



Accel-RF 300

Accel-RF specializes in the development, design, and production of accelerated life-test/burn-in test systems for GaN and other RF compound semiconductor devices. These systems are turn-key integrated instruments that provide a cost-effective, high value proposition for device manufacturers, fab-less device suppliers, testing-service providers, original equipment manufacturers, system integrators, and research and development laboratories requiring intrinsic reliability identification, process control validation, specification standard deviation characterization, and product qualification testing. Accel-RF solutions decrease product development time, ensure exceptional reliability, and enhance income opportunities.

858-278-2074; www.accelrf.com

Aeroflex 325

Aeroflex is now Cobham Semiconductor Solutions. The company will be displaying its HiRel standard products -- UT699 LEON 3FT microprocessor, SpaceWire, LVDS, MSI Logic, FPGAs, MUXs, A-to-D converters, voltage regulators and supervisors, and memories, along with JANS diodes, MOSFETs, and transistors. Its RHD Series and RadHard ASICS, along with its electronic manufacturing services, will be featured. Cobham RAD Solutions' radiation testing service capabilities will also be on display.

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Altera 409

Altera programmable solutions enable designers of electronic systems to rapidly and cost effectively innovate, differentiate, and win in their markets. Altera offers FPGAs, SoCs, CPLDs, and complementary technologies such as power management to provide high-value solutions to customers worldwide.

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APIC Corporation 213

APIC Corporation offers turnkey advanced photonic networking solutions, specializing in on-chip integrated photonic-electronic design, integration, and fabrication. Its technology merges photonic integrated circuits with electronic integrated circuit components to produce extremely small and efficient interfaces that control multiple channels of data ("wavelength division multiplexing") over single-mode fiber optics in harsh environments. APIC works in both compound and silicon

semiconductor technologies. In addition, APIC's work in silicon photonics offers unprecedented performance potential. Using on-chip silicon photonics, APIC can create many core processor chips and interconnects with 20x performance and dramatically lower power and latency. These next-generation processor chips have applications in exascale supercomputers and large-scale data centers.

310-642-7975
www.apichip.com

Applied DNA Sciences 317

Precision-engineered SigNature DNA markers elevate the effectiveness of supply chain protection programs by delivering a definitive means for assuring authenticity. When applied at the point of manufacture, SigNature DNA marks are ideal for determining article authenticity. Marks applied downstream can be used to establish provenance and forensic traceability. In situations where using authentic components is essential to health, safety, and mission-critical success, SigNature DNA is the superior choice for ensuring supply chain integrity.

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asicNorth 316

asicNorth is a leading provider of VLSI design, test, and manufacturing services, including RF, analog/mixed signal, and digital expertise. With vast experience in CMOS and BiPolar circuit design and supply, asicNorth has the ability to create a broad range of semiconductor-based solutions. asicNorth offers flexible engagements-- from a single task solution to full turnkey design and supply. The company's expertise includes library and IP development, simulation and verification services, device characterization and qualification, prototype and production test development, and supply chain management. As a fabless supplier, the result is technology selection optimized for cost, performance, risk, and longevity. asicNorth has design centers in Williston VT, Raleigh NC, and Tempe AZ.

www.asicnorth.com