

Nov. 29,  
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## Press Release

### Improved Dark Signal Correction in PbS and PbSe Line Detectors

#### Multiplex Arrays up to 5 $\mu\text{m}$

As part of regular product care CAL Sensors will be introducing another basic improvement to the linear multiplexed array (LMA) product family in the fourth quarter of 2011: Of the 256 pixels in total, the three outer pixels at the beginning and at the end of the line are blacked out. They serve as reference points for temperature regulation. With this trick, the time interval between reference measurements can be significantly increased. The dark signal pattern of this series is five times more stable than the preceding series; it enters a range that was previously only seen with photodiode arrays.

The multiplex arrays are available from LASER COMPONENTS.

#### More Information

<http://www.lasercomponents.com/de-en/ir-components/ir-detectors/pbs-and-pbse-detectors/>

#### Trade Shows

**BiOS 2012**, January 21-22, 2012, The Moscone Center, San Francisco, **South Hall – Booth 8517**  
**Photonics West 2012**, Jan. 24-26, 2012, Moscone Center, San Francisco **South Hall – Booth 517**  
**Analytica 2012**, April, 17-20, 2012, Munich International Trade Fairs, **Booth A2.400A**

#### 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 130 people worldwide.