



SANMINA

## PCBA and System Assembly Fermoy, Ireland



### Medical Manufacturing in a Safer, Lower-risk Environment

Manufacturing for the medical industry demands precision and the highest quality standards. With 30 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 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 life cycle 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 30 years of outstanding operational performance and customer service, backed by a highly experienced workforce.

#### MANUFACTURING CAPABILITIES

- Medical PCBA & Finished Product Assembly & Test
- Single and Double-Sided Intrusive Reflow with Nitrogen Capability
- Selective and PTH Soldering
- Lead 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
- Three ISO Class 8 Clean rooms
- Component Traceability
- High Volume Automation
- Robotic Aided Assembly
- Medical Process Validation
- Microbiology Laboratory on Site

#### 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

#### TECHNOLOGIES

- Multiple PCB Surface Finishes
- Chip On Board (COB) & Wire bond
- Laser Marking, Laser Welding

- Heat Staking

#### LOGISTICS SERVICES

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

#### CERTIFICATIONS

- ISO 9001
- ISO 13485
- MDSAP
- PDML - Japan Quality Management
- RDC 16/2013 – Brazil's Regulatory Agency [ANVISA]
- FDA Registered
- Korean Ministry FDA

#### ABOUT SANMINA CORPORATION

Sanmina Corporation is a Fortune 500 company and a leading global provider of integrated manufacturing solutions, components, products, repair, logistics and after-market services. 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 communications networks, cloud solutions, medical, defense and aerospace, industrial and automotive segments. Sanmina has facilities strategically located in key regions throughout the world.

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