

24<sup>th</sup> April

2013



## Press Release

### Two in One

### Si PIN Sandwich Photodiode

LASER COMPONENTS introduces the new silicon detector from its partner Advanced Photonics, Inc. The SD138-11-38-211 features a unique design: two silicon PIN photodiodes are vertically integrated into a hermetic TO-5 housing. The upper photodiode, 300 nm - 1100 nm, absorbs a portion of the incident light; the rest of which reaches the lower photodiode, 950 nm - 1100 nm.

The ratio of the two photocurrents can, for example, be used to monitor the color temperature of an object.

### More Information

<http://www.lasercomponents.com/de-en/news/si-pin-sandwich-photodiodes/>

### Trade Shows

**Defense, Security + Sensing**, 29.04. - 03.05.2013, Baltimore Convention Center, USA, **Booth 1237**

**LASER. World of Photonics**, 13.-16.05.2013, Neue Messe München, Germany, **Booth B1.442**

**Sensor + Test**, May, 14.-16., 2013, Messe Nürnberg, Nürnberg, Germany, **Booth 12-609**

**Security + Defence**, Sept., 24 - 25, 2013, Internat. Congress Center Dresden, 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.