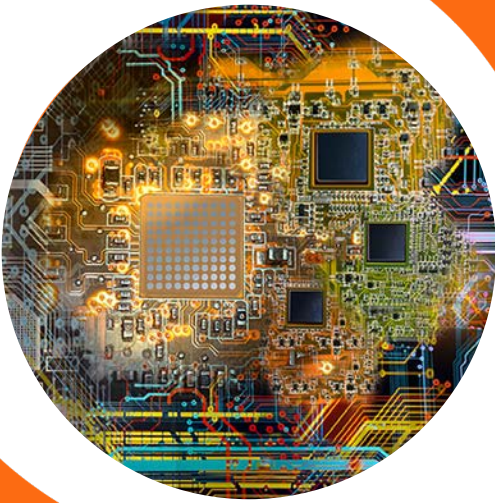




DEFENSE & AEROSPACE

***"We are data driven,
transparent and collaborative."***

– Nicole Russo, Microboard President and CEO

Microboard is an electronics manufacturing services provider delivering circuit card assembly, system integration, and test services.

TRUSTED PARTNER

Microboard has established decades of past performance delivering electronics manufacturing services to mission critical government programs. By consistently executing complex program plans that provide high quality products, on time delivery, and compliant systems, Microboard has earned the trust of government agencies, primes, and subcontractors.

COMPLIANCE

You can rest assured that Microboard is highly experienced with government contracting requirements. Microboard has developed disciplined procedures and the infrastructure required to comply with the flowdowns and special requirements that are common in the government sector. As an ITAR compliant operation executing to a CMMC level 2 plan, Microboard provides the risk mitigation required to secure and safeguard your intellectual property and controlled information.

LIFECYCLE MANAGEMENT

Managing Defense & Aerospace programs requires a culture of long-term commitment and a portfolio of specialized practices. Microboard implements the tools and processes necessary to mitigate the impact of commercial lifecycles on long term programs. Whether it is obsolescence, revision change, or technology insertion, Microboard's proven component engineering and supply chain disciplines provide the visibility and execution required to successfully manage change.

CONTINUOUS IMPROVEMENT

Microboard executes within an effective quality management system designed to meet the rigor of the Defense & Aerospace segment. We are committed to a zero-defect culture based on continuous improvement and lean principles. Our integrated manufacturing execution system software and state-of-the-industry systems optimize quality and productivity while supporting transparent data driven analysis.

MANUFACTURING EXCELLENCE

Microboard's capability to build and test the most complex circuit card assemblies found in government applications is grounded in the skill and experience of our team, and process excellence. We deliver supply chain and engineering assessments that ensure conformance to each of Microboard's select customer's specifications and requirements. Microboard's process validation and optimization techniques accelerate product development and improve manufacturability.



DEFENSE & AEROSPACE

MANUFACTURING CAPABILITIES

- PCBA, System Integration, HLA and Test
- Best-in-Class SMT, Inspection and Test equipment
- Customized Process Solutions
- NPI to Production Volumes
- High Mix, High Part Count, Mid to High Complexity Assemblies
- Small to Large Form Factor Flex & Rigid-Flex Assembly

SUPPLY CHAIN MANAGEMENT

BOM Management & Life Cycle Services

- Design for Supply Chain
- Part Number Validation
- End of Life Status
- RoHS/REACH Classifications
- PCN Notifications
- Obsolescence Material Management

Parts Management

- Drawing reviews and flowdowns
- Solder dip/Re-balling
- Programming
- Third party electrical testing
- Part marking
- Conformal coat
- Anti-counterfeit procedures

Supply Chain Solutions

- Build to forecast
- Pull based models
- Direct fulfillment
- Warranty services

QUALITY, MANUFACTURABILITY, AND COMPLIANCE

- ISO9001, ISO14001, ISO13485, AS9100D
- AS9102, AS9145, AS5553
- IPC-A-610 / J-STD-001 / IPC-7711-7721
- ITAR compliant
- CMMC level 2 plan
- Woman Owned Small Business
- DFM, DFA, and DFT Capabilities
- Integrated Production Quality Data Capture
- Full Component and Date Code Traceability
- Manufacturing Execution Software Workflow Traceability
- Established Continuous Improvement Processes

SYSTEM TEST

- Secure, remote access data collection and reporting
- Broad test capabilities including RF
- ESS chambers
- In process and final test

PRODUCTION AND PROCESS CONTROLS

- Control plans
- Line audits
- Process validation
- First article inspections
- Electronic travelers

SCAN ME!



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