



SANMINA

PCBA & System Assembly

**Reduce Costs
& Accelerate Time
To Market**



Manchester, New Hampshire



Providing a complete solution for your manufacturing and logistics needs, the Sanmina Manchester. New Hampshire facility offers a wide range of manufacturing and New Product Introduction (NPI) services. Specializing in communications and network equipment, our Manchester facility also offers a complete range of services for multimedia, computing, medical, industrial and clean technology products. Service offerings extend to engineering and test development, configure-to-order (CTO), direct order fulfillment, global distribution as well as product repair. Our Manchester facility is also conveniently located within an hour of Boston for a strategic domestic manufacturing option or a gateway to best-cost countries.

Sanmina Worldwide

Manufacturing Capabilities

- NPI, Prototyping
- Quickturn
- Supply Chain Management
- High-Mix, Low- to Medium-Volume Production
- State-of-the-art SMT, PTH Assembly
- Selective Soldering
- Systems Integration
- Lean Six Sigma, 5S, pFMEA Expertise
- Conformal Coating

Engineering Capabilities

- NPI, Prototypes
- CAD/CAM
- DFA, DFT and Failure Analysis
- Quality, Test, Process and Manufacturing Engineering

Testing Capabilities

- ICT, Boundary Scan, Hi-Pot and Functional Test
- Flying Probe, AOI, 2D and X-Ray Laminography
- HALT, HASS, ATE Turnkey
- Design for Test Analysis

Technologies

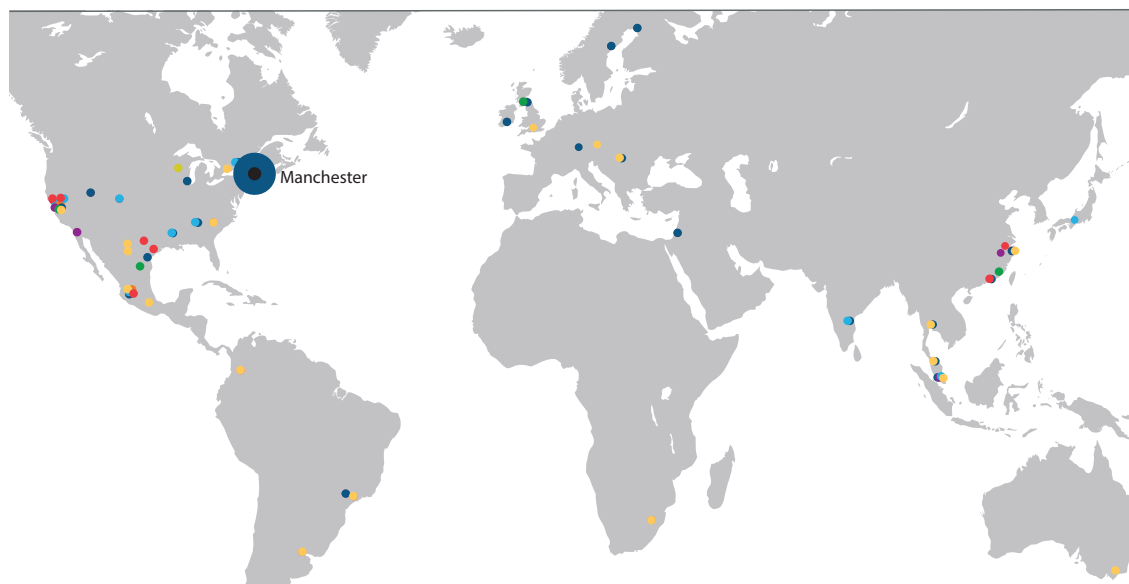
- Lead-Free, OA and No-Clean Chemistries
- 01005 to 2000+ I/O BGA Component Packaging
- Fine Pitch, BGA, uBGA, QFN, LGA, CSP
- Boards up to 24" X 20", 0.25" Thick
- Fiber Optics
- BGA Replacement and Reballing
- PTH Selective Soldering
- Compliant Pin/Press-Fit
- Package on Package (POP)

Logistics Services

- SMI, JIT, ATO/CTO, Kanban
- FG/VMI Hub Programs
- Domestic and International Direct Order Fulfillment
- Warranty Repair and Product Upgrades

Certifications

- TL 9000
- ISO 9001 and 14001
- ANSI J-STD-001 and IPC-A-610/620, Class 2 & 3
- ITAR Certified



CABLES

- Zhangpu, CN
- Monterrey, MX
- Port Glasgow, UK
- San Jose, CA



GLOBAL SERVICES

- Bogota, CO
- Brno, CZ
- Buenos Aires, AR
- El Paso, TX
- Guadalajara, MX
- Johannesburg, ZA
- Penang, MY
- Tatabánya, HU
- Thailand, TH
- Juarez, MX
- Markham, ON
- Melbourne, AU
- Mexico City, MX
- Sao Paulo, BR
- Basingstoke, UK
- Kunshan, CN
- Singapore, SG
- San Jose, CA
- Fort Mill, SC



DESIGN CENTERS

- Carrollton, TX
- Chennai, IN
- Colorado Springs, CO
- Guadalajara, MX
- Kanata, ON
- Singapore, SG
- Yasu, JP
- Huntsville, AL



INTEGRATED MANUFACTURING SERVICES

- Carrollton, TX
- Campinas, BR
- Chennai, IN
- Fermoy, IR
- Guadalajara, MX
- Gunzenhausen, GR
- Haukipudas, FI
- Huntsville, AL
- Kanata, ON
- Kenosha, WI
- Kunshan, CN
- Ma'alot, IL
- Manchester, NH
- Örnköldsvik, SW
- Pathum Thani, TH
- Penang, MY
- Port Glasgow, UK
- San Jose, CA
- Shenzhen, CN
- Singapore, SG
- Tatabánya, HU
- Salt Lake City, UT
- Reynosa, MX



PLASTICS

- Turtle Lake, WI



PCB

- San Jose, CA
- Costa Mesa, CA
- Singapore, SG
- Wuxi, CN



BACKPLANES

- San Jose, CA
- Guadalajara, MX



MECHANICAL SYSTEMS

- Austin, TX
- Fremont, CA
- Guadalajara, MX
- Houston, TX
- Newark, CA
- Shenzhen, CN
- Suzhou, CN

ABOUT SANMINA CORPORATION

Sanmina Corporation is a leading integrated manufacturing solutions provider serving the fastest-growing segments of the global Electronics Manufacturing Services (EMS) market. 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 medical, communications networks, defense and aerospace, industrial and semiconductor systems, multimedia, computing and storage, automotive and clean technology sectors. Sanmina has facilities strategically located in key regions throughout the world.

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