



SANMINA

Sanmina Global Services (SGS)

Complex Repair Process Development, Stabilization and Optimization



Carrollton, Texas



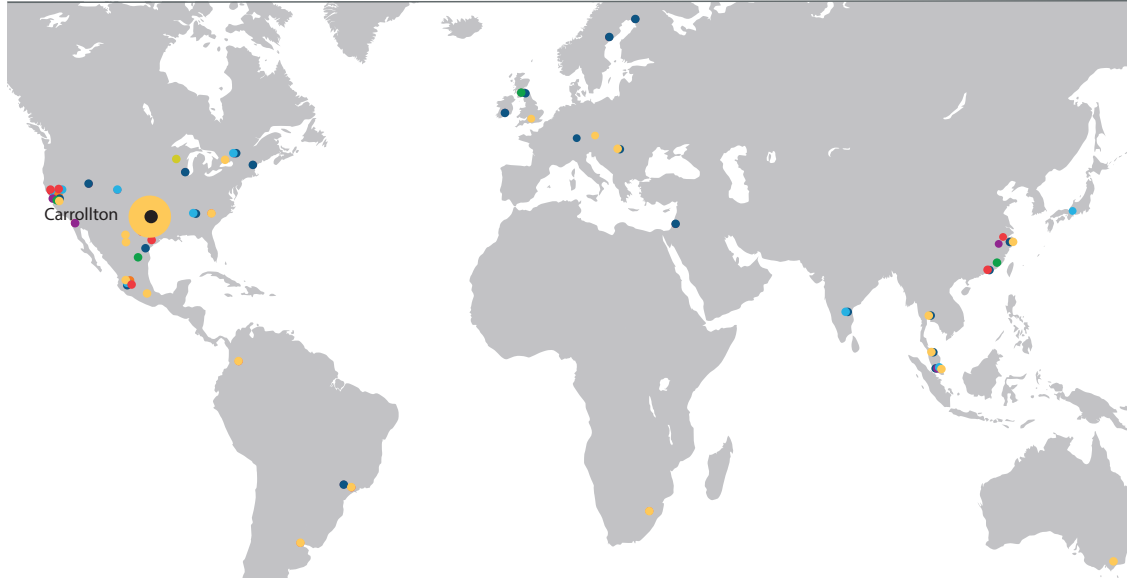
The Sanmina Carrollton, Texas facility provides comprehensive repair, engineering, and logistics solutions and serves as a gateway facility for North American services introductions for local and international customers, specializing in complex, mission-critical telecom and other products. We offer a full

range of repair and logistics services, including repair capability creation, returns management, product screening, configure to order, as well as repair and refurbishment for complex circuit boards, electro-mechanical subassemblies and complete systems. A highly-skilled engineering team provides full life-cycle support of products from repair NPI to sustaining work to end of life. Engineering Services includes process development, new product introductions, sustaining engineering, obsolescence management, and product sunset services.

Integrated Manufacturing Services

In addition to repair and logistics services, Sanmina is the premier partner for integrated manufacturing solutions (IMS) and end-to-end services for Original Equipment Manufacturers. The Carrollton, Texas facility delivers end-to-end solutions in the design, engineering, manufacture, test and global distribution of your complete communications systems, optical assemblies and rack assemblies. As Sanmina's Optical Center of Excellence, the Carrollton facility can design, test and manufacture your high-technology electrical or optical assemblies and support your products with post-manufacturing warranty and repair services.

Sanmina Worldwide



Repair and Refurbishment

- Complex System Test and Repair
- PCBA & Component Level Test & Repair
- Rework, Retrofits and Upgrades
- Fiber Optic Repair
- BGA and RoHS Compliant Rework
- Product and No-fault Found Screening

New Service Introduction

- Repair Capability and Process Creation
- Repair Process Stabilization
- Repair Process Optimization
- Transfer Support to Low Cost Region

Product Sunset Gateway

- Legacy Product Support
- Sustaining Engineering
- Obsolescence Management
- EOL/LTB Component Management
- Decommission and Disposal

Logistics Services

- Hardware Integration
- Direct Order Fulfillment
- Product Configuration Services
- Kitting and Configure to Order
- Pick, Pack and Ship
- Scheduling and Export/Import
- Inventory Management

Manufacturing Capabilities

- New Product Introduction
- High-mix SMT Assembly
- ICT, Flying Probe, Hi-pot, AOI, 3D X-ray, Functional Test, and System Test
- Build-to-order (BTO)
- Optical Splicing, Testing, and Repair

Certifications

- ISO 9001, 14001
- TL 9000
- ANSI J-STD-001 and IPC-A-610

- **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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