

BMT DC/DC BUCK ADJ 5-80V 0,8A LG

XL7015 DC-DC Converter Buck DC 5V-80V to DC 5V-20V Step Down Module-



Description

XL7015 DC-DC step-down module is a highly efficient, high-voltage step-down DC-DC converter that can deliver up to 0.8A output current capability, low ripple, excellent line regulation and load regulation, input voltage to a maximum of 80V, far more than 2596 modules. Chip built a variety of protection mechanisms. It can be applied to electric vehicle controllers.

1. 5V to 80V wide input voltage range;
2. The output voltage is adjustable from 5V to 20V;
3. The minimum voltage drop 1V;
4. The maximum switching current of 0.8A;
5. Recommended output power less than 7W;
6. Built-in thermal shutdown protection, output short circuit protection, overcurrent protection;
7. The excellent linearity and load regulation;

Hardware introduction and notes

Board size: 16mm * 44mm;

Wiring

1. VIN: input voltage (5V-80V);
2. GND: the input voltage ground terminal;
3. VOUT: Output voltage terminal (5V-20V);
4. GND: output voltage of the ground terminal;