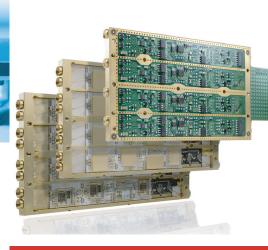


Optical, RF, Microwave, PCBA & System Assembly

Leadership in RF and Optical Design, NPI & Technology



Ottawa, Canada

The Sanmina Ottawa, Canada, facility partners with some of the world's most advanced technology leaders to create complex optical and RF/Microwave products. With experience in Optical, RF and Microelectronics, we provide Product Design and Development, Test Engineering, Process Engineering, and New Product

Introduction (NPI) support for Component, Module and System-Level Applications. We also manage all aspects of product manufacturing, along with implementing product-sustaining and cost-reduction strategies. Sanmina continuously invests in improving our production processes and characterizing key supplier component variations to meet the on-going demands associated with designing and manufacturing state-of-the-art optical and RF microwave products. We've developed a library of design building blocks/models and manufacturing process variations to reduce risk in the product design phase. This allows us to refine our design tools to match production results and enable our simulation models to accurately predict performance and yields before the first prototype is built, speeding time-to-market.

# **Manufacturing Capabilities**

- Precision Automated SMT Assembly with

# **Testing Capabilities**

- RF & Microwave Products
- Turnkey Test Development: End-to-end Test.

# **Engineering Capabilities**

- Full Turnkey Design for Optical, RF and

## **Logistics Services**

#### Certifications

# Sanming Worldwide



# **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

- Huntsville, AL
- · Kanata, ON

  - Guadalajara, MX
- · Singapore, SG

- Carrollton, TX
- · Campinas, BR
- Chennai, IN
- · Gunzenhausen, GR
- · Haukipudas, FI
- · Kanata, ON
- · Kenosha, WI · Kunshan, CN
- Ma'alot, IL
- · Pathum Thani, TH
- · Penang, MY
- Port Glasgow, UK
- · San Jose, CA
- Shenzhen, CN
- · Singapore, SG
- · Tatabanya, HU
- · Revnosa, 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

· Houston, TX

- Newark, CA
- Fremont CA · Shenzhen, CN · Guadalajara, MX
  - · Suzhou, CN

### INTEGRATED MANUFACTURING SERVICES

- · Fermoy, IR
- Guadalajara, MX
- Huntsville, Al.
- · Manchester, NH
- · Örnsköldsvík, SW

- · Salt Lake City, UT

# **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

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