



Excelitas Technologies to Feature Broad Range of Innovative, High-Performance Opto-electronic Components and Subsystems for OEMs at Photonics West 2012

Excelitas debuts latest Si APDs in LLC SMD package for laser meter, range-finding and area scanning applications

SAN FRANCISCO, California, January 23, 2012 – SPIE Photonics West – Booth Number 4627 - [Excelitas Technologies](#), a global provider of innovative, customized optoelectronics and advanced electronic systems to OEMs, will showcase its portfolio of high-performance opto-electronic components and subsystems at the 2012 SPIE Photonics West conference, the preeminent event for the photonics community. The event is taking place at the Moscone Center in San Francisco from January 21-26.

Excelitas Technologies provides technology-based solutions for OEMs in six major applications areas: [Medical](#), [Analytical Instrumentation and Life Sciences](#), [Energy-conserving and Environmental](#), [Safety and Security](#), [Industrial](#), and [Aerospace and Defense](#).

At the show, Excelitas will introduce the [C30737CH Series of Silicon Avalanche Photodiodes \(Si APDs\)](#) specifically designed for laser meter, range-finding, 3D laser scanning and other cutting-edge detection applications. The C30737CH Series comes in a unique, laminated leadless carrier (LLC) package, which allows for convenient, automated pick-and-place “side-looker” assembly on printed circuit boards (PCBs). This side-looking feature has advantages over traditional thru-hole packaging, and greatly facilitates optical design for laser meter or range-finding applications in the 500 to 1000 nm wavelength range.

“We are very pleased to announce a new Si APD for safety and security applications at Photonics West 2012. This NPI is indicative of Excelitas’ commitment to continued investments in market-driven innovations across our global footprint to ensure that our customers have the unique, high-performance components and subsystems for supporting their successful market introductions,” said Michael Ersoni, senior vice president and general manager for the global detection business, Excelitas Technologies.

Excelitas’ detection and lighting products on display at Photonics West 2012 will include:

- [Photodiodes and Photodiode Arrays](#)
- Low Light Level Detection (L³D) offerings including: [Single Photon Counting Modules \(SPCMs\)](#), [Large area, Short-Wavelength Enhanced Si APDs](#), and [High-speed, low-light Analog APD Receiver Modules \(LLAM Series\)](#)
- [HARLID \(High Angular Resolution Laser Irradiance Detector\) Modules](#)
- [Pulsed Laser Diodes](#)
- [CCD Cameras and Imagers](#)
- [LED Fiber Optic Illuminators and Modules](#)



- [COB LED Solutions - ACULED® Family](#)
- [PAX Family of Precision-aligned Pulsed Xenon Light Engines](#)
- [Cermax® Xenon Lamps](#)
- [Xenon Flash Lamps](#)

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About Excelitas Technologies

Excelitas Technologies is a global technology leader focused on delivering innovative, customized solutions to meet the lighting, detection, and advanced electronic systems needs of OEM customers. From aerospace and defense applications to industrial, safety and security, medical, analytical instrumentation, and clinical diagnostics, Excelitas Technologies is committed to enabling our customers' success in their specialty end-markets. Excelitas Technologies has approximately 3,000 employees in North America, Europe and Asia, serving customers across the world.

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