



MEDICAL MANUFACTURING IN A SAFER, LOWER-RISK ENVIRONMENT.

Manufacturing for the medical industry demands precision and the highest quality standards. With 25 years of medical industry experience, Sanmina provides a comprehensive suite of medical product services with an extensive offering of integrated manufacturing solutions for the entire product life cycle. Our Fermoy, Ireland, facility is FDA registered and certified to ISO 13485:2003 for the manufacture of high-quality PCBAs, subassemblies and complete devices up to and including Class III medical devices. Sanmina Fermoy's core specialization is manufacturing automation. We provide services for the entire product lifecycle from New Product Introduction (NPI), prototyping and process validation to complex volume manufacturing & test, shipping and repair. We create a state-of-the-art environment for manufacturing medical and other high-quality devices. The facility has a track record of 25 years of outstanding operational performance and customer service, backed by a highly experienced workforce. To learn more, visit sanmina.com.

LOGISTICS SERVICES

- Build-to-Order (BTO)
- Configure-to-Order (CTO)
- Direct Ship
- RMA Management

CERTIFICATIONS

- FDA Registered
- ISO 13485:2003
- ISO 9001:2008
- ISO 14001:2004
- Canadian Medical Devices Conformity (CMDCAS)
- TL 9000-H R4.0/4.0

MANUFACTURING CAPABILITIES

- Medical PCBA & Finished Product Assembly & Test
- Single and Double-Sided Intrusive Reflow with Nitrogen Capability
- Selective and PTH Soldering
- Leaded and RoHS Compliant Processes
- Glue Printing
- 2D and 3D Solder Paste Inspection
- Press-Fit Technology
- No-Clean/Water-Wash Processes
- BGA/QFN Placement and Repair
- Two Class 10,000 Clean Rooms with Die-Attach, Wire-Bonding and Spray-Coating Capabilities
- Component Traceability

SUPPLY CHAIN

- Benefit of Global Purchasing
- Dedicated Supply Chain Managers
- Supply Chain & Flexibility Design
- Logistics Distribution
- Cost Reduction and Localization
- Inventory Management

ENGINEERING CAPABILITIES

- NPI/Prototyping
- DfX Support Capabilities
- Process and Test Development
- DMR & ECO Management
- BOM & AVL Services
- Component Selection/Qualification
- RoHS Compliance Certification

TESTING CAPABILITIES

- Flying Probe, X-Ray, Automated Optical Inspection (AOI)
- In-Circuit Test
- Functional Test, Boundary Scan
- ESS, Thermal Cycling, Burn-In Chambers

TECHNOLOGIES

- Multiple PCB Surface Finishes
- COB Wirebond
- No-Clean and Water-Soluble Flux
- Laser Marking
- Laser Welding
- Heat Staking

