Professional Technical Sales Organization

TRI-STATE REGION LINE CARD

TeraComm
Test/Measurement and Component Solutions

OPTICAL/COMMS TEST & MEASUREMENT

VIAVI / XSoptix

- Optical Transport Testing (1G/10G/100G/400G/(800G/1.6T+)
- Ethernet compliance and performance testing (field and lab)
- Optical lab testing (sources, meter, filters, spectral impairments)
- Optical production line testing
- Full fiber inspection (bulkheads, patch cords, transceivers, COBO)
- Fiber sensing (stress, strain, temperature)
- Fiber field test (fiber characerization)

COHERENT / XSoptix

- WaveShaper Family (1ch – 16ch, S/C/L band)
- WaveAnalyzer – high resolution spectrum analyzer
- WaveShaper 1000/SP 1 µm Programmable Single-Polarization Filter

YOKOGAWA

- Optical spectrum analyzers / 350nm-5.5um
- Wavelength meters
- Multi Application Test System (MATS) – Grid Tunable Laser, LD, Optical Switches, VOA, Optical Sensor
- OTDR, OTLS

LUNA

- Optical Vector Analyzer (OVA)
- High Resolution Backscatter Reflectometers (OBR)

General Photonics & Newridge Products:

- Polarization Controllers, Scramblers and Analyzers
- PMD & PDL generators and emulators
- OFDR-1000 Hi-Resolution Reflectometer

ZEPREN Solutions / XSoptix

- High resolution optical spectrum analyzer 10 MHz & dynamic range > 80dB, O, C, C+L, L Band
- Option 230 – Measure spectrally-resolved state of polarization
- BOSA Lite with 20 MHz & > 80 dB dynamic range

SHF Communication Technologies AG

- NRZ & PAM Pattern Generators up to 128 GBaud (256 Gbps) per Channel
- Error Analyzers up to 128 Gbps NRZ and 58 GBaud PAM4
- Arbitrary Waveform Generators up to 60 GSa/s
- Multiplexers (MUX) & Demultiplexers (DEMUX) up to 128 Gbps
- Digital-to-Analog Converters (DAC) up to 128 GBaud (256 Gbps)

Proximion

- Dispersion Compensation Modules (DCM)
  - Continuous Band - High DCM - Residual Slope
- Low Cost DC Patch Cords
- Dispersion Emulation Modules
  - Up tp 250,000ps/nm
  - C or L band
  - Low loss, no latency

BRISTOL INSTRUMENTS

- Wavelength Meters – fastest on the market
- Laser Spectrum Analyzers

InLine Photonics / XSoptix

- Innovative & Cost Effective Fiberoptic Test Solutions
- High Speed PER Meter
- PER Measurement for Bare PM Fiber
- Linear Polarization Maximizer/Generator
- Optical Signal Processing Platform

IDPHOTONICS / XSoptix

- Optical Multi-Format Transmitter & Automatic Mach Zehnder BIAS Control
- Tunable lasers for C, L, C+L bands with narrow line widths
- Polarization maintaining multiplexer
- Optical DWDM decorrelator for XPoIM and Coherent systems testing
- Low Cost Optical Spectrum Analyzer

NUPHOTON TECHNOLOGIES / XSoptix

- Fiber Lasers – CW and Pulsed: Green, 1064nm, 1550nm and 2000nm
- Amplifiers – CW and Pulsed: 1064nm, C&L Band (SM, PM), 2000nm
- Broadband Sources – 1064nm, ASE, Raman, 2000nm

TeraComm *Provider of state of the art component, test and custom solutions.*

CORPORATE OFFICE

TeraComm, LLC
800 Village Walk, #296
Guilford, CT 06437
203.672.5943
www.teracomm.com

REGIONAL SALES

New England
Upstate NY
Tri-State (NY, NJ, PA)
Mid Atlantic
Southeast
Central US
West Coast

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TeraComm
Test/Measurement and Component Solutions

COMPONENTS

COHERENT / XSoptix

- 40-100GHz PDs & Receivers, Single and Balanced
- Coherent optics - IC-TROSA
- Optical Transceivers
- Wavelength Management Components (ROADMS, WSS)

sercalo microtechnology ltd / XSoptix

- Optical MEMS switches and VOAs
- Switches: SM, MM, 1xN and MxN
- 2-D Galvanometers

Cristal Laser / XSoptix

- Non-Linear optics - LBO, KTP, KTA, RTP Crystals
- Electro-optics – RTP: Pockels Cells, Pairs, Modulator

Coastal Connections

- Fiber optic cables, pigtails and terminations, (SM, MM, PM)
- Harsh Environments/Space and Military grade
- Vacuum Feedthrough and Low Outgassing Cables/Assemblies
- Custom Assemblies and Services (Polishing, connectorization, Splicing and Analysis)

TOPTICA EAGLEYARD / XSoptix

- High-power laser diodes
- Wavelengths range 630 nm to 1120 nm
- Broad Area Laser, Tapered Laser, Ridge Waveguide
- Laser/Fabry Perot Laser, DFB/DBR Laser

G&H / XSoptix

- Fiber-Q™ Modulators and Drivers
- DFB Lasers and Modules
- Fiber Coupled Pump Laser
- Fused Fiber Optic Components

LUNA

- Highly Linear and Low Noise Tunable Laser
- Fiber Fabry-Perot Tunable Filters

General Photonics Products:

- Polarization Control, Scramble and Tracker Modules
- Polarization Switch and State Generator modules
- OCT modules and components (MDL, PD, Couplers etc.)
- Fiber Coils for FOG applications

Rio Products:

- Ultra-narrow linewidth laser diodes & modules
- 1550nm & 1064nm, up to 2W power, PM/SM fiber
- CW & FM modulation (up to 200 MHz)
- Low noise, high stability, highest reliability

SHF Communication Technologies AG

- Broadband RF & Microwave Amplifiers up to 67GHz
- RF Switches, Filter and Attenuators
- Frequency Dividers & Multipliers
- Bias Tees and DC Blocks up to 110 GHz
- RF & Microwave Connectors and Cables up to 110

MACOM *Formerly Linear Photonics*

- RF-over-Fiber Experts
- 50 GHz PDs, Analog Fiber Optic Links
- Antenna Remoting range

exail / XSoptix

- LiNb03 Modulators: Phase, Intensity and Polarization
- Switches and Scramblers up to 40GHz, 780nm - 2µm
- Modulator Drivers and Bias Controllers
- Reference/Analog Optical Transmitters
- Sub-nanosecond Optical Pulse Shapers

Kylia Products:

- Delay Lines Interferometers
- 90° optical hybrids, Variable Optical Delay Line
- DWDM and Modal Mux/Demux
- Optical Switches. Custom optical assembly

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TeraComm
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DIGITAL, ELECTRICAL & RF/µwave TEST

introspect technology

XSoptix

- SerDes Tester and BERT Functions, Pattern Generator Functions - 8 or 32 lanes, up to 32 Gbps NRZ & 56 Gbps PAM4, handheld form-factor, USB Controlled, Software- Defined
- Test Solutions for: DDR4/DDR5 Memory Interfaces, PCIe, MIPI , Display Port and I3C
- MIPI DSI and DSI-2 Protocol Analyzer
- MIPI D-PHY and C-PHY Frame Grabbers

nicslab

XSoptix

- Smart Power for optical components
- Multi-channel Voltage/Current sources
- Channel Counts from 8 to 120 channels

SHF Communication Technologies AG
the bandwidth company

- Arbitrary Waveform Generators up to 60 GSa/s
- Synthesized Signal Generators (Synthesizers) up to 67 GHz
- Clock Distribution Instruments
- NRZ & PAM Pattern Generators up to 128 GBaud (256 Gbps) per Channel
- Error Analyzers up to 64 Gbps NRZ and 58 GBaud PAM4
- Arbitrary Waveform Generators up to 60 GSa/s
- Multiplexers (MUX) & Demultiplexers (DEMUX) up to 128 Gbps
- Digital-to-Analog Converters (DAC) up to 128 GBaud (256 Gbps) GHz

JTAG TECHNOLOGIE

- Expert in Boundary Scan Test and Programming solutions
- 1149.1 and 1149.6 analog support
- PXI, Ethernet and USB Controllers

LadyBug TECHNOLOGIES LLC

- USB RF Power Sensors (CW, Pulsed)
- 9 kHz to 50 GHz
- Fast (2,000 rdgs/sec), no-zero, no-cal

arroyo instruments

XSoptix

- Laser diode controllers
- Highly accurate laser diode drivers
- Temperature controllers

CUSTOM SOLUTIONS / SERVICES

XSoptix

- Authorized US Distributor and Reseller
- XS logo indicates product availability via XSoptix, LLC

LUNA

- Offering manufacturing Services for Passive and Active Fiberoptic Assemblies
- FOG Coil Design and Manufacturing Services

Coastal Connections

- Fiberoptic cables, pigtails and terminations, (SM, MM, PM)
- Harsh Environments/Space and Military grade
- Vacuum Feedthrough and Low Outgassing Cables/Assemblies
- Custom Assemblies and Services (Polishing, connectorization, Splicing and Analysis)

NUPHOTON TECHNOLOGIES

- Custom solutions for Fiber Lasers, Optical Amplifiers & ASE sources
- Specializing in Harsh Environments (SubSea, Space)
- Expertise from 1064nm – 2µm

MACOM® *Formerly Linear Photonics*

- Custom RF over Fiber Solutions
- Examples include custom components, modules, and systems, customized functions, OEM products, and unique packaging for unusual footprint, small size, low power, outdoor environments, and harsh environments

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