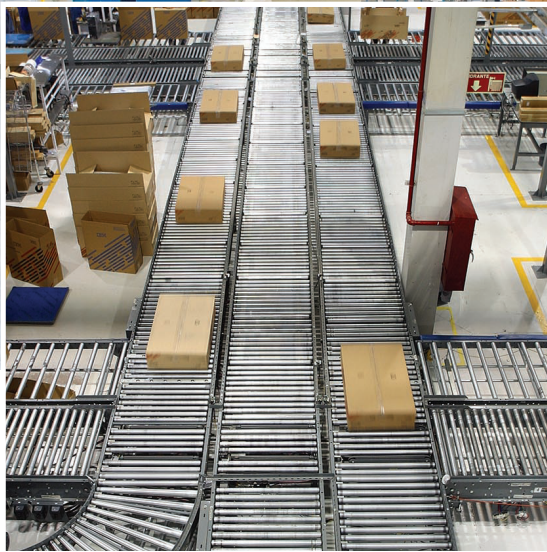




SANMINA

Sanmina Global Services (SGS)

**Design,
Development
and Manufacture of
High-technology
Products**



Haukipudas, Finland



Accelerate your time-to-market with an expert in product development and introduction. The Sanmina® Haukipudas, Finland, facility specializes in the design, development and manufacture of high-technology products for the communications industry, providing you a responsive partner in introducing new products to market. With an on-site engineering staff, our Haukipudas facility can engineer the manufacturing processes and supply chain that will make your manufacturing efficient and cost effective. Even more, the facility supports low-volume manufacturing of high-complexity products, online store order fulfillment and shipments direct to your customer.

Sanmina Worldwide

Logistics Services

- BGA Manufacturing, Inspection and Rework
- High Mix, Low Volume
- 3 Volume SMT Lines
- 1 NPI SMT Line

Engineering Capabilities

- New Product Introduction (NPI)
- Product Design and Development
- 32 Engineers

Testing Capabilities

- AOI
- X-ray
- Boundary scan
- Flying probe
- ICT
- Customized Functional Testing

Technologies

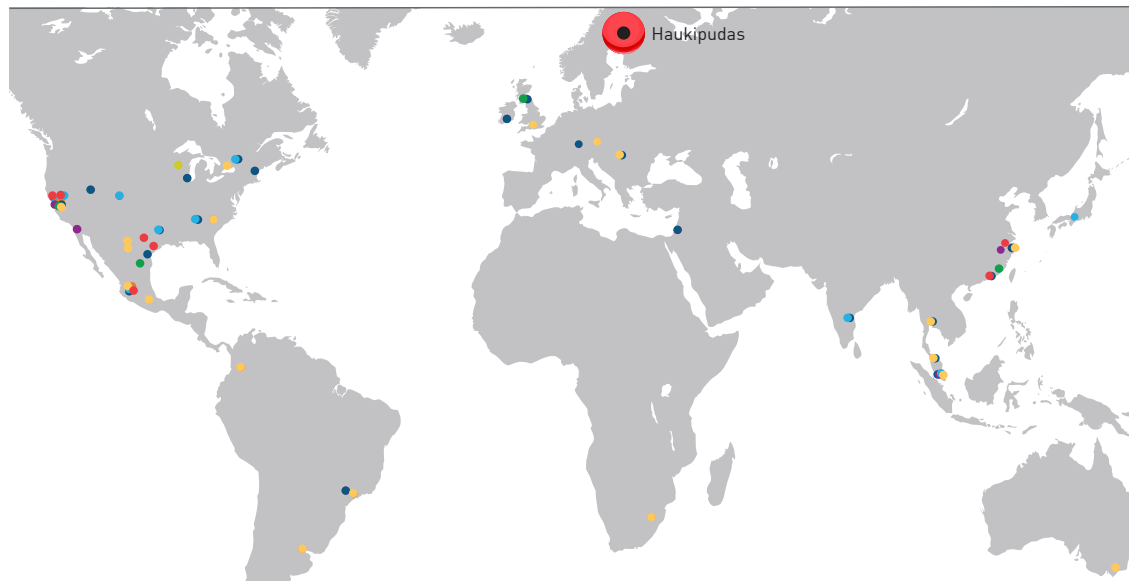
- Lead-free Processes
- 01005 Capability
- µBGA 256, 0.3 mm BGA
- Microvias, OSP
- POP

Logistics Services

- Direct Order Fulfillment
- Hub, Warehousing, SMI
- Repair Services
- Fixed Network-access Products
- Mobile Network Base Stations

Certifications

- ISO 9001:2015 & TL9000:2016-H (R6)/R5.5
- ISO 14001:2015
- ISO 13485:2016 & EN ISO 13485:2016 AQAP 2110 ed D



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
- 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.