Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

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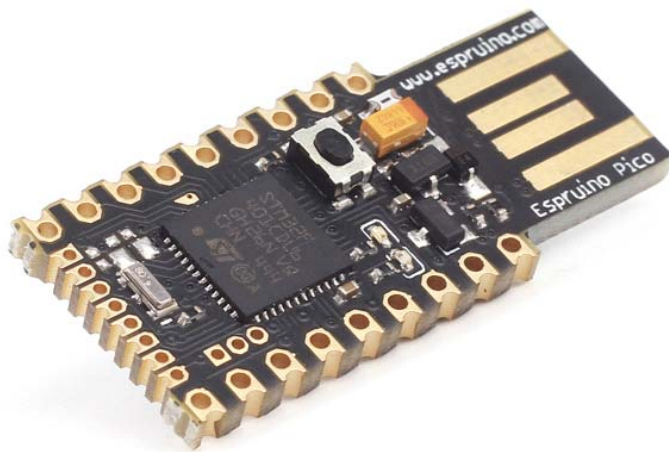Email & Skype: info@chipsmall.com Web: www.chipsmall.com
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Espruino Pico (unpinned)

SKU 114990308

Description

Espruino Pico is a tiny microcontroller board that runs JavaScript (it doesn’t need to be plugged into a computer), making it easier than ever to control electronics in the real world. You can program it with nothing but a serial terminal program, but there’s also an IDE that runs in the Chrome Web browser. It’s got a syntax highlighted editor as well as a graphical programming language.

Once you have uploaded code, you can inspect and change variables (including functions) while your program is running. If you make something with an Espruino Pico and need to change it a year later, your original code is still there waiting for you!

This is unpinned version, if you want pre-soldered pins, please visit Espruino Pico (pinned).

Features

- 33mm x 15mm (1.3 x 0.6 inch)
- 22 GPIO pins: 9 Analogs inputs, 21 PWM, 2 Serial, 3 SPI, 3 I2C
- All GPIO is 5 volt tolerant (Arduino compatible)
- 2 rows of 9 0.1" pins, with a third 0.05" row of 8 pins on the end
- On-board USB Type A connector
- Two on-board LEDs and one button.
- STM32F401CDU6 CPU - ARM Cortex M4, 384kb flash, 96kb RAM
- On-board 3.3v 250mA voltage regulator, accepts voltages from 3.5v to 16v
- Current draw in sleep: < 0.05mA - over 2.5 years on a 2500mAh battery
- On-board FET can be used to drive high-current outputs

Part List

- Espruino Pico (unpinned) x 1