

Expansion board

SKU 114990911     

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Description

The expansion board is compatible with both the LoPy and the WiPy 2.0.

Features

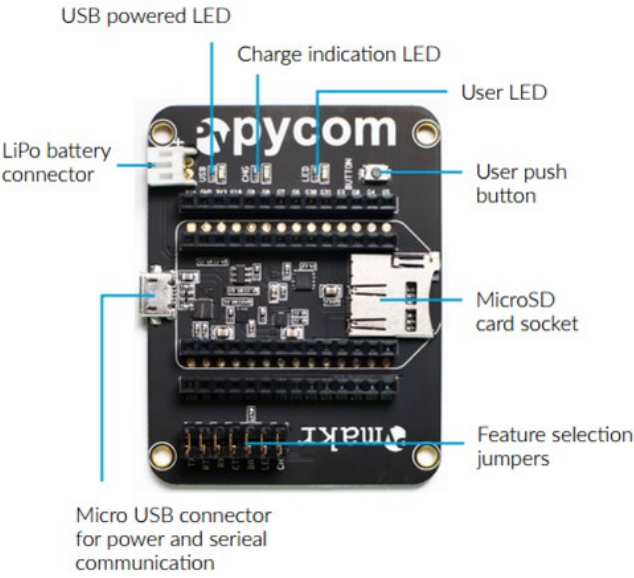
- All [WiPy](#) and [LoPy](#) pins are available on breakout pins
- Micro USB Connector for power and for serial communication.
- User Button
- User LED
- Reverse battery protection
- LiPo battery charger
- Micro SD card connector with push-pull function
- 7 jumpers for enabling and disabling features

Specification

- USB and LiPo battery powered.
- FT234XD USB to serial converter.
- LiPo battery charger (BQ24040), with options for 2 different charging currents (100mA and 450mA).
- TPS2115A with reverse voltage protection.
- MicroSD card slot.
- 2 female headers to easily plug in the WiPy 2.0, SiPy or the LoPy. This expansion board is not compatible with WiPy 1.0
- JST style battery connector.
- Power LED and charge status LED.
- 1 user LED and 1 user switch.
- Battery voltage monitoring via the WiPy ADC.
- Lots of jumpers to enable/disable features.
- Dimensions: 65 x 50 x 12 mm.

Mechanical

Size: 65 x 50 x 8mm



Part List

1 x Expansion board for LoPy or WiPy

Documents

[User Manual](#)

Documents [download](#)

[Frequently asked queations](#)

Best-sellers

LoPy

LoRa Antenna Kit

WiPy 2.0

Pysense

Technical Details

Dimensions	98mm x 70mm x 21.8mm
Weight	G.W 41.5g
Battery	Exclude

Questions and Answers

Have a question about this? Ask people who own it.



View History

Coolerblock
Made in Taiwan
Tel: +12785

5W CIGS Solar Cloth

PhoBot

BLEBee v2.0.0

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