



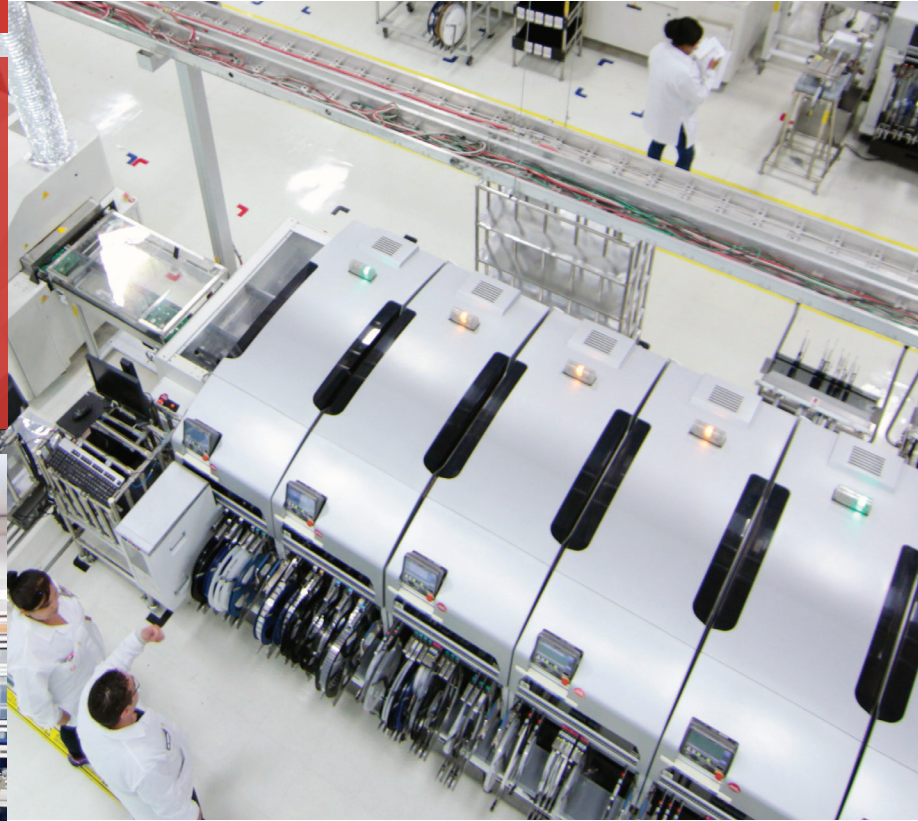
SANMINA

## PCBA & System Assembly

**Reduce Costs and  
Accelerate  
Time-to-market**



## Tatabanya, Hungary



Providing a complete solution for your manufacturing and logistics needs in eastern Europe, the Sanmina Tatabanya, Hungary, facility offers a wide range of manufacturing capabilities for both complex and high-volume products. We provide a full range of New Product Introduction (NPI), manufacturing and test

services to companies in the Communications and Networking, Computing and Storage, Medical, Industrial, Semi-Conductor and Clean Technology sectors. We also provide comprehensive services for supply chain development, component engineering and process development. We manage all aspects of product engineering support during manufacturing, including cost-reduction, redesign when components become obsolete, sustaining engineering and documentation management. With years of manufacturing experience, we provide comprehensive services for a wide range of products and components. Our Tatabanya facility is also conveniently located within an hour of major shipping hubs in eastern Europe for a strategic domestic manufacturing option or a gateway to best-cost countries.

# Sanmina Worldwide

## Manufacturing Capabilities

- Prototype
- New Product Introduction
- System Integration
- High-Mix, Low-to-Medium Volume
- Auto Through-Hole Insertion and Press Fit
- RoHS-Compliant SMT and Thru-Hole
- Conformal Coat/Potting
- OA Wash and No-Clean Solder Processes
- Build-to-Order (BTO)/Configure-to-Order (CTO)

## Engineering Capabilities

- DFM, DFT
- Component, Product, Process and Quality
- Transfer to Lower-Cost Centers

## Testing Capabilities

- Test Plan Strategies and Development
- AOI, 2D/3D X-Ray, ESS, ICT, Boundary Scan
- Functional and System Tests
- RF and Optical Test Ray

## Technologies

- BGA, CGBA, uBGA
- 0201 to 72-mil Placement
- ERS Selective Soldering

## Logistics Services

- International Shipping
- Regional Hub Services
- Warranty/Non-Warranty Support
- Repair/Rework/Upgrade Support

## Certifications

- ISO 9001:2008
- ISO 14001:2004
- TL 9000-H/V R5.0/4.5
- CMDLAS Compliant
- TS 16949:2009



### 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.

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