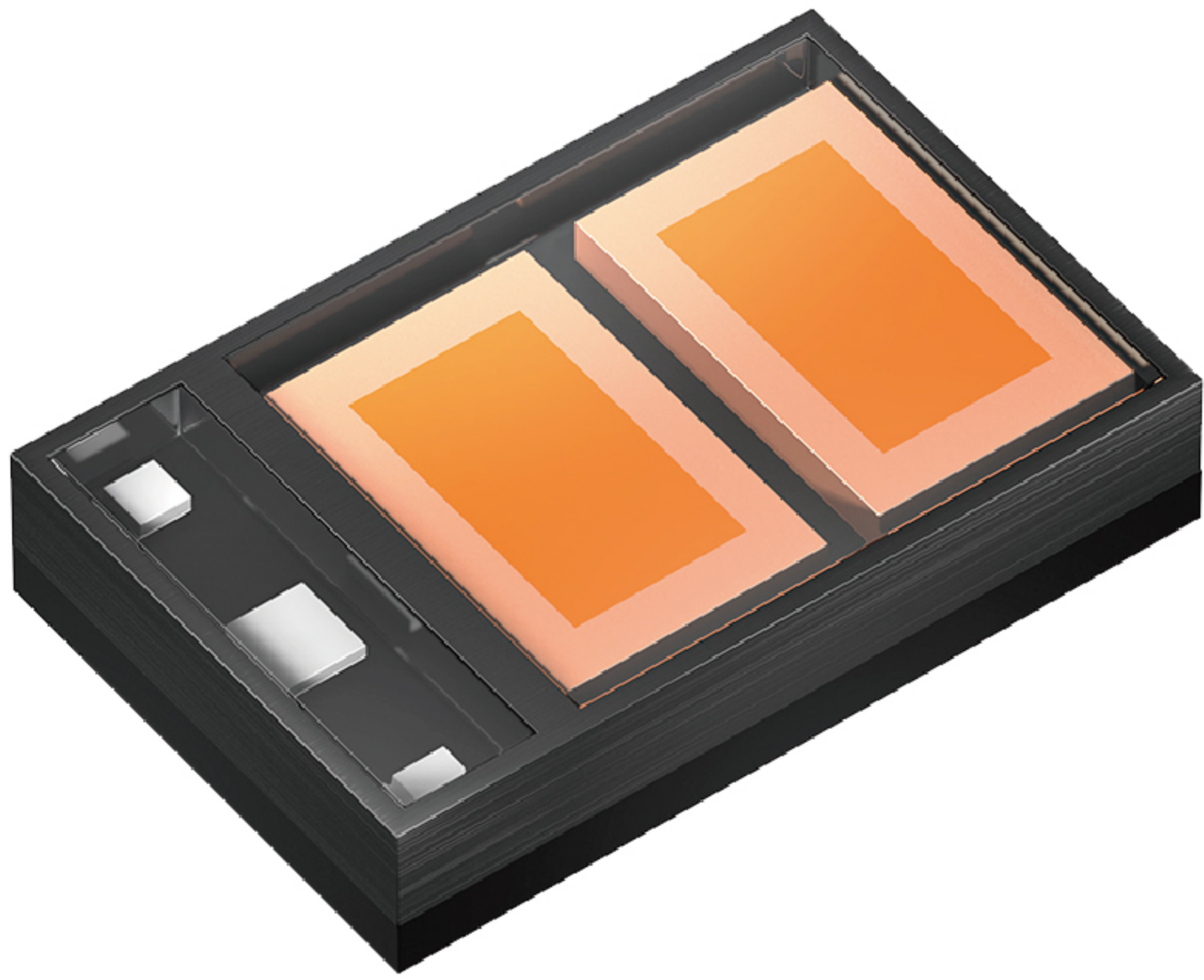
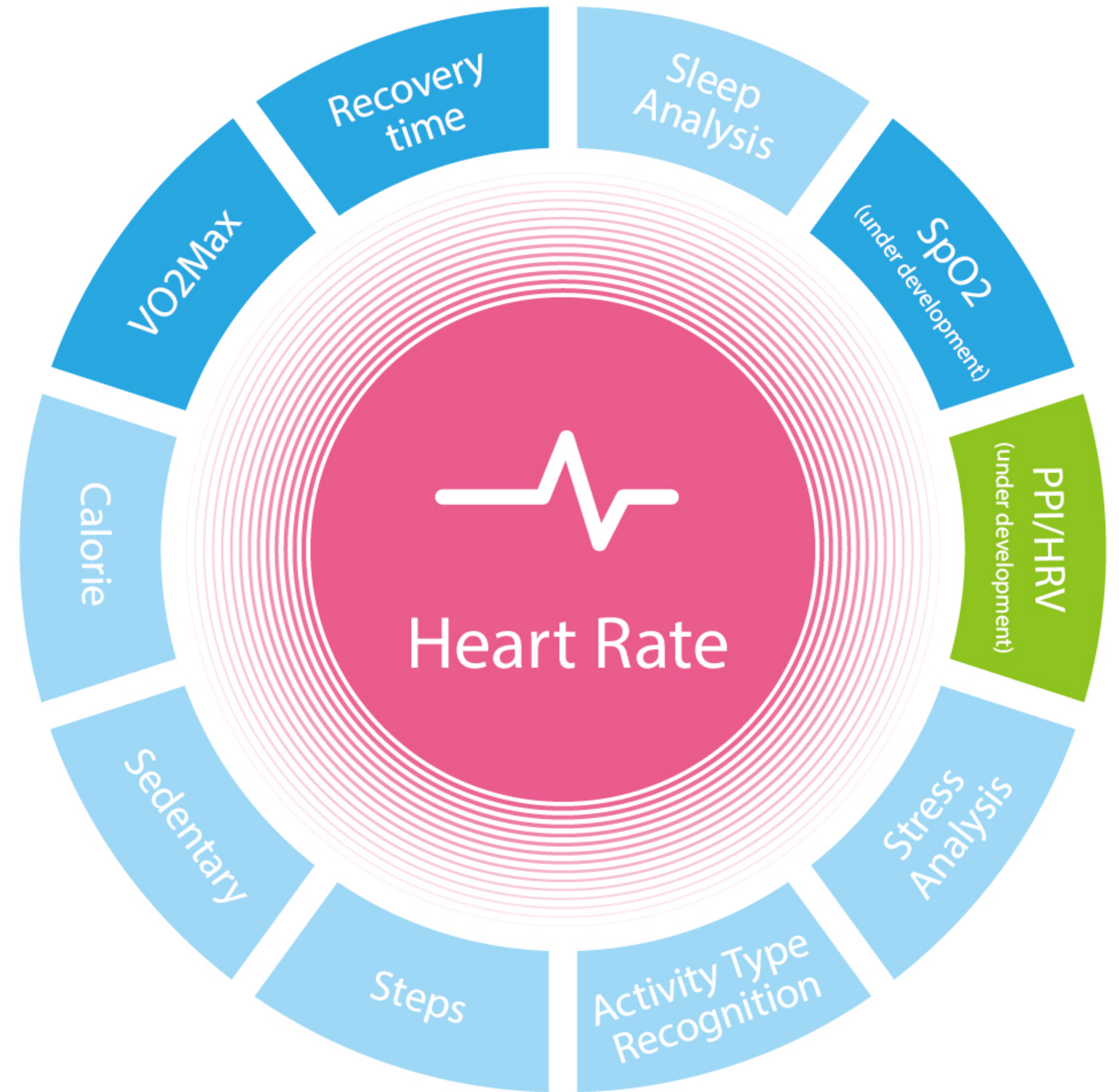


## Epson PPG Module



### Key Features

1. High accuracy and low power sensing technology for HR by accumulated history of HR monitors.
2. Epson's optical technology and semiconductor technology for an optical filter that eliminates external light.
3. Epson original algorithm to remove artifact with high accuracy.



- \* Basic Algorithm
- \* Basic Algorithm Next Generation
- \* Option





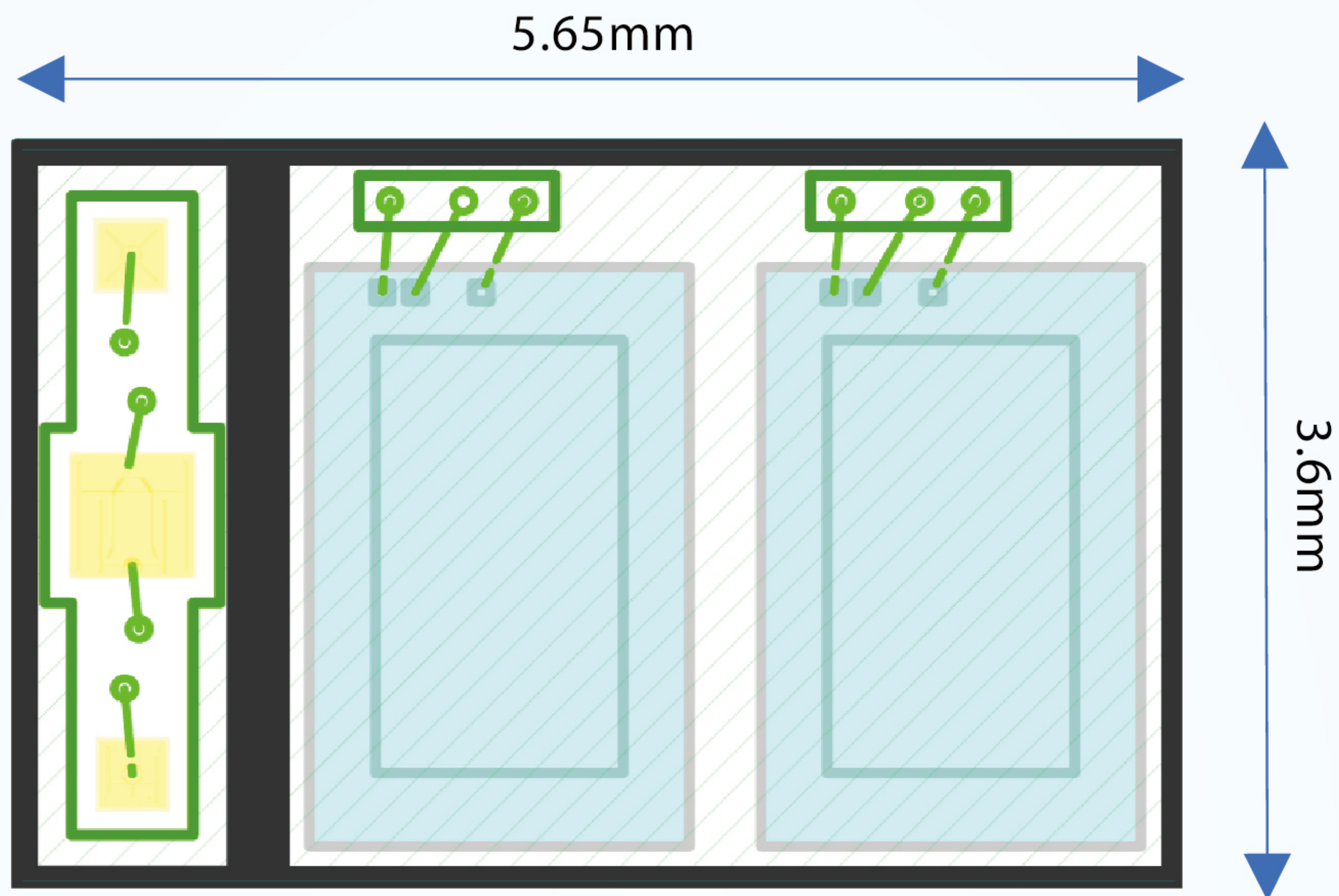
# Epson core technology

## 1. Sensor Device

- Epson's unique PD structure enables extremely short distance between sensor and light source, achieving high accuracy and low power consumption.

## 2. Algorithm

- Epson has various basic algorithms available for PPG sensor customers.
- Other optional algorithms are also available under additional license.
- Motion Artifact Cancellation by adaptive filtering with Accelerometer Sensor.
- Eliminate motion artifact noise from PPG sensor signal.



Item	Description
Package size	5.65mm x 3.6mm x 1.15mm
Vital signs	HR, HRV* SpO2*
Package structure	3LED + 2Photodiode
LED type	Green 、 RED 、 INFRARED
Current consumption	HR : < 25uA      SpO2*

\*The specifications are subject to change without notice.  
\* For more details please contact business contact.