

5PCS/LOT Mini DC-DC 12-24V To 5V 3A Step Down Power Supply Module Buck Converter Adjustable Efficiency 97.5%

New Product Introduction:

- 1: The new United States imported chips, definitely not homemade chips, disassemble chip.
- 2: The maximum output current 3A, long-running 2.1A, sufficient margin.
- 3: The new design, circuit design does not require electrolytic capacitors and tantalum capacitors (electrolytic capacitor life is short, tantalum risk of explosion). Now with the use of high-end large-size solid ceramic capacitor circuit (MCC) 2 Ke.
- 4: The new program uses synchronous rectification circuit conversion efficiency is very high, in turn 5V 0.7A 6.5V when efficiency up to 97.5%, 12V turn 5V 1A, they also reached 94%, unlike some peers efficiency is only 60-70% . (Efficiency test removed the input reverse polarity protection diode and fuse drop).
- 5: Big shielded inductor current, low resistance, to maximize conversion efficiency. Reduce heat.
- 6: Ultra-small size, 20 (L) * 11 (W) * 5 (H) mm, the whole network to a minimum.
- 7: Ultra-low quiescent current, quiescent current of 0.85 mA. Connected to the car battery without adding switches can be connected to the cigarette lighter line or the ACC power cable line.
- 8: Output Integrated adjustable and fixed voltage, fixed output does not need customization, direct can be very voltage, potentiometer can adjust, versatility is very strong on the board under the spot welding
- 9: Integration enabled port, default mode of operation, low close, bring convenience to control
- 10: 78 series can be used to replace linear regulators, such as 78057812, and so on.



