

Press Release

Developed by LASER COMPONENTS for You!

Inexpensive Drivers for cw Laser Diodes

LASER COMPONENTS' inexpensive LSC-025 driver was developed for M- and N-type cw laser diodes with a maximum operating current of 250 mA. The wide range of supply voltage of up to 5 VDC allows the operation of blue, red, and NIR laser diodes. These diodes can be either cw operated or pulsed up to 30 kHz.

The monitor current is used as a reference value when stabilizing the power of cw laser diodes. It can be anywhere between 50 μ A and 500 μ A. Irrespective of outside influences, the desired output power remains extremely constant within an accuracy of 1.5%.

The driver is used in combination with a suitable laser diode in industrial and medical laser diode modules, night-vision devices, barcode readers, leveling lasers, and laser measurement technology.

The LSC-035 is equipped with an additional protective circuit that prevents damage resulting from an ESD, high temperatures, or current peaks. Supply voltage transients are also filtered safely.

More Information

<http://www.lasercomponents.com/de-en/product/drive-electronics-for-cw-laser-diodes/>

Picture Signature

LSC-025 driver from LASER COMPONENTS

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.