

NEWSRELEASE

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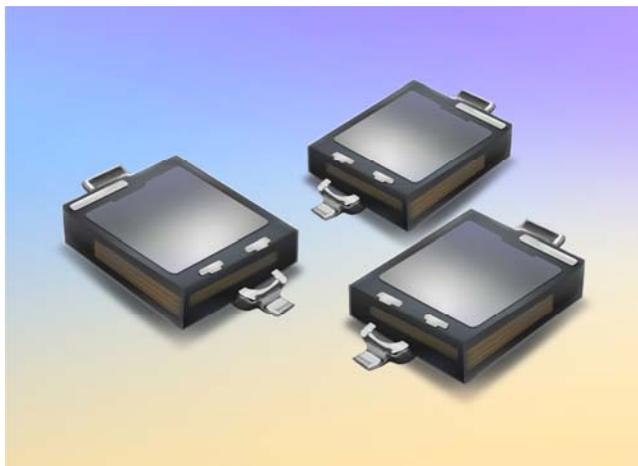
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For Immediate Release

Opto Diode Introduces Surface Mount Photodiode

July 23, 2012 – Newbury Park, CA – Opto Diode (www.optodiode.com), a division of ITW, and a member of the **ITW Photonics Group**, announces the second in the series of surface mount photodiodes, the ODD-900-002. With high sensitivity and short switching time, the low capacitance photodiode is ideal for use in a variety of medical diagnostic applications.

The surface-mount packaging allows for easy and convenient integration into new or existing systems. The device operates in the spectral bandwidth from 400 (min.) to 1100 (max.) nm, with a peak sensitivity of 940 nm. Typical responsivity is at 0.44 A/W with typical reverse dark current at 5 nA and total capacitance, typically at 25 pF.



Robust and flexible, the ODD-900-002 operating temperatures range from -25 degrees C to +85 degrees C. The device can be stored at temperatures ranging from -40 degrees C to +85 degrees C for added convenience. Similar to the recently introduced ODD-900-001 Surface Mount Photodiode with Daylight Filter, the new ODD-900-002 photodiode's power dissipation is 150mW at (or below) 25 degrees C (free air temperature). Both new devices also feature a soldering temperature of 260 degrees C (soldering time is 5 seconds, maximum).

Opto Diode's new surface mount photodiodes are available now and priced at \$1.05 per 1000 (minimum order of 1000). For more information, please visit: http://www.optodiode.com/pro_07.html.

Opto Diode Corporation (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.

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