Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

WORLD FAMOUS ELECTRONICS llc.

www.pulsesensor.com

PULSE SENSOR
EASY TO USE HEART RATE SENSOR & KIT

General Description

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

Features

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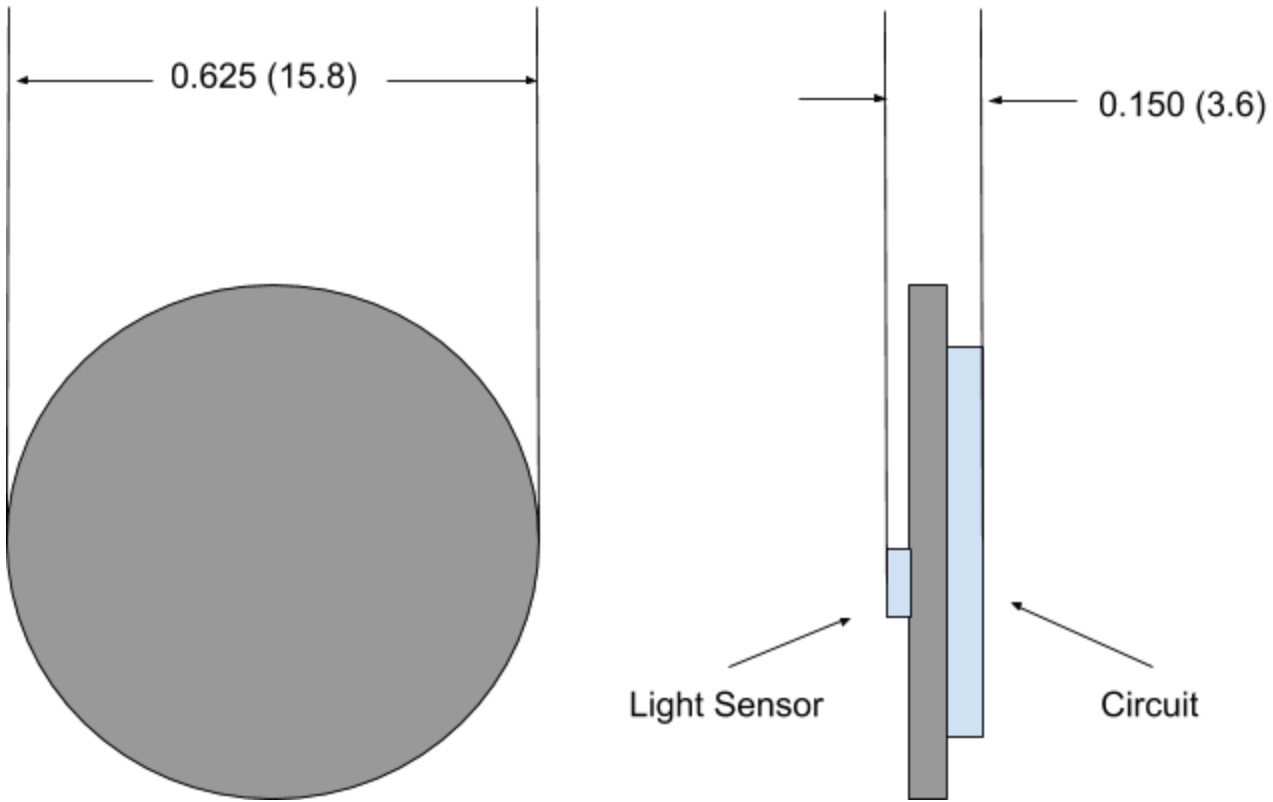
Absolute Maximum Ratings	Min	Typ	Max	Unit
Operating Temperature Range	-40		+85	°C
Input Voltage Range	3		5.5	V
Output Voltage Range	0.3	Vdd/2	Vdd	V
Supply Current	3		4	mA

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**