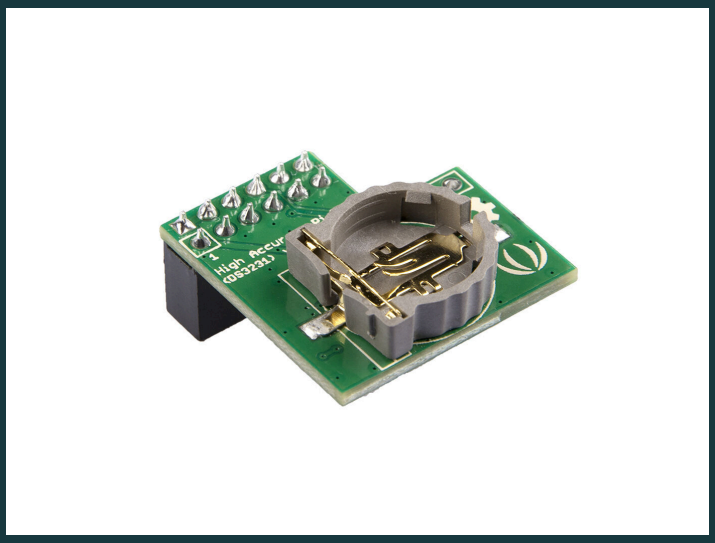
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INDUSTRIAL PRODUCT DATASHEET

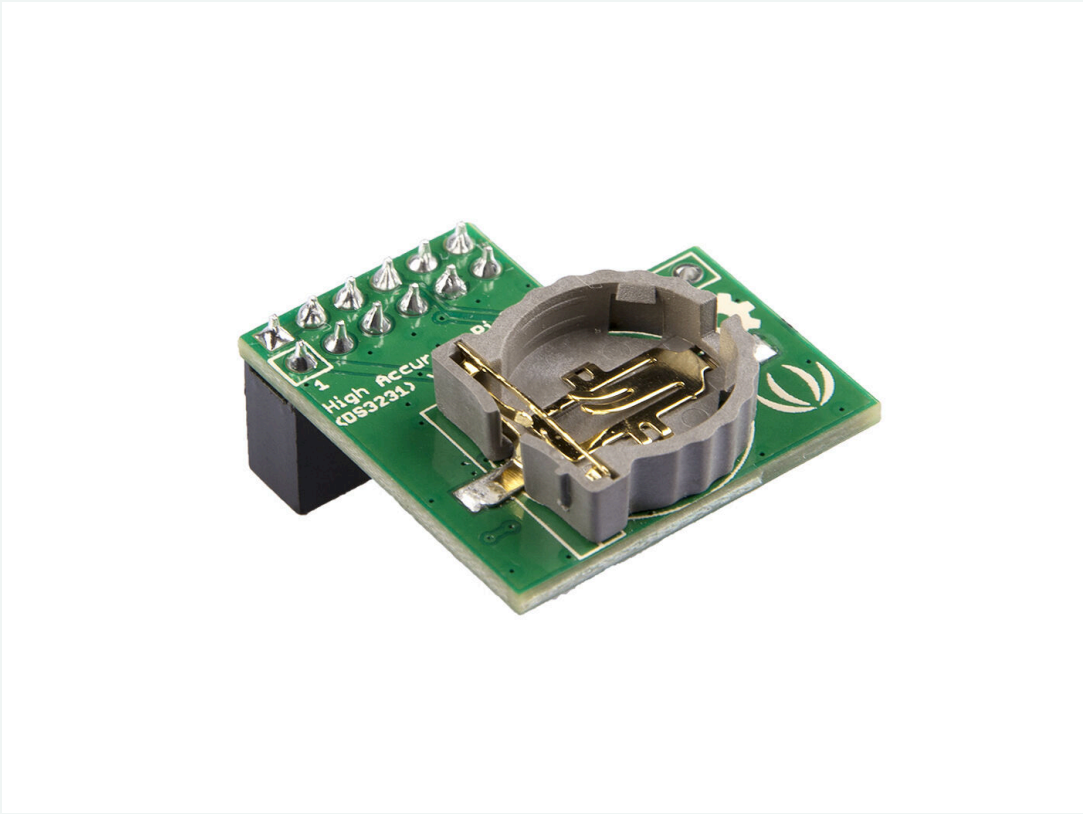
High Accuracy RTC (DS3231) for Raspberry Pi

The High Accuracy Pi RTC is based on the clock chip DS3231.

SKU	UPDATED	PRICE
103030278	2026-11-11 08:09:40	$12.00(Excl. VAT)



Overview



The High Accuracy Pi RTC is based on the clock chip DS3231. The DS3231 is a low-cost, extremely accurate I2C realtime clock (RTC). It provides an RTC for Raspberry Pi via the I2C interface. The RTC maintains seconds, minutes, hours, day, date, month, and year information.

Key Features

01 **Support Raspberry Pi Zero/2/3B/3B+/4**

02 **Maintains seconds, minutes, hours, day, date, month, and year information.**

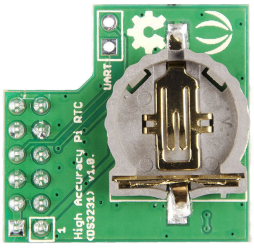
03 **Support 24-hour or 12-hour format with AM/PM indicator**

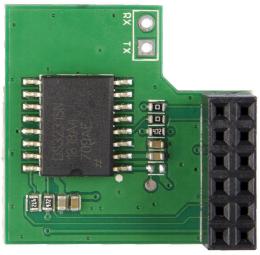
04 **Low-Power Consumption**

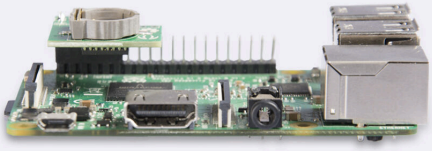
05 **Two Time-of-Day Alarms**

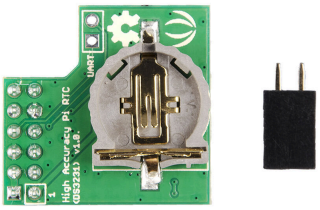
06 **Fast (400kHz) I2C Interface**

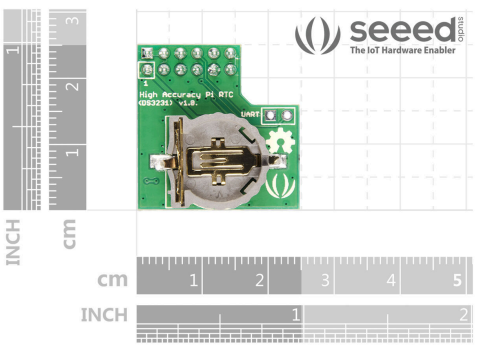
Product Gallery











Applications

- **Any applications need Real-Time on Raspberry Pi such as:**
- **Utility Power Meters**
- **Telematics**
- **GPS**

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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