

XL4015 5A DC-DC Step Down Adjustable Power Supply Module Buck Converter

Module: XL4015E1

Specification:

- Module highlights: 5A high power, high efficiency and low ripple with power indicator
- Module Properties: non-isolated buck module (BUCK)
- Input voltage: 8-36V (input please try not to exceed 38V)
- Output voltage: 1.25-32V continuously adjustable
- Output Current: 0-5A
- Output Power: 75W
- Operating temperature: -40 to +85 degrees
- Operating frequency: 180KHz
- Conversion efficiency: up to 96%
- Load regulation: S (I) $\leq 0.8\%$ (input 24V, output 12V, load varies from 1 ~ 4.5A measured)
- Voltage Regulation: S (u) 1 x 12V Power Socket
- Power Indicator: Yes 1 x Heat sink
- Short circuit protection: Y 1 x Transistor
- Overtemperature protectic 1 x Secondary coil
- Input reverse polarity protection: No, (if necessary, please enter the string into the high current diode)
- Installation: two 3mm screws
- Connection: Welding, V-IN is the input, V-OUT is the output
- Module dimensions: 54 x 23 x 15mm (L x W x H)



Application:

The DC/DC buck module applications the input voltage is higher than the output voltage of the buck field, such as battery, power transformer, DIY adjustable regulated power supply, 24V Vehicle notebook power supply, industrial equipment buck. 12V buck to 3.3V, 12V buck to 5V, 24V buck to 5V, 24V buck to 12V, 36V buck to 24V etc.

