30th April 2013

Press Release

Two cw Laser Diodes at Once

Control Two Wavelengths with a Single Laser Diode Driver

LASER COMPONENTS now offers the new laser diode driver iC-HT which allows the microcontroller-based operation of two cw laser diodes. The optical output power can be controlled via automatic power control (APC), automatic current control (ACC), or a microcontroller.

The maximum operating current per channel is 750 mA or 1.4 A cascaded. An individual limit for each channel is possible in case the laser diodes have to be operated at a lower maximum operating current.

The integration degree of the analog functions is high in case the microcontroller interface is used for the operation of the laser diodes: multi-channel laser diode controllers can be directly implemented this way.

More Information

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

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.

Laser Components GmbH
Werner-von-Siemens-Str. 15
82140 Olching
Germany
Tel: +49 8142 2864 – 0
Fax: +49 8142 2864 – 11
www.lasercomponents.com

Press Contact
Claudia Michalke
Tel: +49 8142 2864 – 85
c.michalke@lasercomponents.com