



SANMINA

Sanmina Global Services(SGS)

Providing Logistics and Repair for Mobile and Telecommunications Products



Penang, Malaysia



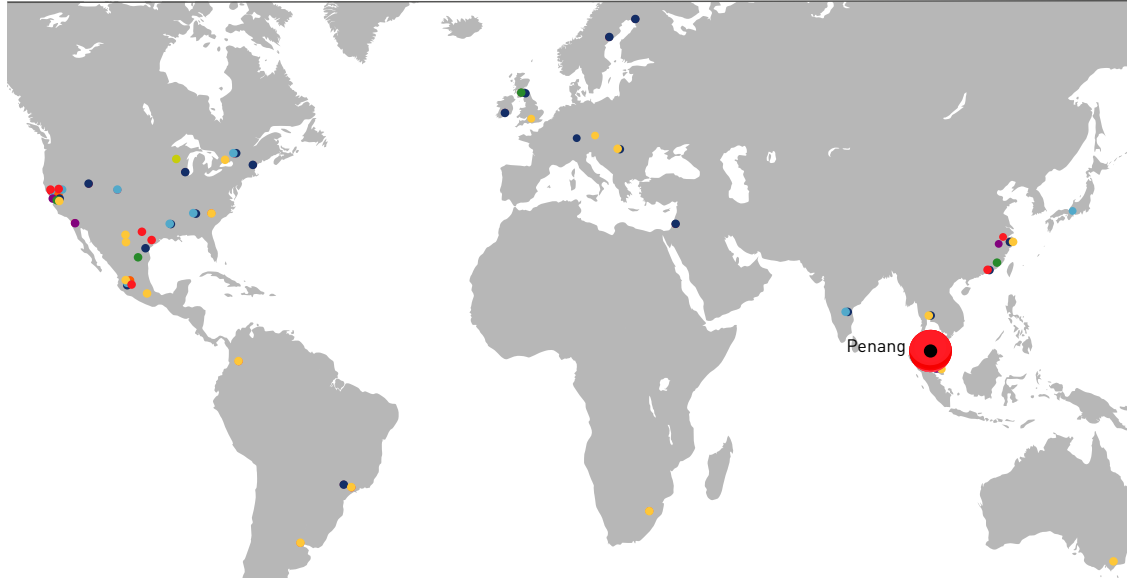
Our Penang, Malaysia facility is strategically located, providing comprehensive forward and reverse logistics for a wide variety of products in Asia. This location offers a range of services including product configuration, software updates, inventory management, returns management, screening, repair and refurbishment — from components to full systems. SGS Penang has

over a decade of experience providing engineering services including test development and complex product debug. With sophisticated capabilities such as high density semi-automated BGA (ball grid array) equipment, we are able to develop and deliver repair processes for the most advanced products and provide these and other services across 12 countries in Asia.

Advanced Logistics and Repair

Sanmina is the premier partner for integrated manufacturing solutions and end-to-end services for Original Equipment Manufacturers (OEMs). Our Sanmina Global Services (SGS) organization enables customers to concentrate on their core business, with Sanmina optimizing their supply chain. Having become one of the world's most advanced logistics and repair organizations, SGS creates value by offering deployment and after-market services, end-of-life solutions and engineering services. With a single global IT system, SGS delivers real-time information and reporting, optimizing supply chain assets and costs for our customers. Our global footprint consists of 28 Sanmina Global Services sites and more than 30 partner-managed locations spanning 38 countries on six continents.

Sanmina Worldwide



Logistics Services

- Direct Order Fulfillment
- Advance Replacements
- Direct Field Returns
- Trade Compliance, Import/Export Control
- Inventory Management

Aftermarket Services

- Triage, Prioritization
- Entitlement/RMA
- Return to Vendor
- System and Test Repair
- PCBA and Component Level Test and Repair
- Product Triage and Screening
- High Density BGA Rework
- Plastic Repairs
- Computer Repair and Configuration Management
- RoHS Compliant Services

Repair Services

- EOL Disposition/Remarketing (WEEE)
- Parts Harvesting, Reclaim and Recycling

Engineering Services

- Value Engineering
- Circuit Analysis
- Developing BGA Rework Processes
- User Documentation Analysis
- Product Tear Down Analysis

Certifications

- SO 9001-2008
- ATEX Certified
- Factory Mutual Certified

- **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
- Tatabanya, 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.

For more information, visit www.sanmina.com.