MAINBOARD MODEL PICO WIFI

€ 10,74
Excl. BTW: € 8,88

Afbeeldingen

Beschrijving

A new member of the Pico family, the Pico W maintains the power and flexibility of the previous model but adds wireless connectivity allowing for greater integration into IoT applications. WiFi support is enabled via the integrated Infineon CYW43439 chip and contained in a metal shield can to reduce compliance costs. The Pico features flexible digital interfaces and can be easily programmed over USB using C/C++ or MicroPython, thanks to a comprehensive SDK with software examples and full documentation.

- Raspberry Pi designed RP2040 chipset
- Dual core ARM Cortex M0+ processor at up to 133MHz with variable core frequency
- Integrated Infineon CYW43439 chip with WPA3 and SoftAP (up to 4 clients)
- Supports 2.4GHz 802.11b/g/n wireless LAN connections
- 264kB SRAM & 2MB onboard flash memory
- 26 Multifunction GPIO pins (23x digital only, 3x ADC capable)
- 2x SPI, 2x I2C, 2x UART, 3x 12-bit ADC and 16x controllable PWM channels
- The Pico can be surface mounted as a module
- Accurate clock and timer on chip
- Temperature sensor
- Accelerated floating point libraries
- Micro USB port for power & data
- 3-pin JST-SH debug header

Voetnoten

Note: Initially WiFi will be supported by MicroPython only with C/C++ support to come later. While the CYW43439 chip supports Bluetooth, this will not be supported on the Pico W at launch

Productinformatie

Artikelnummer	RBPMN/PICW
Merk	RASPBERRY PI