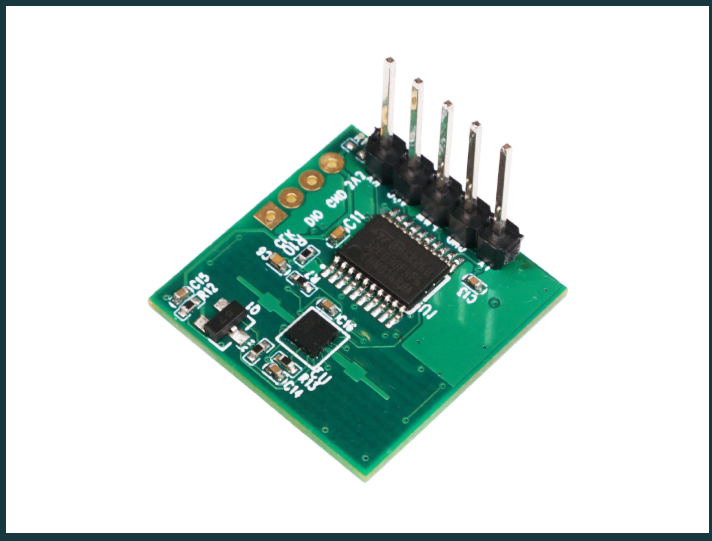
seeed studio

INDUSTRIAL PRODUCT DATASHEET

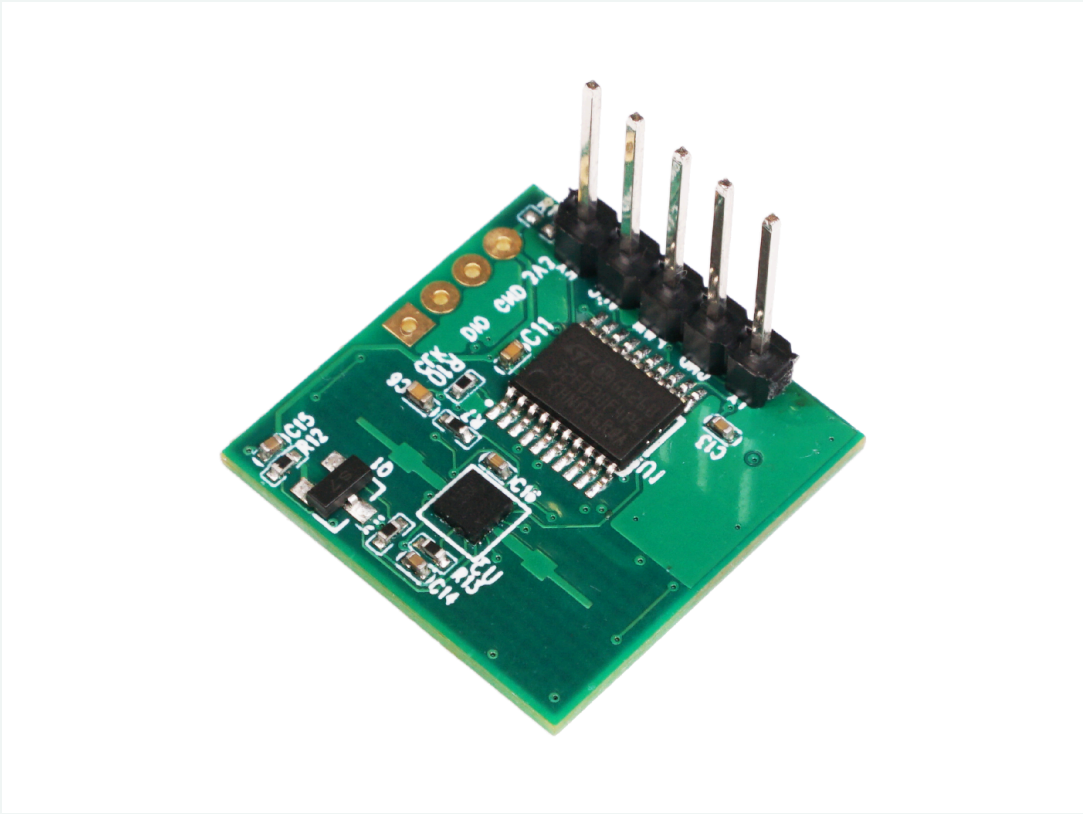
Microwave Sensor - 24GHz Doppler Radar Motion Sensor - MW2401TR11

MW2401TR11 is a 24GHz human motion microwave sensor module product with high integration and a highly intelligent algorithm, it equipped with the high-performance transceiver.

SKU	UPDATED	PRICE
102110464	2026-11-11 08:32:31	$15.00(Excl. VAT)



Overview



MW2401TR11 is a 24GHz human motion microwave sensor module product with high integration and a highly intelligent algorithm, it equipped with the high-performance transceiver.

Key Features

01 **Recognize people tiny movement sensitively**

02 **24Ghz Microwave module can high effectively recognize object state**

03 **Support original signal, digital high-level signal and low-level signal output**

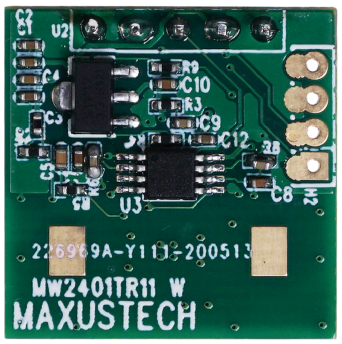
04 **Sense of Distance and sensitive are support to adjustable (Maximum**
20 meters)

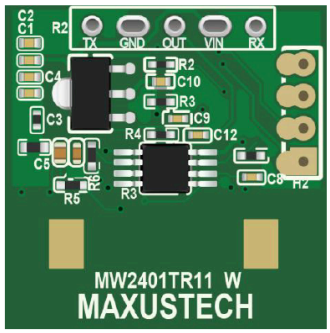
05 **Mini size antenna with 170 ° azimuth angle detection function**

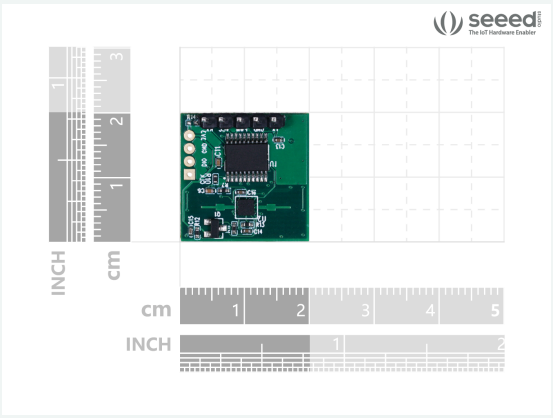
06 **There are reserve I/O port and support to communicate UART port**

07 **FCC/CE/RS authentication test standards**

Product Gallery







Applications

- it has an excellent sense of distance and sensitivity (maximum: 20 meter) to used as Intrusion Alarm and Movement Detection.
- A sensing range of 170° antenna can be used in Home automation such as a smart lamp, smart toilet lip, and other projects.

Resource Links

- https://www.seeedstudio.com/Microwave-Sensor-24GHz-Doppler-Radar-Motion-Sensor-MW2401TR11-p-4690.html
- MW2401 serial port HEX communication protocol

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