Excelitas Technologies Introduces Its New LynX^{TM} Silicon Photomultiplier (SiPM) Module for Low Light Level Detection

LynX^{TM} SiPM Module offers outstanding sensitivity from near-UV to NIR wavelengths and is well-suited to demanding life sciences and analytical measurement OEM applications

WALTHAM, Mass. and Montreal, Canada, October 3, 2012, Excelitas Technologies, a global technology leader focused on delivering innovative, customized optoelectronics to OEMs seeking high-performance technology solutions, announced the introduction of its new Silicon Photomultiplier (SiPM) Module, under the brand name LynX^{TM}, expressly designed to meet state-of-the-art analytical measurements needs.

The [LynX^{TM} SiPM Module](#) (LynX-A-33-050-T1-A) is a compact, easy-to-use, analogue module based on Excelitas' new C30742 Series low noise, ultra-fast timing resolution, low cross-talk SiPM chips. The LynX^{TM} SiPM Module offers an attractive alternative to traditional Photomultiplier Tubes (PMTs) for a variety of Analytical Instrumentation and Life Sciences applications including Fluorescence measurement and Flow Cytometry.

Excelitas' LynX Silicon Photomultiplier Module consists of a single-stage TE-cooled detector head, DC-DC power supply, and a low-noise transimpedance amplifier. It contains a 3x3 mm^2 active area SiPM with 50x50 μm^2 microcells for optimum dynamic range and photon detection efficiency (PDE).

"Excelitas' LynX^{TM} Silicon Photomultiplier Module was designed with significant customer input and is an important new addition to our growing range of Low Light Level Detection (L³D) offerings based on high-performance solid state detectors," said Michael Ersoni, Senior Vice President and General Manager of Excelitas Technologies' global detection business.

Excelitas' LynX^{TM} SiPM Module is available as a standard product and Excelitas also offers customized Low Light Level Detection Modules tailored to OEM application requirements.

Excelitas' new LynX^{TM} Silicon Photomultiplier Module, Model LynX-A-33-050-T1-A, will be on display at Electronica 2012 on November 13-16 in Munich, Germany at Hall A2, booth #107, along with other photon detection products and Infrared Sensing innovations. The LynX^{TM} SiPM Module will also be on display at ILOPE 2012, Booth #3108, on October 16-18 in Beijing, China, along with other Excelitas photon detection and IR sensing products.

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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 other high-performance technology needs of OEM customers. From medical lighting to analytical instrumentation, clinical diagnostics, industrial, safety and security, and aerospace and defense applications, Excelitas Technologies is committed to enabling our customers' success in their end-markets. Excelitas Technologies has approximately 3,000 employees in North America, Europe and Asia, serving customers across the world.

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