

SOFTWARE

	<p>Software for Analog,RFIC,RF and Microwave circuits and systems design. Linear, Non Linear(HB),Transient(HSpice,APLAC),3D planar EM simulator. All simulators engine are embedded in a unique Design Environment</p>
	<p>Commercial EDA software for electromagnetic simulation of 3D planar circuits. Allows to simulate non-homogenous dielectric layers,thick metal and multilayer substrates</p>
	<p>Full 3D EM Solver for modelling of arbitrary composite metallic/dielectric structures, antennas and antennas arrays</p>
	<p>EDA layout software for BGA and Stacked packages,MCM and Hybrid modules,PCB,Flex and Flex-rigid circuits, Lead Frame package. Links to the most common simulation tools such MWO,ADS,CST,ANSOFT</p>
	<p>Mode-matching synthesis and optimization (EM) CAD tool for the complete class of rectangular and circular waveguide networks</p>
	<p>Software for the synthesis of impedance matching networks of high power(class A and class B) and low noise amplifiers</p>
	<p>SYMMIC - Template-Based Thermal Simulator for Monolithic Microwave Integrated Circuits</p>
	<p>CAD translators, high speed viewers and high resolution rasterizers for CAD data bases</p>
	<p>EDA software for acquisition and measurement presentation</p>
	<p>Molecular modelling based on density functional package (ADF) for chemists</p>

RF & MW COMPONENTS, SUBASSEMBLIES AND SUBSYSTEMS

	<p>Silicon on Sapphire Foundry and Design service. Digital isolator for High Speed PCB</p>
	<p>Up to 220 Ghz from standard catalog components to specialized high-performance RF signal generating, amplifying, and conditioning components to fully integrated and customized assemblies and subsystems for digital and analog sensor, communications, and test applications</p>
	<p>Low-cost, high-performance test instruments, test accessories and electrical components for high speed communications and signal integrity applications</p>
	<p>High performance RF and microwave transmission lines for the military, aerospace and telecommunications industry. These products consist of flexible coaxial cable, connectors, accessories and cable assemblies</p>
	<p>RF and Microwave Components and Integrated Microwave Subsystems. They are used in ground based, shipboard, airborne and space-based military applications, as well as the medical and telecommunications fields</p>
	<p>Flat panel, sector, low profile, omni, hemi omni, dipole, helix and broadband antennas for mounting inside or outside on masts, windows, walls, ceilings, UAVs, helicopters, missiles, race cars, TV cameras, weather buoys and satellite</p>
	<p>Rotary joints for radar, air traffic control and satellite communication systems</p>
	<p>RF Coaxial Relays DC to 40 GHz</p>
	<p>OcXO's and TCXO 40 KHz – 40 Mhz, VCXO 40 KHz – 160 Mhz</p>
	<p>Passive components for the Satcom, Wireless and Radar market in both Commercial and Military applications</p>
	<p>Fiber optic transport of RF signals from 3 MHz to 40 GHz</p>
	

PACKAGES AND PCB'S

	<p>Hermetic packages for the protection and interconnection of several types of electronic or photonic chips</p>
	<p>Flexible and Flexible Rigid Printed Circuit Boards .Flex-Ability has applied expertise within the demanding military, medical, aerospace and telecoms industries</p>
	<p>High reliability printed circuits for space, aeronautic and medical industries</p>
	<p>Fluoropolymer Etching Solutions</p>

**TELEMETRY**



Telemetry, Instrumentation and Test Equipment



Ground system architecture segment include telemetry and command processing; spacecraft simulation, testing, and verification; CCSDS and TDM protocols; serial to IP/ATM protocol translation; RF to IP data capture and processing; data archiving and retrieval; and custom encoding and encapsulation

MEASUREMENTS - TESTING - PRODUCTION



Manufacturer and service provider of custom automated test equipment and components for high-frequency, high-powered, complex RF microwave front-ends



UK based company who integrates hardware and software modules to perform open loop active load pull characterization system suitable for high power devices up to 20W @ 40 GHz and 150W @5 GHz



Thermal platform systems for RF & Microwave devices and equipments

<p><b>SYSTEM</b></p>		<p>Rugged LCD display manufacturing technology, servicing the industrial, military and air traffic control industries</p>
		<p>Solutions from board level Tracker Products to fully integrated Turnkey Systems</p>