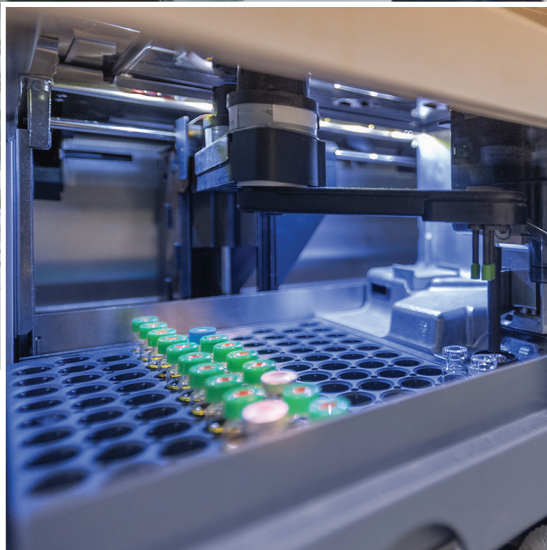




SANMINA

PCBA & System Assembly

End-to-end  
Manufacturing  
Expertise



Penang, Malaysia



The Sanmina Penang, Malaysia, facility offers high-quality electronics manufacturing in a lower-cost region. Our Penang operation specializes in assembling printed circuit boards (PCBs) and integrating complete systems. Whether you need assembly services for set-top boxes, medical products, broadband wireless modems or universal broadband routers, our Penang facility has the technology and capabilities for both high volume and very complex products. Our Penang location can develop advanced manufacturing processes and design test equipment to ensure your product is manufactured to the highest quality standards. It can also build and configure your product to order, deliver directly to your customer and provide support through the entire product life cycle with warranty and repair services.

# Sanmina Worldwide



## Manufacturing Capabilities

- System Build and Integration
- Clean and No-Clean Processes
- Wide Body SMT Line (18 × 20)
- Advanced SMT Processing
- Parts Traceability Systems
- Build-to-Order (BTO)
- Configure-to-Order (CTO)

## Engineering Capabilities

- Process, Test, Quality Engineering
- Plastic/Metal Tooling
- Product Engineering
- DFM/DFT

## Testing Capabilities

- ICT, X-Ray, Hi-Pot Testing
- Burn-In Capability
- AOI, Functional Test
- Flash/EEPROM Programming

## Technologies

- Lead-free Processes
- VHDM Connector Press-fit

## Logistics Services

- Direct Order Fulfillment
- Hub Management
- Vendor-Managed Inventory
- Warranty and Repair Services

## Certifications

- ISO 9001
- ISO 14001
- TL 9000
- ISO 13485



### CABLES

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



### PLASTICS

- Turtle Lake, WI



### 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



### PCB

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



### BACKPLANES

- San Jose, CA
- Guadalajara, MX



### DESIGN CENTERS

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



### MECHANICAL SYSTEMS

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



### 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
- Tatabanya, HU
- Salt Lake City, UT
- Reynosa, MX

## 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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