



SANMINA

PCBA & System Assembly

**Complete
End-to-end
Manufacturing
Solutions**



Gunzenhausen, Germany



The Sanmina Gunzenhausen, Germany facility delivers low-volume, high-mix and volume production services to some of the world's most innovative technology companies. We specialize in avionics, automotive electronics, industrial electronics and components as well as system integration. Our automated assembly

lines and leading edge surface mount processes deliver high quality products. 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. Whether you need printed circuit board assemblies (PCBAs) or systems integration, Sanmina Gunzenhausen is your trusted partner.

Sanmina Worldwide

Manufacturing Capabilities

- PCBA & System Assembly
- SMT Inline
- Wave/Selective Soldering Inline
- Manual THT Assembly
- Leadless and Lead-free Processes
- Module/Final Assembly
- Robotic Processes
- Component Programming
- Glueing, Potting, Dispensing
- Complex Build to Order (BTO)/ Configure to Order (CTO)
- Board Cleaning
- Clean and No-Clean Processes
- Conformal Coating
- Process and Material Traceability System
- Retrofit, Rework, Repair

Engineering Capabilities

- Process, Test, Quality Engineering
- NPI, Prototyping
- DFM, DFT, Redesign
- Project Management

Testing Capabilities

- SPI, AOI, AXI, ACI, 3D XRAY Diagnostic
- ICT, Flying Probe, FCT, Boundary Scan
- System Test, Burn-in
- Test Fixture Setup and Build

Technologies

- SMT Placement (01005 to 74x74mm, 03pitch, odd form placement, laser marking)
- Convection and Vapour Phase Reflow (N2)
- Pin in Paste
- Wave Selective Soldering
- Automation
- RoHS-compliant processes
- UV/Thermal Coating Processes (automated and manual)
- Test Development

Logistics Services

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

Certifications

- AS9100-D
- ISO 9001:2015, ISO 14001:2015, ISO 50001
- TL9000-R6
- IATF16949:2016



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, ON
- 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.

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