

TD1509P5 TD泰德代理 DCDC降压IC

产品名称	TD1509P5 TD泰德代理 DCDC降压IC
公司名称	深圳市宏德伟创科技有限公司
价格	.00/个
规格参数	品牌:TD 型号:TD1509P5 产地:中国
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产品详情

General Description

The TD1509 is a series of easy to use fixed and adjustable step-down (buck) switch-mode voltage regulators. These devices are available in fixed output voltage of 5V,3.3V an adjustable output version. Both versions are capable of driving a 2A load with excellent line and load regulation.

Requiring a minimum number of external components, these regulators are simple to use and include internal frequency compensation, and a fixed-frequency oscillator.

The output voltage is guaranteed to $\pm 3\%$ tolerance under specified input voltage and output load conditions. The

oscillator frequency is guaranteed to $\pm 15\%$. External shutdown is included, featuring typically 80 μA standby current. Self protection features include a two stage frequency reducing current limit for the output switch and an over temperature shutdown for complete protection under fault conditions.

The TD1509 is available in SOP8 and DIP8 packages.

Applications

- z Simple High-efficiency step-down regulator
- z On-card switching regulators
- z Positive to negative converter
- z LCD monitor and LCD TV
- z DVD recorder and PDP TV
- z Battery charger
- z Step-down to 3.3V for microprocessors