



# Capability List

## 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
  - ✓ Altron lead-free and 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 or manual through hole placement
  - Rigid, flex and rigid-flex PCB's
- Electro-mechanical assembly
- Cable and harness assembly
- Turnkey and/or consigned materials
- Full line of testing platforms and equipment
- Rework and modifications
- Potting and conformal coating systems
- Rapid prototyping
- DFM, DFT and DFQ reviews at no charge to 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 of 18" x 24"

## Test Technology

- All major ICT test platforms
- Teradyne/GenRad and HP/Agilent
- Boundary Scan capabilities
- TestJet/Opens Express technology
- Custom functional testing
- Custom test design
- Complex bench level analysis
- Burn-in
- Environmental testing
- Customer modem access



## 12 Reasons To Choose Altron

- Over 35 years of experience in Contract Manufacturing
- State-of-the-art manufacturing, inspection and test equipment
- Highly effective quality systems 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 schedules and engineering changes
- Financially stable with positive cash flow
- Available production capacity for future growth
- Competitive pricing

## Quality Control Services

- Lot control and 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
- Integrated customer registered pricing
- Flexible stocking programs
- Extensive domestic and foreign supply chain

### Certifications and Compliance to:

ISO 9001:2008  
ISO 13485:2003  
AS9100 (Q3-09)

FDA QSR Compliant Reg. #2183673  
IPC-A-610 Class 2 and 3 Certified  
J-STD-001 Class 2 and 3 Certified  
Military Cage Number 8J190  
ITAR Registered # M20617  
UL, CSA, TUV Compliant

# ALTRON INC.

A Veteran Owned Small Business (VOSB)