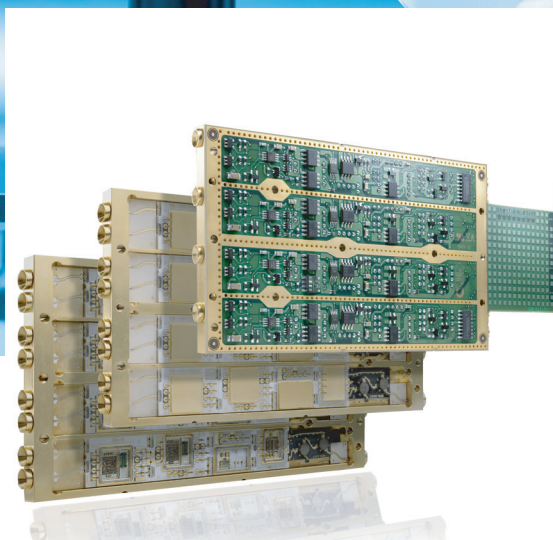




SANMINA

Optical & RF/ Microwave Solutions

At the Forefront of
Optical, RF,
Manufacturing
and Design



Shenzhen, China



The Sanmina Shenzhen, China facility partners with some of the world's most innovative companies to create complex optical, opto-electronic and RF products for the communications networks, industrial, oil & gas, and medical markets. Strategically located in the Futian free-trade zone, our facility provides product

industrialization, test engineering, process engineering, and New Product Introduction (NPI) support for component, module and system level applications. Sanmina Shenzhen manages all aspects of manufacturing, along with implementing cost-reduction and sustaining engineering strategies. We continuously invest in improving our production processes and characterizing variations to optimize the design of optical and RF microwave products. We've developed a library of design models to reduce risk in product design. For low-cost manufacturing of advanced optical and RF components, modules and systems, partner with our Shenzhen optical organization today.

Sanmina Worldwide

Manufacturing Capabilities

- Class 100,000 and 10,000 Clean Rooms
- Passive Component Manufacturing
- 10-40-100-400Gb/s Active Optical Devices
- Component, Module, Blade and Systems Assembly
- Submarine Laser Manufacturing
- Optical Connectorization, Coating
- Fusion Splicing: SM, MM, PM, Ribbon and Erbium
- Attenuation Splicing
- Fiber Management
- Build-to-Order (BTO)

Engineering Capabilities

- New Product Introduction (NPI)
- Product Qualification
- 10-40-100-400Gb/s Components, Modules and Integrated Opto-Electronic Subsystems
- Process Development and Improvement
- Fixture Design and Automation
- System-Level Testing
- Optical, BERT and OSNR
- COC BI, Component and RF Testing
- Value-Added/Value Engineering Services
- Reliability Testing & Failure Analysis

Technologies

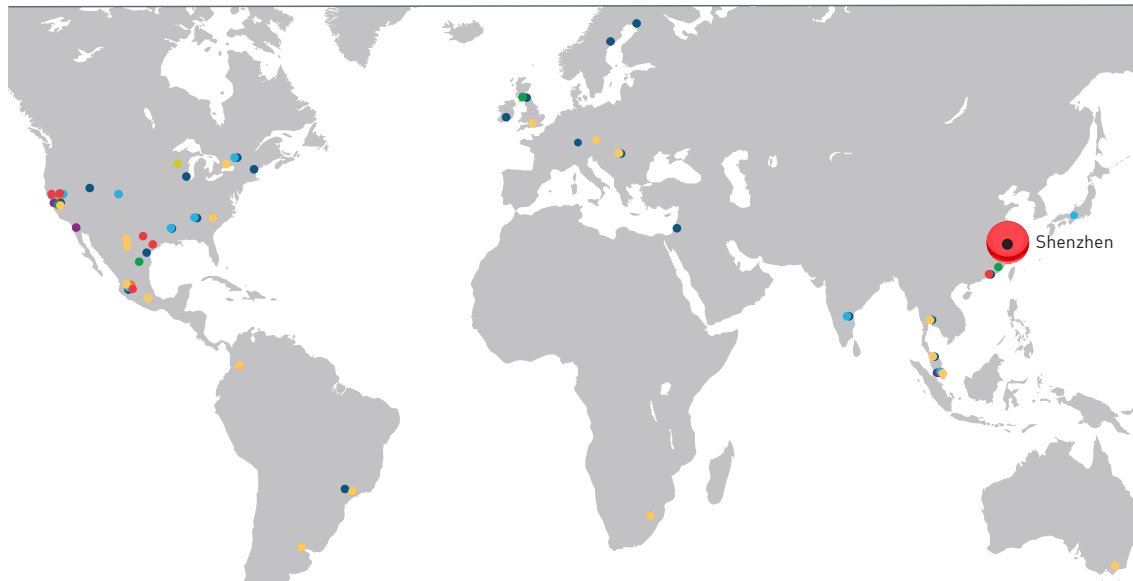
- RoHS, Optical Assembly
- Precision Die Placement
- Active Alignment, Hermetic Sealing
- Laser Welding, Die/Wire Bonding

Logistics Services

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

Certifications

- ISO 9001:2008
- ISO 14001:2004
- TL 9000
- ANSI ESD S20.20



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
- Fremont, CA
- Guadalajara, MX

- Kanata, OT
- San Jose, CA
- 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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