

AREAS OF SPECIFIC EXPERTISE

- Microwave and Millimeter-wave packaging.
- Transit/ Receive Modules for Radar and Communication Systems
- Modules using Laminates and PCB
- MMIC's and RFIC's
 - Face up and Flip Chips
 - GaAs, GaN, SiGe
- Filters and Multiplexers
- Mixers and Frequency Multipliers
- Step Recovery Multipliers and Comb Generators
- High Power Amplifiers, Low Noise Amplifiers, and Wideband Distributed Amplifiers
- Digital Receivers and Radio systems
- Phase Shifters, Variable Gain Amplifiers
- Embedded Systems Based on Microcontrollers
- Limiters, Switches
- Field Programmable Gate Arrays (FPGA's)
- System Control
- Power Supplies

TECHNICAL DESIGN AND SUPPORT CAPABILITIES

- Design Support
 - Microwave Circuit Design and Simulation
 - 2 1/2-D and 3-D EM Simulation
 - 3-D Mechanical Design
 - Thermal Analysis
 - PCB Design
 - Component-level Test and Development Capabilities
 - System-level Test and Development Capabilities
- Specialized Microwave Test Equipment to Ka-Band and above
 - Vector Network Analyzers
 - Spectrum Analyzers
 - Signal Generators
 - Probe Station
 - Oscilloscopes
 - Noise and Power Test Equipment
- Additional Custom Development and Test Capabilities
According to Specific Customer Needs

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