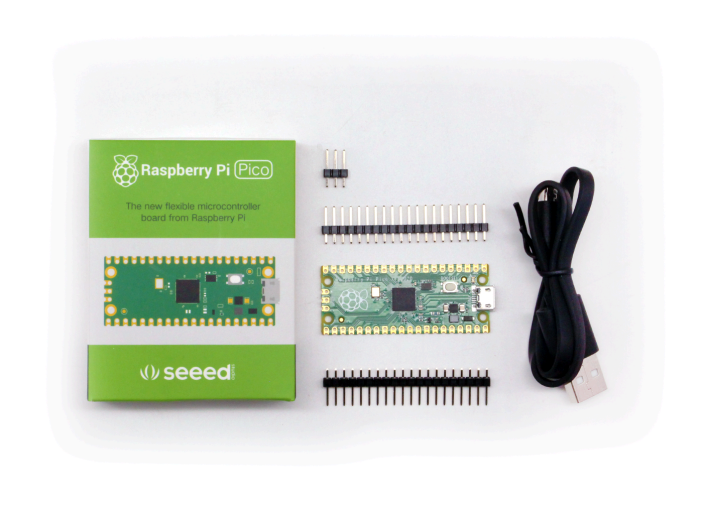
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INDUSTRIAL PRODUCT DATASHEET

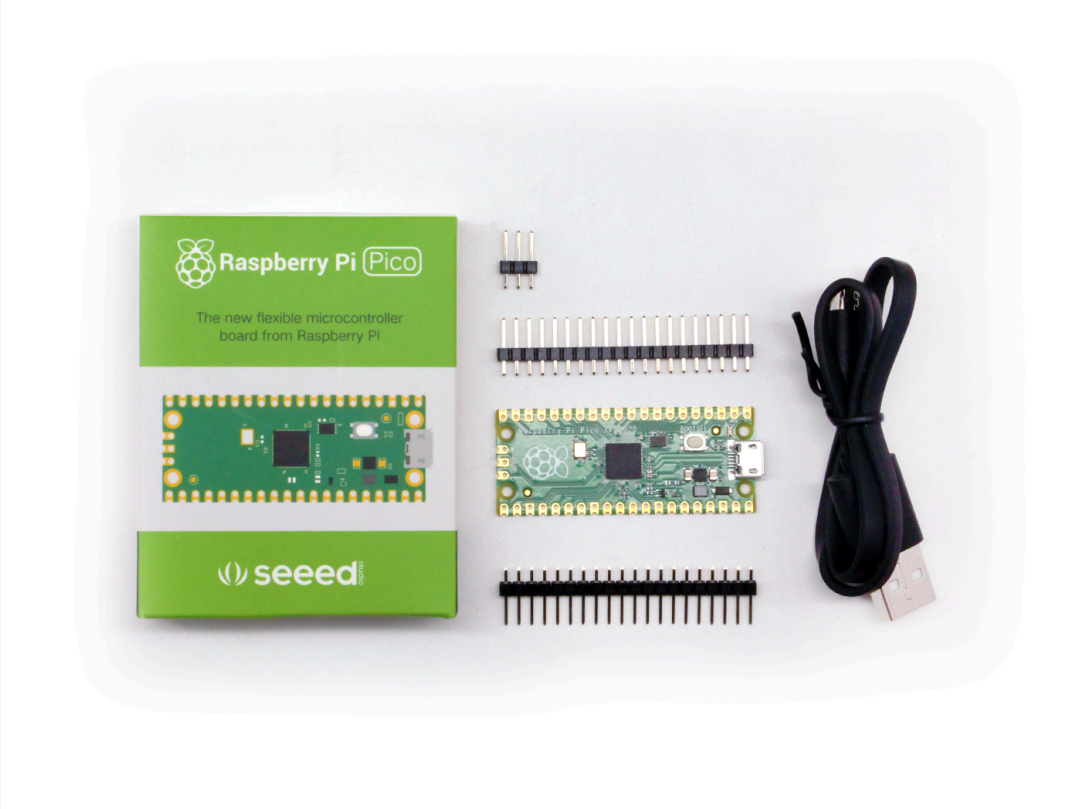
Raspberry Pi Pico Basic Kit

The Raspberry Pi Pico is a new flexible microcontroller board based on the Raspberry Pi RP2040 microcontroller chip.

SKU	UPDATED	PRICE
110061282	2026-11-11 08:38:35	$5.50(Excl. VAT)



Overview



The Raspberry Pi Pico is a new flexible microcontroller board based on the Raspberry Pi RP2040 microcontroller chip. It featured with Dual-core ARM Cortex M0+ processor, flexible clock running up to 133 MHz.

Key Features

01 Dual-core ARM Cortex M0+ processor, flexible clock running up to 133 MHz

02 264KB of SRAM, and 2MB of on-board Flash memory

03 Castellated module allows soldering direct to carrier boards

04 USB 1.1 Host and Device support

05 Low-power sleep and dormant modes

06 Comprehensive C/C++/Micropython SDK, software examples, and documentation

07 Drag & drop programming using mass storage over USB

08 26 × multi-function GPIO pins

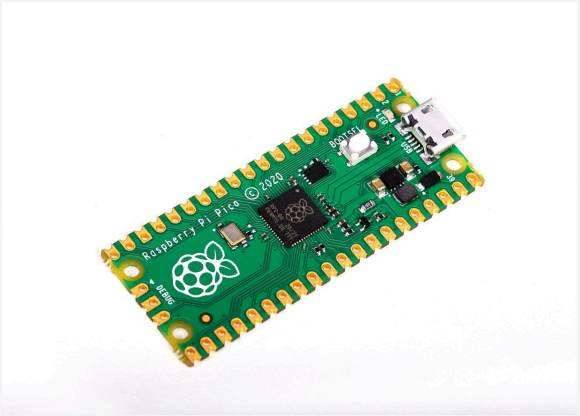
09 2 × SPI, 2 × I2C, 2 × UART, 3 × 12-bit ADC, 16 × controllable PWM channels

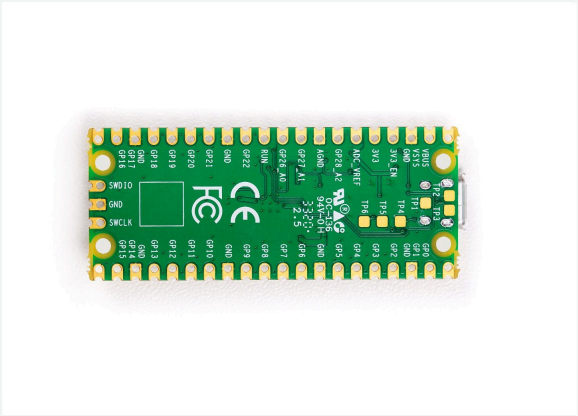
10 Accurate clock and timer on-chip

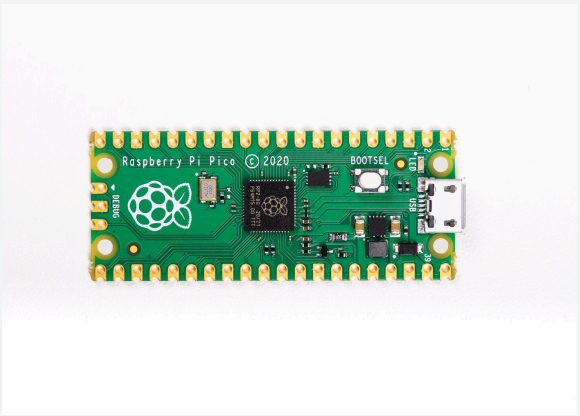
11 Temperature sensor

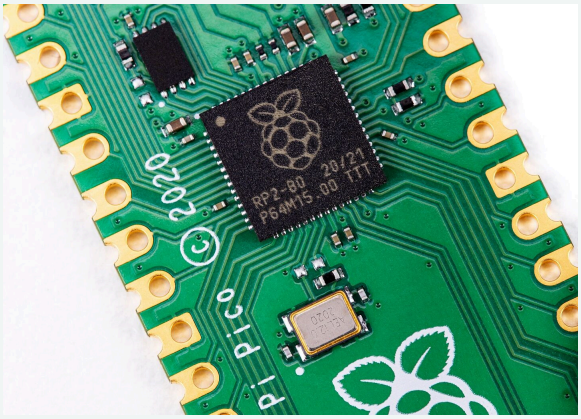
12 Accelerated floating-point libraries on-chip

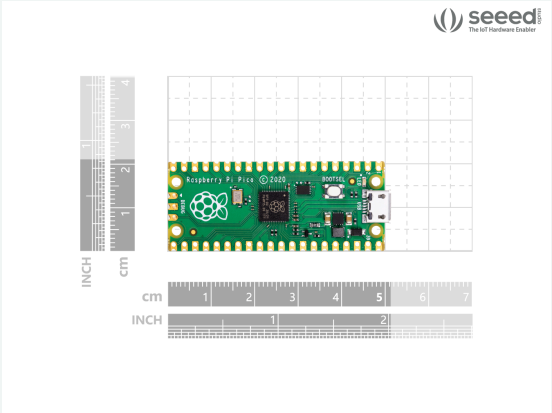
Product Gallery











Resource Links

- https://www.seeedstudio.com/Raspberry-Pi-Pico-Basic-Kit-p-4844.html
- Raspberry Pi Pico Datasheet
- RP2040 Datasheet
- Hardware design with RP2040
- Getting started with Raspberry Pi Pico
- Pico C/C++ SDK
- Pico Python SDK

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