

MicroPython pyboard v1.1



Listing details

Reference Number: RF726875

Common

Price: \$ 39.95
Country: United States
Description:

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The pyboard is a compact and powerful electronics development board that runs MicroPython. It connects to your PC over USB, giving you a USB flash drive on which to save your Python scripts, and a serial Python prompt (a REPL) for instant programming.

Features:

- STM32F405RG microcontroller
- 168 MHz Cortex M4 CPU with hardware floating point
- 1024KiB flash ROM and 192KiB RAM
- MicroUSB connector for power and serial communication
- MicroSD card slot, supporting standard and high-capacity SD cards
- 3-axis accelerometer (MMA7660)
- Real-Time Clock (RTC) with optional battery backup
- 24 GPIO on left and right edges and 5 GPIO on bottom row, plus LED and switch GPIO available on bottom row
- 3x 12-bit analog to digital converters, available on 16 pins, 4 with analog ground shielding
- 2x 12-bit digital to analog (DAC) converters, available on pins X5 and X6
- 4 LEDs (red, green, yellow and blue)
- 1 reset and 1 user switch
- Onboard 3.3V LDO voltage regulator, capable of supplying up to 250mA, input voltage range 3.6V to 16V
- DFU bootloader in ROM for easy upgrading of firmware

Purchase Product

Posted:

7 years ago

