

QUALITY

MANUFACTURING SERVICES, INC.

WORLD-CLASS
CONTRACT MANUFACTURING

QMS is a State-of-the-Art Full-Service Electronics Manufacturing Services provider, located in Central Florida's technology hub.

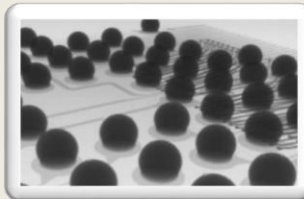
PRINTED CIRCUIT BOARD ASSEMBLY

- NPI, DFM, Test Development
- Flex & Rigid-Flex Expertise
- Turnkey and Kit Assembly
- Prototype to Production Volumes
- 01005 and Ultra-Fine Pitch
- BGA, LGA, QFN, WLCSP Packages
- 3D AOI and X-Ray
- Electrical & Environmental Test
- Conformal Coating & Potting



EXCEPTIONAL QUALITY

- ISO 9001:2015 Registered
- ITAR Registered
- IPC-A-610 Class 2 & 3
- J-STD-001 Certified
- UL / CSA / TUV / CCC / FM Global
- Traceability



Diverse Industry Experience

- | | | |
|------------------|---------------|-------------------|
| ■ Defense | ■ Aerospace | ■ Simulation |
| ■ Medical | ■ Life Safety | ■ Industrial |
| ■ Transportation | ■ Automotive | ■ Railway |
| ■ Entertainment | ■ IoT | ■ Radio Frequency |
| ■ Infrastructure | ■ Security | ■ Power Source |



INTEGRATED BOX BUILD

- Sub Assembly to Final Integration
- Full Functional Testing
- Burn-In
- Packaging Design
- Direct Shipment



400 Rinehart Road
Lake Mary, FL 32746
(407) 531-6000
sales@qmscfl.com

State-of-the-Art Facilities





PCB ASSEMBLY

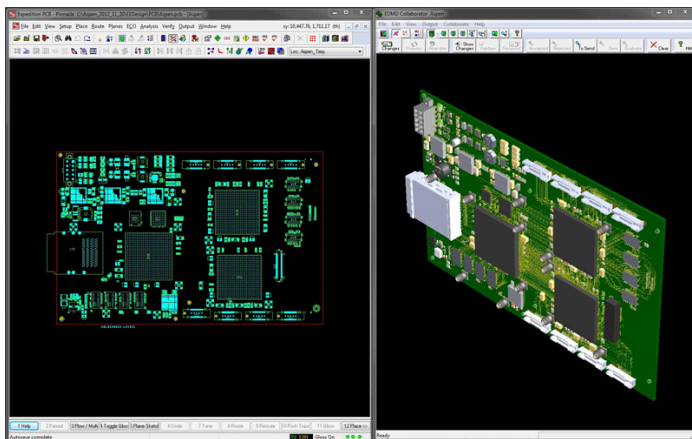
- State-of-the-Art SMT Lines
- 01005, Micro BGA, LGA, WLCSP placement
- 3D Automated Optical Inspection (AOI)
- Nitrogen Purge SMT Reflow
- PTH Assembly
- Wave Solder Pb & Pb-Free
- Selective Solder Pb & Pb-Free
- XRF Analysis
- X-Ray and Optical Microscopes
- All Major Solder Chemistries
- Aqueous and No-Clean Flux Chemistries
- Rigid, Flex, and Rigid-Flex Expertise
- Conformal Coating and Potting
- New Product Introduction Analysis
- Dedicated Prototype Assembly
- Closed Loop DI Aqueous In-line Wash
- Batch Wash with Saponifier
- De-panel & Routing

ENGINEERING

- Manufacturing Design Review
- PCB Layout Review
- Design for Manufacturability
- Compliance Review
- SMT Stencil Design
- Fixture Design & 3D Print
- Manufacturing Process Development
- Configuration Management
- Failure Analysis

TEST

- Functional Test
- Flying Probe
- In-Circuit
- Boundary Scan
- Environmental
- Radio Frequency (RF)
- High Voltage Testing
- System Level Testing
- Custom Test Development



The Lake Mary facility encompasses 44,000 ft² containing the most premier electronics manufacturing equipment. Static dissipative flooring, 5S Organizational Strategy, an active FOD prevention plan, environmental impact self-containment programs, and lean manufacturing techniques constitute a foundation supporting the highest technical capability in the EMS industry.



ITAR
Registered
International Traffic
in Arms Regulations

