

NEWS RELEASE

OPTO DIODE CORPORATION

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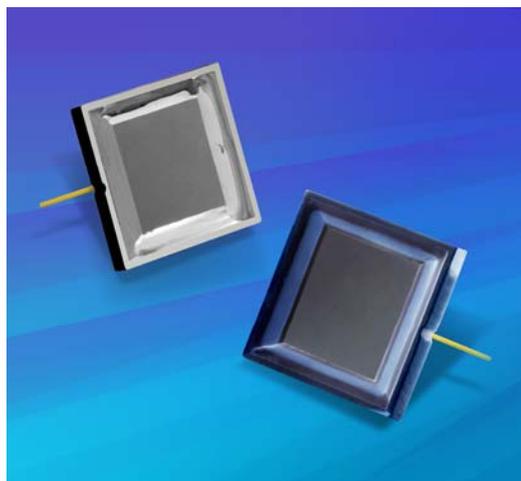
For Immediate Release

Opto Diode Announces Extreme Ultraviolet, Directly-Deposited Thin-Film Filter Photodiodes for Scientific Applications

CAMARILLO, Calif. - July 18, 2018 - Opto Diode Corporation, an ITW company, introduces two photodetectors, the **AXUV100TF030** and **AXUV100TF400**, with 100 mm² active areas and directly deposited thin-film filters for extreme ultraviolet (EUV) detection.

The **AXUV100TF030** features typical responsivity of 0.16 A/W at 3 nm and has a detection range from 1 nm to 12 nm. The **AXUV100TF400** features typical responsivity of 0.15 A/W at 40 nm with a detection range from 18 nm to 80 nm.

Both devices are shipped with a temporary protective cover and have superior stability for robust operation in extreme ultraviolet environments. Operating and storage temperatures range from -10 °C to +40 °C in ambient environments and from -20 °C to +80 °C in nitrogen or vacuum environments.



For more information about Opto Diode's integrated thin films, packages, and optical filter assemblies, please contact sales@optodiode.com or visit: <http://optodiode.com/photodiodes-filter.html>.

Opto Diode Corporation (Camarillo, CA - www.optodiode.com), an ITW Company, delivers industry-leading sensors, photodiodes, IR detectors, photonic modules, assemblies, and LEDs. Available in standard and custom designs, Opto Diode products have earned a reputation for high performance, superior quality and reliability for over 30 years. Opto Diode offers advanced performance sensors from the extreme ultraviolet (UV) to the mid-infrared (mid-IR). Our products provide unparalleled high-energy particle, electron, X-ray, and UV detection along with superior sensitivity to discriminate trace gases or detect heat, sparks, or flames in the mid-IR spectrum. Other products include high performance LEDs with radiometric emissions from 365 to 940 nm and IR emitters covering 1 to 10 microns.

Opto Diode serves a variety of industries including aerospace, automotive, biotechnology, food processing, medical, military/defense, industrial, semiconductor equipment manufacturing, and test & measurement. Our manufacturing process is in a cleanroom environment, from start to finish. Opto Diode's domestic U.S. facility is optimized for design and manufacturing with an on-site wafer fabrication, class 1,000 to class 10,000 clean rooms, extensive assembly capabilities and packaging expertise. From prototyping to high-volume production, we manufacture wafers-to-components then package and assemble photonic modules-to-optoelectronic sub-systems. For more information, visit www.optodiode.com.

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