



SANMINA

PCBA & System Assembly

**RF, PCBA
& Systems
Manufacturing
Expertise**

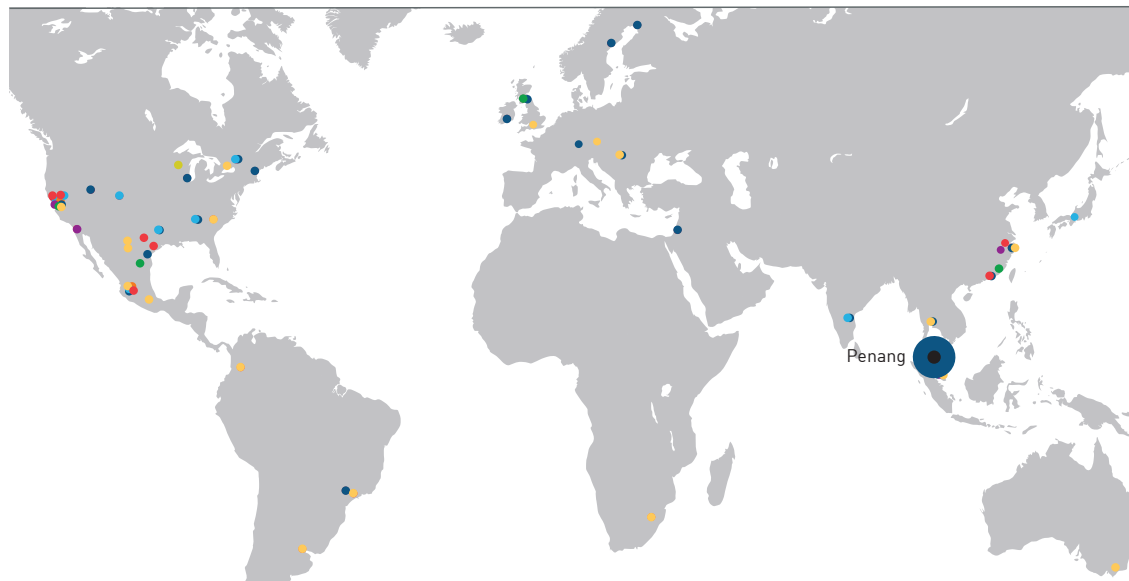


Penang, Malaysia Plant 2



Sanmina's Penang facility provides advanced SMT production, system assembly and test services. The organization has a strong core competence in RF technology, 2-way radios, battery technology and hand-held devices. The engineering team has more than 20 years experience of New Product Introduction and manufacturing process development. Our test engineering team designs test processes and fixtures to optimize efficient operation and test coverage. The site provides end to end supply chain management services for sourcing and procurement. PCBA's are produced on state of the art SMT equipment. Equipment used in PCBA and systems assembly is connected to a cloud Manufacturing Execution System (MES). The MES provides process control, real-time data visibility and traceability.

Sanmina 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
 - 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
 - Örnsköldsvik, 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

Manufacturing Capabilities

- SMT up to 24x27 Inch Boards
- ATEX Capability
- Volume Production
- High & Low Mix

Engineering Capabilities

- Design for Manufacturing
- Lean Six Sigma Program
- Highly Qualified Lean Six Sigma team (2 Certified Master Black Belts, 1 Black Belt and 46 Green Belts)
- NPI
- Test Fixture Design

Testing Capabilities

- RF Test Design
- Test Process Design
- 3D SPI, AOI, AXI, ICT, BSCAN
- Functional Test

Technologies

- 01005 & 45x45mm Square Component
- 0.25 mm Pitch Fine Pitch
- PoP for Flux and Paste
- Thru Hole Capability
- PCB edge Clearance of 0.3mm
- Underfill Technology

Logistics Services

- Direct Order Fulfillment
- Accessories Packing

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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