A Tradition of Excellence Since 1989

Military and Industrial Products from 10 MHz to 40 GHz

Log Amplifiers & SDLVA'S
- Log IF and RF Amplifiers
- Successive Detection Log Video Amplifiers (SDLVA's)

Threshold Detectors
- Ultra Fast <10nS Threshold Detectors
- TTL or ECL Output Logics are Available
- Internally or Externally Adjustable Threshold Levels

Phase Shifters & Modulators
- Analog & Digital High Speed Phase Shifters
- I & Q Vector Modulators / Detectors
- Ultra Fast <10nS Biphase Modulators

Integrated Assemblies & Receiver Front Ends
- Frequency Synthesizers
- Monopulse Comparators
- IFM and Channelized Subsystems
- High Dynamic Range Receiver Front Ends
- Switched Bit Attenuator Array Assemblies
- Level, Scan and Pulse Modulation Modules
- High and Low Band Direction Finding Modules
- Microwave Monitoring Receivers for CW & Pulsed Signals

Limiters & Detectors
- Hard Limiters
- Diode Detectors
- Limiter Detectors
- Directional Detectors
- Linear Amplifier Detectors

Passive & Active Components
- Power Dividers
- Hybrid Couplers
- Directional Couplers
- Dual Directional Couplers
- Pre-Scaler/Frequency Dividers
- Video Buffer Amplifiers
- High Speed Video Amplifiers
- RF Sinewave to TTL Converters
- High Speed TTL & ECL Converters
- Image Reject & Balanced Mixers

Frequency & Polar Discriminators
- Octave & Multi-Octave
- High Speed

Custom Assemblies & Sub-Systems
- RF Oscillator Component Consolidation RF Subsystems

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Screening to MIL-STD 883 Available for All Products
ISO 9001:2000 CERTIFIED

In Pursuit of Excellence Through Engineering Since 1978

Military and Industrial Products from 10 MHz to 40 GHz

SOLID STATE VARIABLE ATTENUATORS
- 10 MHz to 18 GHz
- up to 120 dB Dynamic Range
- Sub-Octave, Octave and Multi-Octave
- Non-Linear Current Control
- Linearized Analog Voltage Control
- Linearized Digitally Programmable Voltage Control
- Up to 12 Bit Digitally Controlled Resolution
- High Speed and Low Speed Models
- Switched Bit Attenuators

DETECTOR LOGARITHMIC VIDEO AMPLIFIERS (DLVA's)
- 10 MHz to 40 GHz
- 45 dB and 70 dB Dynamic Ranges
- All Models are Truly DC-Coupled
- CW and Noise Immunity Models
- Very High Sensitivity Models
- Linear Detector Models
- Miniature Models Available
- Sub-Octave, Octave, Broadband and Ultra-Broadband
- Integrated Supercomponents and Sub-Systems Available

SOLID STATE SWITCHES
- DC to 40 GHz
- SPST Through SP64T
- Sub-Octave Band and Octave Band
- Multi-Octave and Ultra-Broadband
- With and Without Integral Drivers
- TTL, ECL, CMOS and RS422 Control Types
- Rectangular and Radial Mechanical Outlines
- Connectorized and Surface Mount
- High Speed, High Isolation and Low Loss Models
- Variable Rise Time and Other Specialty Switches

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