

INDUSTRIAL PRODUCT DATASHEET

High Accuracy RTC (DS3231) for Raspberry Pi

High Accuracy RTC (DS3231) for Raspberry Pi with low-power timekeeping, two time-of-day alarms, and fast I2C for utility power meters, telematics, and GPS.

SKU

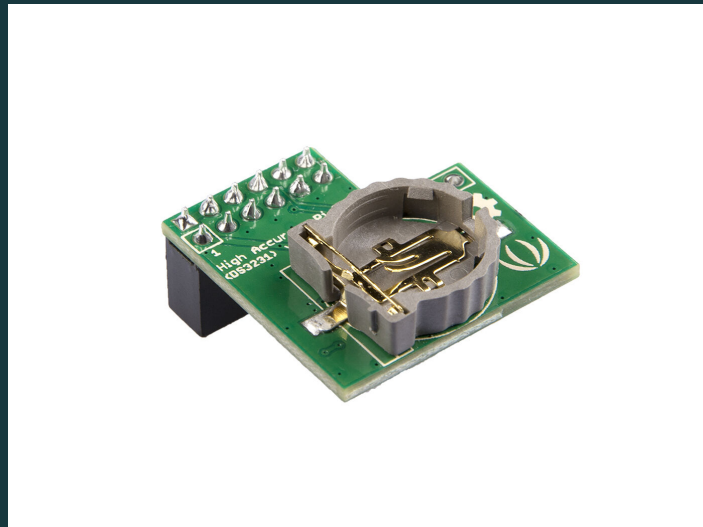
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UPDATED

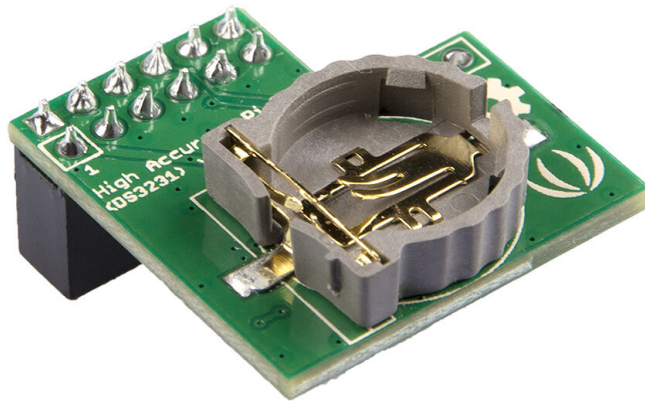
2026-05-26 01:03:34

PRICE

\$12.00(Excl. VAT)



Overview

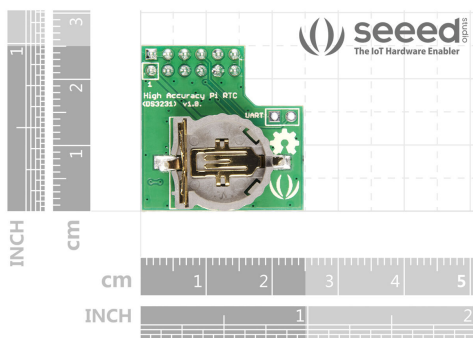
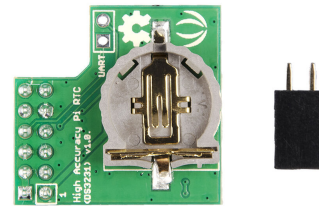
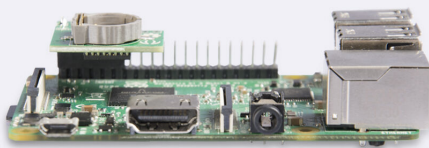
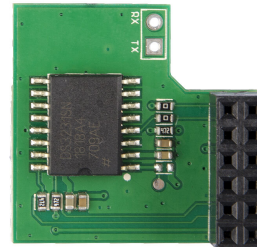
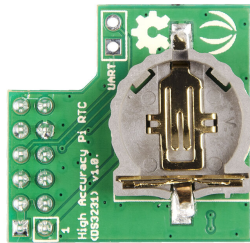


The High Accuracy RTC (DS3231) for Raspberry Pi provides precise timekeeping with support for Raspberry Pi Zero/2/3B/3B+/4, low-power consumption, and two time-of-day alarms via a fast 400kHz I2C interface. It is ideal for applications such as utility power meters, telematics, and GPS.

Key Features

- Support Raspberry Pi Zero/2/3B/3B+/4
- Maintains seconds, minutes, hours, day, date, month, and year information.
- Support 24-hour or 12-hour format with AM/PM indicator
- Low-Power Consumption
- Two Time-of-Day Alarms
- Fast (400kHz) I2C Interface

Product Gallery



Applications

- Utility Power Meters
- Telematics
- GPS

Part List

High Accuracy Pi RTC (DS3231)	1
2pin Header	1

Compliance & Logistics



HSCODE	8473309000
USHSCODE	8473309100
UPC	841454121664
EUHSCODE	8473302000
COO	CHINA

Resource Links

- <https://www.seeedstudio.com/High-Accuracy-Pi-RTC-DS3231.html>
- High Accuracy Pi RTC(DS3231) Eagle Files
- Seeed Pi RTC Library
- Datasheet DS3231

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