

# NEWSRELEASE

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## OPTO DIODE CORPORATION

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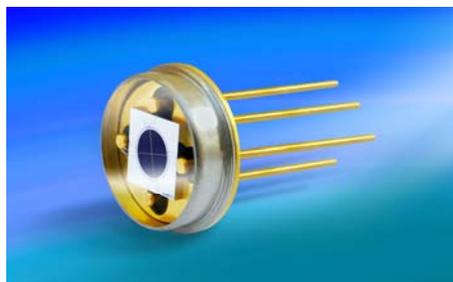
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*For Immediate Release*

## Opto Diode's New Quadrant Photodiode 5 mm<sup>2</sup> – SXUVPS4C

**November 18, 2013 – Newbury Park, CA – Opto Diode ([www.optodiode.com](http://www.optodiode.com)),** a division of ITW, and a member of the **ITW Photonics Group**, introduces the SXUVPS4C, a quadrant photodiode with a 5 mm<sup>2</sup> active area in each quadrant. The new device is the first of two new SXUV multi-element photodiodes to be introduced.



The convenient TO-5 windowless package features a 5-pin header, making it easy to integrate into new or existing systems. With light responsivity from 1 to 1000 nm and a shunt resistance of 100 Mohms, the new quadrant photodiode is ideal for 2 axes-positional-centering applications for lasers in the 13.5 nm to 200 nm wavelength range. The proven stability over time and high-power, short wavelength applications ensure stable responsivity over years, for the typical application.

Operating and storage temperatures range from -10 degrees C to 40 degrees C (ambient) and from -20 degrees C to 80 degrees C (in nitrogen or vacuum conditions). The maximum junction temperature is 70 degrees C and the lead-soldering temperature is 260 degrees C at 0.080 in. from the case for 10 seconds.

Opto Diode's new SXUVPS4C quadrant photodiodes are available for shipping now. For more information about Opto Diode's new SXUV detector series, please go to: <http://optodiode.com/pdf/SXUVPS4.pdf>.

**Opto Diode Corporation** ([www.optodiode.com](http://www.optodiode.com)) based in Newbury Park, California, is a member of the ITW Photonics Group, delivering high-performance, standard and custom photodetectors, and reliable, high quality, standard and custom infrared and visible LEDs. The company, with the recent acquisition of International Radiation Detectors, also designs and manufactures semiconductor radiation devices that detect photons in the UV range, X-rays, and other high energy particles. The domestic U. S. manufacturing plant includes a wafer fab and ensures delivery of volume quantities at competitive prices with short lead times. Opto Diode's rigorous quality control standards meet their customer's strictest requirements in a variety of industries, including test & measurement, biotechnology, medical, entertainment, military/defense, industrial, aerospace, automotive, R&D and more.

**About *ITW* Photonics Group:** ITW, a diversified manufacturer of advanced industrial technology, has brought together three of its photonics business units to form the ITW Photonics Group. The ITW Photonics Group was created to bring together and build on the technical expertise of three individual companies that specialize in photonics technology and span the full spectrum of wavelengths. The group consists of Lumex (LED and LCD technology, headquarters in Palatine, IL and Taiwan), Cal Sensors (IR detector and emitter technology, based in Santa Rosa, CA) and Opto Diode (LED, silicon photodiodes and electro-optical assembly technology, based in Newbury Park, CA).

The synergy of these industry frontrunners provides an unsurpassed range of photonic capabilities within a broad spectrum of markets, including medical, military and industrial controls. The ITW Photonics Group provides integrated solutions that encompass the technology and experience from all three business units, offering design engineers higher product performance with greater feature enhancements. For more information on the ITW Photonics Group, log onto: [www.itwphotonicsgroup.com](http://www.itwphotonicsgroup.com).

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