PCBA and System Assembly
San Jose, CA

Complete PCBA and System Manufacturing Services

Our Sanmina San Jose, California facility partners with some of the world's most innovative high-technology companies to produce advanced PCBAs and complex systems. We provide a full range of New Product Introduction (NPI), manufacturing and test services to companies in the communications and networking, computing and storage, medical, industrial, semi-conductor and clean technology sectors. The San Jose operation is part of our integrated service offering in the San Francisco Bay Area: product design, PCB and backplane technology, cables, enclosures and machining. We also provide comprehensive services for supply chain development, component engineering, process development and NPI. We manage all aspects of product engineering support during manufacturing, including cost-reduction, redesign when components become obsolete, sustaining engineering and documentation management. With years of manufacturing experience, we provide comprehensive services for a wide range of products and components.

MANUFACTURING CAPABILITIES
- High-Mix, Low-Volume/Low-Mix, High-Volume Support
- Final System Configuration & System Test
- PCBA, Optical & System Assembly
- 5 High Speed SMT Lines
- Supply Chain Development
- Build-to-Order (BTO) / Configure-to-Order (CTO)

ENGINEERING CAPABILITIES
- New Product Introduction (NPI)
- DMR Management Process & Product
- Component Engineering
- Design for Manufacturability (DFx)
- Failure Analysis / MTBF Prediction
- Q/QQ/PQ Development / Validations

TESTING CAPABILITIES
- Probe Test, In-Circuit Test/J-Tag
- Boundary Scan
- Functional Test / Final System Test
- X-Ray Inspection
- Automated Optical Inspection
- Environment Test

TECHNOLOGIES
- PoP 0.4mm, BGA 2500+ I/O, µBGA, CSP
- BTC, QFN, LGA, 0402, 0201, 01005
- Lead, Lead-free, Clean & No-clean Chemistries
- Large from Factor PCB

LOGISTICS SERVICES
- Direct Order Fulfillment
- Warranty Depot & Repair
- Refurbishments
- Spares / FRUs Support
- Kanban

CERTIFICATIONS
- ISO 9001
- ISO 14001
- ISO 13485
- ANSI/ESD-S20.20
- IPC-A 610 (Class 2 & 3)
- FDA Registered
- FDB 63306 License
- CMDCAS

ABOUT SANMINA CORPORATION

Sanmina Corporation is a Fortune 500 company and a leading global provider of integrated manufacturing solutions, components, products, repair, logistics and after-market services. Recognized as a technology leader, Sanmina provides end-to-end manufacturing solutions, delivering superior quality and support to Original Equipment Manufacturers (OEMs) primarily in the communications networks, cloud solutions, medical, defense and aerospace, industrial and automotive segments. Sanmina has facilities strategically located in key regions throughout the world.