



GEST9960B

APDS-9960 Digital RGB, Ambient Light detector, Proximity and Gesture Sensor

DESCRIPTION

The TexDuino APDS-9960 is a digital RGB, Ambient Light detector, Proximity and Gesture Sensor. Hole pattern spaced at 15mm, making it easy to install on standard robot chassis plates.

FEATURES

- Ambient Light & RGB Color Sensing
- Proximity Sensing
- Gesture Detection
- I2C interface
- Gesture detection range: 4 to 8 inches (10 to 20 cm)
- Operational voltage: 3.3V
- Low power: 1.0 μ A in sleep mode

PIN DESCRIPTION (See Avago Technologies APDS-9960 datasheet for complete details)

| Symbol | Pin # | Description |
|---------------|--------------|---|
| Vcc | 1 | Power Supply Voltage 3.3V (Max 3.8V) |
| SDA | 2 | I2C Serial Data Input/Output |
| INT | 3 | Interrupt. Active Low. Open Drain |
| SCL | 4 | I2C Serial clock input |
| Gnd | 5 | Ground |

