WORLD FAMOUS ELECTRONICS llc.

www.pulsesensor.com

PULSE SENSOR
EASY TO USE HEART RATE SENSOR & KIT
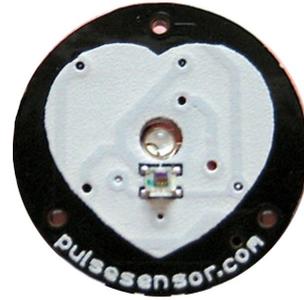
| General Description	Features
The Pulse Sensor is the original low-cost optical heart rate sensor (PPG) for Arduino and other microcontrollers. It's designed and made by World Famous Electronics, who actively maintain extensive example projects and code at: www.pulsesensor.com	● Includes Kit accessories for high-quality sensor readings ● Designed for Plug and Play ● Small size and embeddable into wearables ● Works with any MCU with an ADC ● Works with 3 Volts or 5 Volts ● Well-documented Arduino library

Absolute Maximum Ratings	Min	Typ	Max	Unit
Operating Temperature Range	-40		+85	°C
Input Voltage Range	3		5.5	V
Output Voltage Range	0.3	Vdd/2	Vdd	V
Supply Current	3		4	mA

Pulse Sensor
Kit Contents

Pulse Sensor Optical Heart Rate Monitor

Physical Dimensions PCB inch(mm)

0.625 (15.8)

0.150 (3.6)

Light Sensor

Circuit
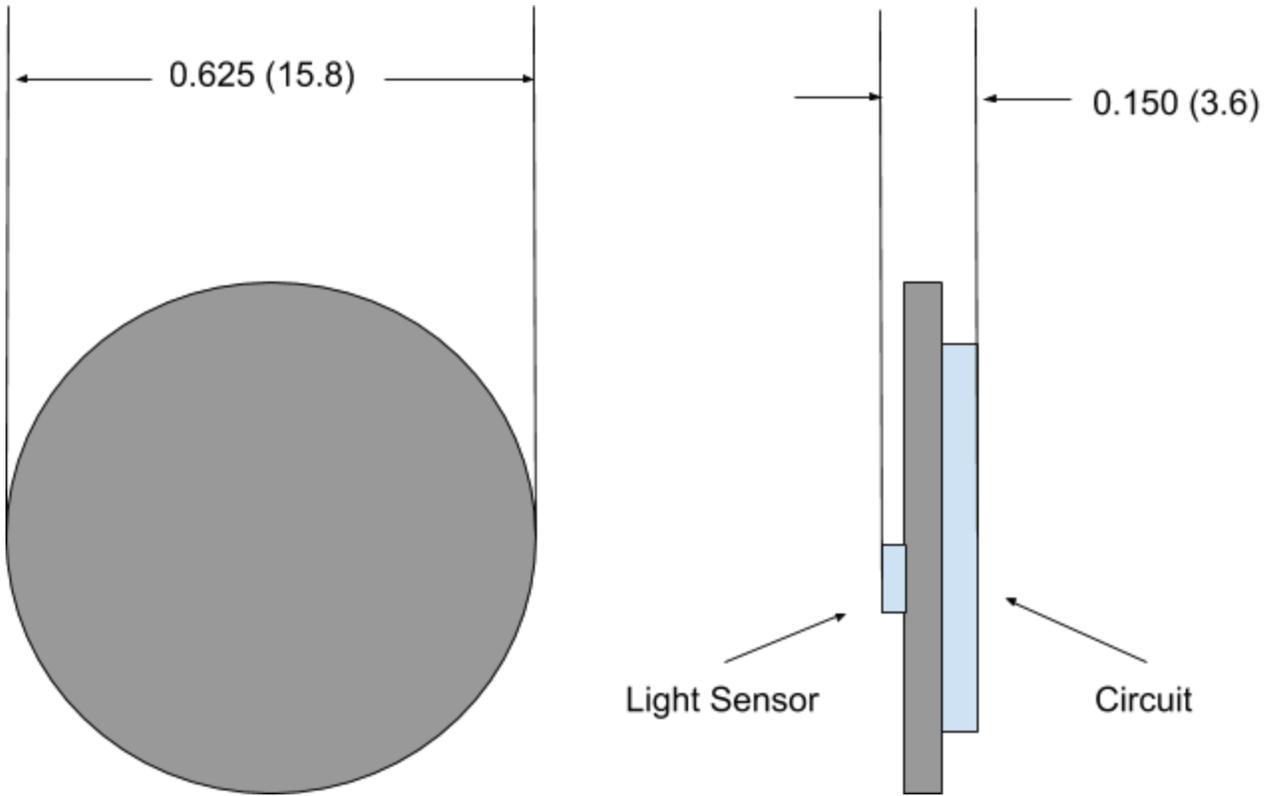
Cable Specs

- **Length 610 mm (24 inches)**

- **26 Gauge**

- **PVC Insulation, Ribbon Style**

- **Male Header Termination**
  - **Black Wire = GND**
  - **Red Wire = Vdd**
  - **Purple Wire = Pulse Signal**
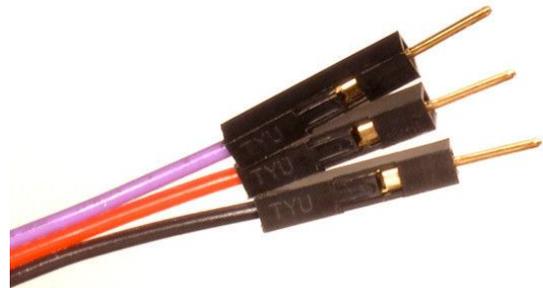
Pulse Sensor is certified as Open Source with the Open Source Hardware Association