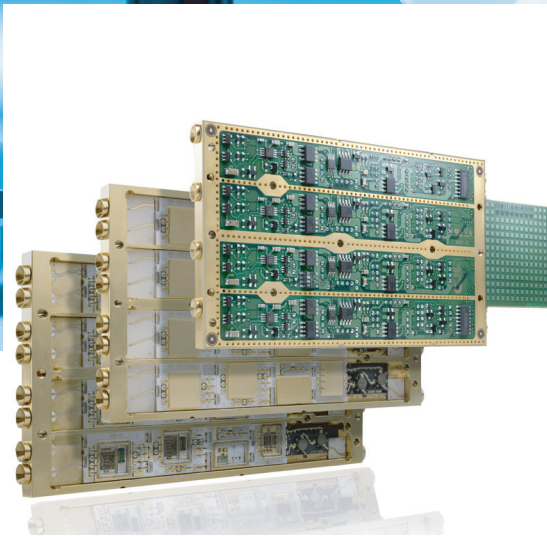




SANMINA

**Optical, RF, Microwave  
PCBA & System Assembly**

**Comprehensive  
Business Solutions  
for Your Design &  
Manufacturing  
Needs**



**Carrollton, Texas**

The Sanmina Carrollton, Texas facility delivers end-to-end solutions for the design, engineering, manufacture, test and global distribution of complete communications systems, optical assemblies and other high-technology products. The Carrollton facility designs, tests and manufactures high-technology modules and systems. Our facility can also support products with post-manufacturing warranty and repair services.

# Sanmina Worldwide



## Manufacturing Capabilities

- New Product Introduction (NPI)
- High-Technology SMT Assembly
- Systems Assembly
- BGA Rework
- Integration of Optical-Electrical Subsystems
- Optical Connectorization
- Fusion Splicing: SM, MM, PM, Ribbon, Reduced Cladding and Erbium
- Fiber Management
- Attenuation Splicing
- Build-to-Order (BTO)

## Engineering Capabilities

- Complete Electrical, Optical and Mechanical Design Services
- Test Development, Software and Industrial Engineering
- Integrated Opto-Electronic Modules

## Testing Capabilities

- Flying Probe, Hi-Pot, AOI, 5D X-Ray and Functional Test
- Optical, BERT and OSNR
- ICT, RF and System-Level Testing

## Technologies

- RoHS
- SMT, PTH
- Optical Assembly
- No-Clean Processes

## Logistic Services

- Kitting and International Shipping
- Vendor Managed Inventory (VMI)
- Out-of-Box Audit
- Warranty Support and Upgrade/Repair Center
- Serial Number Tracking

## Certifications

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

- **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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