



Capability List

12 Reasons To Choose Altron

- Excellence in Contract Manufacturing since 1974
- State-of-the-art manufacturing, inspection and test equipment
- Highly effective quality system and procedures that consistently produce first pass yields over 99%
- Modern MRP/ERP and bar coding systems for real time project tracking
- Proactive program management and customer service support
- Manufacturing, test and quality engineering technical support
- Established materials management system/supply chain management
- Highly trained and experienced production personnel with long tenure
- Optimum flexibility in scheduling and engineering changes
- Financially stable with positive cash flow
- Available production capacity for future growth
- Competitive pricing

Facilities

- Modern 65,000 square foot building with 14 acres to expand
- Complete ESD controlled manufacturing facility
 - Conductive tile floors
 - Conductive work stations
 - Humidity and temperature control
- Altron's Green Initiative
 - Energy efficient lighting throughout the facility
 - Altron lead-free/RoHS compliant
 - Altron Awarded certificate of Environmental Achievement
 - Altron Receives "Friends of the Earth" Award

Services

- PCB Assembly -Lead or Lead-Free
 - Surface mount
 - Automated and manual through hole placement
 - Rigid, rigid-flex and flex printed circuit board assemblies
- Electro-mechanical assembly
- Cable and harness assembly
- Turnkey and/or consigned materials
- Full line of testing platforms and equipment
- Rework and modifications
- Potting, epoxy and masking systems
- Conformal coating systems
- Rapid prototyping
- DFM, DFT and DFQ reviews at no charge for our customers
- Box build
- Drop ship
- Order fulfillment

Surface Mount Technology

- Six fully automated, conveyerized SMT lines with Automated Optical Inspection
- Dedicated off line screen printer for prototypes
- Surface mount placements as small as 01005's, 12 mil pitch and Micro BGA's
- High-speed chip shooters capable of 45,000 components/hour
- Real time X-ray inspection capability
- Capability to remove, re-ball and replace BGA's and Micro BGA's
- PCB capabilities up to 18" x 24"

Test Technology

- Major ICT test platforms
- Teradyne/GenRad and HP/Agilent
- Boundary Scan capabilities
- TestJet/Opens Express technology
- Scorpion flying probe tester
- Custom functional testing
- Custom test design
- Complex bench level analysis
- Burn in
- Environmental testing
- Customer modem access
- GPS testing



Quality Control Services

- Lot control traceability
- Extended record retention
- Ionic contamination testing
- Automated Optical Inspection
- First article, in-process, final inspection and test
- First pass yield reporting



Materials Management

- Corporate procurement contracts
- OEM sourcing agreements
- Distribution partnerships
- Integrated MRP/ERP II
- Integrate customer registered pricing
- Flexible stocking programs
- Extensive domestic and foreign supply chain

Certifications and Compliance to:

ISO 9001:2008

ISO 13485:2003

USA/Canada Joint Certification

FDA QSR Compliant Reg. # 2183673

IPC-A-610 Class 2 and 3

J-STD-001 Class 2 and 3

Military Cage Code # 8J190

ITAR Registered # M20617

UL, CSA, TUV Compliant

ALTRON INC.

A Veteran Owned Small Business (VOSB)