

PX Series - Pulse Oximetry LEDs

Optoelectronic components have been evolving in application usages ever since its inception. What started out as simple indicator lights for ON/OFF purposes eventually expanded to LEDs being used aesthetically, enhancing the product in ways beyond indication. SunLED has proudly been a leading manufacturer in each of these turning points in opto technology. Lighting the way towards the next chapter in LED evolution, SunLED introduces the PX Series - Pulse Oximetry LEDs.

SunLED's PX Series is available in various compact packages which are ideal for any medical or wearable device. This series comes in both single and dual wavelength package configurations. A variety of viewing angles are available to further provide design flexibility. Specific wavelengths of $\lambda P=660\text{nm}$ & 940nm with narrow spectral bandwidths provide the perfect LED solution for pulse oximetry applications.

For a complete Sensor Application LED solution, SunLED's HRS Series are also readily available for Heart Rate Sensor applications.

Product Features

- ◆ Industry standard footprints
- ◆ $\lambda P=660\text{nm}$, 940nm
- ◆ Multiple viewing angle options
- ◆ High efficient output at low currents
- ◆ Available in dual wavelength package configurations
- ◆ Optimal wavelengths for pulse oximetry applications
- ◆ Compact package selections ideal for medical devices
- ◆ Flat lens and dome lens versions available

Product Applications

- ◆ Pulse Oximetry
- ◆ SpO2

Other Featured Products



Lighting the way towards the next chapter in LED evolution, SunLED introduces the HRS Series - Heart Rate Sensor LEDs. SunLED's HRS Series is available in 0603 and 1206 packages which are ideal for any compact devices such as wearable electronics. A variety of viewing angles are available including 30° , 60° , and 120° to provide design flexibility.



SunLED is excited to release a series that redefines high intensity, low current LEDs. Designed and built to meet and exceed the most demanding visibility requirements, the XZxxxx55W-8 series outshines nearly all other LEDs. Developed from a combination of AlInGaP and InGaN dies, this series ensures a long and robust lifespan while outputting a brilliant array of colors.

PX Series ^{SpO2} Pulse Oximetry LEDs

Red + IR Series



- ◆ Optimal wavelengths for pulse oximetry
- ◆ $\lambda P=660\text{nm}$; $\lambda P=940\text{nm}$
- ◆ Compact footprints; dual wavelength packages
- ◆ Multiple viewing angle options

click here to
order samples



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