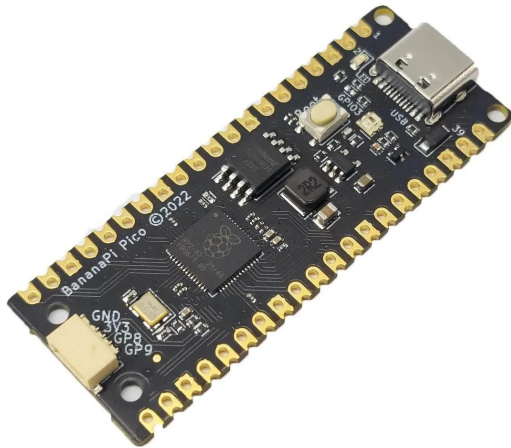**Item no.:** BPI-PICO-RP2040

BPI-PICO-RP2040 - Banana Pi BPI-Pico-RP2040

from **5,08 EUR**

Item no.: BPI-PICO-RP2040
shipping weight: 0.10 kg
Manufacturer: BPI

📄 Product Description

The Banana Pi Pico series is a low-power microcontroller development board designed for the Internet of Things.BPI-Pico-RP2040 is a microcontroller development board from Banana Pi equipped with an RP2040 chip. Its most notable feature is the addition of an onboard WS2812 colour LED; replace the 3-pin DEBUG interface with a JST SH 1 mm 4-pin socket, which can be connected to Qwiic & STEMMA QT or any peripherals; replace the micro USB socket with a USB Type-C socket, supports reversible plugging and is compatible with the USB Type-C cable of most modern smartphones, no additional purchase is required.

Details- Dual-core ARM Cortex M0+ CPU cores (up to 133 MHz)- 264 K SRAM- 2 MB Flash- 26 available GPIO pins, 4 of which support an analogue ADC input- 1x LED- 1x Neopixel LED- 1x SH 1.0 4-pin socket- 1x USB Type-C socketHardware- Main chip: RP2040, dual-core ARM Cortex M0+ CPU cores- Frequency: 133 MHz max.- Operating temperature: -20°C ~ +85°C- On-chip SRAM: 264 KB- On-board FLASH: 2 MB- GPIO: 26 GPIO- ADC: 4 analogue inputs- PIO: I2C; SPI, DSPI, QSPI; UART; SDIO (SD card); I2S; 8080 and 6800 parallel port- USB input voltage: 5 V- 3V3 output current: 2 A max.- Neopixel LED: 1- LED: 1- USB Type-C socket: 1- SH 1.0 4-pin socket: 1

📄 Specifications

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