NEWS RELEASE

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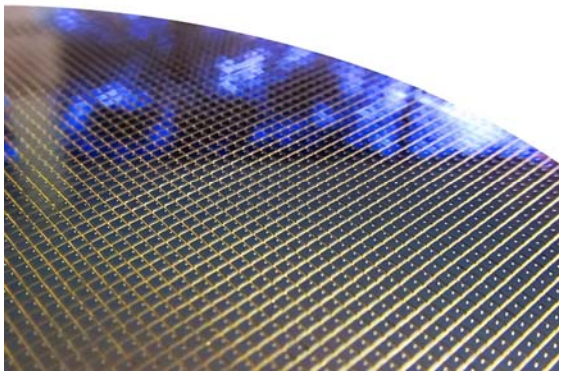
For Immediate Release

Opto Diode Introduces Family of Near-Infrared Detectors

CAMARILLO, CA - January 12, 2016 - Opto Diode Corporation, an ITW company**,** introduces the **NXIR** family of photodiodes, designed specifically for back-facet laser-monitoring applications that require improved performance in the near-infrared (NIR) spectrum from 700 nm to 1100 nm. The new NXIR product line expands the company's popular high performance SXUV and UVG photodiode series designed to maximize measurement repeatability and reliability in high-powered UV laser-monitoring systems with affordable products optimized for near-infrared wavebands.



The **NXIR-RF36** and **NXIR-RF70** near-IR / red-enhanced models offer reduced footprints and are ideally suited for integration with semiconductor lasers notably, Fabry-Perot (FP), distributed feedback (DFB), and vertical-cavity surface-emitting lasers (VCSELs). The new devices have high responsivity of 0.65 A/W @ 850 nm, low capacitance of 5 pico-farads (pF) at 0 volts, and high shunt resistance, greater than 200 MΩ. The NXIR-RF36 has an active area of 0.36 mm^2; the NXIR-RF70 has an active area of 0.70 mm^2. The detectors are available in either waffle pack or dicing tape for high-volume shipments.

Opto Diode's third device in the series, the **NXIR-5W,** is optimal for high-power-laser monitoring that requires higher responsivity in the NIR spectrum. It can be utilized with YAG lasers used in biological, dental, and medical equipment, plus fluid dynamics, manufacturing, and military applications. The NXIR-5W has high responsivity at 1064 nm with low reverse bias voltage of 10V. Other features include high responsivity of 0.45 A/W at 1064 nm, low dark current of 1nA, and low capacitance of 10 pF. The NXIR-5W is available in a hermetically-sealed, standard two-lead TO-5 package.

For more information on the NXIR series of photodetectors or for volume pricing quotes, please contact: sales@optodiode.com.

Opto Diode Corporation (Camarillo, CA - www.optodiode.com), an ITW Company, delivers industry-leading sensors, photodiodes, IR detectors, photonic modules, assemblies, and LEDs. Available in standard and custom designs, Opto Diode products have earned a reputation for high performance, superior quality and reliability for over 30 years. Opto Diode offers advanced performance sensors from the extreme ultraviolet (UV) to the mid-infrared (mid-IR). Our products provide unparalleled high-energy particle, electron, X-ray, and UV detection along with superior sensitivity to discriminate trace gases or detect heat, sparks, or flames in the mid-IR spectrum. Other products include high performance LEDs with radiometric emissions from 365 to 940 nm and IR emitters covering 1 to 10 microns.

Opto Diode serves a variety of industries including aerospace, automotive, biotechnology, food processing, medical, military/defense, industrial, semiconductor equipment manufacturing, and test & measurement. Our manufacturing process is in a cleanroom environment, from start to finish. Opto Diode's domestic U.S. facility is optimized for design and manufacturing with an on-site wafer fabrication, class 1,000 to class 10,000 clean rooms, extensive assembly capabilities and packaging expertise. From prototyping to high-volume production, we manufacture wafers-to-components then package and assemble photonic modules-to-optoelectronic sub-systems. For more information, visit www.optodiode.com.

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