



SANMINA

PCBA & System Assembly

Complete PCBA & System Manufacturing Expertise



Haukipudas, Finland



The Sanmina Haukipudas facility offers high-quality, PCBA, systems integration, test system design and development, and New Product Introduction (NPI) for key markets including telecommunications, multi-media, storage, medical, automotive, defense and

commercial aviation. Whether you need assembly, test or top-level integration services for routers, set-top boxes, high-end devices, servers or ATMs, our Haukipudas facility has the expertise and capabilities for complex, high-technology products. We provide end-to-end solutions, including enclosures, and machining. Our highly skilled staff can meet the complex demands of manufacturing today's electronics, such as: 01005 components, ultra-fine-pitch components, PoP, BGAs, wide-body boards, RoHS, clean room assembly, complex RF and optical testing. As an SAQ-ranked 'Low Risk Supplier' and an E-TASC member, we provide complete supply chain management. With superior standards and fast response times, the Sanmina Haukipudas facility offers comprehensive PCBA and system manufacturing services.

Sanmina Worldwide

Manufacturing Capabilities

- Build-to-Order, Configure-to-Order (BTO/CTO)
- Wide Body PCBA Capability
- Clean/No-Clean Processes
- Press-Fit, Fiber Optics Assembly
- Selective Wave Soldering
- Thermal Gel Robot Dispensing
- Depanelizing Router Robot & Laser Cutter
- Ultrasound Welding
- Laser Marking Capability

Engineering Capabilities

- Prototyping
- Dedicated NPI Facility
- Tooling Development
- Component and Process Engineering
- Product, Quality and Test Engineering
- Failure Analysis, DfX (DFT), Metal Workshop

Testing Capabilities

- Test System Development
- 3D SPI, AOI & AXI
- Functional, ICT, Boundary Scan
- ESS and Flying Probe
- Climatic Test Chamber

Technologies

- Flip-Chip, Lead-Free Processes
- µBGA, PGA, LGA and BGA

Logistic Services

- Direct Order Fulfillment
- Warehousing and Distribution
- Post-Manufacturing Repair/Warranty

Certifications

- ISO9001 and TL9000
- ISO14001
- ISO 13485
- AQAP-2110
- ANSI/ESD S20/20 Compliance
- IPC-A-610 Class II & III
- IPC-7711/7721
- IPC-A-620
- IPC-A-600



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
- 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

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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