

PRODUCT NEWS

EVERLIGHT Electronics introduces new IR emitter and PIN photodiode

IR emitting diode together with high sensitive PIN photodiode as best use on oximeter detector applications.

Shulin, New Taipei City 【2015.05.28】—EVERLIGHT ELECTRONICS CO., LTD. 【TSE:2393】, a leading player in the global LED and optoelectronics industry, introduces a new infrared emitting diode in a miniature SMD package, IRR60-48C/TR8, and a high speed, high sensitive PIN photodiode, PD60-48C/TR8, both sized 6x4.8x1.1mm for oximeter detector applications.

According to past experience, red 660nm together with infrared 905nm appear best to detect the oxygenation of the blood which provides accurate diagnosis on oximeters. EVERLIGHT's IRR60-48C/TR8, together with PD60-48C/TR8, feature such unique optimized wavelengths of red 660nm and infrared 905nm, enabling a most accurate oximeter diagnosis.

The infrared 905nm can also be customized upon request to 940nm or 910nm. Furthermore, both IRR60-48C/TR8 and PD60-48C/TR8 are discrete designs which allow the feasibility on use, no matter if the oximeter requires a transmission or reflective design.

Both products are Pb free and will remain within RoHS compliant version.

IRR60-48C/TR8

- Miniature SMD package (6x4.8x1.1mm)
- Bi-color LED wavelength. (660nm, 905nm)

PD60-48C/TR8

- Fast response time
- High photo sensitivity
- Small junction capacitance

Sample Available: Yes. (Upon request)

Mass Production: Now

URLs: <http://www.everlight.com/SeriationProduct.aspx?Seq=c5363ea3-2505-e411-8b3b-0002a54e500f>

More information or data sheet for this product upon request: Please contact your local EVERLIGHT sales office. Local sales information: www.everlight.com.

EVERLIGHT is fostering close relationships between their R&D, Sales and Marketing teams to meet and exceed their customers' expectations in both product offering and technology. EVERLIGHT provides a great variety of customers with total solutions for their different optoelectronics and LED applications.

Product image:



Caption: The wavelengths of EVERLIGHT's IRR60-48C/TR8, operating together with EVERLIGHT's PD60-48C/TR8, best detect the oxygenation of the blood to provide accurate diagnosis on oximeters. (Structures and materials depend on demand of client).

Source: EVERLIGHT Electronics

About EVERLIGHT Electronics Co. Ltd.

EVERLIGHT Electronics Co., Ltd. was founded in 1983 in Taipei, Taiwan. Playing a critical role in the formation of the global LED industry, the company has rapidly become a leading worldwide supplier due to its dedication to certification, R&D, production, quality, marketing and global customer service. EVERLIGHT provides a comprehensive optoelectronics product portfolio consisting of high power LEDs, lamps, SMD LEDs, LED lighting modules, digital displays, optocouplers and infrared components for various applications. Today, EVERLIGHT is a global company with over 5,600 employees based in China, Hong Kong, Japan, Korea, Singapore, Malaysia, Germany and U.S.

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