NEWS RELEASE

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For Immediate Release

Opto Diode Provides Advanced Ultraviolet and Extreme Ultraviolet Photodiodes with High Stability

October 24, 2011 – Newbury Park, CA – Opto Diode (www.optodiode.com), a division of ITW**,** and a member of the ITW Photonics Group, offers semiconductor radiation sensors for detecting photons and other particles. With the recent acquisition of International Radiation Detectors (IRD), the company's new product line includes the **IRD SXUV 100 Ultraviolet/Extreme Ultraviolet (UV/EUV) Photodiodes**. The advanced photon detectors feature very high radiation hardness and are designed for long-lifetime operation in high particle flux environments with no loss of responsivity.

The IRD SXUV 100 photodiodes have a 10 mm x 10 mm square active area (100 mm²). The nitrided metal silicide front window of the diode permits operation without loss of performance in high humidity and other environmental conditions that normally require sealed packages. Diodes with single active areas are available from 1 to 576 mm²; quadrant diodes with several central openings may also be specified.

Tested to rigorous standards, the IRD SXUV 100 photodiode revealed no observable responsivity loss after exposure to billions of 157 and 193 nm pulses and exposure to 8 W/cm^2 of CW 248 nm laser irradiance for three weeks.

Opto Diode's advanced sensor technology devices feature unparalleled quantum efficiency stability and have been successfully used in both European SOHO and Coronas-Photon projects and in American SNOE, SORCE, GOES, TIMED and EOS solar space instrumentation. Ideal for applications that require extreme stability for the detection of vacuum ultraviolet and extreme ultraviolet photons, the IRD SXUV 100 silicon photodiodes are in-stock and are available now.

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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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