



QUALITY IS MORE THAN A WORD

Overview

INTRODUCTION

Established in 2002, the plant is an Electronics Circuit Boards Manufacturing provider that primary works with companies on a contractual basis, supporting Consumer Electronics, Industrial Control, Semiconductor, Power Devices, Security Products and Telecommunication industries.

With a construction area of over 7,500 square meters facility and nearly 360 seasoned staff to produce double-sided and multi-layers 30,000 SQm² per month. Its headquarter is in HongKong and with its facility located in Shenzhen Houting Second Industrial Park it attracts and cultivates a group of technical elites and management teams who are proficient in laying a solid foundation for the production of high quality products.



AGS-TECH Inc.

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Teamwork

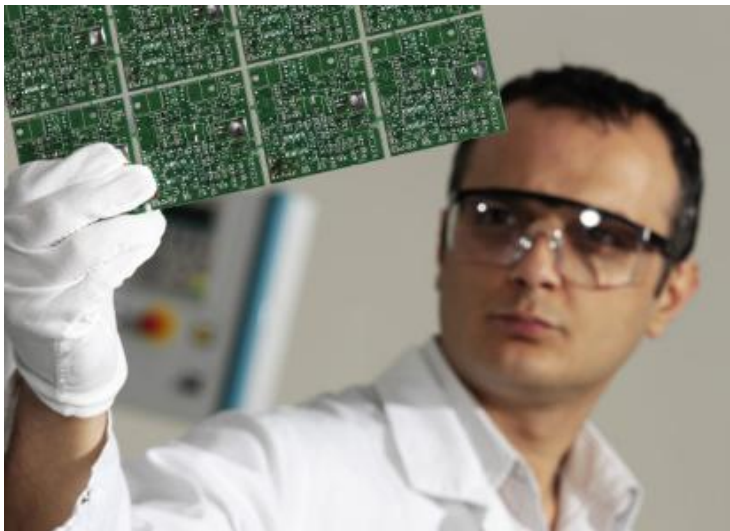
We have a fully-staffed team of degreed engineers with over 10 years PCB experiences. Our Engineering Group supports all phases of the manufacturing process – from receiving the design files from Customers to Quote phase through suggestions for manufacturability and writing manufacturing Instructions, to ensure maximum efficiency and highest precision for our customers.

CUSTOMER SERVICE

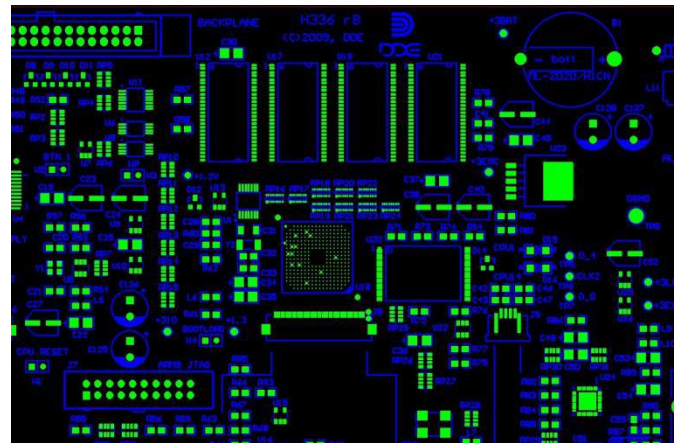
A close working relationship with our Customers has been a key feature of the business model, some Customers have been with us since our establishment in 2002. Our team provides a high level of technical support to Customer engineers and buyers and we take pride in providing excellent service. We look forward to continued successful business relationships with our existing Customers and are open for any challenges with new Clients.

TEAM GROUPS

As a contract manufacturer, not only equipped with many advanced automation, CNC machines but also employing 8 staff for top-management, 40 staff for sales and Customer service, 220 staff as production operators, 55 staff as CAM/MI engineers and technicians, and 50 staff for quality and shipping planning all full-time and trained.



Understanding that a successful company keeps its Customers happy through on-time delivery, fair pricing, and top notch Customer service, this has continued through the years and prevails in everything we do. We are always looking for ways to improve, which explains our company's growth from a supplier of PCB's 15 years ago to offering value-added services to ensure the best Customer experience possible today.



ENTERPRISE CULTURE

We constantly strive to do the best in everything we do. Going the extra mile that others do not go differentiates us from others. Instead of simply saying we can't do it, we look for alternative options no matter how challenging a particular project is. We also realize that teamwork makes a big difference. Both internally as well as with our customers and partners we work as a team and no challenge can stop us.

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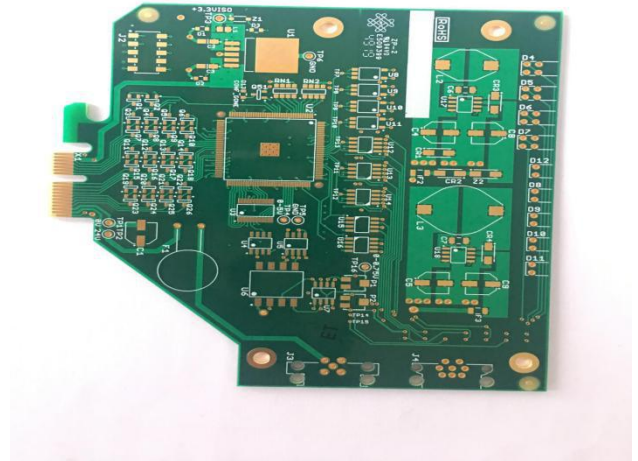
Product & Services

With advanced automated machines and seasoned employees we provide our customers a wide range of products with highest quality and consistent on-time delivery

With many years' experience of manufacturing, factory provides its Customers various circuit boards manufacturing services from Rigid, Flex, and Rigid-Flex as well as Aluminum substrate boards, focusing on quick-prototypes to medium volumes built as swiftly and cost effectively as possible.

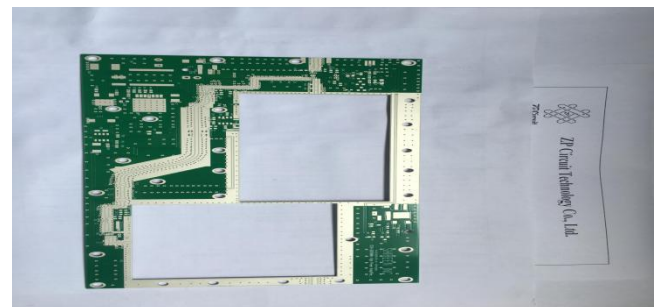
QUICK-TURN PROTOTYPING

Whether it is a 2 Day, 3 Days or even 24-hours service our workers and Prototyping lines are fully capable and ready to help fulfill your needs. We encourage our customers to do prototypes because this is most cost effective in the long run. Having a prototype will allow you and our engineers to recommend and implement design changes which will improve manufacturability. We all understand that quick-turn around job means the timing is critical for each processing stage, we have a 6*24 hours Production Team and 7*24 hours Customer Service team, with 2 working shifts per working day and a flexible working time for all overseas sales to guarantee 2-hours Quick Quotes and instant EQ processing to make sure on time delivery each time for its customers.



MIXED MATERIAL BOARDS

As an old brand manufacturer, we understand the diverse and rich requirements from customers, we typically stock various common materials for customers option. The mixed-material board is also one of the feature product services. Some of the most common mixed boards such as Rogers 4003C + FR-4, Rogers 4350B + FR-4 board etc..



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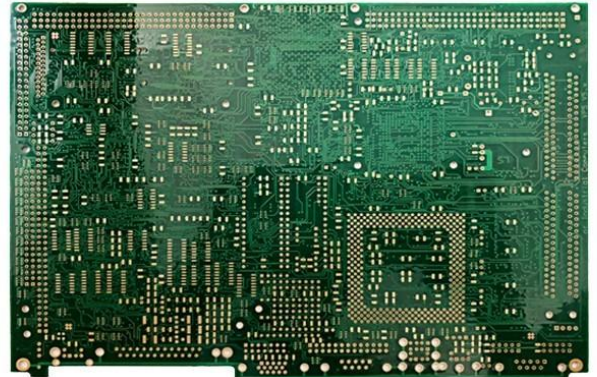


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Product Services

HIGH DENSITY INTERCONNECT TECHNOLOGY

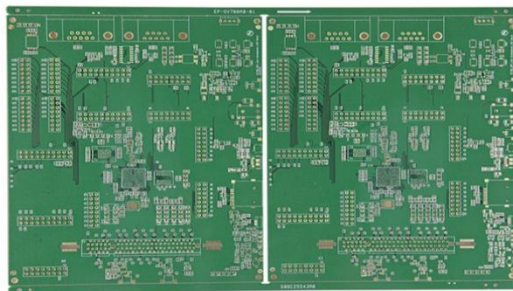
HDI boards, one of the fastest growing technologies in PCBs market, are now available, HDI boards contain blind and/or microvias and often contain microvias of .006 or less in diameter. They have a higher circuitry density than traditional circuit boards, they are through vias from surface to surface, with buried vias and through vias, two or more HDI layer • with through vias, passive substrate with no electrical connection, coreless construction using layer pairs and alternate constructions of coreless constructions using layer pairs.



HDI MACHINES TECHNOLOGY

High Density Interconnects (HDI) process technology has continually evolved into PCB design since their initial introduction in semiconductor package modules in the late 1980's.

With the changing needs and markets, we continually optimize our manufacturing environment to take full advantage of the latest printed circuit board equipment available. With the introduction of (HITACHI laser drilling LC-2K212E/2C (double axis) machines, allowing board size to be maximum 533 * 685mm and board thickness to be in 0.2mm-3.0mm, can use laser for drilling minimum 0.1mm holes.



HDI FEATURED SERVICES

Today, controlled depth laser drilling of vias in laminates combined with a variety of copper plating processes has become the dominant method of HDI fabrication. With the experienced workers and advanced machines which will allow to manufacture 2+N+2 steps of HDI boards, expedite services for HDI boards is also our featured service.

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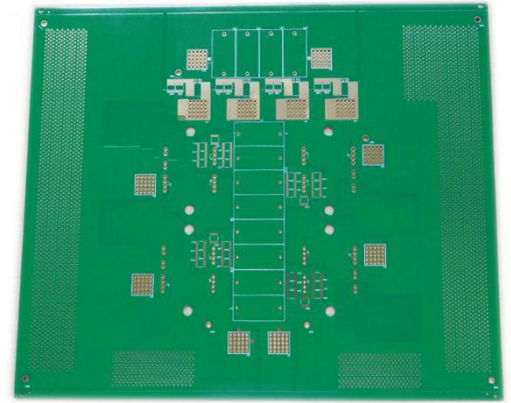
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Product Services

NICHE PRODUCTS

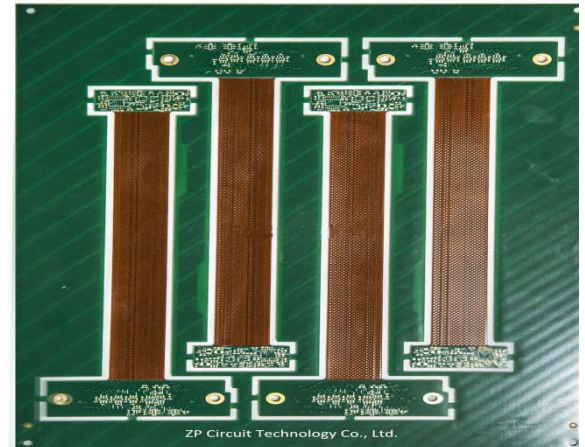
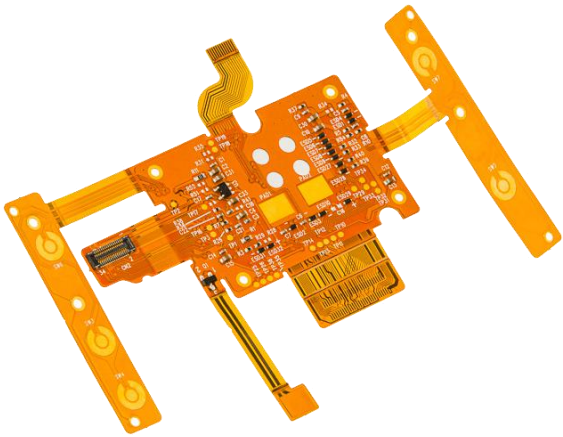
Heavy copper boards do not have a set of definition per IPC standard. According to PCB industry, however, people generally use this name to identify a printed circuit board with copper conductors over 3 OZ weight in inner and/or outer layers. And extremely heavy copper PCB refers to 50 OZ printed circuit boards, heavy copper boards of 16 OZ is available inhouse so high copper boards is niche product.

Heavy copper boards normally used for various products not limited to high power distribution, heat dissipation, planar transformers, power convertors, etc.....



FLEX TECHNOLOGY

Flexible circuits (also referred around the globe as Flex circuits, flexible printed circuit boards, flex prints, flex-circuits) are members of electronics and interconnection family. They consist of a thin insulating polymer film having conductive circuit patterns and typically supplied with a thin polymer coating to protect the conductor circuits. The technology has been used for interconnecting electronics devices since the 1950s in one form or other. It's now one of the most important interconnection technologies in use for the manufacture of many of today's most advanced electronic products.



RIGID-FLEX TECHNOLOGY

Rigid flex circuits combine the best of both rigid boards and flexible circuits integrated together into one circuit. The two-in-one circuit is interconnected through plated thru holes, we provide you rigid flex combinations that are most commonly utilized.

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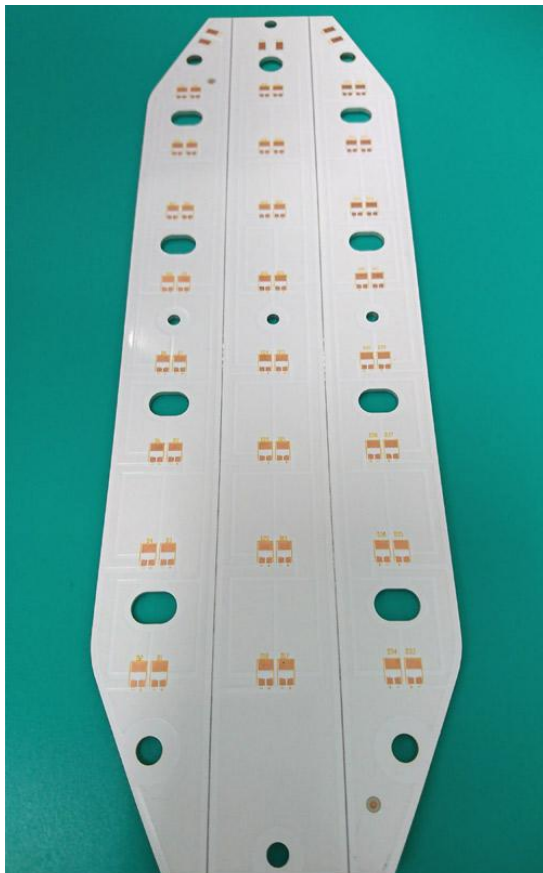
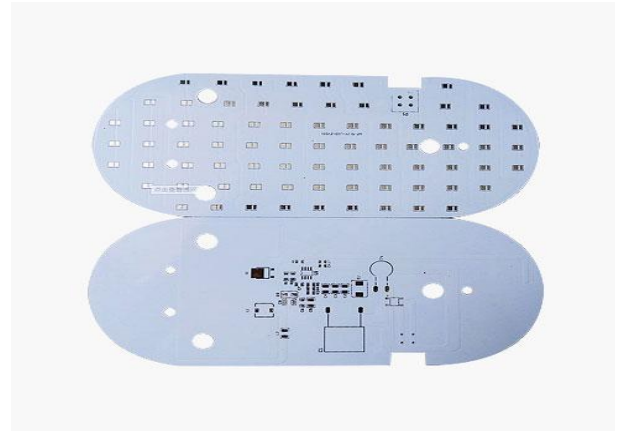


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Product Services

ALUMINUM SUBSTRATE BOARDS

The Aluminum substrate is a metal-based copper clad plate with good heat dissipation function. Generally, the single panel is composed of a three-layer structure, which is a circuit layer (copper foil), an insulating layer and a metal base layer. Also for high-end use is designed as a double panel, the structure is circuit layer, insulation layer, Aluminum base, insulation layer, circuit layer. A very small number of applications are multi-layer boards, which can be made of ordinary multi-layer boards combined with an insulating layer and an Aluminum base.



ALUMINUM BOARDS TECHNOLOGY

A simple layer single sided MCPCB consists of a metal base (usually Aluminum substrate) dielectric (non-conducting) Layer, Copper Circuit Layer, IC components and solder mask.

The prepreg dielectric provides excellent heat transfer from the foil and components to the base plate, while maintaining excellent electrical isolation. The base Aluminum plate gives the single-sided substrate mechanical integrity, and distributes and transfers the heat to a heat sink, mounting surface or directly to the ambient air.

AGS-TECH always trying to provide its customers diversified product services, with decades of market experience and under the sister company assistance, we would be able to supply customers metal core boards with only single /double layer Aluminum substrate circuit boards turnaround and cost efficiently.

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Quality Services

QUALIFIED CERTIFICATIONS

As a professional custom PCB fabrication company, we totally understand quality is the foundation of a company for long term existence/development, so quality always comes first to us, we always adhere to our mission of "**Quality is more than a word**".

CERTIFICATIONS

To provide customers consistent high quality products, factory has been ISO-9001, UL list, RoHS and Reach certified, also factory is honored to be a Member of IPC and CPCA group.

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Quality Services



CERTIFICATIONS

Factory is honored to be listed as a company of High-Tech Enterprise of Guangdong Province, it was awarded by the Guangdong Provincial Department of Science and Technology.



In order to provide customers consistent quality services, factory is proud to be member of the IPC and CPCA group.

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Delivery Services

 ZP Circuit Technology Co., Ltd. <small>Quality is more than a word</small>						
Lead Time	Layer Count					
	1/2L	4L	6L	8L	10/12L	>12L
The Quickest	1 Day	2 Days	3 Days	3 Days	4-6 Days	8 Days
Standard Turn	6 Days	7 Days	8 Days	10 Days	11-14 Days	17 Days
Remark: 6 Working days per week						
Shipping method: ocean shipping, air forwarder, DHL, UPS and FedEx						

LEAD-TIME

We fully understand short and accurate lead time is essential in today's rapidly changing marketplace. Customer needs to know the exact date of the PCBs delivery so they can prepare the project schedules ahead of time.

t provide a fast delivery with a logistics and distribution system, to enhance the speed and satisfaction of the delivery period, relying on excellent product and services.

To shorten the cycle time of new product introduction, lower costs and take initial market share. (š } 0E Q-makes to satisfy your needs. We provide 24 hours quick turnaround services, quotes turned in 2 hours or less on request and door to door services with international freight courier services.

FREIGHT COURIER SERVICES

& š } 0E Q with major shipping companies to deliver our quality boards abroad to customers destinations.



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Service Range

QUICKTURN SERVICES

- Quick Quote and instant EQ services
- Quick-turn prototypes
- Quick turnaround HDI services
- Quick engineering assistance response
- Quick shipping services
- Quick boards stencil services

MATERIALS

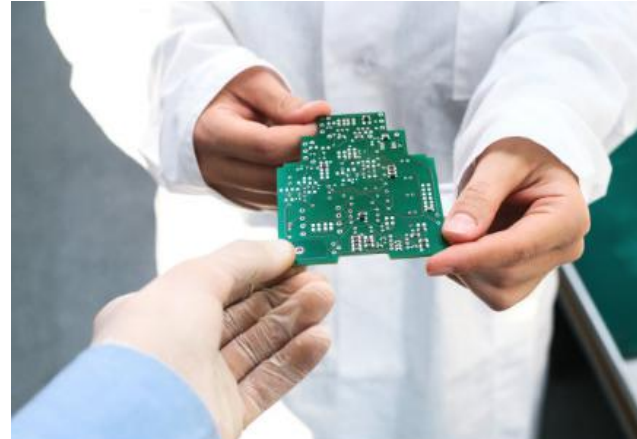
- FR-4, High-TG/Halogen-Free/Rogers/Arlon/TU872SLK/VT Series/Alu/FPC
- KB/Shengyi/ITEQ/Isola/Rogers/Ventec/Boyu/Laird/Polyimide
- Halogen-free material available

RIGID-FLEX TECHNOLOGY

- 1-8 layers Flex boards
- Min. 0.06mm(single sided) / Min. 0.12mm(double-sided)
- 2-8 layers rigid-flex boards

VALUE ADVANTAGES

- Excellent and seasoned team groups
- Full set of ERP managing system
- 7S management automated production lines
- Flexible sales work styles
- Rapid complaints management process
- Technical and engineering support
- Establish Win-Win long-term cooperation



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