Zio Qwiic RGB Color Sensor TCS34725

SKU: 101936

Description:

The Qwiic Color Sensor board features one of the best color sensor on the market to monitor a specific color value and light sensing.

The board features a TCS34725 with I2C interface and minimizes the IR and UV spectral to make the color measurements as accurate as possible.

The high sensitivity, IR blocking filter and wide dynamic range (3.8M:1) with adjustable integration time and gain make the sensor a great solution for use under different light conditions and attenuating materials.

Finally, we specified a nice neutral 4150°K temperature LED with a MOSFET

driver onboard to illuminate what you're trying to sense. The LED can be easily turned on or off by any logic level output.

The Zio Qwiic RGB Color Sensor uses the Qwiic connector for deasy chain with any Qwiic compatible boards. Just in case you would like to use this board without the Qwiic connector, we have incorporated header pins. As well as if you'd like to access the LED and INT pins.

Specification

- Operation Voltage: 3.3V
- Interface: I2C (address 0x29)
- Dimensions:18.1x25.5mm
- Weight:1.2g

Links:

- [PCB Source File and Schematic](#)
- [TCS34725 Datasheet](#)
- [Adafruit TCS34725 master Library](#)

More Product Picture:

Qwiic

LED
INT
GND
3V3
SDA
SCL

Qwiic

Qwiic

LED
INT
GND
3V3
SDA
SCL

Qwiic

UNITED STATES OF AMERICA
LIBERTY
IN GOD WE TRUST
QUARTER DOLLAR