

# LC2333CB6TR无线充3A降压电源芯片LC2333

产品名称	LC2333CB6TR无线充3A降压电源芯片LC2333
公司名称	深圳市七雅科技有限公司
价格	.01/颗
规格参数	品牌:岭芯微 型号:LC2333CB6TR 产地:上海
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## 产品详情

供应：无线充3A降压电源芯片LC2333

The LC2333 is a fully integrated, high-efficiency 3A synchronous rectified step-down converter. The LC2333 operates at high efficiency over a wide output current load range.

This device offers two operation modes, PWM control and PFM Mode switching control, which allows a high efficiency over the wider range of the load.

The LC2333 requires a minimum number of readily available standard external components and is available in a 6-pin SOT23 ROHS compliant package.

### FEATURES

- High Efficiency: Up to 96%
- 500KHz Frequency Operation
- 3A Output Current

- No Schottky Diode Required
- 4.2V to 16V Input Voltage Range
- 0.8V Reference
- Slope Compensated Current Mode Control for Excellent Line and Load Transient Response
- Integrated internal compensation
- Stable with Low ESR Ceramic Output Capacitors
- Over Current Protection with Hiccup-Mode
- Thermal Shutdown
- Inrush Current Limit and Soft Start
- Available in SOT23-6
- -40 ° C to +85 ° C Temperature Range

#### APPLICATIONS

- Distributed Power Systems
- Digital Set Top Boxes
- Flat Panel Television and Monitors
- Wireless and DSL Modems
- Notebook Computer