



Prime

Advanced EMS Solutions

Prime is a turnkey Electronics Manufacturing Services company (EMS) with Tier One capabilities wrapped in an entrepreneurial culture and mindset.

Our goal as your advanced EMS partner is to provide you with customized solutions that manage your most complex supply chain challenges and help your company to achieve growth and financial success. We seek true partnerships with our customers and commit that you will consistently experience unparalleled flexibility, responsiveness and quality manufacturing of your electronics on time and at a competitive price.

Engaging with you from the design stage through end-of-life, Prime supports your product portfolio through its entire life cycle. We have the skilled personnel, advanced equipment, lean processes and quality systems to improve your time-to-market and provide you a competitive edge in your market.

Please contact us or visit our website to see how Prime can become your most trusted and valued EMS partner.



Quality Certifications & Training

- AS9100D:2016 Certified
- ISO 9001:2015 Certified
- ISO 13485:2016 Certified
- ITAR registered
- IPC/J-STD certified and trained
- IPC-A-610 trained inspectors
- ANSI/ESD S20.20-2014 compliant
- Counterfeit parts detection per IDEA-STD-1010



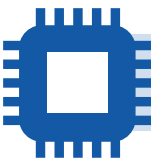
Time to Market

- Rapid NPI across diverse market segments
- Build-to-print lean manufacturing
- Tenured and experienced workforce
- Supply Chain expertise



Financial Stability

- 30 years of success, profit, and growth
- 50,000 sq. ft. facility outside Atlanta
- \$2.5M in advanced robotics technologies
- Inc. 5000 – “One of America’s fastest growing Private Companies!”



Services

- Product Engineering
- Supply Chain Management
- Specialize in Low-Medium Volume High Mix Assembly

- Final Assembly & System Level Integration
- Test Development
- End Customer Order Fulfillment
- Repair, Logistics & End of Life Support
- Conformal Coating



Capabilities

- DFM and DFT analysis
- Rapid Prototype / Quick Turn
- Four (4) precision SMT placement lines
- HDI PCBs with high layer stackups, blind and buried vias, and microvias
- Precision placement expertise – 0.3 mm pitch BGA, uBGA, FPGA and as small as 01005 components
- Rigid and rigid-flex PCB assemblies
- 3D solder paste volume inspection
- 3D in-line Automated Optical Inspection (AOI)
- Process capable up to 18 x 24
- Convection reflow ovens w/13 heat zones
- Lead / Lead Free soldering
- Selective soldering
- Ultrasonic Welding
- BGA rework
- Traceability and lot control with QR barcoding
- Automated Conformal Coating
- Potting
- X-Ray
- Aqueous Cleaning
- Cleanliness Testing
- Functional Testing (FCT)
- In-Circuit Testing (ICT)
- Silicon Expert components database
- Valor manufacturing system