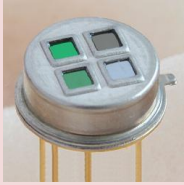


YOUR ONE-STOP SOURCE FOR KEY COMPONENTS

SENSORS & DETECTORS

UV Photodiodes – Silicon Carbide (SiC) and Gallium Phosphide (GaP) UV photodiodes from *IFW GmbH* and *Genicom*, with integrated filters and amplifiers.

UV, X-Ray & Photon Diamond Detectors – CVD diamond detectors from *Diamond Detectors Ltd.*



Thermopile Detectors – High performance thermopile detectors from *Micro-Hybrid Electronics GmbH*, including single and multi channel detectors, arrays and high temperature systems (180°C).

Pyroelectric Detectors – High performance pyroelectric Detectors from *Micro-Hybrid Electronics GmbH*, including multi channel detectors and high temperature system (180°C).

Compact Spectrometers – Spectral measurement systems, from individual point spectrometers to space-resolved spectral analysis, from *inno-spec GmbH*.

UV-NIR Spectrometer Photodiodes – Hybrid photodiodes with UV and NIR sensors from *IFW GmbH*.

Quadrant Silicon Photodiodes – from *IFW GmbH*.

Bio and Chemical Sensors – CVD diamond detectors from *Diamond Detectors Ltd.*

AMPLIFIERS FOR SIGNAL RECOVERY

Current, Voltage & Lock-In Amplifiers

– Compact, ultra low noise current, voltage and lock-in amplifiers from *FEMTO Messtechnik GmbH*.



Photoreceiver Modules – Standard and custom Si & InGaAs photodiodes combined with ultra low noise amplifiers into one module from *FEMTO*.

LASER DIODE MODULES AND SOURCES

Laser diode modules – Laser modules at most wavelengths from 365nm to 2000nm; standard & custom modules with optional Optics and TE Cooling, from *IMM Photonics GmbH*.



Fiber optic Laser Diodes, Receivers and Accessories – Custom components including fiber duplex and triplex modules from *IMM Photonics*.

Pulsed IR Sources – Modulation rates up to 100Hz and high extinction ratios, from *Intex*.

INTERFERENCE FILTERS, OPTICS & COATINGS, CO2 LASER MIRRORS

Infrared Filters – Durable infrared (IR) filters from *Northumbria Optical Coatings (NOC)* and *Multi IR Optoelectronics Co Ltd.*. Narrow and wide bandpass, long and short wave pass filters; AR coatings for 2um to 20 um; Ultraviolet (UV) filters.

CO₂ Reflective Mirrors – laser quality mirrors from *Laser Beam Products* with extremely high damage threshold gold coatings, ideally suited for CO₂ and other high power laser applications; High quality optics for CO₂ and other high power laser applications.

KD*P, ADP & Lithium Niobate Optics – Electro optical components made of KD*P, ADP & lithium niobate from *Leysop Ltd.*

Beam Shapers for Lasers – Beam Shapers from *Wavelength Technology* change Gaussian profiles to Top Hat shape.

Beam Expanders for Lasers – from *Wavelength Technology*.

Optical Grade Sapphire & Germanium -- Windows and filters for Infrared applications from *Importec*.

I_{IIa} & CVD Diamonds – Low nitrogen I_{IIa} natural and CVD diamonds with enhanced optical and thermal properties from *Diamond Detectors Ltd.* and *UralAlmazinvest*.

Laser Collimator Optics – from *IMM Photonics*.

Low Refractive Index Coatings and Adhesives – from *MY Photonics Ltd.*

Biocompatible Coatings – High temperature biocompatible coatings from *Intex*.



HIGH VOLTAGE DRIVERS, MODULATORS, AND PULSE GENERATORS

High Voltage Modulator Drivers – Outputs up to 5000V; Step generator with minimum pulse widths of 10 ns; from *Leysop Ltd.* and *SDS*.

Electro Optical Modulators, Q-switches and Pockels Cells – Low voltage - High speed devices up to 2 GHz; High speed and miniature Q-switches and Pockels cells; from *Leysop Ltd.*

Attenuators, Faraday Optical Isolators/Rotators, and Polarizers – High power laser attenuators, Faraday isolators and Glan-Taylor and Glan-Thompson polarizers from *Leysop Ltd.*



ELECTRO OPTICAL ACCESSORIES

Fiber Fault Locators – fiber testing devices from *IMM Photonics GmbH*.

SMT Laser Diode Drivers – from *IMM Photonics*.

Fiber Combiners and Splitters – Multiple fibers combined into one from *IMM Photonics*.

Choppers – Precision beam choppers from *Oehler & Fischer*.



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