



SANMINA

# Design & JDM Chai Chee, Singapore



## Leadership in Electronics Product Design

The Sanmina Singapore facility partners with some of the world's most innovative high-technology companies to design a wide range of complex finished electronic systems including medical diagnostic instruments, data center storage solutions and point-of-sale products. With experience in System Architecture, Circuit Design, Software Development, Mechanical Design and System Qualifications, combined with our close proximity to Sanmina's manufacturing and PCB facilities, the Sanmina Singapore facility provides a one-stop solution for design services, quickturn prototyping, New Product Introduction (NPI), manufacturing and sustaining engineering. Our advanced development tools enable efficient design that reduces risk and accelerates time-to-market.

### MANUFACTURING CAPABILITIES

- Full-service, Micro-electronic Assembly and Test
- Complex Optical Assembly, Including Fiber Splicing
- Experience with Complex Connectorization, Custom Packaging, Flex Circuit and Thick-Wide Backplane Technologies
- Precision Automated SMT Assembly: from 0201 to Flip-Chip
- System-Level Integration, Box Build and Test
- Value-Add/Value Engineering (VA/VE) Services

### TESTING CAPABILITIES

- Environmental Stress Test Chambers and Burn-In Facilities
- Comprehensive Test Facilities: 2D/3D X-Ray, Flying Probe (FP), In-Circuit Test (ICT), Advanced Optical Inspection (AOI) and PC TAG/ Boundary Scan
- Product Certification (FCC, UL) Services

### ENGINEERING CAPABILITIES

- Full Turnkey or Joint Design Services for Medical Products and Point-of-Sale Products
- Hardware Design and PCB Layout. High-Speed Simulation

- Software Development: Firmware, Diagnostics and Application Software
- Mechanical Enclosure Design, Moving Mechanism, Structural Analysis
- Reliability Engineering, DFMEA and Risk Analysis

### CERTIFICATIONS

- ISO 13485 Design Certified

### 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.

Sanmina Corporation is an EEO/AA employer ©2024 Sanmina Corporation. All rights reserved. Sanmina® is a registered trademark of Sanmina Corporation.

For more information, visit [www.sanmina.com](http://www.sanmina.com)