

NEWS RELEASE

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FOR IMMEDIATE RELEASE

Opto Diode Introduces New, Blue/Green Enhanced Silicon Photodiode Preamplifier



October 23, 2008 – Newbury Park, CA – Opto Diode Corporation, a global supplier of advanced performance photodiodes and highly reliable, visible and IR LEDs, introduces the new, **6 mm² Photodiode-Preamplifier ODA-6WB-500M**. Featuring extremely low noise, high sensitivity and a large active area, the newest combination device is the third in the family of blue/green enhanced photodiode-preamplifiers. With sensitivity response at 450 nm, typically 140 V/ μ W (min. 100), the detector operates between 400 nm and 1100 nm, with peak spectral frequency at 940 nm. The ODA-6WB-500M features a transimpedance gain of 500 Mohm, with custom gains also available upon customer request. Opto Diode's preamp combo is ideal for fluorescence detection and low-light-level medical diagnostic applications.

Hermetically sealed in a standard TO-39 housing, the new photodetector-preamplifier combo is easy to integrate into your current system or can be quickly adapted to a custom configuration. Storage and operating temperatures range from minus 25 degrees to 100 degrees C and withstand a soldering temperature (1/16 inch from the case for 3 seconds maximum) up to 260 degrees C. The new blue enhanced detector preamps are affordably priced at \$44.80 in quantities of 100 units.

All Opto Diode photodetector and LED products are manufactured domestically at their Southern California facility. The on-site wafer fab and stringent quality control standards ensure highly reliable products and quick delivery times. For more information on Opto Diode's large product line of photodiodes, chips and arrays, and their visible and infrared LEDs, please visit: www.optodiode.com.

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Opto Diode Corporation (www.optodiode.com), based in Newbury Park, California, delivers high-performance, standard and custom photodetectors, and reliable, high quality infrared LEDs and visible LEDs. The company's 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.