

Hamamatsu's new MPPC (SiPM) for LiDAR Applications with increased Photon Detection Efficiency

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Hamamatsu Photonics, a pioneer and global leader in photonics technology, is excited to announce the expansion of its MPPC (SiPM) product line. Among the newest additions, the S16786-0515WM stands out as a testament to the company's continuous innovation in light detection and ranging (LiDAR) technology.

The newly launched S16786-0515WM is a near-infrared, high-sensitivity SiPM designed to meet the demanding requirements of advanced LiDAR applications. This cutting-edge sensor marks a significant advancement over its predecessors, featuring a reduced SPAD (Single Photon Avalanche Diode) size. This refinement enables an increase in Photon Detection Efficiency, achieving a remarkable 15% at 905 nm, thanks to the integration of Microlens technology. Furthermore, the sensor maintains a broad dynamic range while ensuring minimal crosstalk probability, due to Hamamatsu's proprietary technology trench.



Hamamatsu Photonics is proud to offer a comprehensive portfolio of SiPM (MPPC) solutions. This portfolio expansion underscores the company's commitment to advancing photonics technologies and strengthening its position as a leader in high-precision, reliable optical sensors.

For more information about the S16786-0515WM and to explore Hamamatsu Photonics' full range of SiPM (MPPC) solutions, please contact us at marcom@hamamatsu.eu or visit www.hamamatsu.com.

About Us

Hamamatsu Photonics is a leading provider of cutting-edge photonics technology and products. With 70 years of experience, the company delivers innovative solutions to customers across a wide range of industries, including medical, scientific research, industrial, and telecommunications. Hamamatsu Photonics offers a comprehensive range of products, such as imaging sensors, light sources, and optical systems designed to meet customers' unique needs.

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