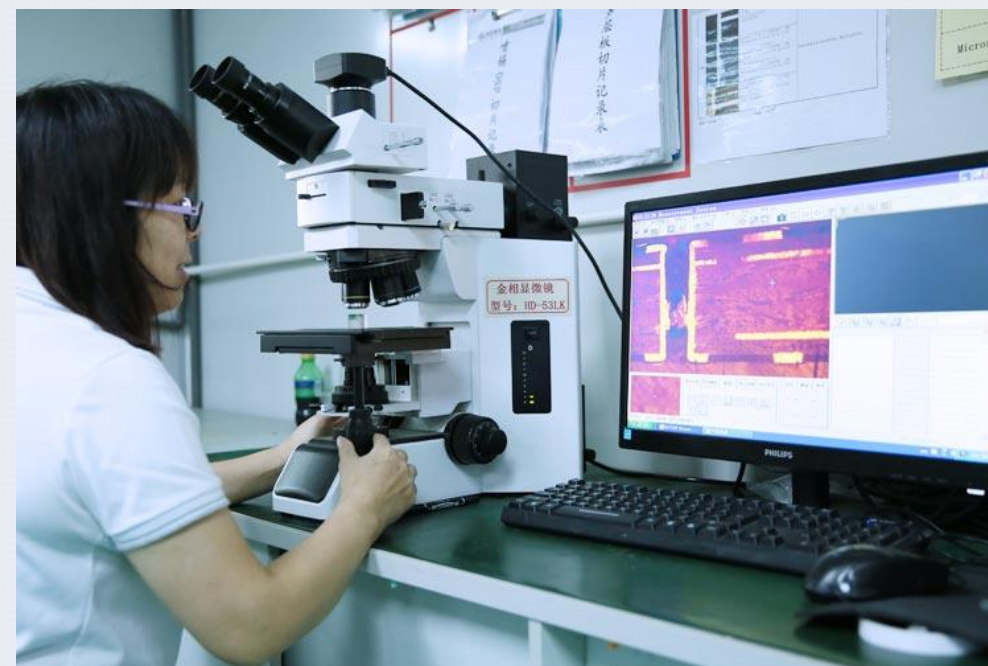
Adopt advanced manufacturing techniques to reduce production costs.

### 01 High-Quality Standards

We implement a strict quality control system, ensuring every PCB meets high standards through meticulous checks at every stage, from raw material procurement to final product inspection.

### 02 Flexible Delivery Capabilities

Whether it's urgent orders or large batch production, we can adjust production schedules flexibly to ensure on-time delivery, helping customers avoid production delays.



### 03 Cost-Effectiveness and Customization

We offer diverse customization options to meet small batch order needs, while optimizing production processes and technologies to reduce costs, providing customers with cost-effective solutions.

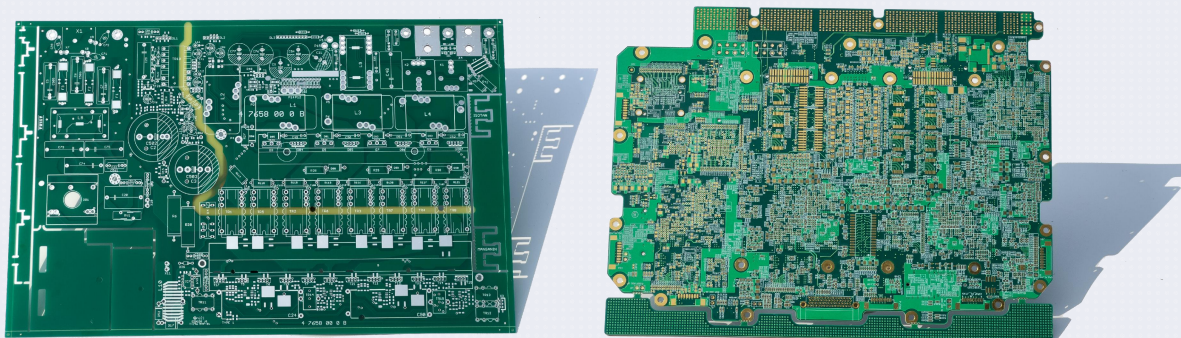
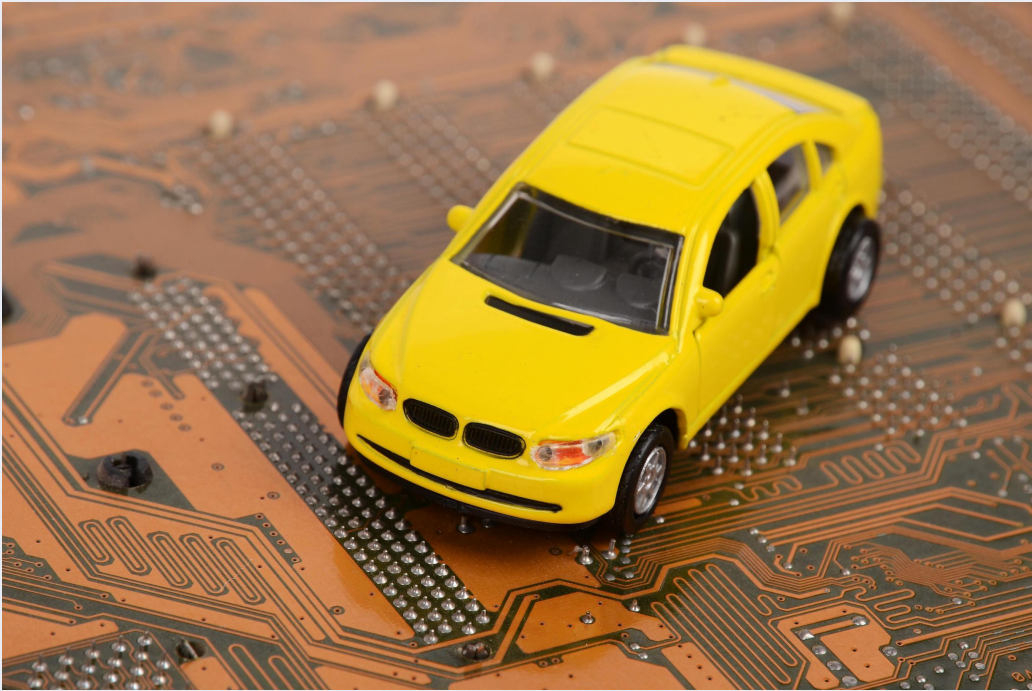




04

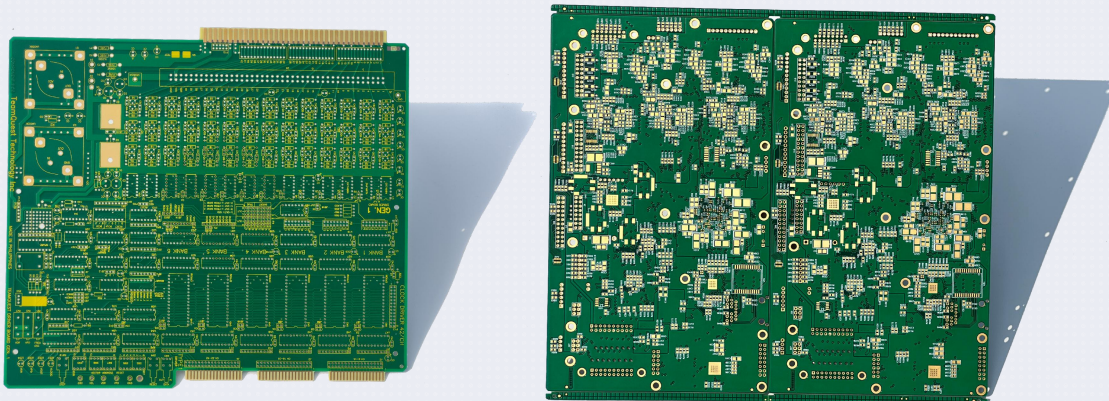
## Product Introduction





Application Products:  
Electric Vehicles, Industrial  
Power Supplies, Charging Piles, BMS



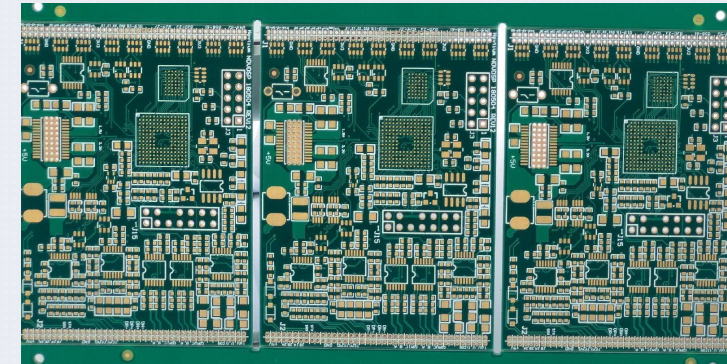
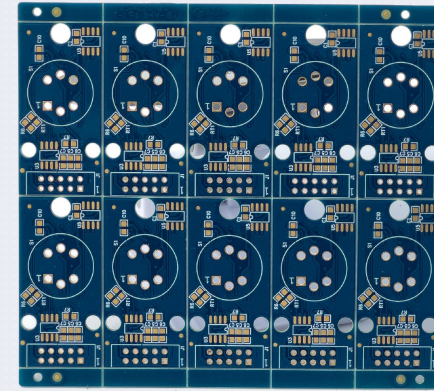


Application Products:  
Photovoltaic inverter, outdoor/  
home energy storage, smart  
equipment, UPS power supply,  
High-Speed Rail Equipment, etc .



# SmartHome, Security, 5G, IoT,etc

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Application Products:

VR, Video Modules, Anti-Theft System, DetectionSystem, etc.



Capability				
Layer count		1-30L	Min PCB thickness(doouble side)	0.2mm
Max PNL size		635×1120mm	Min. PCB thickness(multilayer)	0.4mm
Min Circuit width		0.075mm	Max Cu thickness	6/6 OZ
Min Circuit space		0.075mm	Mininum inner layer thickness	0.15mm
Min SM Thickness		5-30μm	Mininum hole size tolerance	±0.05mm
Min hole diameter		0.2mm（纵横比10:1）	Mininum hole size tolerance	PTH:±0.075mm （Press Fit: ±0.05mm） NPTH:±0.05mm
Warping		≤0.5%- 0.75%	Mininum outline tolerance	±0.075mm
impedance tolerance		+/-10%	Pattern registration tolerabce	±0.05mm
Surfance treatment		喷锡，OSP，沉金，沉锡，金手指，沉银 LF HASL, OSP, ENIG, immersion Ag, immersion Tin		
Laminate	Brand	建滔 、生益 、南亚、联茂、ISOLA 、ROGERS KS、SY、NY、ITEQ、ISOA、ROGERS		
	Material	FR-4: 中高TG、无卤素, 厚铜、高频板、高速板、 铝基板、FR-08 FR-4F: medium/high TG, halong free, Cu based, high frequency, AL based, FR08		
Delivery term		双层板7-15天、四层样板9-18天 Double side: 7-15 Days & Multilayer: 9-18 Days		



# ISO9001:2015



IATF16949



UL/CUL



ISO:13485



QC080000



SQ



CQC



ISO:450001







05

**Users are  
satisfied**

Users choose us —●

**SUCCESS**



01

High-Quality Products – We ensure reliable, top-quality solutions through strict quality control.

02

Timely Delivery – We meet deadlines, ensuring our customers' projects stay on track.

03

Cost-Effective Solutions – We provide excellent value with competitive pricing and no compromise on quality.





With a 98% customer satisfaction rate and 99.3% product satisfaction, we are committed to delivering exceptional quality and outstanding service, ensuring every customer experiences the best.

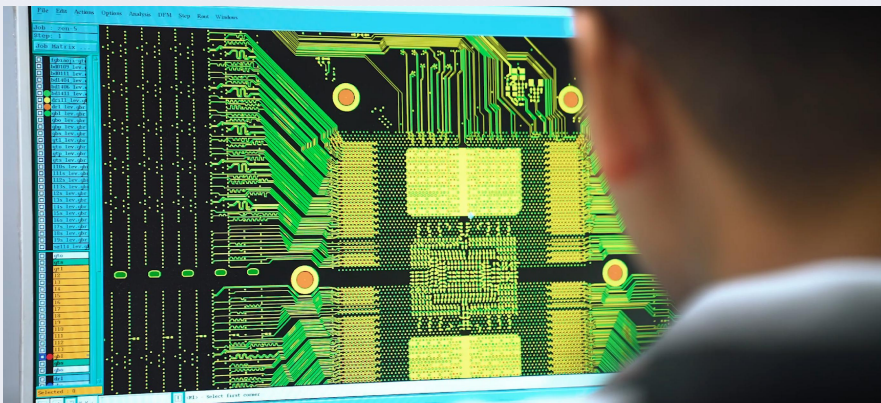
98%	Achieving 98% customer satisfaction – Your satisfaction is our priority!
99.3%	Achieving 99.3% Quality Satisfaction – Your Guarantee of Perfection!



06

**Our team**





01

## Professional PCB engineering team

A professional PCB engineering team can help solve design optimization, prototype development, cost control, high-frequency circuit issues, and provide full technical support to ensure high-quality and reliable PCB solutions.

02

## Professional PCB Production Team

A professional PCB production team can ensure timely delivery, high-quality manufacturing, cost control, and efficient problem-solving for complex designs, while maintaining strict adherence to industry standards.

03

## Professional PCB Quality Assurance Team

A professional PCB quality control team ensures product consistency, detects and fixes defects, improves reliability, meets industry standards, and minimizes rework and returns.



# Exhibition









# Thanks



PCB & PCBA one-stop manufacturer

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