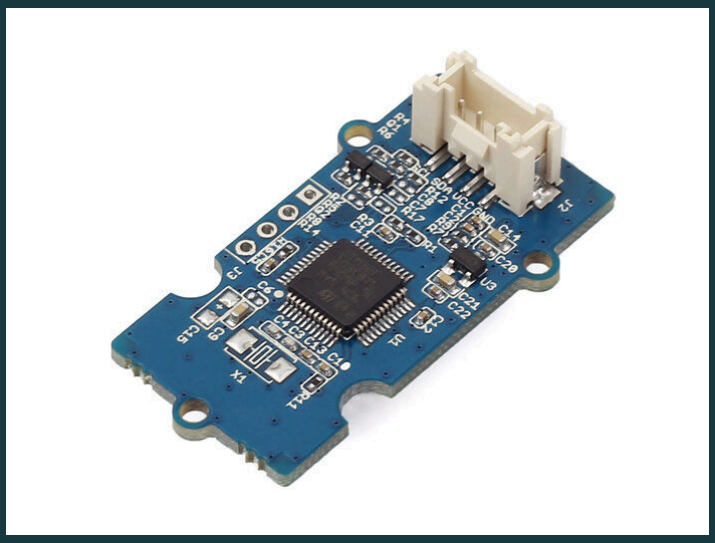
seeed studio

INDUSTRIAL PRODUCT DATASHEET

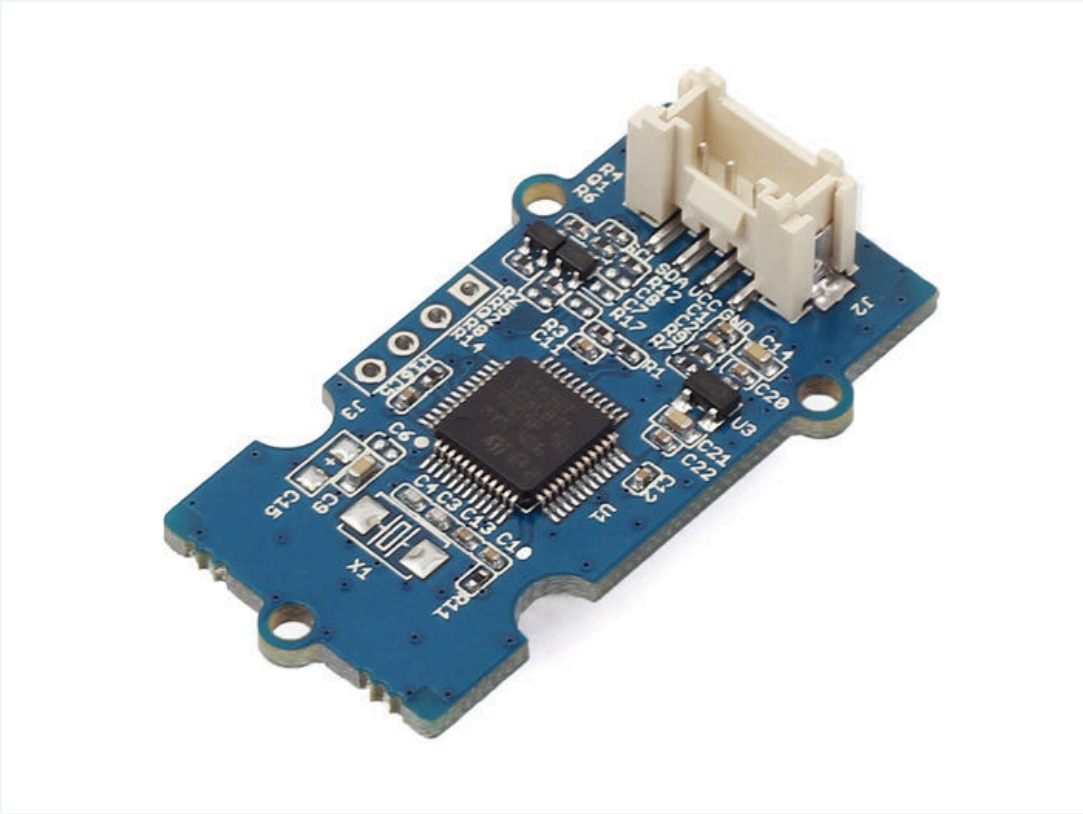
Grove - Finger-clip Heart Rate Sensor

Grove - Finger-clip Heart Rate Sensor is based on PAH8001EI-2G.

SKU	UPDATED	PRICE
103020024	2026-11-11 07:26:34	$23.70(Excl. VAT)



Overview



Grove - Finger-clip Heart Rate Sensor is based on PAH8001EI-2G. Low power consumption and flexible power saving mode make it suitable for wearable device.

Key Features

01 **Ultra-low power consumption**

The PAH8001EI-2G sensor offers a power saving mode during no touch movement period and flexible sleep rate control, which have a profound effect on battery life.

02 **Accurate source data**

Integrated chip-on-board LED with wavelength of 525nm. Making results more accurate.

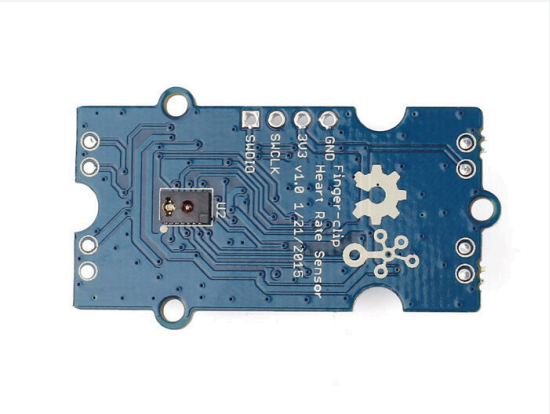
03 **Excellent processing speed**

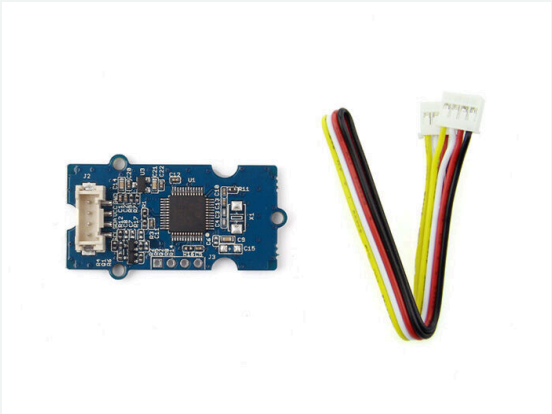
With the support of STM32F103, it provides high processing speed for heart rate data processing

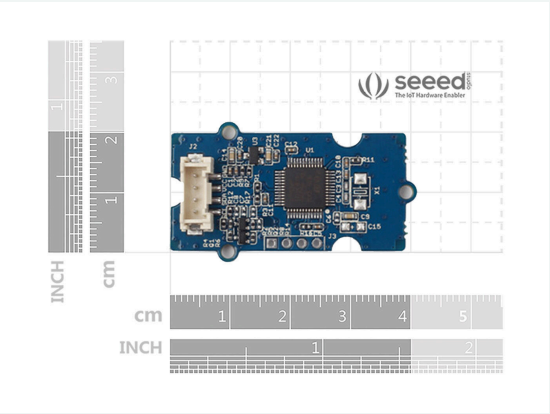
04 **Grove unified socket**

The sensor ensures "Plug and Play" and could be versatile for various applications.

Product Gallery







Applications

- Healthcare/Sports wearable device
- Photoplethysmogram waveform
- Smart wearable eg. watch,wrist-band

Resource Links

- https://www.seeedstudio.com/Grove-Finger-clip-Heart-Rate-Sensor.html
- Grove - Finger-clip Heart Rate Sensor eagle file
- Grove - Finger-clip Heart Rate Sensor bin file

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