

**MEDIA ADVISORY**

**June 13, 2023**

## **Excelitas Technologies to Highlight Advanced Detection Products at Sensors Converge**

**WHO:** [Excelitas Technologies® Corp.](#), a leading industrial technology manufacturer focused on delivering innovative, market-driven photonic solutions, will highlight its most advanced sensor technologies at [Sensors Converge 2023](#) in Santa Ana, Calif., June 20-22.

**WHAT:** Featured products at Excelitas' Booth #816 will include:

- [CaliPile® TPiS 1T1386 L5.5H Thermopile Sensor](#): Excelitas' high-precision, medical-grade sensor is designed for remote skin-temperature measurement and temperature control of liquids and gases in medical applications. Featuring high temperature accuracy, combined with configurable "threshold" functions and low power consumption during operation, TPiS 1T1386 L5.5H offers fast remote over-temperature protection, mid-field human presence sensing, far-field human motion detection and passive light-barrier sensing for crowd assessment.
- [VTH21 Series of Photodiodes for Radon Detection](#): Offered in chip form for optimal alpha particle detection, Excelitas' low-capacitance VTH21 Series of silicon photodiodes provides high responsivity to radiation of interest, making the photodiodes an ideal solution for radon gas detection and alpha particle detection. VTH21 photodiodes are available in both a 5x5 mm and 10x10 mm large active area for maximum detection of low-level radiation and a spectral response between 400 nm and 1100 nm.
- [C30733BQC-01 InGaAs Avalanche Photodiode](#): This next-generation photonic detector offers high speed, high gain and low noise for high-end telecommunication test equipment applications, optical communication and distributed fiber sensing systems, and eye-safe LiDAR and laser range finding devices. Excelitas' C30733BQC-01 features a unique chip design to deliver cutting-edge performance with a typical operation gain of 40, setting a new trend in high-speed applications that require best-in-class signal-to-noise ratio between 1000 nm and 1700 nm.

**WHEN:** June 20-22, 2023

**WHERE:** Santa Clara Convention Center, Santa Clara, Calif., USA  
Excelitas Booth # 816

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### **About Excelitas Technologies**

Excelitas Technologies® Corp. is a leading industrial technology manufacturer focused on delivering innovative, market-driven photonic solutions to meet the illumination, optical, optronic, sensing, detection and imaging needs of our OEM and end-user customers. Serving a vast array of applications across biomedical, scientific, semiconductor, industrial manufacturing, safety,



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security, consumer products, defense and aerospace sectors, Excelitas stands committed to enabling our customers' success in their many various end-markets. Our team consists of more than 7,500 professionals working across North America, Europe and Asia, to serve customers worldwide.

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