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!
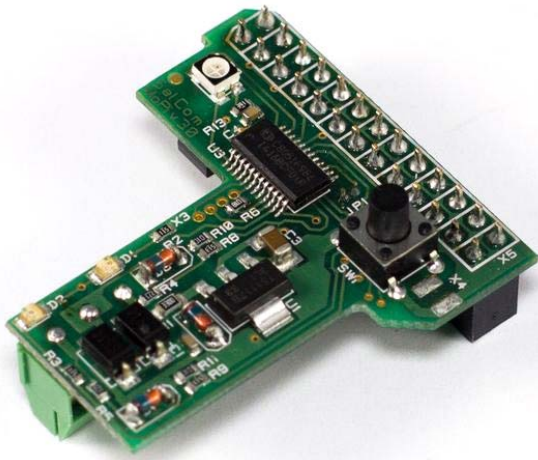

Contact us

MoPi: Mobile Power for the Raspberry Pi

Stackable MOPI-STACK   Low Profile MOPI-LP

MoPi is mobile and 24/7 power for the Pi. On your bike, up a tree, or for your home server: we've got you covered.

Update: *As of 19th December 2016 the MoPi no longer supports the Raspberry Pi 3 - details can be found here https://pi.gate.ac.uk/posts/2016/12/19/good-news-and-bad/*

Features:

- multiple inputs — standard batteries, car power sockets, old laptop supplies, solar panels, and more... all attachable via standard screw terminals
- hot-swap power replacement without stopping work
- shutdown the Pi cleanly when batteries discharge
- integrated on/off switch
- usable as a UPS (uninterruptible power supply) by attaching both batteries and mains

- on-board LED indicators and on screen linux system notifications
- configuration of multiple battery chemistries and number of cells from a UI on the Pi
- full API in Python, plus a shell-friendly command-line interface
- stackable headers allowing connections of multiple boards at once (e.g. MoPi + XLoBorg, or MoPi + AirPi, or etc.).
- PCB remoting pads for the power switch
- self-resetting fuse for over-current protection
- two-way communication via the I2C bus
- remote power-off: tell MoPi to power down the Pi when logged-in remotely (after a clean shutdown, of course)
- timer-based wake-up: tell MoPi what time you want your Pi to wakeup, then power it down and MoPi will boot the Pi as requested
- 3.3V supply mod: swap three resistors and supply 3.3V, overpowering the Pi's on-board regulator and saving the power that is dissipated there, for weight and battery life critical applications like ballooning
- wide input voltage range: 6.2V to 20V
- designed in Sheffield, made in Europe, used all over the world

Choose between stackable and low-profile GPIO headers (if you want to fit your MoPi into tight spaces, you want a low-profile header; if you want to stack MoPi with other Pi add-on boards, then you want a stackable header).

For more details surf on over to http://pi.gate.ac.uk/mopi.

Note: DO NOT plug MoPi onto your Pi while the Pi is powered up!