Item no.: 384190
EB7495 - Raspberry Pi RP2040 microcontroller

from **1,05 EUR**

Item no.: 384190
shipping weight: 0.10 kg
Manufacturer: Raspberry Pi Foundation

🗎 Product Description

The Raspberry Pi RP2040 is the first microcontroller to be developed directly by the Raspberry Pi Foundation ("Raspberry Silicon") itself. Among other things, it has:- Dual-Core Arm Cortex-M0+ @ 133MHz- 264KB on-chip RAM integrated- Support for up to 16 MB off-chip flash memory via a QSPI bus- DMA controller- Interpolator and integer divider peripherals- 30 GPIO pins, of which 4 can be used as analogue inputs- 2 × UARTs, 2 × SPI controllers and 2 × I2C controllers- 16 × PWM channels- 1 × USB-1.1 controller and PHY, with host and device support- 8 × Raspberry Pi programmable I/O (PIO) ports- USB mass storage boot mode with UF2 support, for drag-and-drop programmingUntil now, the RP2040 was only available on the Raspberry Pi Pico and as a component for a limited number of partners. Now the RP2040 circuit is also available as a single component for the broad market. This enables cost-effective use in your own developments and devices.

🗎 Specifications

Scan this QR code to view the product
All details, up-to-date prices and availability