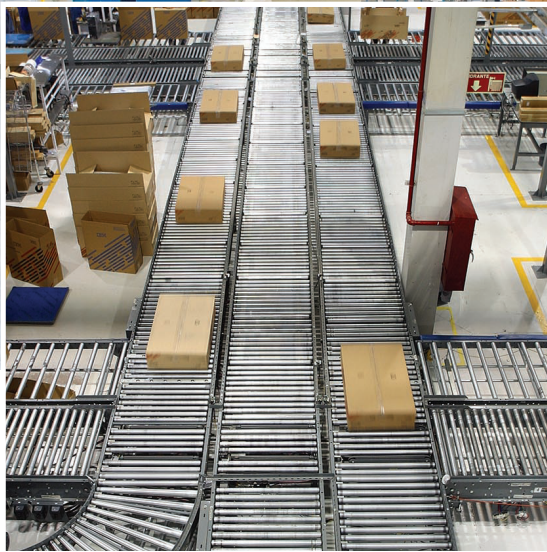




SANMINA

Sanmina Global Services (SGS)

**Quality,
Technology
and Responsive
Service**



Gunzenhausen, Germany



Whether you need printed circuit board assemblies (PCBAs) or systems integration, the Sanmina® Gunzenhausen, Germany, facility delivers the quality, technology and responsiveness you need. Specializing in telecommunications infrastructure products, automotive electronics and components, and

electronics for avionics, defense and industrial applications, our Gunzenhausen facility provides automatic assembly and lead-free manufacturing processes to deliver compliant products that meet your production schedules. Even more, with on-site engineering and prototyping capabilities, our Gunzenhausen facility can help you introduce new products to market and serve as a gateway to lower-cost manufacturing centers around the globe.

Sanmina Worldwide

Logistics Services

- Down to 01005 Devices
- Micro BGAs/CSP
- 0.4-pitch ICs
- CCGA
- Lead-free Qualified
- Automatic Glue Application
- Module/Final Assembly
- Robotic Processes
- Systems Assembly
- Complex BTO/CTO
- Board Cleaning
- Conformal Coating

Engineering Capabilities

- NPI, Prototyping
- DFM, DFT, Redesign
- Automotive PCB Design and Layout

Testing Capabilities

- Test Fixture Setup and Build
- AOI, MDA, ICT, FCT, X-ray
- Boundary Scan

Technologies

- Full Range of SMT Placement
- BGA 0.5-mm Pitch
- 01005 Chip Component
- QFP 0.5 mm (208 Pin Count)
- No-clean Reflow
- Pin in Paste
- RoHS-compliant Processes
- Odd-form Placement
- Paperless Rework Capability

Logistics Services

- Global Order Fulfillment
- PTO
- Warehouse Services
- Repair and Spare Parts
- Reconfigs, Refurbishment and Upgrades

Certifications

- AS9100
- ISO 9001
- ISO 14001
- ISO 50001
- TL 9000
- IATF 16949



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.

©2018 Sanmina Corporation. Sanmina is a trademark or registered trademark in the U.S. and/or other jurisdictions of Sanmina Corporation. All trademarks and registered trademarks are the property of their respective owners. For more information, visit www.sanmina.com.