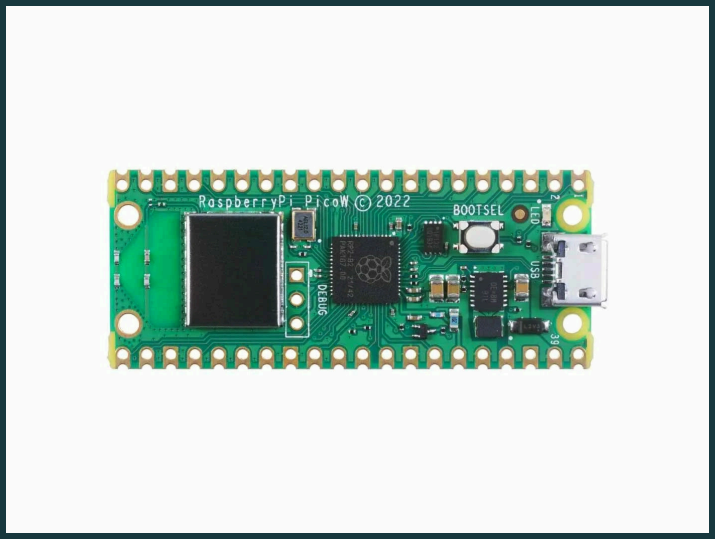
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INDUSTRIAL PRODUCT DATASHEET

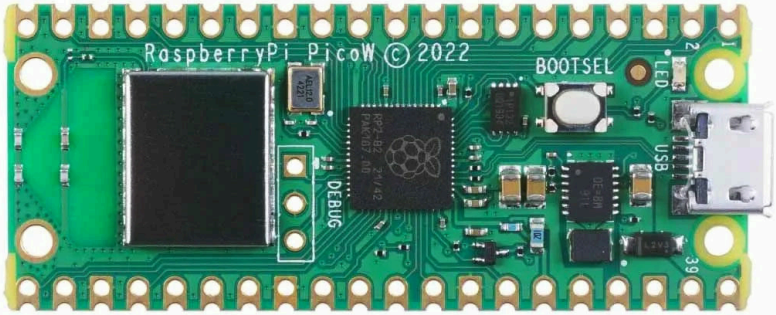
Raspberry Pi Pico W - Raspberry Pi RP2040 chip, Wi-Fi & Bluetooth 5.2 supported, beginner-friendly microcontroller, small & flexible design

Raspberry Pi Pico W equips Raspberry Pi 2040(RP2040) chip, providing Wi-Fi & Bluetooth wireless connectivity, offering satisfactory performance in microcontrollers and yet costed at a relatively low price.

SKU	UPDATED	PRICE
102110738	2026-11-11 08:49:12	$6.00(Excl. VAT)



Overview



Raspberry Pi Pico W equips Raspberry Pi 2040(RP2040) chip, providing Wi-Fi & Bluetooth wireless connectivity, offering satisfactory performance in microcontrollers and yet costed at a relatively low price. It is perfectly designed for the beginners to electronics, pretty suitable for wireless IoT controlling applications.

Key Features

01 **Small and flexible Raspberry Pi microcontroller**

Equip with featured tiny RP2040 microcontroller chip with 30 GPIO pins

02 **Wireless Connection Supported**

Incorporate Wi-Fi IEEE 802.11 b/g/n wireless LAN, as well as Bluetooth 5.2 connection

03 **Relatively low price for high performance**

Best price ratio for one wireless microcontroller represented by Raspberry Pi

04 **Simple easy to use**

Drag & drop programming using mass storage over a USB through MicroPython

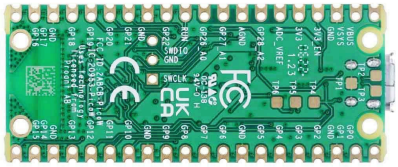
05 **Designed for beginners/children**

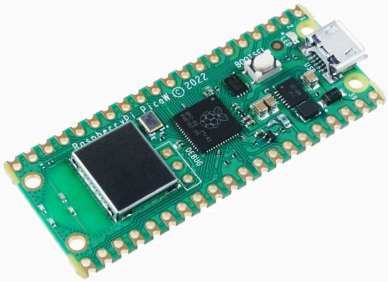
Provide tons of projects/tutorials, allowing for quick positive programming feedback, getting started well with electronics

06 **Multiple beginner-friendly assistance provided**

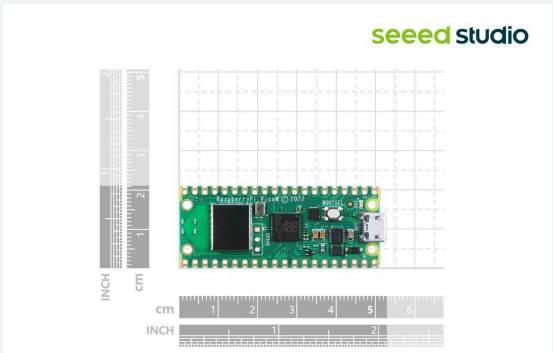
Free uploaded comprehensive C/C++/Micropython SDK, software examples, and documentation

Product Gallery









Applications

- Wireless IoT controlling
- Small & Smart Home Appliance
- Wi-Fi Network assembly

Resource Links

- https://www.seeedstudio.com/Raspberry-Pi-Pico-W-p-5429.html
- Raspberry Pi Pico W product brief
- Raspberry Pi Pico W datasheet
- Connecting to the internet with Raspberry Pi Pico W
- Raspberry Pi Pico W design files (Cadence Allegro)
- Raspberry Pi Pico W STEP file
- Debug connector specification

Seeed Technology Co.,Ltd.
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676
Web: www.seeed.cc
Shop: www.seeedstudio.com