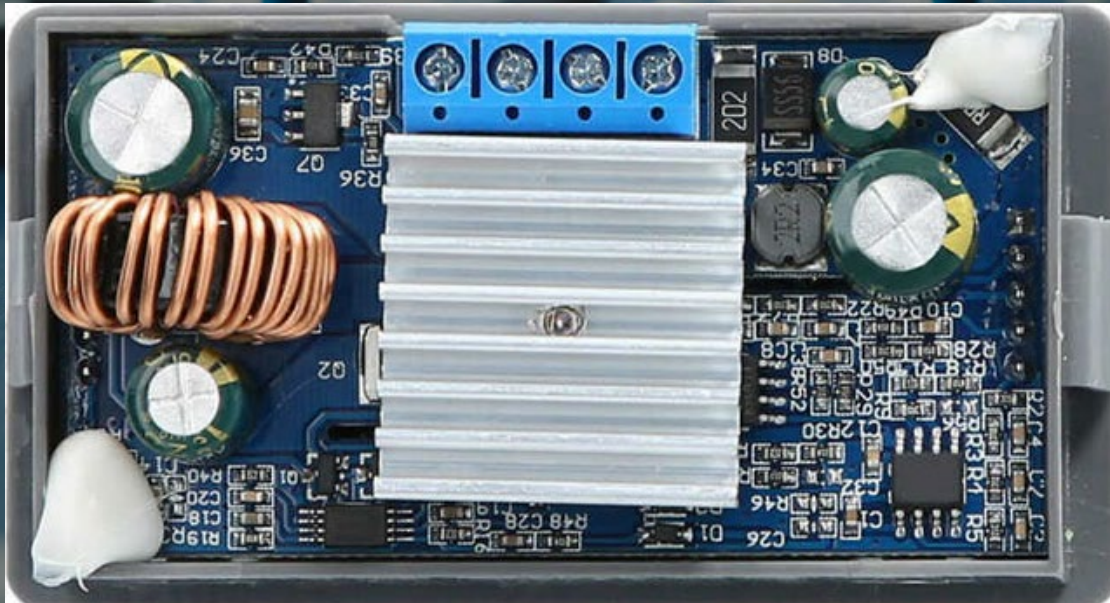


DC-DC BUCK BOOST CONVERTER

Features

- Input: 5-30V
- Output: 0.5-30V
- Output current: 4A (Max)
- Output Power: 50W (Max)
- Protection: Undervoltage, overvoltage, overcurrent, timeout



Motivation

A bench power supply is one of the most important tools a hobbyist needs. I want to build my own bench power supply that can output both positive and negative voltage. Dissecting one of these buck-boost converters will help me to understand the manufacturer's circuitry and allow me to understand different components which could help me for my project in the future.