

Oct, 7<sup>th</sup>  
2015

## Press Release



### Production Expanded to MIR

### x-InGaAs and InAs Photodiodes

LASER COMPONENTS Detector Group has introduced two new IR detectors: IG19 and IA35.

The IG19 is a new x-InGaAs photodiode with a peak wavelength at 1.75  $\mu\text{m}$ . Thus, it is ideal for applications that cannot be fulfilled spectrally with a regular InGaAs photodiode. The IG19X1000S4i with a 1 mm chip diameter in a TO-46 housing is the standard product.

IA35 describes a heterostructure photodiode on an InAs substrate with a relatively wide peak at 2.8  $\mu\text{m}$ . The curve of the spectral response can be seen in the figure.

The IA35S500S4i is available. This detector with a 0.5 mm chip is designed especially for uncooled operation and a spectral range of up to 3.5  $\mu\text{m}$  (20% cut-off).

### More Information

<http://www.lasercomponents.com/de-en/news/x-ingaas-and-inas-photodiodes/>

### 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 170 employees worldwide.