

RaspberryPi

Precision RTC Module for Pico

Incorporates High Precision

Model:PICO-RTC-DS3231

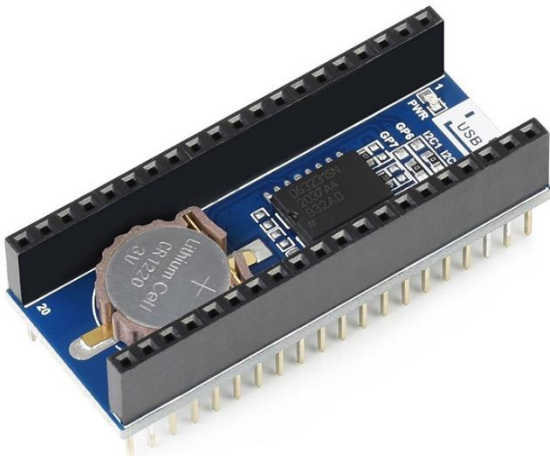


Features:

- The Pico-RTC-DS3231 is a RTC expansion module specialized for Raspberry Pi Pico. It incorporates high precision RTC chip DS3231 and uses I2C bus for communication. More external sensors are allowed to be connected thanks to the stackable design.
- Standard Raspberry Pi Pico header, supports Raspberry Pi Pico series
- Onboard high precision RTC chip DS3231, with backup battery holder
- Real-Time Clock Counts Seconds, Minutes, Hours, Date of the Month, Month, Day of the Week, and Year with Leap-Year Compensation Valid Up to 2100
- Optional format : 24-hour OR 12-hour with an AM/PM indicator
- 2x programable alarm clock
- Comes with development resources and manual (Raspberry Pi Pico C/C++ and MicroPython examples)

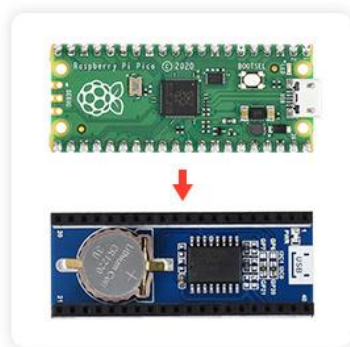
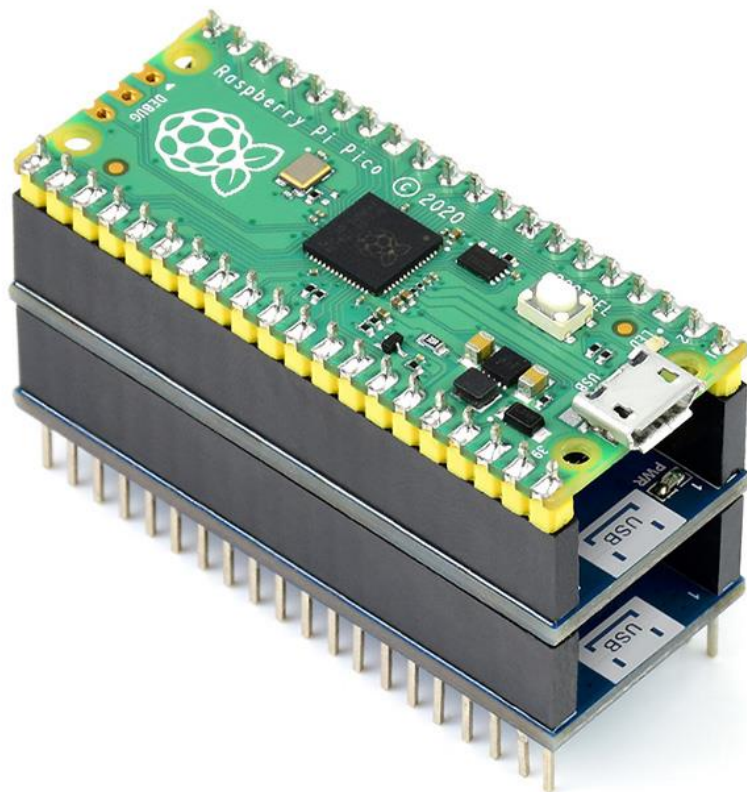
Specifications:

Operating Voltage	3.3V
Backup Battery Voltage	2.3V ~ 5.5V
Operating Temperature	-40°C ~ +85°C
Power Consumption	100nA (sustains data and clock information)



Raspberry Pi Pico Header Compatibility:

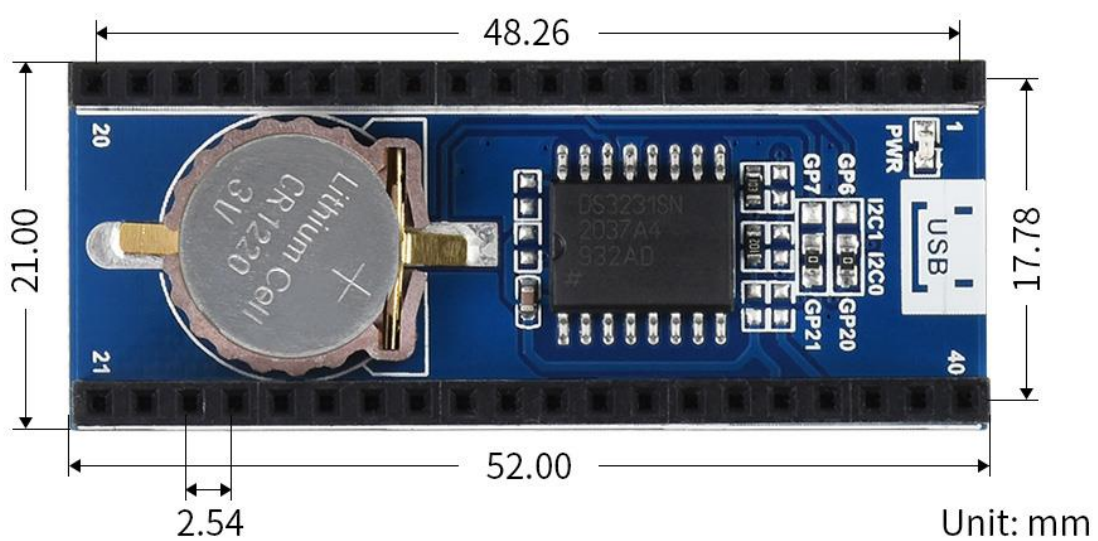
Onboard Female Pin Header for Direct Attaching to Raspberry Pi Pico
Stackable Design



* Please correctly connect the Module and Raspberry Pi Pico as the picture shown.

Note: Raspberry Pi Pico is NOT included.

Outline Dimensions:



Made in China