



PRIMEIIC[®]

COMPANY PROFILE

High Precision Electronic Product Design Manufacturing

INTRODUCTION



PRIME TECHNOLOGY (GUANGZHOU) INC, guided by Mr. Leo Chien, Chairman of FICG, and current Chairman Mr. Andy Lo, offers a one-stop solution that includes **flexible material strategy, high standard manufacturing, reliability and testing capability, efficient logistics and quality after-sales service.** Committed to "Innovation knows no bounds; technology wins the future. Forge ahead in unity," we ensure outstanding product quality. Additionally, we have a specialized **R&D team** that provides **software and hardware development solutions**, precisely tailored to meet the custom needs of our clients.

广上科技

PRIMEIIIIC



HISTORY



VALUES

Efficient Cost Control

Competitive Pricing & One-stop Solution for Material, Manufacturing, Reliability and Testing, Logistics and After-sales Service

Production Flexibility

4-Week Rapid Trial Manufacturing

Engineer Design Capability

Advanced Equipment and Expert Engineering Design Team

On-Time Delivery

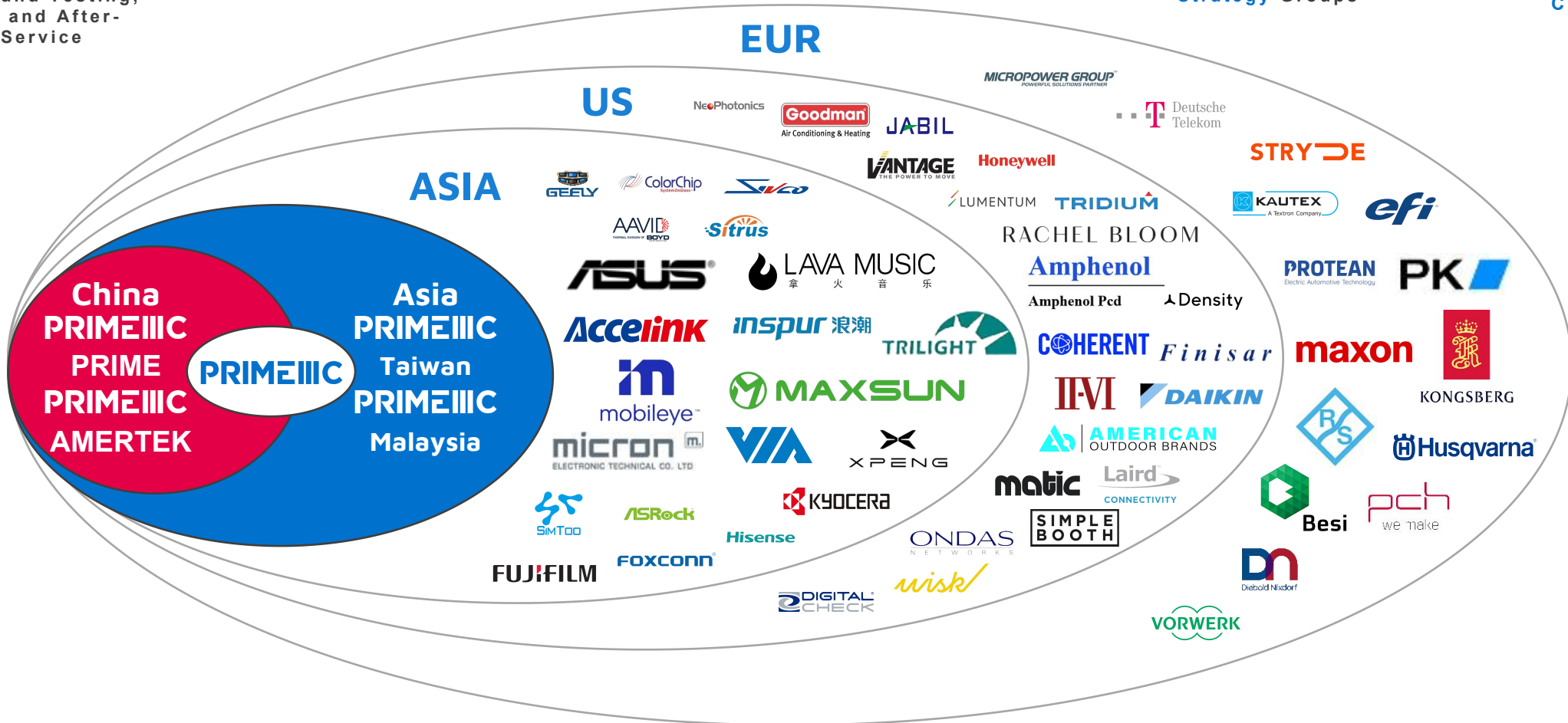
On-Time Delivery of High-Quality Products

Project Management

Independent Services for Industrial Device, Optical Communication, IPC, and Automotive Strategy Groups

Global Influence

Collaborative Operations in the US, Europe, Asia, and China



GLOBAL FOOTPRINTS & LOGISTICS



PRIME has multiple manufacturing sites in Taiwan, Guangzhou, Shenzhen and Malaysia, enabling global shipping by sea and air to over 200 countries for enhanced supply chain support.

- HQ
- SERVICES
- FACTORIES
- RMA



MANUFACTURING SITES

PRIME

Guangzhou

SMT Lines: 15
SMT Capacity: 1186 KK/M
Assembly Lines: 8
Assembly Capacity: 240K/M
DIP Lines: 11
DIP Capacity: 1080K/M
Employees: 1,400

AMERTEK

Shenzhen

SMT Lines: 30
SMT Capacity: 1082K/M
Assembly Lines: 3
Assembly Capacity: 56K/M
DIP Lines: 14
DIP Capacity: 1172K/M
Employees: 3,000

PRIME BASE INC

Taiwan

SMT Lines: 3
SMT Capacity: 10 KK/M
Assembly Lines: 5
Assembly Capacity: 50K/M
DIP Lines: 3
DIP Capacity: 200K/M
Employees: 300

PRO3C MALAYSIA

Malaysia

SMT Lines: 3
(Flip Chip Lines: 2)
SMT Capacity: 330K/M
Employees: 200

- Industry Focus: Automotive, Communication, Industrial, Avionic, Maritime, Consumer and Medical Electronics.

- Key Products: ADAS, ECU, Optical Transceiver, Test Measurement, Bridge Systems, Tower Transceiver, Computing MB, etc.

- Industry Focus: Communication and Consumer Electronics.

- Key Products: AI (Servers & Computers), Motherboards, Liquid Cooling Fans, Graphics Cards, Operators and IoT Products, etc.

- Industry Focus: Automotive, Industrial, Communication, Consumer and Medical Electronics.

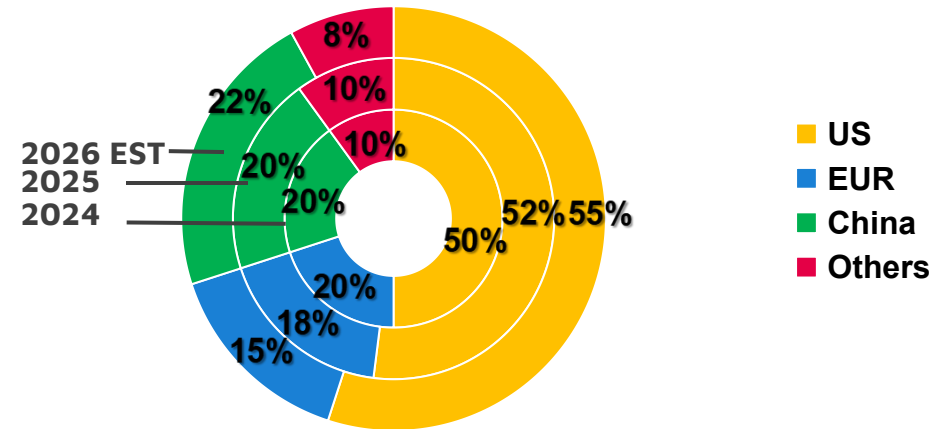
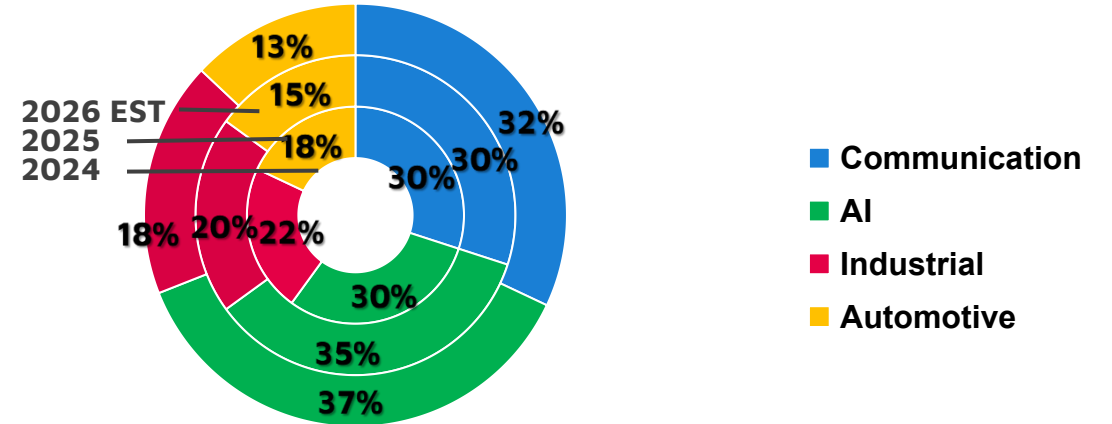
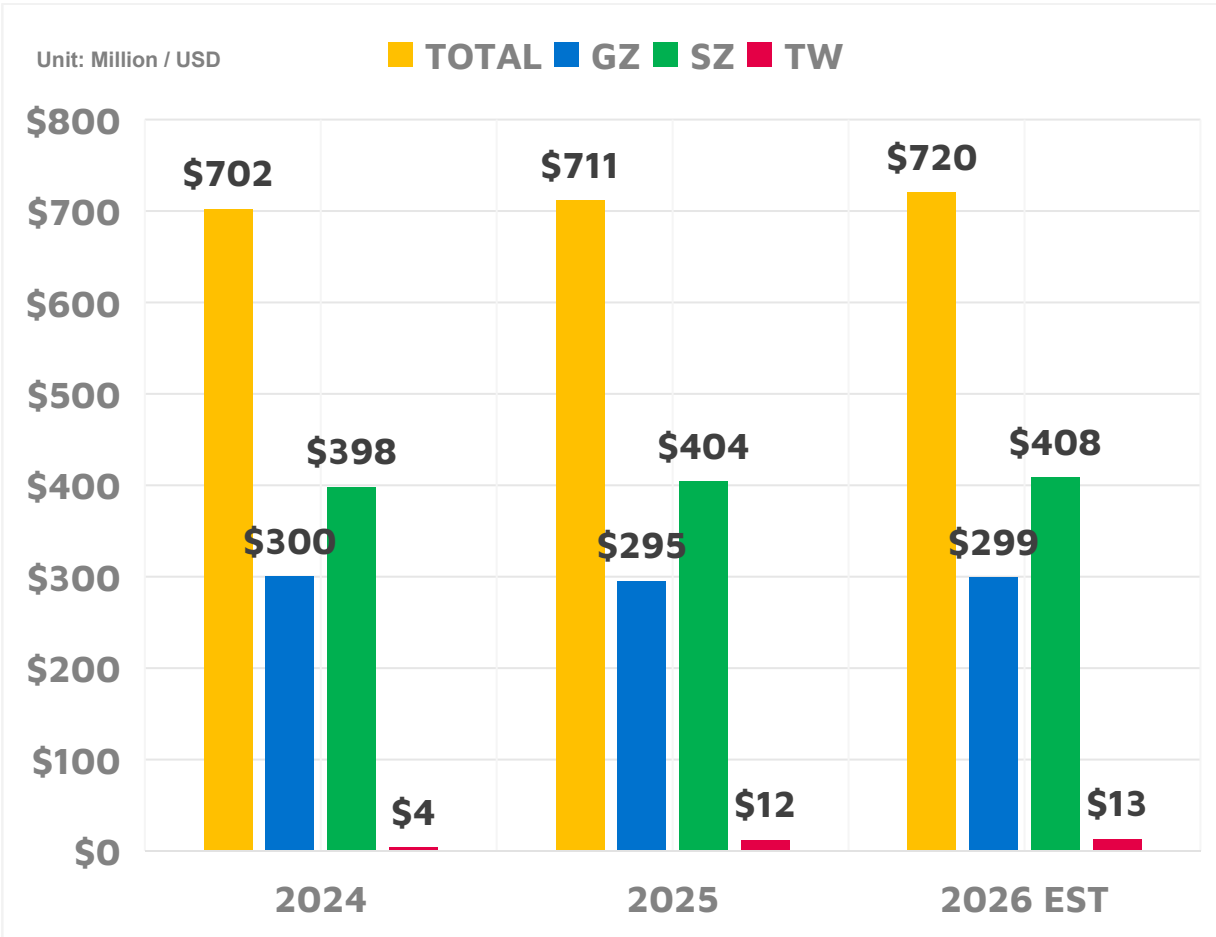
- Key Products: Intelligent Building, ATMs, Security Systems, and Industrial Products, etc.

- Industry Focus: Communication, Industrial and AI Electronics.

*For production capacity data: Guangzhou, Taiwan, and Malaysia facilities are calculated by component count; Shenzhen is calculated by pieces count.



REVENUE & MARKET



PRODUCTS

AUTOMOTIVE



- ECU
- ADAS
- Charger
- Digital Cluster
- Infotainment System
- BMS

INDUSTRIAL



- Smart Building Controller
- Test Measurement
- Wireless Sensor
- POS
- ATM
- Security Controller
- Precision Motor

COMMUNICATION



- Optical Transceiver
- EDFA (Erbium Doped Fiber Amplifier)
- Line Card
- Mega / Data Center
- Embedded System
- Network Processor
- Server
- RF Module

AVIONIC



- Tower Transceiver
- Space Micro-Motor
- LEO (Low-Earth Orbit) Satellite

MARITIME



- Bridge System
- Fish Finder
- Oceanographic Chart

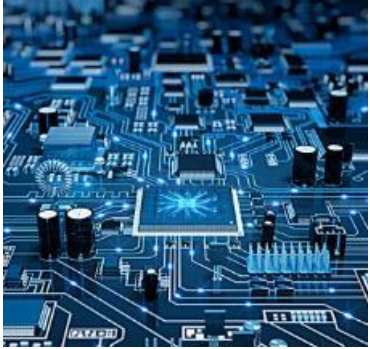
CONSUMER & MEDICAL



- Drone / UAV
- Gaming Computer / Mini MB
- Smart Wearable Device
- AI Cleaning Robot
- Guitar Pickup
- Facial Massager
- Cardiac Measurement
- Glucose Meter
- Fitness Belt



CAPABILITIES



COMPONENT

- Solder Paste Printing
- SMT BGA/uBGA/PoP
- SMT 01005, 008004
- BGA/CSP/CBGA
- CCGA/PBGA (down to 0.27mm pitch)
- Flip Chip with die size of 0.5~50mm
- COB, PoP, Multi-Chip (SMT+COB for 800G/1.6T with minimum 0.110mm pitch)
- Chip on FPC
- Component Traceability



MANUFACTURING

- PCB Assembly/Box-Build IPXX Assembly
- System Build/System Integration/Programming
- Die Bonding/Wire Bonding
- Selective Wave Soldering
- Conformal Coating (UV-Curable)
- Chip Underfill/Glob Top
- Ultrasonic Welding/Laser Marking
- FMEA System (PFMEA)



TESTING

- Circuit/Functional Test by JTAG
- Boundary Scan
- Flying Probe
- 2D/3D AOI, AXI
- 2D/3D X-ray
- ATE, DFT, RF, HASS, Burn in, ESD Check
- Hi-Pot Test



RESEARCH & DEVELOPMENT

- Software Development: Embedded Software Development
- MCU/SoC
- Hardware Development: Schematic/PCB Design
- Structural Design: Product Appearance and Internal Structure Design
- ODM/JDM Services



EQUIPMENT

Prime utilizes advanced PCBA production equipment, including high-speed placement machines handling 35,000 components per hour, $\pm 0.1^{\circ}\text{C}$ precision reflow soldering equipment, and 3D AOI optical inspection systems to ensure defect detection. Our flexible production lines meet diverse customer demands, ensuring high performance and reliable delivery.

Production (SMT+DIP+Assy)

- Solder Paste Printing Machine
- 2D/3D SPI
- High Speed Mounting Machine
- Reflow Oven
- 2D/3D AOI
- Underfill/Glob Top Machine
- Routing Machine
- Wave Soldering Machine
- Selective Wave Soldering Machine
- Coating Machine
- Ultrasonic Welding Machine
- Press Fit Machine

Testing

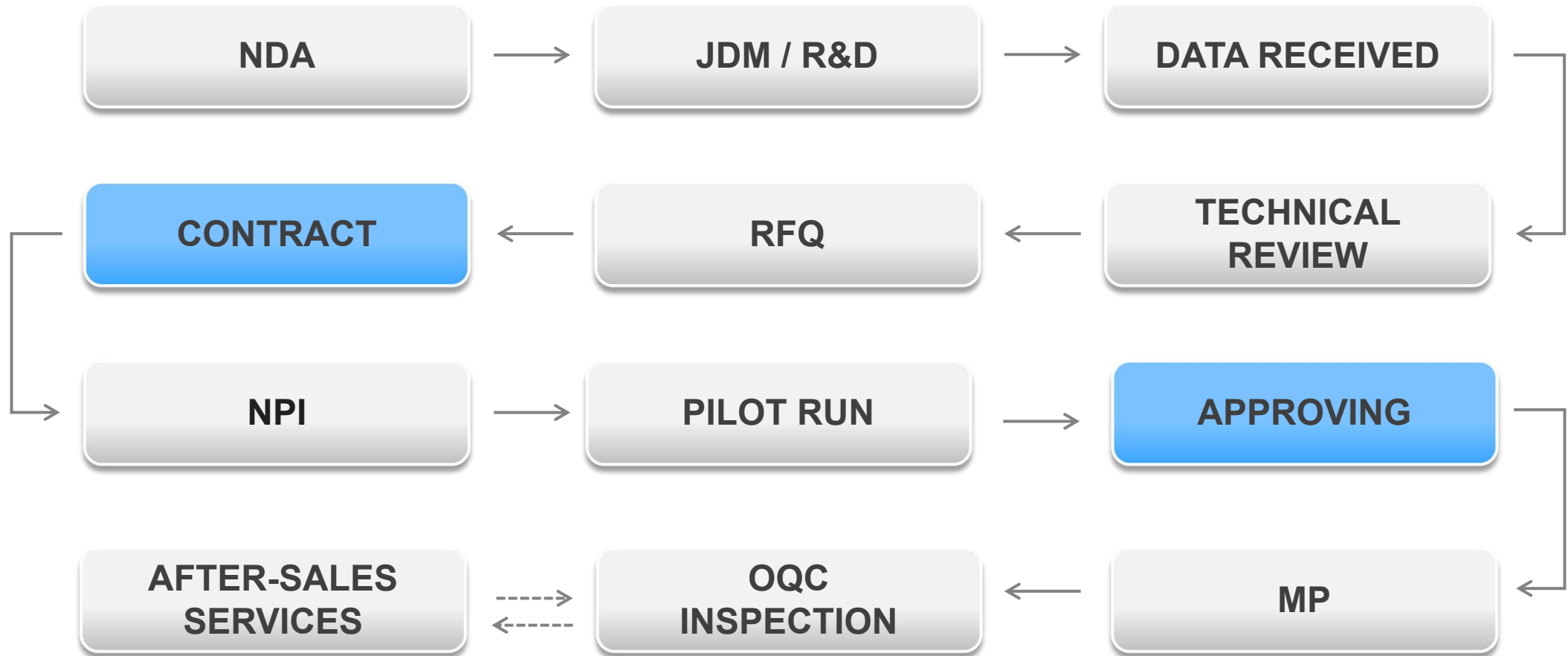
- PCB Appearance Check Machine
- OGP Image Measuring Instrument
- Solder Paste Thickness Tester
- ICT/X-ray
- FAI Tester
- Flying Probe
- Boundary Scan
- Customized ATE

Reliability

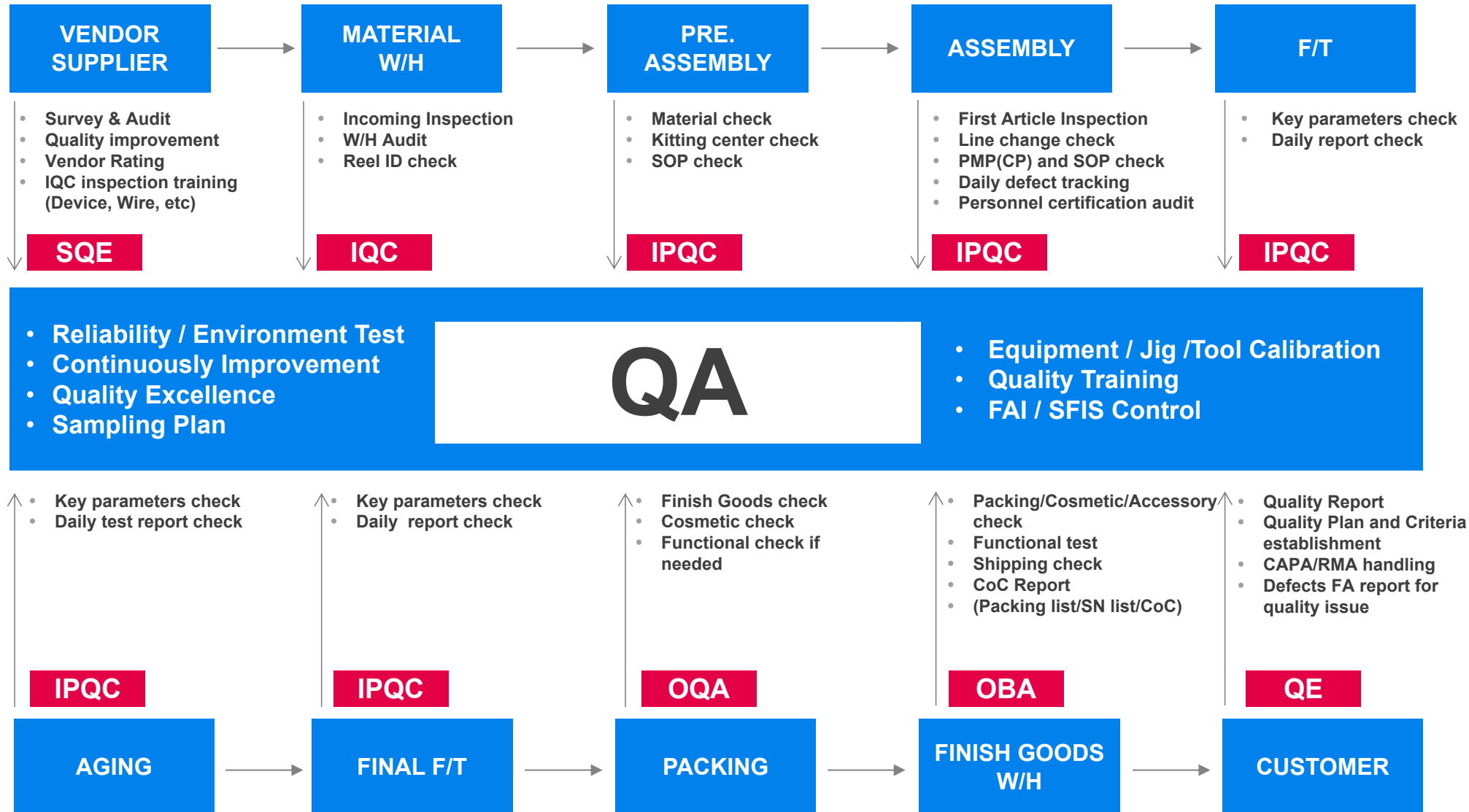
- Burning Room
- Salt Spray Tester
- Temperature & Humidity Chamber
- Vibration Tester
- Thermal Shock
- Drop Tester
- ESD Simulator
- Cross Section Inspection
- Dye and Pry



SERVICE FLOW



QUALITY ASSURANCE SYSTEM



AWARDS



High-Tech Enterprise



IPC Member



Service Excellence Award 1st Place Winner



NEPCON Electronic Manufacturing Excellence Award



Clean Production Enterprise of Guangzhou



Coherent GARNET Supplier Award



R&S Top Supplier



Kongsberg Maritime Appreciation for the Excellent Contribution Award



Accelink Excellent Quality Award



Finisar Special Recognition for Outstanding Effort

GLOBAL PARTNERS

AUTOMOTIVE



INDUSTRIAL MARITIME AVIATION



COMMUNICATION



MEDICAL CONSUMER



CSR

We firmly believe in responsibly serving all stakeholders, including shareholders, customers, suppliers, employees, the nation, environment and resources, communities, and society, ultimately fostering the company's long-term growth and profitability.



**Sustainability
Management**
PV Power



Social Welfare
Qinghai Earthquake Relief
Donation & Community
Charity Organization
Donation



Corporate Governance
VOCs Reducing



Green Manufacturing
Packaging Design and
Recycling



**Occupational Health and
Safety**
Safety Training



Talent Growth
Staff ESG Training



PRIMEIIC[®]

High Precision Electronic Product Design and Manufacturing Service Provider

