OBSTACLE SENSOR WITH EASYC

Weight	6 g
Description	a

DESCRIPTION

The TCRT5000 is an infrared (IR) reflective sensor module that is commonly used for proximity sensing and line-following applications. It consists of an infrared emitter and a phototransistor placed side by side in a compact package. The emitter emits infrared light, which gets reflected off nearby objects, and the phototransistor detects the intensity of the reflected light.

This sensor module is widely used in robotics and automation projects. It can be used to detect the presence or absence of objects by measuring the intensity of reflected infrared light. It is also commonly employed in line-following robots where it can detect and follow lines marked with contrasting colors.

The TCRT5000 operates on a supply voltage typically ranging from 3.3V to 5V. The breakout board provides digital and analog information through the easyC system. Sensor readings are obtained through easyC.

Product usage tips:

Two mounting holes enable easy mounting to surfaces.

FEATURES

- Sensor: TCRT5000
- IC: ATTiny404
- easyC connectors
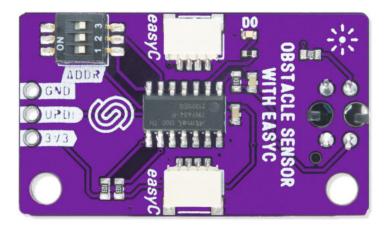- Dimensions: 38 x 22 mm / 1.5 x 0.9 inch

USEFUL LINKS

- [Arduino library](#)

- [Pinout](#)
- [Datasheet](#)
- [Open-Source Hardware files](#)

OTHER IMAGES

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