

“WiNode” - C-Band TRM for satellite-based SAR



RF EXPERIENCE MAKES THE CRUCIAL DIFFERENCE

Sanmina is known for the quality of its engineering teams, and their ability to collaborate with customers to come up with the optimal system configuration. Sanmina leveraged every advantage of their broad industry experience, combined it with a deeply innovative microwave design to create a fundamentally new, and disruptive, TRM architecture. And, ultimately, providing MDA with the exact solution to their problem.

Kenny James, Principal Engineer MacDonald, Dettwiler and Associates Ltd.

“Without Sanmina, we would not have been able to demonstrate our new SAR concept in such a rapid and cost-effective way. Using our initial TRM design, Sanmina performed the detailed design verification and the complete design for manufacture. They performed the entire build, test, re-work and re-test cycle and delivered sixty working modules in record time. The range of expertise brought to the table by Sanmina was impressive indeed. Their cooperative approach to working with our team enabled us to successfully demonstrate our technology in time and on a tight R&D budget.”

OUR ABILITY TO DELIVER

The WiNode TRM is another successful example of Sanmina’s Optical and Microelectronic Division’s ability to deliver Innovative, Cost Effective Solutions to very Challenging Products.

CUSTOM DESIGN AND MANUFACTURING LEADERSHIP

- Custom products designed to our customer’s specifications
- World-class integrated design, manufacturing and test team
- 20+ years experience in designing custom components, modules and systems for optical, RF and Microwave products

RADAR PRODUCTS

- Focus on innovation, including the design of next-generation radar elements
- Delivering turnkey product designs and documentation
- Volume manufacturing of Transmit/Receive Modules, Column Amplifiers and Switch Matrixes

MANUFACTURING LEADERSHIP

- DfX (Design for Manufacturability, Test ability, Assembly, Reliability) and VAVE (Value Analysis / Value Engineering)
- Complete, global, end-to-end-manufacturing solutions from design to logistics
- Advanced global supply chain management
- Post-manufacturing solutions

CUSTOMER KNOWLEDGE

- Technology leadership in the EMS industry
- Focus on dedicated end markets
- Passion for our customers
- Flexible and proactive

ABOUT SANMINA

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.

More information regarding the company is available at www.sanmina.com.