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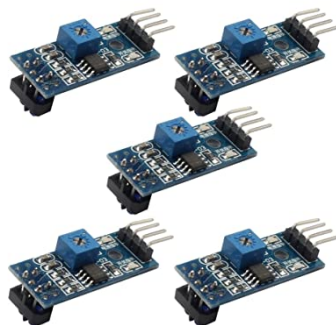
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DAOKI 5PCS TCRT5000 Infrared Reflective Sensor Module IR Barrier Line Track Photoelectric Switch

Brand: DAOKI

13 ratings | 6 answered questions

Price: **\$5.95**

- Using infrared reflective sensor TCRT5000.
- Detection of reflection distance: 1 mm to 25 mm.
- The comparator output signal clean, good waveform, driving ability, more than 15mA.
- With a multi-turn precision potentiometer adjustable sensitivity adjustment.
- The working voltage of 3.3V - 5V.

Specifications for this item

Brand Name	DAOKI
Ean	0695259096913
Item Weight	0.160 ounces
Model Number	TS-US-109-CA
Part Number	TS-US-109-CA
UNSPSC Code	32000000
UPC	695259096913

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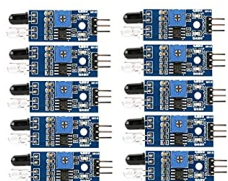


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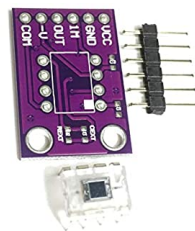
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Product description

Introduce:

TCRT5000 infrared sensor emits infrared emitting diode continuously when no infrared rays emitted or reflected back is reflected back but the strength is not large enough, the phototransistor has been in the off state, and the output terminal of the module is high, indicating that the diode has been in the off state; in the object to be detected within the detection range, and the intensity of the reflected infrared rays is large enough, phototransistor saturated, and the output terminal of the module is low, the indicator LED is lit.

Feature:

1. Using infrared reflective sensor TCRT5000
2. The detection distance: 1mm ~ 8mm apply focal distance of 2.5mm
3. The comparator output signal clean, good waveform, driving ability, more than 15mA.
4. With a multi-turn precision potentiometer adjustable sensitivity adjustment
5. The working voltage of 3.3V-5V
6. The output format: digital switching outputs (0 and 1)
7. A fixed bolt holes for easy installation
8. A small PCB board size: 3.2cm x 1.4cm
9. Using a wide voltage LM393 comparator

Uses:

1. Meter pulse data sampling
2. Fax paper shredders detection
3. Obstacle detection
4. Black and white line detection

Package included:

100% Brand New
5x IR Barrier Line Track Sensor

Product details

Is Discontinued By Manufacturer : No

Package Dimensions : 4 x 3.7 x 0.2 inches; 0.16 Ounces

Item model number : TS-US-109-CA

Date First Available : May 17, 2015

Manufacturer : DAOKI

ASIN : B00XT0PBC0

Best Sellers Rank: #158,551 in Industrial & Scientific (See Top 100 in Industrial & Scientific)

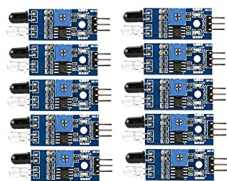
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Customer reviews

4.5 out of 5

13 global ratings



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JB

Five Stars

Reviewed in the United States on March 13, 2018

Verified Purchase

worked great for my project

Helpful

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SSB

Adjustable sensitivity infra red transreceiver

Reviewed in the United States on January 28, 2017

Verified Purchase

Nicely assembled and convenient to use various projects like line follower, obstacle avoiding robot etc.

Helpful

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jballer24

Great Sensor, but for me was in negative logic

Reviewed in the United States on June 22, 2016

Verified Purchase

Great Sensor, but for me was in negative logic. I used an inverter gate to produce the logic

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output i needed.

Helpful

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H2Mac

Five Stars

Reviewed in the United States on October 29, 2017

Verified Purchase

Perfect for my app. When are more coming in?

Helpful

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5thBaker

but have been pleased with the function

Reviewed in the United States on February 16, 2017

Verified Purchase

I have only tested the digital signal, but have been pleased with the function.

Helpful

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Amazon Customer

Works as decribed, reliable and great sesitivity adjustment

Reviewed in the United States on October 19, 2016

Verified Purchase

Work as described. I used them as a 1/2" tube fill stop directly driving a relay with the 5V signal output. Easy to set up and I like that the sensitivity is easily adjustable.

Helpful

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Wang L.

Good sensor

Reviewed in Canada on March 20, 2021

Verified Purchase

It works as expected, this is a very good sensor I would remember everyone buy it.

Report abuse



Eric Gauthier

Excellent produit

Reviewed in Canada on March 15, 2021

Verified Purchase

Parfait !

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