

Press Release

More Signal, Same Price

Expansion of Product Range of SiC UV Photodiodes

Silicon carbide (SiC) is the favorite material when it comes to UV sensitive, robust photodiodes that are also "solar blind". LASER COMPONENTS offers the new photodiodes JEC1.6 and JEC5. They supplement the product range. Compared to the previous version they feature an improved spectral sensitivity in the UVB and UVC range. With an active area of 1.6 mm², the JEC1.6 diode has - with a complete illumination of the chip area - a 25% higher signal at peak wavelength of 270 nm than the JEC1 model - and all at the same price. The active area of the photodiode JEC5 is even 5 mm².

One "offshoot" of this new series is suited for high-resolution position measurements and tracking applications: the JQC5R quadrant diode.

More Information

<http://www.lasercomponents.com/de-en/photodiodes/pin-diodes/uv-photodiodes/>

Trade Shows

electronica 2012, Nov, 13-17, 2012, Munich International Trade Fairs, Germany, **Booth A2.306**
BiOS 2013, Feb, 2-3, 2013, Moscone Center, San Francisco, USA, **Booth 8517**
Photonics West 2013, Feb, 5-7, 2013, Moscone Center, San Francisco, USA, **Booth 517**
LASER. World of Photonics, 13.-16.05.2013, Neue Messe München, Germany

The Company

LASER COMPONENTS is specialized in the development, manufacture, and sale of components and services for the laser and opto-electronics industries. With sales offices in four different countries, the company has served its customers since 1982. In-house production at six locations in Germany, Canada, and the USA began in 1986 and is meanwhile responsible for about half of its turnover. Currently, the family-run business employs more than 140 people worldwide.