

PRESS RELEASE

Electronica 2018, Messe Munich, Germany, Hall B4,355

EVERLIGHT Demonstrates Smart Automotive and Infrared Products at Electronica 2018

Shulin, New Taipei City – November 12, 2018 – EVERLIGHT ELECTRONICS CO., LTD. 【TSE:2393】 , a leading player in the global LED and optoelectronics industry, not only will demonstrate latest automotive, infrared and lighting products but also modules such as an ADB matrix headlamp, a Mini/Smart Multi Array Rear Lamp and an infrared heartbeat smartwatch at Electronica 2018, Messe Munich, Germany. You are welcome to visit our booth (Booth No.: Hall B4, 355).

EVERLIGHT's ADB matrix intelligent LED headlamp can automatically turn off the light source in the region to avoid interference from high beam when the CCD sensor detects an oncoming vehicle. 24 LEDs of the EVL-EL ALFS 1x1 (EU) series (size: 2.0x1.6mm) were used, where 245lm can be provided for single LED at the operating current of 700mA. Due to a combination of smart control, fisheye lens, control module, guide prism in special arrangement and CCD, the headlamp can be more accurate on identification and lighting. The products comply with ECE R112 class B Driving Beam and were jointly designed and developed with all OEMs involved.

The new Mini Rear Lamp was manufactured with fine pitch display components from EVERLIGHT that meet 27.63 Pixels Per Inch. It implements an Adaptive Rear Lamp System and flexibly adjusts the displayed figures and texts to provide a clearer quality of image and to conform to all requirements of a rear lamp. The Smart Multi Array Rear Lamp uses EVERLIGHT's Smart Multi Series (3.5x3.5x0.8mm) and a built-in drive and control ICs to achieve the information delivery and a diversified figure display in a most convenient way. The technology can be used to design rear lamps, brake lamps and turning lamps. The new Mini Rear Lamp provides a priority solution for rear lamps due to the visual effect combined with and performance quality.

In terms of infrared products, EVERLIGHT will demonstrate many transmitting/receiving components (IR, PD/PT) in different sizes, radiant intensities and viewing angles, widely applied for e-books, smart boards, oximeters and household vacuum cleaners. Suitable for oximeters for instance, the IRRG25-16C is an SMD transmitting component with three-color wavelengths: red (660nm), green (525nm) and infrared (940nm). With the optical spectrum from different wavelengths reflected by a flat lens on top, the blood oxygen saturation can be further tested together with EVERLIGHT's PD51-40 series (dimensions: 5.1x4.0x0.85mm), to provide a most accurate diagnosis of the heartbeat. Together, IRRG25-16C and PD51-40 series can retrieve the heartbeat rate in a most convenient way in wearable applications such as sports watches. Optocouplers, another key product segment, will be demonstrated at Electronica 2018 as well, including Standard Coupler, High Speed Coupler, Photo Triac and Solid State Relay (SSR) series to match different package sizes to meet all possible applications, including power meters, communication equipment, UPS and industrial control.

We combined the R&D, business and marketing teams with the professional skill developed over 35 years, as well as continuously pursued innovation and breakthroughs on package technology with strict production and quality control to provide perfect solutions for our customers.

EVERLIGHT



Smart Multi Array Rear Lamp



Smart Multi Series

EVERLIGHT showcases a new rear lamp at Electronica 2018

(Appropriate package structures and product materials by customer's requirement).

Source: EVERLIGHT ELECTRONICS CO., LTD.

Exhibition: Electronica 2018

Date: 2018/11/13-11/16

Time: 9AM-6PM

Venue: Messe Munich, Germany

Booth Number: Hall B4, 355

About EVERLIGHT Electronics Co. Ltd.

EVERLIGHT Electronics Co., Ltd. was founded in 1983 in Taipei, Taiwan. Led by Chairman Robert Yeh. EVERLIGHT has over 35 years of R&D experience for reliable capability. With global operations for customer service and an excellent brand reputation, EVERLIGHT has been ranked in the top four LED manufacturers in this competitive LED market. Our products are manufactured in-house to guarantee maximum quality and service. EVERLIGHT provides the most diversified product portfolio consisting of Low Power LEDs to Ultra High Power LEDs, Through-hole LEDs to SMD LEDs, LED Lighting Modules, Digital Displays, Optocouplers and Infrared Emitters and Sensors, and many other LEDs for the Lighting, TFT, Automotive, Signage, and Consumer markets. Today, EVERLIGHT is a global company with over 6,400 employees based throughout China, Hong Kong, Japan, Korea, Singapore, Malaysia, India, Germany and U.S.A. Please visit us at www.EVERLIGHT.com / PR Contact: pr@everlight.com

Company contact Europe:

EVERLIGHT Electronics Europe GmbH
Siemensallee 84, Building 7302, 5th floor
D-76187 Karlsruhe/Germany Phone: +49
(0)721 824 – 473 info@everlight-eu.de

Company contact USA:**Agency contact:**

Viviane Baltzer, Baltzer Communications.
Sedlmayrstr. 25, D-80634 München / Germany.
T: +49 (0)89 12392993, viviane.baltzer@web.de
EVERLIGHT Americas, Inc.
3220 Commander Drive, Suite 100
Carrollton, TX, 75006, USA Phone: +1
972.490.4008
salesmarketing@everlightamericas.com
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