

“ Making the most important
products in the world
Yours.®

POE POE MANUFACTURING
YOUR GLOBAL TECHNOLOGY
PARTNER

POE OFFICES AND FACTORIES:



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POE MANUFACTURING
YOUR GLOBAL TECHNOLOGY
PARTNER

One-stop Service, Superior Quality
Cost-effective Solutions
Full Lifecycle Support

POE-PCBA YOUR GLOBAL TECHNOLOGY PARTNER

One-Stop Smart Manufacturing Solutions for PCB & PCBA
Design to Mass Production, Hassle-Free All the Way



2026

Expertise Builds Quality, Service Earns Trust

POE-PCBA: Your Partner for the Next Era of Smart Electronic Production



OEM SERVICES FOR PCB AND PCBA.

Business is about building life-long relationships with attentive service,
quality products and honest business practices.

Mr Hu Jiwei
General Manager

CATALOGUE.

1. About POE

POE Company Introduction	01-02
--------------------------	-------

2. Core Advantages

2.1. One-Stop PCBA Turnkey Service	04-06
2.2. Stringent Quality Control	07-08
2.3. Flexible PCBA Manufacturing Capability	09-12

3. Our Products

Product Showcase	13-16
------------------	-------

4. Cooperation Cases

Communication Electronics	19-20
Industrial Automation	21-22
Medical Electronics	23-24
Smart Home	25-26

5. Factors Affecting Costs

5.1. PCB: Behind the Price – Materials, Processes, and Quality Control	27
5.2. Assembly: Why Our Pricing Reflects True Value	28

6. Global Sourcing

Current Global Supply Chain Situation	29-30
---------------------------------------	-------

7. Win-Win Cooperation

Customer Worldwide Sincerely Cooperation	31-32
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Company Introduction



www.poe-pcba.com

1. ABOUT POE

POE Company Introduction

At POE, we strive to make the global products of your brand, POE "Partner of your Electronics", your global technology partner.

POE has established itself as a world well known turnkey PCB assembly factory for quick turn prototype and mass production PCB fabrication and PCB assembly services with 700,000 components sourcing ability from 100+suppliers. POE is ISO9001:2015, ISO13485:2016, ISO14001:2015, UL, ROHS, Reach and IPC-A-600&IPC-A-610 compliant. Our PCB production capacity can reach 40000sq.m/month and EMS assembling capacity at 150,000,000 components per month.

With imported state-of-the-art fully automatic production machines and our professional international sales team, purchasing team, production team, administration team and engineering team in China Shenzhen, HK, Singapore and USA, we are able to offer our customers low-cost, one-stop PCB assembly services, including PCB fabrication, parts procurement, PCB assembly, program, cable assembly, final PCBA testing, final case assembly, coating, worldwide shipping.

Currently, POE 4000+ customers from 100+ countries and regions are primarily in USA, Canada, Europe, South American, Australia, Asia and China in a wide variety of industries like appliance, medical, telecommunications, industrial automation, cloud computing, smart home, solar PV, battery energy storage, IoT, automotive, aerospace and LED products.



2. CORE ADVANTAGES

Why choose POE?

Clients face a cascade of production bottlenecks: tedious cross-factory coordination, mass production delays caused by component stockouts, rework triggered by substandard finished product testing, and conflicting compliance certification requirements across multiple regions... These numerous manufacturing hurdles drastically slow down new product launch timelines.

POE's one-stop PCBA manufacturing service integrates the full industrial chain. Leveraging proprietary processes, intelligent production lines, and round-the-clock technical support, we resolve all challenges spanning the entire product lifecycle under a single roof.

Below is a breakdown of our core strengths enabling consistent, reliable deliveries:



www.poe-pcba.com

2.1. One-Stop PCBA Turnkey Service

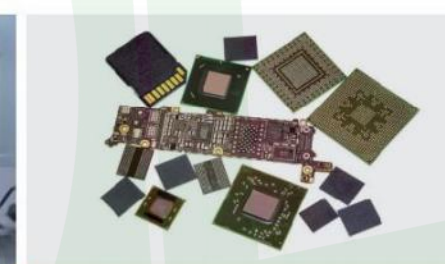
As your long-term electronics strategic partner POE (your Global Technology Partner), we deliver full-lifecycle one-stop PCBA manufacturing to resolve your fragmented supply chain headaches.

Our Integrated End-to-End Service Coverage

We handle every link independently without outsourcing handoffs: PCB design optimization, BOM kitting & component sourcing, SMT placement, DIP through-hole assembly, full PCBA box build, IC firmware programming, conformal coating, comprehensive finished product testing, and global door-to-door logistics.



PCB design optimization



Component sourcing



SMT placement



DIP through-hole assembly



IC programming



Functional testing



Conformal coating



Full PCBA box build

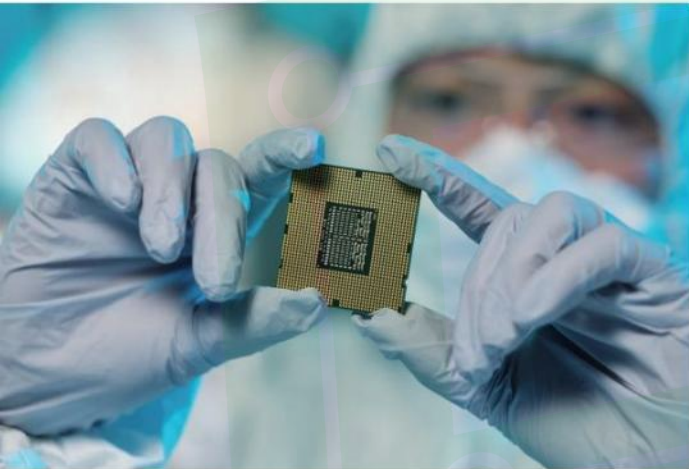


Global logistics

- **Coordinate dozens of separate vendors, heavy communication & time loss**

- **POE Strength:** Single accountable partner managing all production stages.

Cut cross-supplier communication overhead drastically, eliminate repeated file handover & dispute tracing, save massive internal management manpower.



- **Component stock shortage, scattered small-batch procurement with high unit cost**

- **POE Strength:** Sourcing capacity covering 700,000 electronic components, centralized bulk purchasing.

Access stable component supply at competitive wholesale prices, slash overall procurement expenditure and avoid production halt risks.



- **Limited PCB manufacturing capability unable to match complex multilayer product demands**

- **POE Strength:** Independent production of 1-40 layer PCBs, DFM design optimization at early stage.

Fix design flaws before mass production, lower rework & scrap rates, reduce hidden quality costs.

- **Burdened with trivial manufacturing affairs, no energy for core brand growth**

- **POE Strength:** Full-process one-stop execution covering fabrication, assembly, testing and logistics.

Free your team from tedious production management, fully focus on core R&D iteration and global market expansion.



PCB Assembly



Testing



PCB Fabrication



Logistics

- **Disconnected production links lead to long R&D & mass production cycles, slow market launch**

- **POE Strength:** Fully closed-loop in-house manufacturing from design to global delivery.

Compress product R&D and mass production lead time significantly, seize market opportunities ahead of competitors.



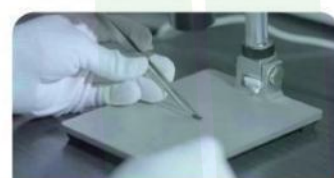
2.2.Stringent Quality Control

Unstable product quality and non-compliance issues constitute major hidden risks for brands. POE delivers rigorous full-lifecycle quality assurance. As your trusted PCBA manufacturing partner, we have built a closed-loop full-process quality control system. It covers incoming raw material inspection, real-time production monitoring, and multi-dimensional finished product testing, with full traceability across all procedures to guarantee every batch of products complies with relevant standards.

- **Unstable batch quality, frequent defective products and high rework losses**

- **POE Strength:** Full-process real-time monitoring + multi-layer finished product testing with full batch traceability.

We deploy comprehensive full-process testing covering 3D SPI, FAI, AOI, X-Ray, FCT and manual visual inspection. This complete quality control system sharply lowers line-wide product failure and defect ratios. It also slashes extra overheads, including rework labor fees, scrap losses from flawed finished products, and long-term after-sales expenditures on repairs, replacements and customer service.



IQC



3D SPI



AOI



FAI



ICT



X-Ray



Function Test



OQC

- **Products fail international compliance standards, facing sales and market access barriers**

- **POE Strength:** Full set of globally recognized industry certifications: ISO 9001:2015, ISO 13485:2016, RoHS, UL 94 V0, IPC-A-600, standardized compliance production specifications.

All finished goods conform to prevailing international compliance standards, which prevents customs seizure during cross-border logistics and eliminates hidden risks to product circulation and sales in global markets.



- **Lack of professional technical support to stabilize long-term product yield**

POE has over 200 professional production staff, alongside specialized engineering and quality improvement teams consisting of more than 20 engineers. Our facility is equipped with four fully automatic production lines and numerous advanced testing devices covering the entire manufacturing workflow.



www.poe-pcba.com

2.3.Flexible PCBA Manufacturing Capability

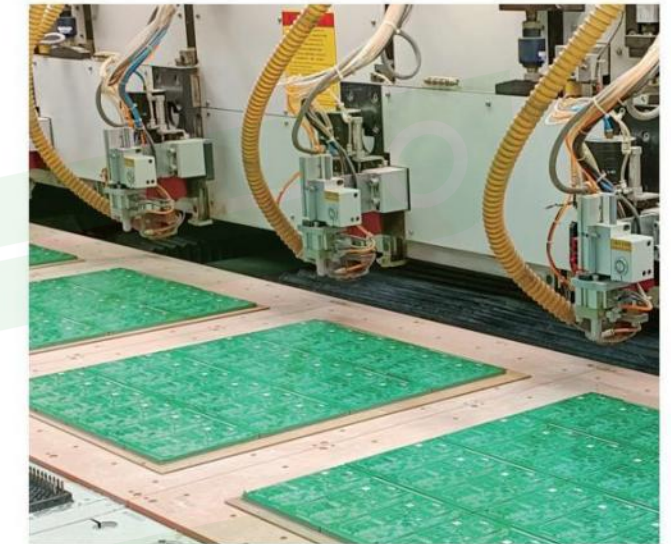
Many electronics manufacturers either decline small-batch prototype orders or struggle with unstable lead times and inconsistent quality during mass production, severely restricting your product iteration and market layout. At POE, we break the production batch limitation with flexible, scalable, and reliable PCBA manufacturing solutions.

POE is equipped with multiple automated SMT production lines and other advanced equipment. We support small-batch prototyping, medium-batch trial production and mass production to flexibly meet diverse customer demands. Efficient delivery is guaranteed for all orders, ranging from single-piece prototype runs to large-volume mass production orders.

Full-Scale Flexible Production Capability

- Strong Production Output: Monthly PCB production capacity reaches 40,000 square meters, and EMS assembling capacity at 150,000,000 components per month, fully meeting large-scale centralized production demands.

- Diverse Material Compatibility: We support processing of multiple board materials including FR4, aluminum substrate, flexible PCB, and high frequency PCBs.



- Precision Component Mounting: Capable of mounting ultra-fine 01005 components and special-shaped components, adapting to diverse product design and manufacturing requirements.



● **Small-batch sampling is rejected with high prototype costs, hindering R&D verification**

- **POE Strength:** No minimum order quantity, supporting 1-piece trial production and small-batch customized sampling.

Startups and R&D teams can complete product verification and technical iteration at low cost, effectively reducing early-stage R&D investment risks and shortening product validation cycles.



● **Mass production suffers from unstable lead times, insufficient capacity and fluctuating quality**

- **POE Strength:** Mature automated production lines + stable large-scale monthly capacity, realizing standardized and efficient mass delivery.

Mature enterprises obtain continuous, stable and high-volume PCBA supply, avoiding market delivery delays caused by capacity shortages, and ensuring consistent product quality for bulk orders.



3000m² highly automated, dust-free factory

Components Warehouse (1000m²)

● **Single process capability fails to match diverse product iteration demands**

- **POE Strength:** Multi-material board processing and full-range component mounting capability, covering diversified production scenarios.

Freely adapt to product upgrading and market demand changes, flexibly switch between prototype verification, trial production and mass production modes, and quickly respond to industry market iteration trends.



Whether you require low-volume R&D sampling or high-volume standardized mass production, POE provides tailored, cost-effective and time-saving PCBA manufacturing services. Log on to www.poe-pcba.com to check detailed capacity data, production process standards and industry application cases, and get your exclusive flexible production solution now.

www.poe-pcba.com

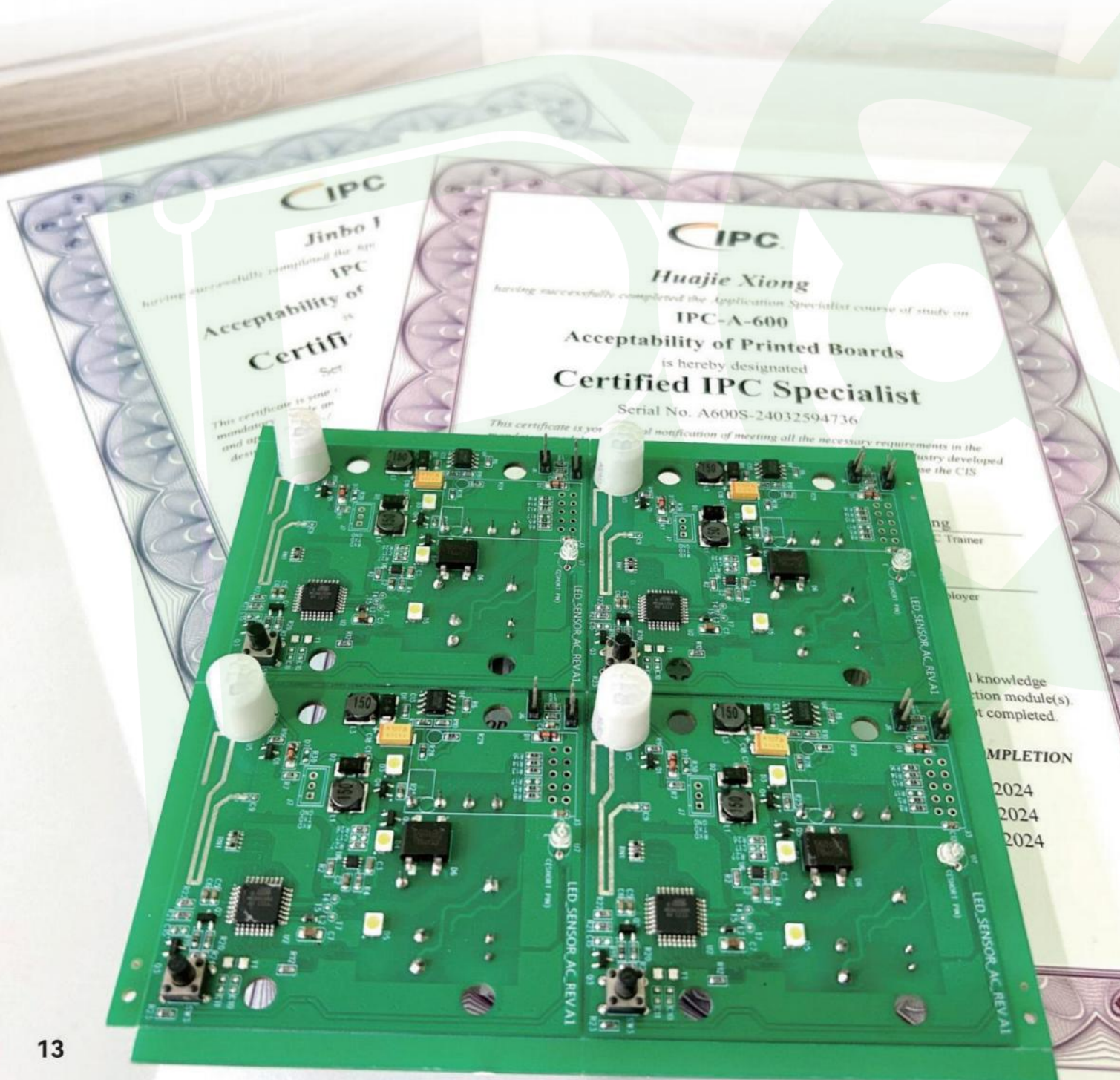


3. OUR PRODUCTS

POE Manufacturing

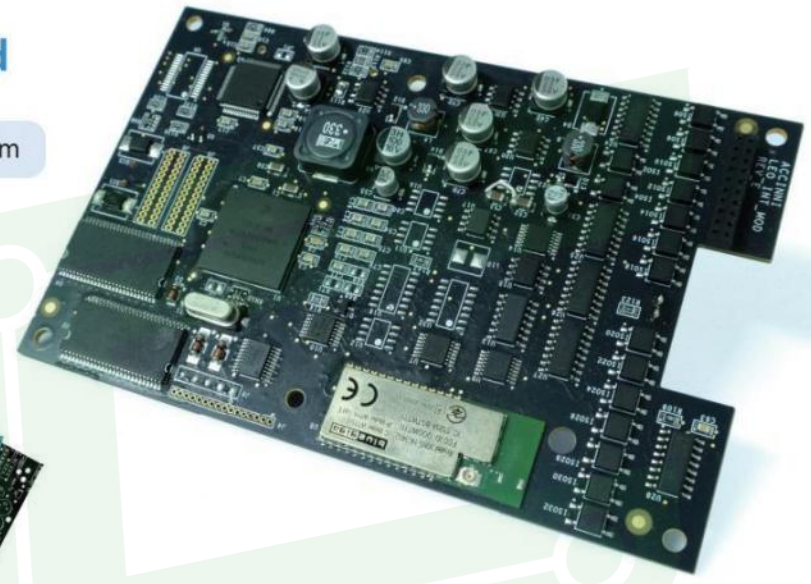
Leveraging mature PCB manufacturing processes and precision PCBA processing capabilities, POE is committed to providing global customers with one-stop PCBA solutions.

From PCB design, component selection, SMT assembly to final assembly and testing, POE delivers reliable electronic hardware solutions through advanced production equipment, standardized workflows and a comprehensive quality system. Below is a showcase of some of POE's PCBA products and applications.



01 6 Layer PCBA board

- Material: FR4 Board thickness: 1.6mm
- Copper thickness: 1oz
- Finish treatment: HASL LF



The colors of PCB boards are customizable.



Red



Green



Blue



Purple

02 4 Layer PCBA board

- Material: FR4 TG170 Board thickness: 1.6mm
- Copper thickness: 2oz Finish treatment: ENIG



Precision Component Mounting(01005)



Smooth & Plump Solder Joints

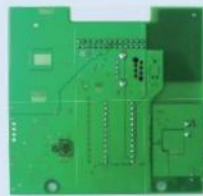


03 4 Layer PCBA board

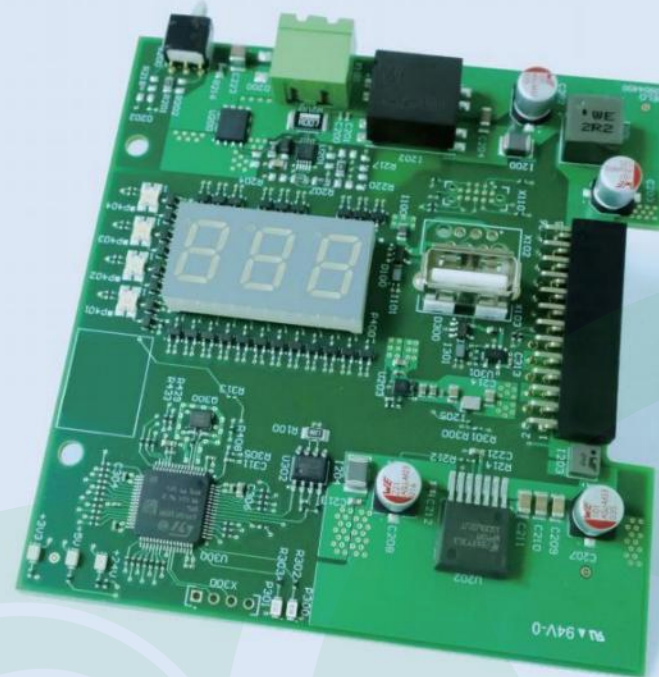
Material: FR4 Board thickness: 1.6mm

Copper thickness: 1oz

Finish treatment: HASL LF



Back View



POE One-stop PCBA solutions



Design DFM



PCB Prototype



Component Procurement



PCB Assembly



ESD Packaging

04 14 Layer PCBA board

Material: FR4 TG170

Board thickness: 1.6mm

Finish treatment: ENIG

Copper thickness: 1oz



POE Medical-Grade PCBA Services



05 6 Layer PCBA board

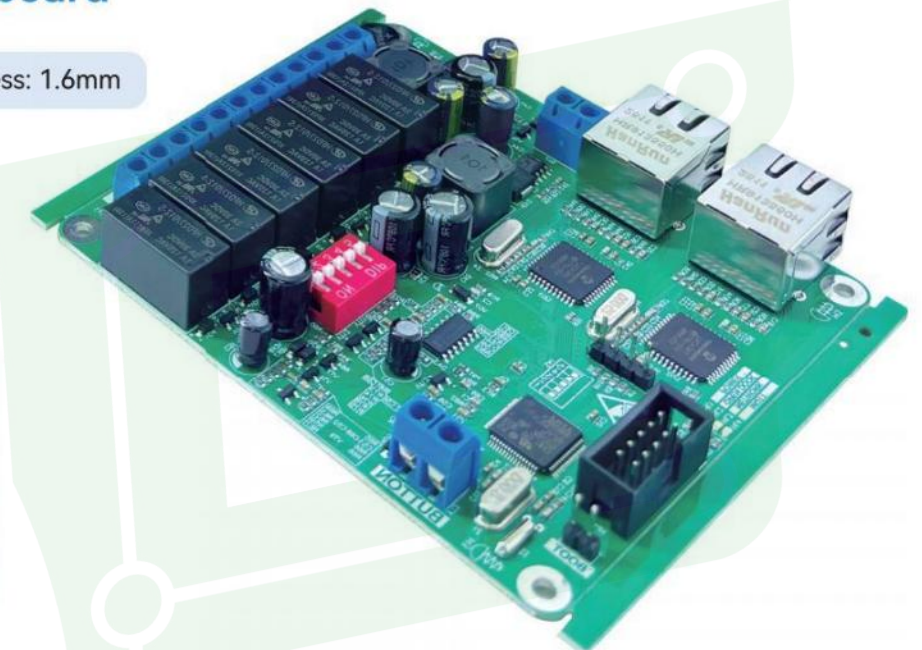
Material: FR4 Board thickness: 1.6mm

Copper thickness: 1oz

Finish treatment: HASL LF



Front View



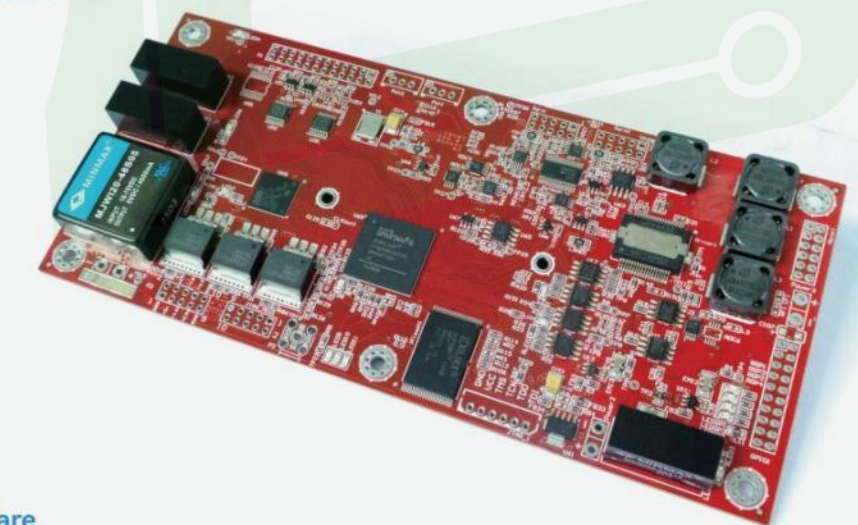
06 6 Layer PCBA board

Material: FR4

Board thickness: 1.6mm

Copper thickness: 2oz

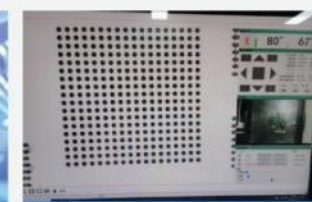
Finish treatment: HASL LF



Reliable PCBA Quality POE Crafts Every Board with Care



Precision SMT Mounting



Void-Free BGA Soldering



X-ray Inspection



Conformal Coating

Communication Electronics

Medical Electronics

One stop turnkey PCBA Service

Custom PCBA: Tailored Solutions for Your Projects!

Industrial Automation

Smart Home

More Industries

4. COOPERATION CASES

Featured Project Showcase

End products across various industries hold vastly different core requirements for PCBA in terms of process standards, performance parameters, applicable scenarios and cost control. No one-size-fits-all solution can meet the R&D and mass production demands of all products — this is the core value of custom PCBA services.

Covering consumer electronics, industrial control, automotive electronics, smart home appliances and medical devices, POE specializes in customized PCBA R&D and mass production for multiple sectors, addressing customers' key challenges including product iteration, process upgrading, volume manufacturing and adaptation to special operating conditions. Drawing on mature technical expertise, flexible solution tuning capabilities and full-cycle implementation services, we deliver tailored PCBA solutions for clients from all industries and of all sizes, balancing product stability, practicality, cost efficiency and innovation.

The authentic client cases below, paired with specific application scenarios, intuitively demonstrate our full-spectrum custom service capabilities spanning demand communication, solution design, process optimization and mass delivery. Every implemented solution is refined exclusively according to clients' product positioning, operating environments, production capacity requirements and budget benchmarks, showcasing the full potential of bespoke, perfectly matched PCBA services.

Communication Electronics 01

As the core carrier of communication equipment, communication PCBA imposes extremely stringent technical requirements on signal integrity, high-frequency performance, electromagnetic compatibility (EMC) and environmental reliability.

We take (a global leading manufacturer of remote vehicle emission monitoring equipment) as an example to demonstrate the industry-specific customization and adaptation capabilities of our POE-PCBA solutions:

Project Background The core product of ***** , the ***** series, is a road-side remote vehicle emission monitoring system deployed in 38 countries world-wide. Operating in harsh outdoor environments, the equipment must support high-speed data acquisition, stable POE power supply, multi-module coordinated control, while maintaining low power consumption and long-term reliability. Leveraging AI and IOT, it converts massive emission data into actionable insights, enhancing the system’s capabilities to support precise monitoring and scientific decision-making for better air quality management.



4 Layer PCBA board

Material: FR4 TG170 / Board thickness: 1.6mm
Copper thickness: 2oz / Finish treatment: ENIG
Green Soldermask, White Silkscreen, Impedance control
Application: Remote vehicle emission monitoring equipment

To meet the stringent requirements of this application, we provide a dedicated POE-PCBA control board with the following core capabilities:

1.POE Power Supply & Wide Voltage Compatibility:
Equipped with an onboard 48V POE module and compatible with 48V DC input, it delivers reliable power for field-deployed devices and fully meets the power demands of roadside cabinet-style equipment without external power sources.

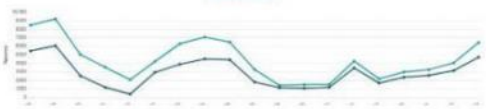


2.Miniaturization & high-density SMT technology:
the board integrates power conversion, relay drive, MCU control and other functional modules within limited PCB space. It accommodates compact installation requirements while ensuring consistent quality and high yield in mass production.



3.High-precision PCB with 2oz Copper/High Tg /Impedance Control:

- **2oz Copper Thickness:** Meets high current carrying capacity and outdoor heat dissipation requirements.
- **High TG:** Ensures high-speed signal integrity and prevents misinterpretation of emissions data.
- **Impedance Control:** Addresses outdoor wide-temperature operation and lead-free soldering reliability.



Accurate Data Showcase

Medical Electronics 02

POE's biggest advantage in the field of medical PCBA is that it only manufactures products that fully comply with the latest standards of medical PCBA.

POE provides fully integrated Class I, II and III medical device manufacturing capabilities. From production, assembly, packaging and logistics, POE brings OEM medical technology to life.

POE Medical-Grade PCBA Services

- **ISO9001:2015:** International certification standard for quality management systems (QMS).
- **ISO13485:2016:** Quality management system standard for medical device manufacturers.
- **IPC-A-610:** Standard for the acceptability of electronic components.
- **UL 94:** Flammability standard for materials used in electronic products.
- **IPC III:** Regulations for PCBA quality and reliability.
- Clean, static-free working environment.

High-Reliability PCBA Solutions for Medical Fields

ISO 9001:2015 ISO 14001:2015 ISO 13485:2016 UL R6HS Reach IPC SGS

ISO 13485:2016 IPC

Water-soluble solder paste often leaves residual ionic contaminants post-cleaning, causing severe electromigration failures.

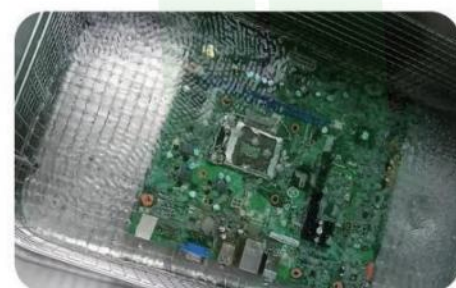
POE solves this industry pain point with our competitive edge: premium material matching paired with rigorous two-stage cleaning to secure medical-grade reliability.

We provide high-grade lead-free water-soluble solder pastes with optimized supply, cost and medical reliability, complying with top-tier cleanliness standards.

Our dual-stage cleaning (ultrasonic baking + post-soldering dry ice cleaning) fully erases ionic residues to achieve medical device surgical cleanliness.

Comprehensive Testing & Medical Compliance

- 100% full coverage of SPI, FAI, AOI, X-Ray and Functional Testing (FCT) procedures.



Ultrasonic Cleaning for PCBA



PCBA Drying & Baking



Dry Ice Cleaning

As an ISO 13485:2016 certified medical manufacturing facility, we adhere to the highest regulatory standards. Every project is backed by a Full Traceability Test Document, ensuring every component, process, and test result is entirely trackable throughout the entire product lifecycle.

005930测试数据
PCBA005930-Bottom-260403-1236
PCBA005930-Top-260407-0922

Technical Data Documents

Industrial Automation 03

PCBA dedicated to industrial automation must deliver outstanding stability and strong anti-electromagnetic interference performance.

Adapted to complex electromagnetic environments on production floors, they support non-stop all-day operation of industrial equipment. By minimizing unexpected downtime at the hardware level, such boards greatly reduce overall equipment failure rates and guarantee stable production on manufacturing lines.

Customer Cases of Industrial Automation PCBA

Customer Background: A medium-sized industrial automation manufacturer in Germany, producing PLCs for automotive assembly lines.



The Challenge: The customer's PLCs were deployed in harsh factory environments—extreme temperatures, humidity, heavy electromagnetic interference (EMI) from nearby machinery, and continuous 24/7 operation. Their existing PCBA assembly partner delivered boards that passed basic checks but failed in real-world conditions.

Within a few months of deployment, failure rates became unacceptable: signal drift, communication errors, and unexpected controller shutdowns. Each failure caused hours of production downtime. The customer had already finalized their PCB layout. They did not need a redesign. They needed an SMT partner who could assemble that board with the precision and process control required for industrial environments.

Why POE?

We focus entirely on high-quality SMT assembly. For this customer, we applied three targeted measures:

1. Process-controlled assembly for EMI resistance

We tightened our SMT process parameters to minimize risks that worsen interference—such as inconsistent solder joints or component misalignment. Every board was assembled with industrial-grade solder paste and strict reflow control.

2. Enhanced protection against dust and moisture

We applied conformal coating to all critical areas after assembly. This thin protective layer prevents shorts and corrosion caused by humidity or conductive dust—common in factory settings.

3. Vibration-resistant soldering

Using optimized stencil design and solder volume control, we ensured that connectors and large components withstand constant machine vibration without developing cracks.



After switching to POE for PCBA assembly:

1. Field failure rate dropped by nearly half within six months.
2. No further EMI-related communication errors reported over thousands of operating hours.
3. The customer extended their PLC maintenance interval from months to over a year.

Front & Reverse Side Display of PCBA



Front

Back

Smart Home 04

Smart home PCBA delivers four core strengths: multi-protocol wireless compatibility, miniaturized integration, adaptability to harsh household operating environments, and cost-effective mass production.

Embedded with Bluetooth, Wi-Fi and other multi-mode communication modules, these boards support cross-platform ecosystem inter-connection. End devices are typically mounted in tight confined spaces like slim metal back boxes and wall cavities, resulting in heavy RF signal loss and demanding strict PCB design for antenna routing, grounding shielding and impedance matching.

Kitchens, bathrooms and other high-humidity, temperature-varying scenarios risk circuit leakage and accidental touch activation. Conformal coating, waterproof insulation and robust touch sampling circuits are adopted to secure stable long-term performance.

Moreover, overseas brands often place bulk orders of 100,000 units or more. We maintain tight cost control through compact board layouts and simplified BOM architectures, alongside full RoHS compliance and lasting end-device reliability.

Below is a smart home PCBA project for POE's European smart home client, illustrating how POE's one-stop PCBA manufacturing resolves customer challenges.

Customer Cases of Smart Home PCBA

The customer, a European smart home brand, wanted a programmable Smart Button that could work with multiple ecosystems (Alexa, Google Home, HomeKit). Their key challenges were:

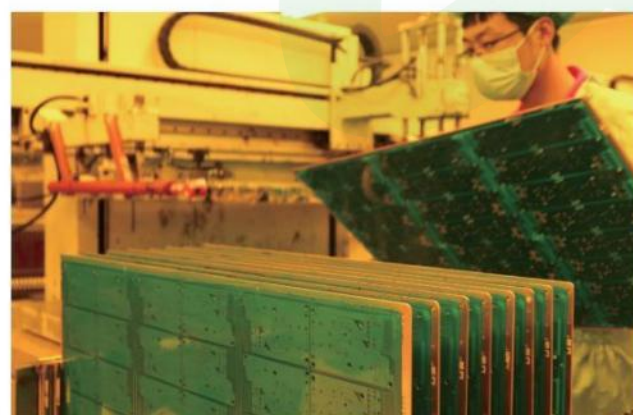
Stable wireless signal when the button is installed inside metal junction boxes or behind thick walls
Consistent button press detection without false triggers in high-humidity environments (e.g., bathrooms, kitchens).

Cost-effective production without compromising reliability, as they planned an initial order of 200,000 units.

POE Solutions That Enabled Smooth Order Delivery

1. Enhanced RF Design with Antenna Matching

We optimized the PCB stack-up and implemented precise impedance control ($50\Omega \pm 5\%$) on the RF trace, combined with a tuned ceramic antenna. This ensures reliable BLE/Zigbee connectivity even when the device is placed inside metal junction boxes or behind concrete walls, solving the customer's biggest deployment concern.



2. Humidity-Resistant Key Detection Circuit

We designed a water-resistant capacitive touch sensing circuit with adaptive threshold algorithm, which eliminates false triggers caused by moisture or condensation. This allows the Smart Button to work reliably in bathrooms, kitchens, or outdoor covered areas without any performance degradation.



3. Low-Cost Modular Design for Scalable Production

By using a modular component selection strategy (standard MCU + common passive parts) and optimizing the SMT panelization, we reduced the total BOM and assembly cost by 18% while maintaining full functional reliability. This enabled the customer to meet their 200,000-unit budget target and proceed directly to mass production without cost overruns.



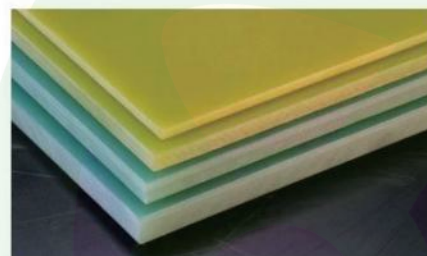
5. FACTORS AFFECTING COSTS

The Hidden Factors Behind Our Pricing

5.1. PCB: Behind the Price – Materials, Processes, and Quality Control

Not all PCBs are created equal, even if they look the same. Our commitment to quality starts from the very beginning, with choices that ensure reliability, performance, and long-term value.

1. Premium Base Materials: We exclusively use high-grade, industry-trusted laminates, including Shengyi and Kingboard (KB) Grade A military-grade materials. These substrates offer superior thermal stability, consistent dielectric performance, and enhanced reliability, especially critical for high-density and high-power applications.



2. Precision Manufacturing Processes:

Our electroless copper plating process ensures uniform coverage and excellent adhesion, preventing open circuits and ensuring consistent electrical connectivity even on complex, multi-layer boards.

We utilize advanced equipment such as Dongtai drilling machines for high-precision hole formation, Xinuo LED direct imaging exposure machines for fine-line accuracy, and Hanyin inkjet legend printers for clear, durable markings.



3. Rigorous Quality Assurance: Every PCB undergoes triple optical AOI inspection to catch defects at every stage of production. This multi-layered QC process eliminates errors before they reach assembly, drastically reducing the risk of costly rework or field failures.



5.2. Assembly: Why Our Pricing Reflects True Value

We understand that price is a concern, but we believe the true cost of a product is measured by its reliability. Our assembly process is built on quality control, traceability, and process discipline to deliver products you can trust.

High-Quality Solder Paste: We use only premium-grade solder pastes with consistent composition and excellent wetting properties, ensuring strong, reliable solder joints that meet IPC-A-610 standards.

Lead-free solder ▶



Controlled Production Flow: Our standardized, ISO-aligned assembly workflow minimizes variation. From stencil printing to reflow profiling, every step is optimized to reduce defects like tombstoning, cold joints, or insufficient solder.



Stringent QC and Testing: Our quality control is not just a final check – it's built into every phase. With in-line inspections, functional testing, and traceability systems, we catch issues early and ensure every unit meets specifications.



Certified Quality Systems: We maintain robust management systems and certifications (ISO 9001:2015, ISO13485:2016, IPC, etc.) that underpin our commitment to consistent quality, process stability, and continuous improvement. This level of operational discipline ensures your orders are produced reliably, every time.

6. GLOBAL SOURCING

Current Global Supply Chain Situation

This year, the global electronics industry faces unprecedented supply chain volatility. Raw material prices—including PCB laminates, copper, and gold—continue to rise sharply, while component shortages and price increase notifications from major suppliers (such as ADI, tantalum capacitor manufacturers, and memory chip producers) have become frequent challenges across the industry.

At POE, we fully understand the pressure these rising costs place on your business.

We are committed to standing with our customers through these difficulties: we are working tirelessly to absorb as much of the cost increases as possible, preserving stable processing fees and component pricing for you, even if it means narrowing our own profit margins. Our goal is to help you maintain competitive pricing in your markets, so we can grow together through these uncertain times.

Global Sourcing:
700k parts from
100+ suppliers

We have partnered with reliable component suppliers worldwide for over 15years .

- 100% original, new-stock BOM parts
- Connectors & switches localization support
- Cost-down Chinese- alternative solutions
- Cable-assembly service available
- PCBA/ EMS / OEM built exactly to your approval

Cooperative Partner



7. WIN-WIN COOPERATION

Customer Worldwide Sincerely Cooperation

Cooperate with POE Forge Global PCBA Industrial Ecosystem

We eliminate cumbersome liaison procedures and streamline cooperation via standardized processes. Dedicated specialists provide full-cycle support covering demand submission, delivery and after-sales service, ensuring high efficiency, full transparency and complete controllability.

1. Submit Your Request, Launch Cooperation with One Click

Clients may independently submit cooperation requests through multiple official channels with great flexibility and unrestricted access. You can specify personalized requirements including PCB specifications, production batch quantity, delivery lead time and special processes. No complicated documents are required; a brief description will suffice.

Official contact channels:
POE Official Website : www.poe-pcba.com
Official Hotline : +86-755-2531-2250
Official Email : all@poe-pcba.com

www.poe-pcba.com

2. Rapid Response, Free Customized Solutions & Quotations

POE's technical & sales team responds within 24 hours. We offer free DFM reviews to spot production risks and optimize manufacturing plans, alongside custom quotations fully tailored to your needs. All quotes are transparent with zero hidden charges, letting you easily manage costs and master every process detail.



3. Sample Confirmation to Finalize Cooperation Standards

After clients confirm optimized solutions and quotations, we arrange fast sample production. Upon your approval of sample quality, workmanship and parameters, we sign a formal cooperation contract. It clearly defines lead times, quality standards and after-sales clauses to lock in cooperation standards and protect both parties' legitimate interests.



4. Strict Quality Control & Standardized Mass Production

After contract signing, we carry out standardized full-scale mass production with multi-stage quality monitoring. We strictly control every procedure from raw material screening and processing to finished product testing. All manufacturing follows set process standards and agreed lead times to avoid defects and ensure finished products meet your specifications.



5. Global Delivery, Full-Cycle After-Sales Support

After production and finished product inspection, we provide global logistics with customized efficient solutions for on-time, safe delivery. Our full after-sales team swiftly offers professional technical support for product operation, process questions and unexpected issues, fully safeguarding your cooperation and user experience.



To minimize clients' concerns and upfront costs, POE offers zero-threshold pre-services: free consultation, complimentary DFM reviews and custom quotations.

Regardless of order volume, you may submit requests via official channels anytime. With professional technology, transparent services and streamlined workflows, we deliver cost-effective PCB manufacturing support for all clients.

If you have demands for PCB manufacturing, process optimization or quotation inquiries, feel free to submit requests via our official website www.poe-pcba.com, or contact us by phone and email. Our team is on call 24 hours a day to serve you wholeheartedly!

Official contact channels:
POE Official Website : www.poe-pcba.com
Official Hotline : +86-755-2531-2250
Official Email : all@poe-pcba.com



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