

## COLOR AND GESTURE SENSOR APDS-9960 BREAKOUT



**Weight** 7 g

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### DESCRIPTION

The APDS-9960 is a small sensor that measures four things at once. It recognizes the movements you make in front of it (up, down, left, right) and it can identify the proximity of the object, so you have two more movements: to the sensor and from the sensor. In addition, it has an ambient light sensor and a color sensor which gives red, green, and blue (RGB) colors as output. This sensor with many features was even built into the Samsung Galaxy S5 smartphone.

All gestures are detected at a distance of 10 to 20 cm and it has built-in UV and IR filters to make sure it won't be confused by other sources of light. Connected using well-known I2C communication.

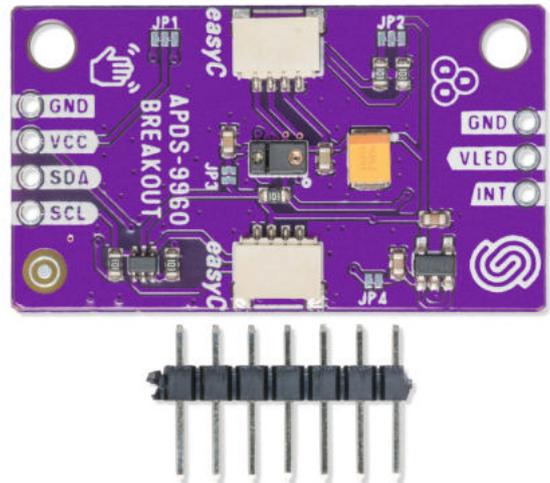
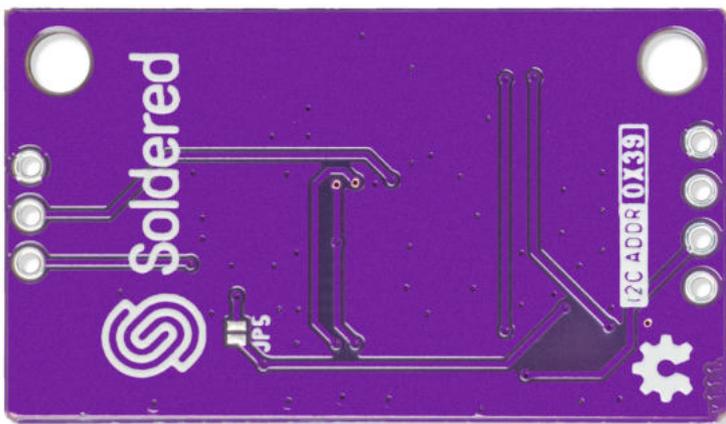
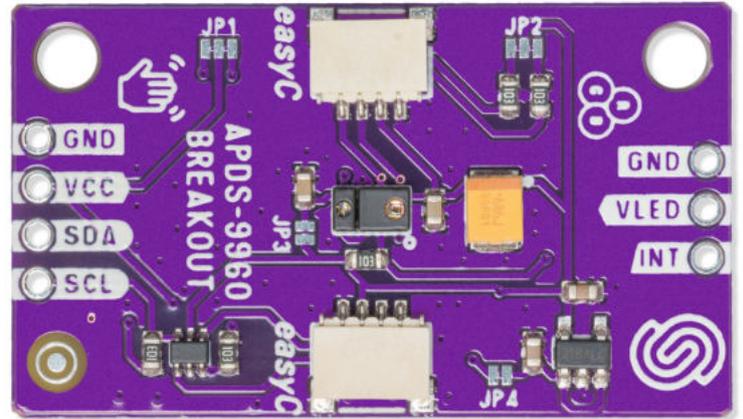
### FEATURES

- Voltage: 3.3V
- Voltage I2C: 3.3V
- Connectors: 2x easyC
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- Dimensions: 38 x 22 mm / 1.5 x 0.9 inch

### USEFUL LINKS

- [Arduino library](#)
- [Datasheet](#)
- [Open-Source Hardware files](#)

## OTHER IMAGES



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