



# VOLTAGE BOOSTER

SKU: VB2A5V

VB2A5 is a compact, high-efficiency, synchronous step-up converter for a single-cell Li-ion/polymer battery. It can boost the voltage to 5V, allowing you to run a receiver on a single cell lipo.

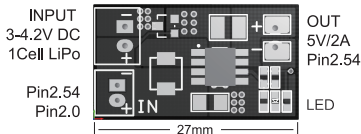
### Features

- Use for 1cell Li-ion or LiPo.
- Synchronous step-up converter.
- Guaranteed 2A Output Current at  $V_{OUT} = 5V$  from 3.3V Input
- Reverse input polarity protection.
- Over-temperature protection.

### Specifications

- Input voltage range: 3~4.2V DC
- Output: 5V 2A
- Standby current: <5mA
- Pins distance: 2.54mm
- Size & Weight: 27x15x3mm, 2g

### Layout



### Efficiency & Load

