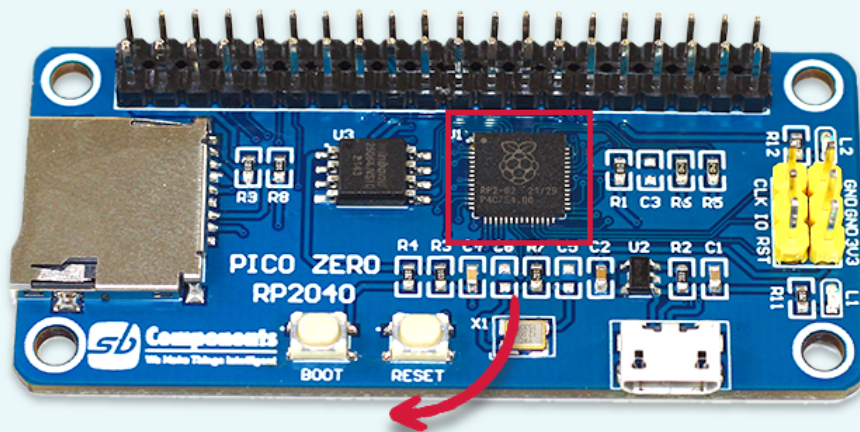


Announcement - New Products Launch

Pico Zero RP2040 Launching on Kickstarter

Pico Zero **RP2040**

RP2040 based board on Pi Zero Form Factor



RP2040 Microcontroller

High Power | Low Cost | 16xPWM Channels

London, United Kingdom Jan 21, 2022 (Issuewire.com) - Pico Zero RP2040: RP2040 Based Board on Pi Zero Form Factor

RP2040 Chip | Micro-SD Card Slot | 64 MB Flash Memory | Two Buttons | Micro-USB Power Supply Port | Standard Raspberry Pi 40 Pins

Pico Zero RP2040 - Introductions

[Pico Zero RP2040](#) is a compact and advanced board that is designed with the RP2040 Microcontroller, which provides one set of 2x20 pin headers on which you can connect Raspberry Pi HATs. It means that one can plug HAT designed for Raspberry Pi and run it via the Pico Zero RP2040 that would

make the user perform the advanced functions on it.

Pico Zero RP2040 consists of standard Raspberry Pi 40 pins on its board for any HAT. One can plug Raspberry Pi HAT by directly putting it on the Pico Zero RP2040 that has the power pins for the connection. Pico Zero RP2040 is a board on which, clear and descriptive pin labels make the process easier for the user.

RP2040 microcontroller

RP2040 is an advanced microcontroller with flexible digital interfaces that has a surprising amount of efficiency and power for a low price in a compact size. It consists of a low-power ARM processor and dual Arm Cortex-M0+ processors (up to 133MHz), embedded 264KB of on-chip RAM, DMA controller, 2 × UARTs, 2 × SPI controllers, and 2 × I2C controllers which let the module run faster. One of the great advantages of this low-cost microcontroller is the inclusion of a powerful new chip, the RP2040, at a worry-free price, which will aid customers in developing cost-effective embedded electronics items or projects.

Pico Zero RP2040 Benefits

- Economical
- Compact
- Connectivity with Raspberry Pi HAT
- Easy Assembly

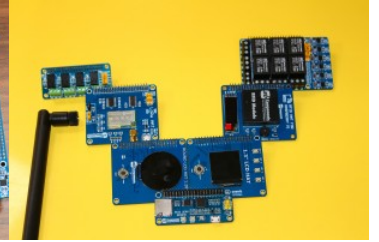
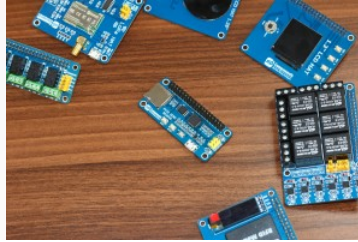
Pico Zero RP2040 Specifications

- Operating Voltage - 3.3 V
- Dimensions –
- Pins – 40
- Communication - GPIO/UART/SPI

Pico Zero RP2040 Applications

- Attendance System
- Robotic Cars
- Smart Attendance System
- Smart Home
- Security System
- Toll-Tax System

Launch Link: <https://www.kickstarter.com/projects/1415622428/pico-zero-rp2040-pico-based-board-on-pi-zero-form-factor>



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[See on IssueWire](#)