

Range Finding APDs in Smallest Possible SMD Housing

Low-Cost Avalanche Photodiode in an M1 Package

LASER COMPONENTS has announced that its cost-effective SAH series of avalanche photodiodes (APDs) is now available in an M1 package. This is the smallest available SMD housing (Surface-Mounted Device), at only 2 mm x 1.4 mm. The new APDs will be presented at SPIE DCS in Orlando, Florida (Booth 1029).

Optimized for wavelengths of 850 nm and 905 nm, these components are mainly designed for range finding applications in which larger detectors cannot be installed due to lack of space. Consumer products are another common field of application.

Depending on the version, the diameter of the detector area is 230 µm or 500 µm. Like the SAH versions in M2 and M2F packages, these APDs feature low noise and a particularly short response time as well as operating temperatures between -40°C and +85°C.

More Information

www.lasercomponents.com/de-en/product/si-avalanche-photodiodes/

Trade Shows

Breko Glasfasermesse, March 13 - 14, 2018, Messe Frankfurt, Germany
EuroExpo, March 21 - 22, 2018, Trondheim, Norway, **Hall E**
analytica, April 10 - 13, 2018, Messe München, Germany, **Booth A2.500**
The Vision Show, April 10 - 12, 2018, Boston, MA, USA, **Booth 410**
Photonex London, April 18, 2018, Imperial College London, UK, **Booth S14**
SPIE Defense & Commercial Sensing, April 17 - 19, 2018, Orlando, FL, USA, **Booth 1029**
SPIE PHOTONICS Europe, April, 24 - 25, 2018, Strasbourg, France, **Booth G325**
Scandinavian Electronics Event, April, 24 - 26, 2018, Kistamässan, Sweden, **Booth C08:49**
LaSys, June 05 - 07, 2018, Messe Stuttgart, Germany, **Booth 4C33**
ANGACOM, June 12 - 14, 2018, Messe Köln, Germany, **Booth 7.B09**
Photonex Schottland, June 14, 2018, Edinburgh, UK, **Booth S5**
automatica, June 19 - 22, 2018, Messe München, Germany, **Booth B5.501**
Sensor+Test, June 26 - 28, 2018, Messe Nürnberg, Germany, **Booth 1.256**
Sensors Expo & Conference, June 27 - 28, 2018, San Jose, CA, USA, **Booth 225**
SPIE Optics+Photonics, August 19 - 23, 2018, San Diego, CA, USA, **Booth 527**
Photonex Europe, October, 10 - 11, 2018, Ricoh Arena, Coventry, UK, **Booth D15**
Vision, November 06 - 08, 2018, Messe Stuttgart, Germany, **Booth 1G31**
electronica, November 13 - 16, 2018, Messe München, Germany

The Company

LASER COMPONENTS specializes in the development, manufacture, and sale of components and services in the laser and optoelectronics industry. At LASER COMPONENTS, we have been serving customers since 1982 with sales branches in five different countries. We have been producing in house since 1986 with production facilities in Germany, Canada, and the United States. In-house production makes up approximately half of our sales revenue. A family-run business, we have more than 220 employees worldwide.