

Expansion Board 3.0

Introducing the Expansion Board 3.0, compatible with all Pycom modules. Create and connect your things everywhere. Fast.

Expansion Board 3v.0 Features

- USB and LiPo battery powered
- Custom PIC USB to serial converter with automatic bootloader mode
- LiPo battery charger (BQ24040), with options for two different charging currents (100mA and 450mA)
- TPS2115A with reverse voltage protection
- MicroSD card slot
- JST style battery connector
- Power LED and charge status LED
- One user LED and one user switch
- Button to enter into "safe mode" easily
- Battery voltage monitoring via the WiPy ADC
- Lots of jumpers to enable/disable features

Use the Pymakr Plugins

Plugins for popular code editors to write your MicroPython scripts

Quick Verification

For easy and fast debugging use the interactive shell that is accessible through telnet or one of the serial ports.

Easy Upload

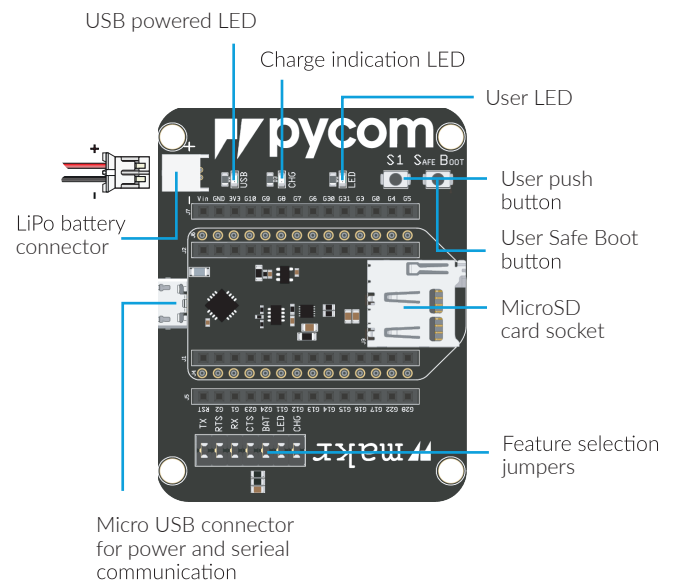
Upload your scripts, and any other files you want to the WiPy 1.0, WiPy 2.0, LoPy or SiPy via the FTP server

Locally or remotely

Reset the microcontroller (you can do it locally, or remotely via Telnet)

Mechanical

Size: 65 x 50 x 8mm



With dozens of ready to use templates and libraries soon to be available on the Pycom Exchange, developing a new IoT solution is now easier and faster.