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TEXTRON Systems
aaicorp.com

Automated Test Equipment (ATE)

Economical and high-performance functional test solutions for mission-critical electronic systems for defense, commercial and space applications.



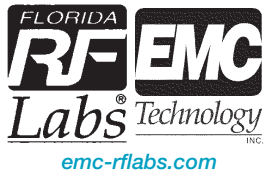
RF & Microwave Thin Film Amplifiers

Open carrier modules, high intercept, monopulse tracking, receive multicouplers; Subsystems / Front ends



Ferrite Components

Circulators, isolators, switches, iso-adapters, filters, combiners, diplexers, terminations, couplers and custom products
SMT, Coaxial, Waveguide • Commercial and Military design



Low & High Power Thin & Thick Film Passive Devices & Cable Assemblies

Smart Load® power sensing terminations, **Thermopad®** temperature variable attenuators from DC to 36 GHz; broadband equalizers from 2 to 18 GHz, ultra-high power small package diamond terminations and resistors from DC to 18 GHz. Resistors, attenuators, terminations (BeO, AL-N, lead-free, remote coaxial); **Hybrix®** couplers and hybrids from DC to over 4 GHz;
RF Coaxial cable assemblies to 50 GHz (flex, semi-rigid, and low-loss)
Military, space, and commercial applications. *Custom engineering solutions*



High-Power RF & Microwave Transistors

Pulsed and CW up to 1500 W per device



Coaxial Passive RF and Microwave Attenuation & Switching Products

Attenuators (fixed, programmable, rotary, custom assemblies)
Terminations (.5W to 1500W)
Switches (SP2T to SP32T, matrix); Power dividers (2-way to 64-way, high isolation)
Custom Integrated Assemblies; Test Systems



RF & Microwave Filters for Military, Wireless, & Commercial Markets

Cavity, Discrete, Waveguide, Tunable, Ceramic, Tubular, Wireless Products
Switched Filter Banks, Filter-based Integrated Microwave Assemblies

(continued on reverse)

(continued from reverse)



RF ALLIANCE
TECHNICAL MARKETING

(continued from reverse)



Broadband RF/Microwave Components

Active Components—Double/Triple Balanced Mixers, Multipliers, Amplifiers
Passive Components—Adapters, Baluns, Bias Tees, Couplers, Filters, Power Dividers



Passive Components for Wireless Infrastructure

Passive components (splitters, couplers, Bias Tees, DC Blocks) for Military and wireless infrastructure and DAS (Distributed Antenna Systems)



RF & Microwave Diodes: Schottky, PIN, Step Recovery, Varactor, and sampling phase detectors; Small signal bipolar transistors, MIS Caps



YIG-Based Components

Oscillators, filters and synthesizers from 2-40 GHz



Logarithmic Amplifiers and Ultra-Low Phase Noise Oscillators

Logarithmic Amplifiers, Digital Phase Detectors, Discriminators, Source-based RF systems & sub-systems, Ultra Low Phase Noise Crystal Oscillators, Phase Locked Dielectric Resonator Oscillators



RF/Microwave Ceramic Capacitors

Ultra Stable • High Q • High Voltage • Low ESR/ESL • Low Noise • High Self Resonance • High Power • Non-Magnetic



• SRI Hermetics

Custom hermetic connectors - D Type (Sub, Micro, Nano)
Custom weldable hermetic packaging solutions (Al, Ti, AlSi, Steel, custom alloys)



Military and Space Components Systems and Subsystems

Frequency Source Products (oscillators, exciters, synthesizers, Integrated Microwave Assemblies (IMA), Ferrite Components and Assemblies

Time and Frequency Systems for Satellite Communications



Low-Noise Timing Modules & Low-Noise Oscillators

Jitter attenuators, frequency translators, clock generators, synchronous Ethernet, SD & HD video timing, Stratum 3

Precision Crystal Oscillators

XO, XTAL, OCXO, TCXO, VCXO, Hi-REL/COTS