



**Electronic Manufacturing
Solutions**

EMS Vision

Electronic Manufacturing Solutions is focused on the provision of fast, cost effective, specialist solutions, to the high technology electronics marketplace.

Our capability extends from design, through PCB assembly, to complete box build and project management, offering our customers added value services, coupled with controlled cost of ownership.

The expertise of our staff, alongside a defined strategy of ongoing investment and improvement, enables EMS to continue its development as a world class supplier in the field of Contract Electronic Manufacture.

Focus

- Cost Effective Solutions
- Dynamic & Responsive Performance
- Total Customer Satisfaction
- Long Term Relationships
- World Class Standards
- Success & Growth

EMS Evolution

- Established 1998 as a Test House
- Entered CEM/EMS Market in 2000
- Moved to Thatcham facility in 2008
- Ongoing Capital-Expansion Strategy
- Continuous Business Development
- Expansion of Customer Base

EMS Solutions

- Product Design
- Value Added Engineering/NPI
- Supply Chain Management
- PCB Assembly
- Cable Assembly
- Turnkey & System/Box Build
- Automated Test/Verification
- Repair/Upgrade/Refurbishment
- Supply Logistics

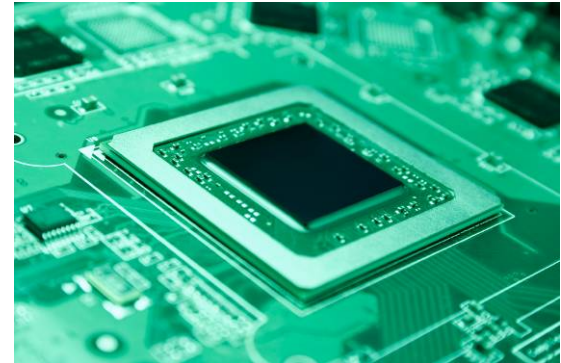


Service

- Rapid Quote Response
- Small Batch/Fast Turn Specialist
- Pre-Production & Production Manufacture
- Prototypes from 2 Days
- Production from 5 Days
- Offshore Partners for High Volume

Value Added Engineering

- Design Support
- New Product Introduction
- Technically Qualified Personnel
- Design for Manufacture
- Design for Test
- Concurrent Engineering
- Cost Down Focus



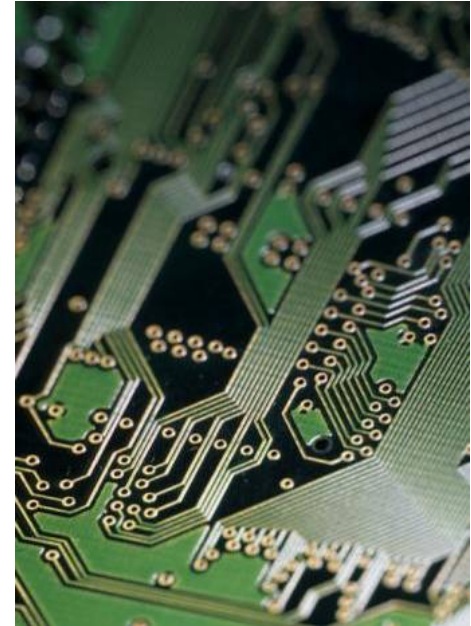
Supply Chain Management

- Full or Partial Kitting
- Stock Management
- PCB Sourcing
- Obsolete Component Sourcing
- Stock Control
- Component Traceability
- Warehousing
- Shipment



PCB Supplier Strategy

- Comprehensive Supply Base
- Customer Specific Sourcing
- Strong Supplier Relationships
- Project Driven Solutions
- Best in Class
- Standard to High technology
- Fast Turn to High Volume



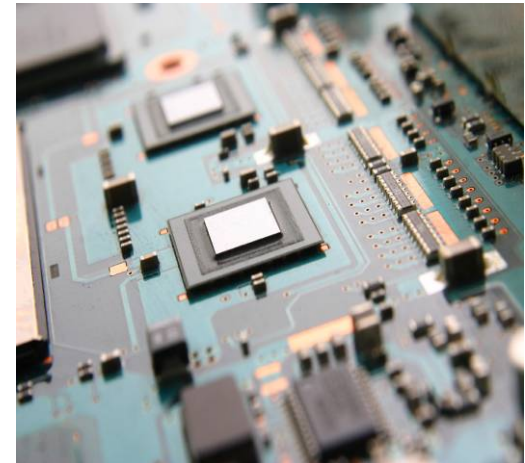
EMS Capabilities

- Rapid Quote Response
- Strong Procurement Expertise
- Fast Turn/NPI Specialists
- SMT, Through Hole & Mixed Assemblies
- System & Box Build
- Rework & Refurbishment
- Full RoHS Compliancy
- No Clean Processes



EMS Capabilities

- Optically Aligned SMT Placement down to 0201
- Fine Pitch QFP
- BGA/Micro BGA/CSP
- Automated Optical Inspection (AOI)
- Selective Soldering Facility
- Cable Assembly



Test & Verification

- Automated Optical Inspection (AOI)
- In Circuit Test
- Functionality Test
- Roving Probe
- Boundary Scan
- First Article Inspection
- Real Time X-Ray



Quality Policy

Electronic Manufacturing Solution's aim is to deliver a quality service to its customers, across all aspects of the business.

Our staff, investment strategy and future development are all geared to meeting this goal, through training and with the ongoing commitment of the management.

This policy of continued improvement coupled with a strong teamwork ethic, enables the company's target of total customer satisfaction to be achieved.

Quality Culture

- ISO 9001 (Approval Pending)
- Full RoHS Compliance
- Continuous Improvement Culture
- PCBs supplied to IPC-600/ISO9000/UL/QS
- Manufacturing in accordance with IPC-610
- Cable Assembly in accordance with IPC-620

Logistics

- Consignment Stock
- KanBan (Next Day)
- Just in Time
- Ship to Stock
- Ship to Line
- Warehousing



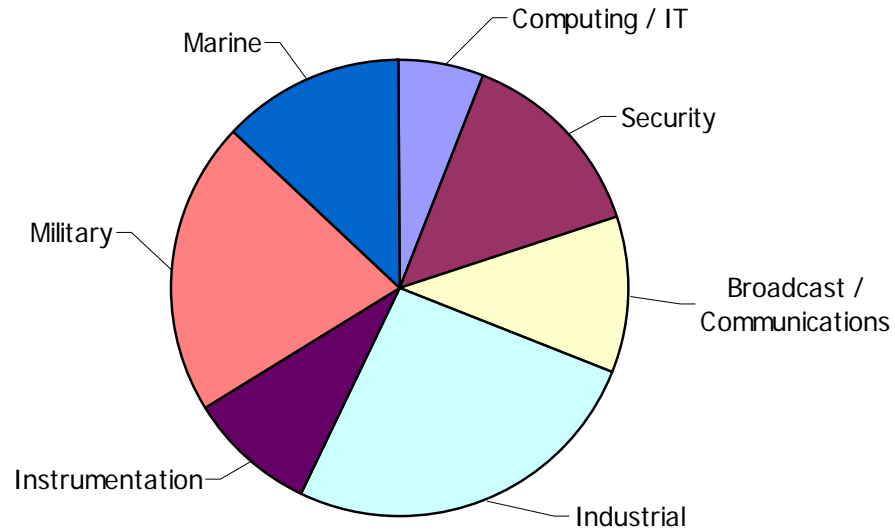
Environmental Considerations

- Full RoHS Compliance
- Employee Awareness
- Returnable Packaging
- Recycling



Markets

EMS Market Breakdown



EMS Strengths

- Quality & Performance Focus
- Agility & Responsiveness
- Prototype to Volume Requirements
- Predictable Cost of Ownership
- Design to System Build
- Design for Manufacture Support
- Technical & Procurement Expertise
- Full Project Management

Development Opportunities

- Continued Capital Investment
- Cost Reduction
- Market Penetration
- Factory Floor Space
- Supplier Relations
- Communication/Systems
- Industry Approvals





Time Critical Electronic Solutions