

NEWSRELEASE

OPTO DIODE CORPORATION

A Division of ITW
750 Mitchell Road, Newbury Park, CA 91320
Contact: Russell Dahl, General Manager
Phone: 805-499-0335 x312
Fax: 805-499-8108
E-mail: rusdahl@optodiode.com
Web Site: www.optodiode.com

Media Contact: Marlene Moore
Smith Miller Moore, Inc.
Phone: 818-708-1704
Email: marlene@smithmillermoore.com

For Immediate Release

Opto Diode Introduces Surface Mount Photodiode with Daylight Filter

July 13, 2012 – Newbury Park, CA – Opto Diode (www.optodiode.com), a division of ITW, and a member of the **ITW Photonics Group**, introduces the ODD-900-001, a surface-mount photodiode with a daylight filter. The new photodiode offers low capacitance and short switching time in a surface-mount package, making it ideally suited for industrial photoelectric control applications.

It features high sensitivity ranging from 730 nm to 1100 nm spectral range, with peak sensitivity at 940 nm. The electro-optical characteristics at 25 degrees C offer typical responsivity of 0.44 A/W, typical reverse dark current at 5 nA, total capacitance at 25 pF, and typical rise/fall times of 50/50 nSecs.



Opto Diode's new ODD-900-001 with daylight filter is highly durable and designed for use in a wide variety of industrial detection tasks. It operates from -25 C degrees to +85 degrees C; the storage temperature range is between -40 degrees C and +85 degrees C. Power dissipation is 150mW at (or below) 25 degrees C (free air temperature). Reliable and rugged, the new device also features a soldering temperature of 260 degrees C (soldering time is 5 seconds, maximum).

Available for shipping now, Opto Diode's new daylight filter surface mount photodiodes are 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.

#