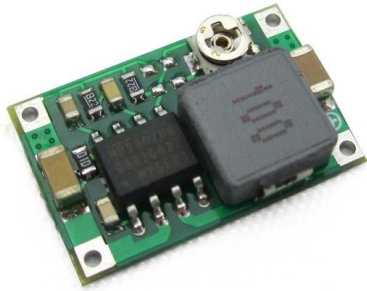




## Mini360 Ultra-small Adjustable DC-DC Step-Down Buck Power Supply Module



The Mini360 buck converter step down voltage regulator board is designed to work with RC airplanes, quadcopters, RC cars, Arduino and other micro-controllers, and other DIY electronics needing an ultra-miniature, light weight step-down voltage regulator. It uses an integrally molded power inductor and synchronous rectifier control chip for a smaller and more efficient design.

### Specifications:

- Model Name: Mini-360 (ultra small size DC-DC synchronous rectifier buck module)
- Module Properties: Non-isolated buck regulator module
- Rectification: Synchronous rectification
- Input voltage: 4.75V-23V
- Output voltage: 1.0V-17V
- Output Current: 3A peak, 1.8A continuous
- Conversion efficiency: 96% (maximum)
- Switching Frequency: 340KHz
- Output ripple: 30mV (no-load)
- Load regulation:  $\pm 0.5\%$
- Voltage regulation:  $\pm 2.5\%$
- Working temperature: -40 C to +85 C
- Dimensions: 17mm x 11mm x 4mm (0.67 x 0.43 x 0.16 inches) L x W x H
- Weight: 1 Gram

### Operation:

1. See silkscreen on reverse side of board for input and output connections.
2. Set output voltage using voltmeter and onboard potentiometer before installing in your circuit.

