Grove - I2C Color Sensor

SKU 101020041

Note: This sensor will EOL soon, please consider the new version Grove - I2C color sensor V2.

This module is based on the color sensor TCS3414CS with digital output I2C. Based on the 8*2 array of filtered photodiodes and 16-bits analog-to-digital converters, you can gain the color chromaticity of ambient light or the color of objects. Of the 16 photodiodes, 4 have red filters, 4 have green filters, 4 have blue filters and 4 have no filter(clear). With the synchronization input pin, external pulsed light source can provides precise synchronous conversion control.

Features

- Grove compatible interface
- 16-Bit digital output with I 2C at 400 kHz
- SYNC Input Synchronizes Integration Cycle to Modulated Light Sources
- Operating temperature range -40°C to 85°C
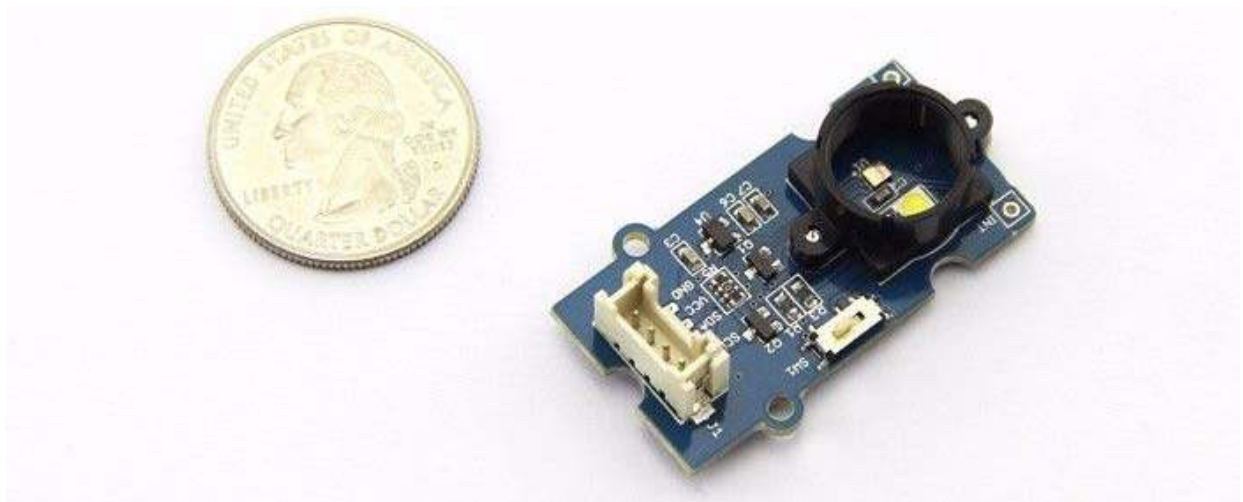- Programmable interrupt function with User-Defined Upper and lower threshold settings

Technical details

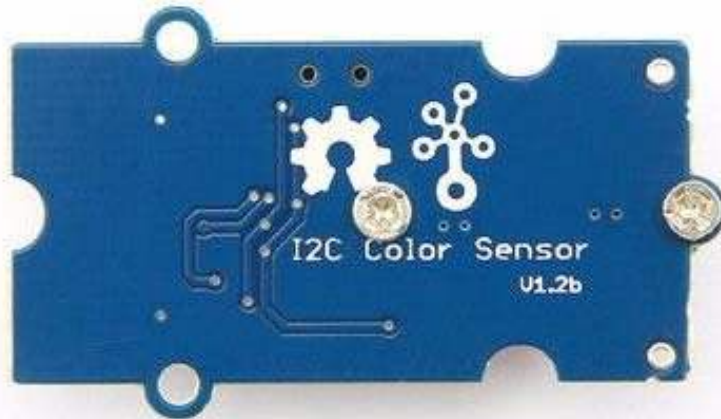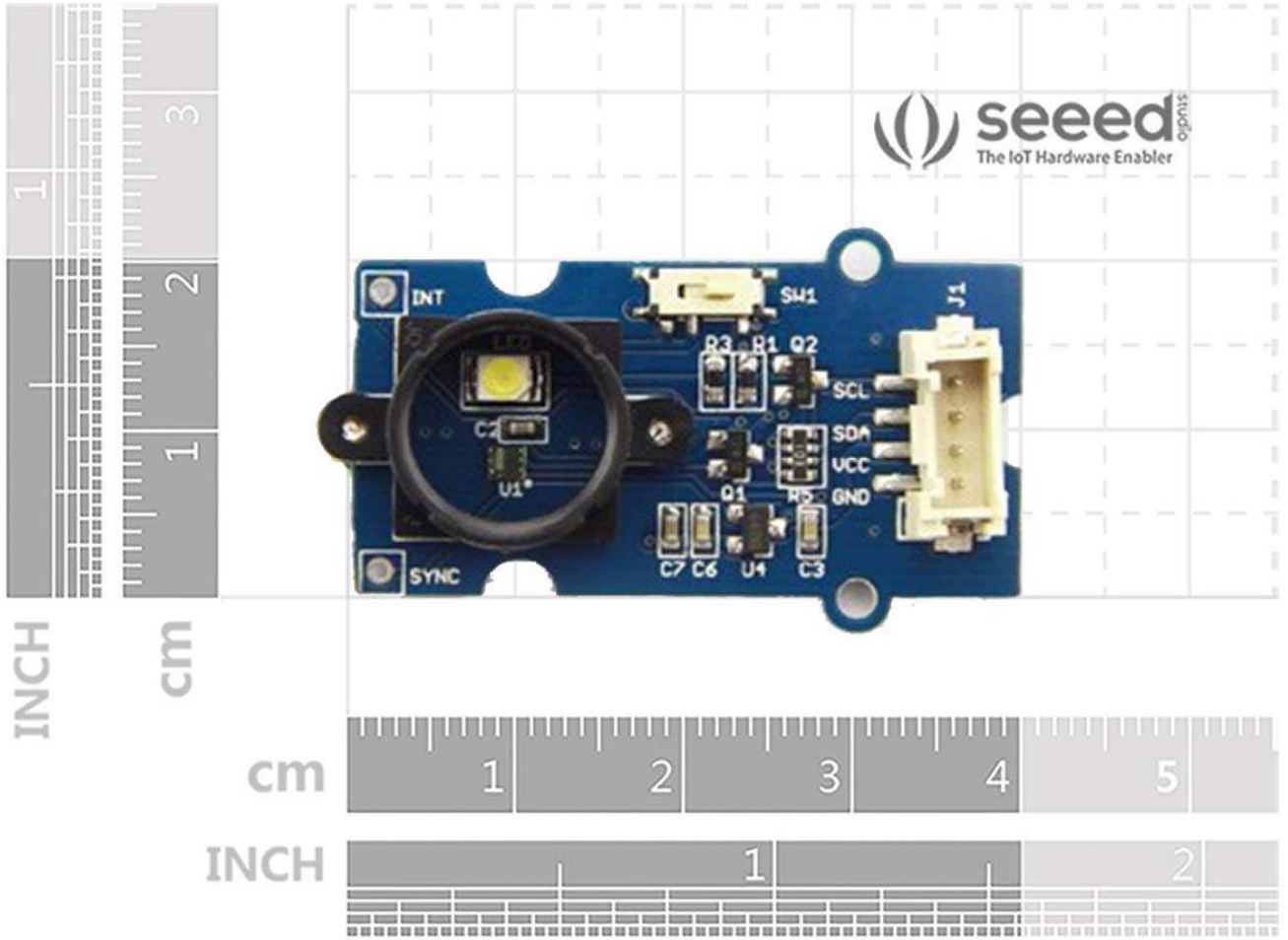| Dimensions	0mm x0mm x0mm
Weight	G.W 10g
Battery	Exclude

Part List

Grove - I2C Color Sensor	1
Grove Cable	1

ECCN/HTS

HSCODE	9031900090
ROHS	1

https://www.seeedstudio.com/Grove-I2C-Color-Sensor-p-854.html/3-1-19