



# Expansion Board 1.0

Introducing the Expansion Board 1.0, compatible with the WiPy 1.0, WiPy 2.0, LoPy and SiPy.

Create and connect your things everywhere. Fast.

## Expansion Board 1.0 Features

- USB and LiPo battery powered
- FT234XD USB to serial converter
- LiPo battery charger (BQ24040), with options for two different charging currents (100mA and 450mA)
- TPS2115A with reverse voltage protection
- MicroSD card slot
- Three female headers to easily plug in the WiPy 1.0, Wipy 2.0, LoPy, or SiPy
- JST style battery connector
- Power LED and charge status LED
- One user LED and one user switch
- Battery voltage monitoring via the WiPy ADC
- Lots of jumpers to enable/disable features

## Use the Pymakr IDE

Super easy code editor to write your Python 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

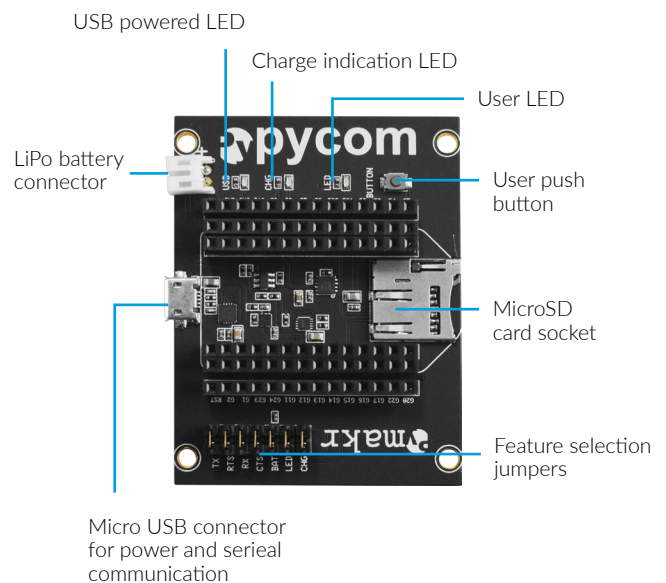
Upload your scripts, and any other files you want to the WiPy 1.0, WiPy 2.0, LoPy or SiPy via the FTP server

## Locally or remotely

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

## Mechanical

Size: 65 x 50 x 11mm



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.

**NOTE: Discontinued as of December 2016**

