Work Out Your Dream

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01 Who we are?

Fastrain is a professional Electronic Manufacturing Services provider of high-quality, durable electronic products, headquartered in Shenzhen, China with additional regional and global operations across Thailand, Malaysia and Hong Kong.

Fastrain has 1000+ employees and a 20000+sqm national hi-tech industrial park. With 14 year’s experience in RF technology, Fastrain has accumulated extensive experience and has been providing best-in-class services, including Design, Manufacturing, Testing and Supply Chain solutions for industry leaders in Automotive Electronic, Optical Communications, Marine Communications, 5G & AI etc.,

Fastrain firmly believe that long-term customer satisfaction is the cornerstone of our success and has delivered on the commitment to provide customer satisfaction.

Vision & Mission

Vision: To be the best in providing most reliable products using best-in-class technology and most advanced manufacturing capabilities

Mission: With technology, we aim to bring benefits to global economy and people’s livelihood

Milestone

Shenzhen Fastrain Incorporated
Fastrain Technology (Hong Kong) established
Shenzhen Fastrain completed spin off from Hytera Group
Fastrain Malaysia Founded
Fastrain Malaysia SSA audited by II-VI IPO Done and Pass
Fastrain Malaysia ISO9001:2015 audited by TUV-NORD and Pass certification audit

2019.08 2020.03 2020.04 2020.05 2020.06 2020.11
01 Who we are?

Global Footprint

ShenZhen, China
HQ
- 11000 m², 500+ Employees
- Research & design services
- SMT (At any Volumes & Mixes) & Box build
- Global sourcing & Logistics
- ISO 9001, ISO 14001, ISO 18001

Bangkok, Thailand
Cooperation Partner
- 75,000 m², 4,000+ Employees
- 26 SMT lines, 10K class cleanroom
- In-line PCBA cleaning, Wire bonding, wafer dicing, SiC Wafer materials

Penang, Malaysia
Manufacturing
- 11560 m² in bonded area, 500+ Employees
- 3 SMT lines, 10K class cleanroom
- Wire Bonding(AI & AU wire); Wafer Dicing; Molding/Encapsulation
- ISO 9001 (received on Nov 20, 2020)

HK, China
Logistics

Thailand
Manufacturing

Malaysia
Manufacturing

14 Years Experience in EMS

1000 + Employees Worldwide

20000 m² + Manufacturing Area
02 What we do?

One-stop Solution

Optical
- Optical Transceivers
- EDFA/CWDM CATV Modules
- Wavelength Selective Switches
- Optical Engines and Box Builds

Automotive
- BMS
- Body Control Module
- Autonomous Vehicle Technology

Marine
- Marine VHF Radio
- Loudhailer
- AIS

Others
- AI
- SiP
- LiDAR
- Silicon Photonics
- IoT
- Medical Devices

Main Service Field
03 Capabilities

1. Design
- Industrial Design
- Structural Design
- Circuit Design
- Water-proofing Design

2. Manufacturing
- High-efficiency SMT Lines
- Assembly Capability
- Traceability in component level

3. Testing
- International Engineering Team
- Strict Quality Control
- Closed-loop Testing Process
- Customized Testing Solution

4. Supply Chain
- Professional Planning Team & Sourcing Team
- Digital Management System
- High Inventory Turn-over

Manufacturing Capabilities Highlights

- 3 Manufacturing Centers
  - Shanghai
  - Malaysia
  - Thailand

- 20,000+ Square Total Area

- 29 Million Annual Production

- 20+ Lines Production Lines

Design Capabilities Highlights

Industrial Design
- Profound knowledge in modeling design, UI design, packaging design, material technology, ergonomics, etc.

Structural Design
- Assembly: compact & Lightweight
- Component: high adaptability
- Acoustics: same quality, half size
- IP68 Waterproof
- Mechanism: High reliability
- Thermal Design and Simulation

Circuit Design
- Industry-leading Circuit Design
- Experienced Engineers
- Multiple Process Innovation and Patents of Circuit Design
- Failure Analysis Laboratory and Reliability Laboratory
03 Capabilities

Testing Capabilities Highlights

To ensure quality, Fastrain can provide total PCBA test solution covering all the process starting from material incoming, manufacturing to shipping.

Supply Chain Capabilities Highlights

Fastrain has experienced global supply chain team that provides optimal solutions for managing material cost, quality and lead-time requirements for any volume and mix of products. Functional team focuses on cost and lead time reduction, material availability, supply continuity and quality standards to ensure quality materials are available at lowest cost to meet on-time delivery targets.

> Professional Planning Team
> Digital Management System Integrating with ERP and MES System
> High Inventory Turn-over
> Optimized Order Management, High Efficiency
> Reduce Inactive Stock to Make Maximum Utilization of Operational Capital

Planning

Sourcing

- Experienced Sourcing Team
- Balancing Quality, Cost and Delivery to Achieve Comprehensive Competitiveness of Sourcing
- Strict Supplier Management, Regular Reviews on Supplier
- 20 Strategic Partner Supplier, 300+ AVL, 98% of Electronic Components are from World Famous Brands
- Abundant Localized Procurement Resources, Favorable Price, Flexible Respond

Logistics

- Independent Import and Export Capabilities
- A Branch in Hong Kong as the Global Import & Export Center
- Long-term Partnership with Numerous International Logistics Companies

Customized Solutions

DFT Review

Inspection & Testing

Reliability Lab

Failure Analysis Lab
04 Quality Management

Fastrain is dedicated to ensure full compliance with the quality and regulatory system requirements for every customer we serve.

- Out-going DPPM<50
- ISO9001, ISO14001, ISO45001
- CIT/CIS Certified Engineers
- Self-developed MES System
- Six Sigma to Continuously Improve Quality and Efficiency

Certifications

ISO 9001:2015
ISO 14001:2015
ISO 45001:2015
ISO 9001:2015 (Malaysia)

Quality Policy

Quality Objectives

- Customer Satisfaction ≥ 80%
- Product Final Quality ≥ 99%
- On-time Delivery Rate ≥ 99%

Quality First, Customer Satisfaction, Full Participation in Continual Improvement