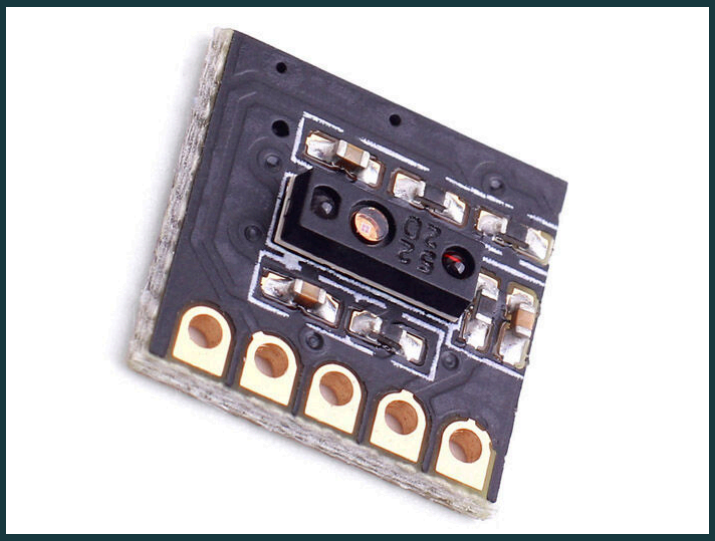
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INDUSTRIAL PRODUCT DATASHEET

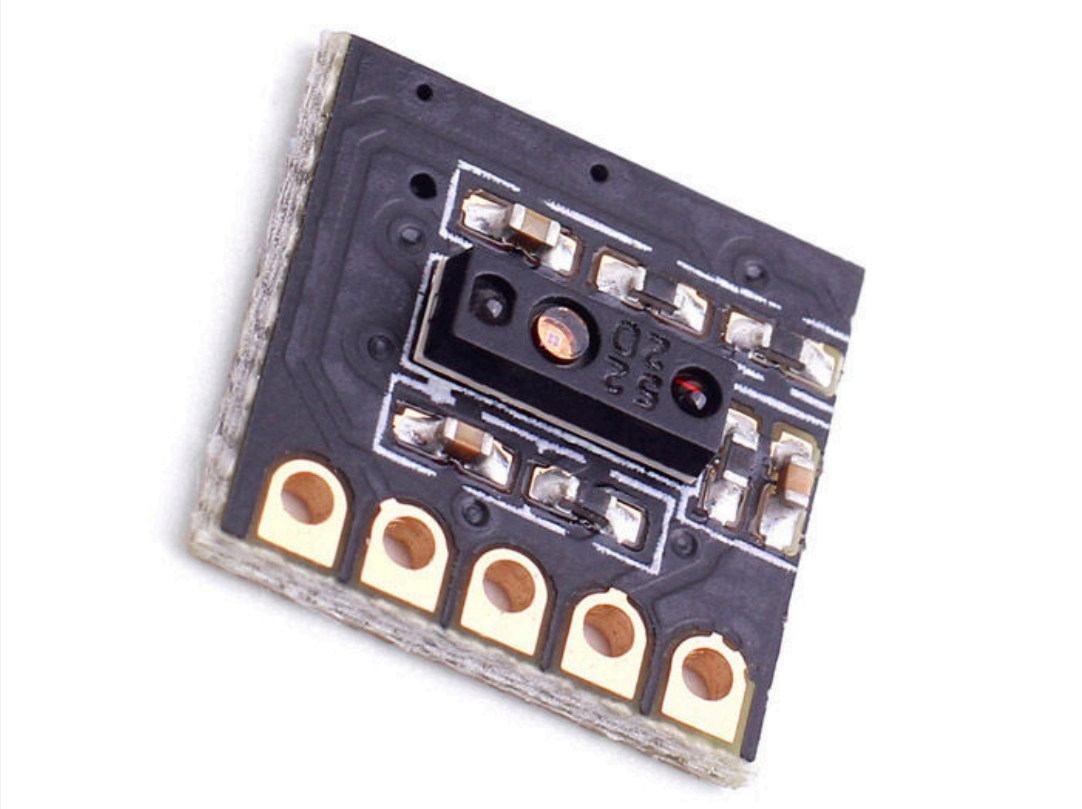
Gesture R "Tiny"

Gesture R "Tiny": a 11 x 11 mm gesture, proximity, and ambient light sensor module for Arduino and DIY applications.

SKU	UPDATED	PRICE
101990069	2025-07-30 07:38:08	$20.00(Excl. VAT)



Overview



The Gesture R "Tiny" is an ultra-compact 11 x 11 mm module combining gesture sensing (4 directions, 3 speeds), proximity sensing (up to 10 cm), and ambient light sensing (3 levels). It communicates via I2C with Arduino or other microcontrollers, enabling touchless control for DIY devices.

Key Features

GestureR is a single tiny module that includes Gesture Sensing, Proximity Sensing, and Ambient Light Sensing, they brings you to your DIY devices, with one of the latest technologies in advanced smartphones !

GestureR is the first gesture sensing shield you can find in the market, it is tiny ; inexpensive and user-friendly

KickStarter URL

GestureR TINY

-
- Size around 11 x 11mm
-
- Ultimately small size and thin.
-
- Best for making tiny DIY Gesture controlled devices

We also have Gesture R "**Shield**" and Gesture R “**bread**”， please click to check.

Features:

GestureR can communicate with any Arduino Host or other microcontrollers through I2C interface. Sample codes for most of the useful functions in Arduino format are available.

Gesture Sensing:

GestureR can distinguish your gesture in 4 directions in 3 different speeds.

Proximity Sensing:

GestureR can sense the distance of an object up to 10cm from the sensor.

Ambient Light Sensing:

GestureR can measure three level of ambient light.

Applications

Gesture controlled control products such as AC Power; Appliance and lighting control.

-
- GestureR + Relay Shields = Touchless Power Switch
-
- GestureR + IR Controller Shields = Smart Remote
-
- GestureR + LED Panel Shields = Smart Lamp

Controller in hygiene environments

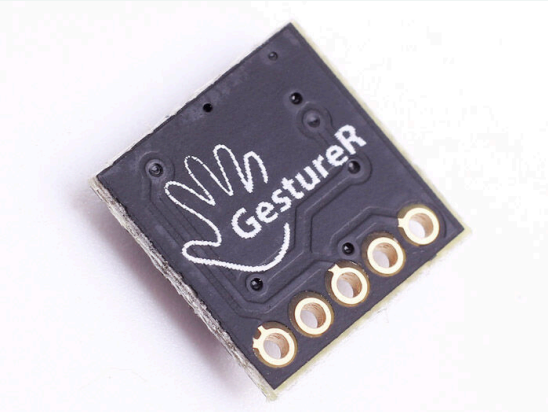
Specification of Gesture Sensor

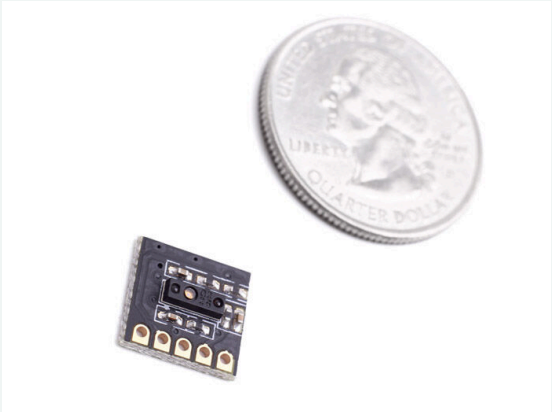
Documents：

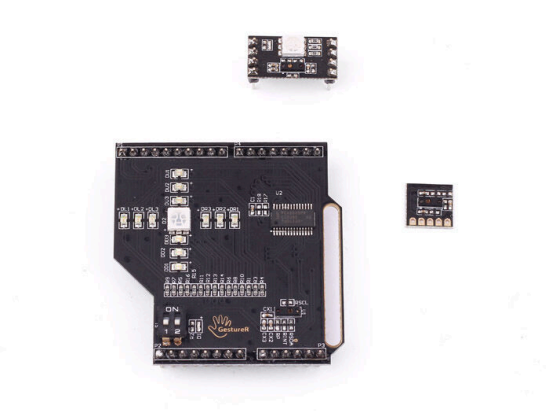
-
- GestureR User Manual
-
- GestureR Sample Codes
-
- Schematic in Altium and pdf format
-
- PCB design files in Altium format

For any technical support or suggestion, please kindly go to our **forum**.

Product Gallery







Part List

-
  - Size around 11 x 11mm
-
  - Ultimately small size and thin.
-
  - Best for making tiny DIY Gesture controlled devices

Compliance & Logistics

HSCODE	
UPC	841454109068
COO	CHINA

Resource Links

- https://www.seeedstudio.com/Gesture-R-Tin-p-2237.html

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