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Silicon Forest Electronics, Inc.

Your Partner in Electronics Contract Manufacturing Services

Certifications

ISO 13485 NASA IPC J-STD ISO 9001 AS9100 ITAR

Mission & Core Values

To embrace with passion the extreme, “hang-on-for-the-ride” atmosphere created by our customers’ rapidly changing needs.

We value individuals and relationships while conducting all matters with integrity in order to make a positive difference in the lives of our customers, employees, suppliers, stakeholders and community.

We design and implement time-critical, high-quality solutions with extraordinary customer service while maximizing value.

Capabilities

Full Turnkey Program Management

- Supply Chain Management

Machine Assembly

- Surface Mount Technology, including BGA and micro-BGA placements
- Dedicated “Quick Turn” Manufacturing Lines
- Convection and Vapor Phase Reflow

Hand Assembly

- Through-Hole Technology
- Wave Solder
- Press-fit Assembly
- Box Build Assembly

Inspection and Process Control

- 3D solder paste inspection
- AOI (Automated Optical Inspection)
- X-Ray

Testing

- Functional Testing
- Flying Probe Testing
- In-Circuit Testing
- Environmental Testing

Specialty Processes

- Conformal Coating
- Flex and Rigid-Flex Circuitry
- ROHS (Lead-Free) and Lead Capabilities