

MPM3610 3.3V Buck Converter Breakout – 21V In 3.3V Out at 1.2A

PRODUCT ID: 4683

This little buck converter based on the MPM3610 is a marvel, taking up to 21V input and providing a 3.3V output with up to 1.2A current. It's great for supplying power to popular 3.3V voltage circuits from a range of battery or power options. This chip provides up to 1.2 Amp load current across the entire input voltage range of 4.5 to 21V. The high voltage range is what sets this buck converter apart from most, as many converters max out at ~6 VDC input.

Great for your portable project, we made this "pin compatible" with the LM1117-3.3V TO-220 chip so you can swap it in for better performance (90-95% efficiency!) There's also an ENable pin, tie it low to shut down the output completely.

The Adafruit MPM3610 Breakout runs at 2-MHz fixed-frequency in PWM mode – the fully integrated inductor design is efficient and very small!

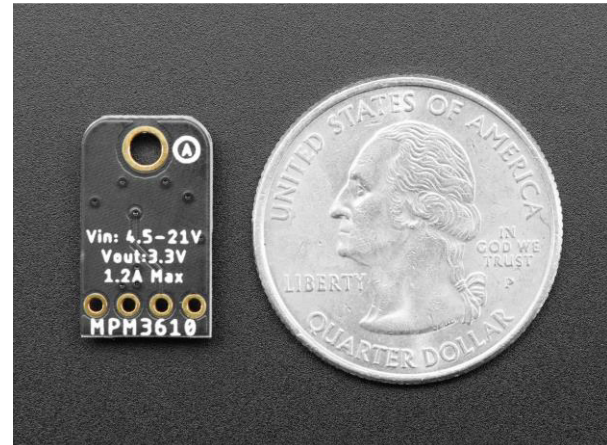
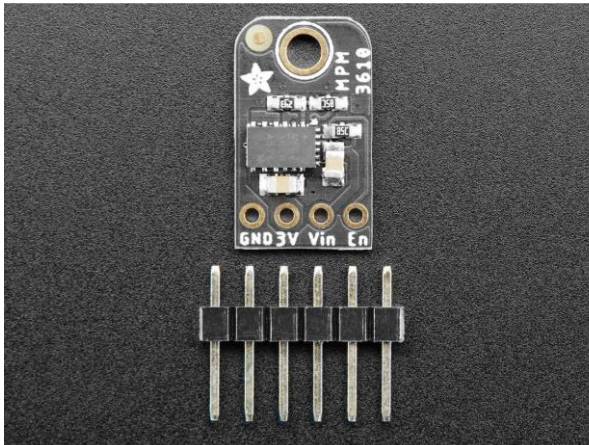
Comes with a fully assembled and tested breakout board. We also include header to plug it into a breadboard.

TECHNICAL DETAILS-

- [PCB Files in EagleCAD format](#)
- [Fritzing object available in Adafruit Fritzing Library](#)
- [MPM3610 Product Page](#)

Product Dimensions: 17.0mm x 10.0mm x 3.3mm / 0.7" x 0.4" x 0.1"

Product Weight: 0.5g / 0.0oz



<https://www.adafruit.com/product/4683/8-31-20>