

产品概览

NCP5217: Synchronous Buck Controller, Single

欲看完整文档，请参阅数据表。

The NCP5217A is a synchronous step-down controller for high performance battery-power systems. The NCP5217A includes a high efficiency PWM controller. A pin is provided to enable or disable force PWM mode of operation. An internal power good voltage monitor tracks the SMPS output. NCP5217A also features soft-start sequence, UVLO for VCC and switcher, overvoltage protection, overcurrent protection, undervoltage protection and thermal shutdown. The IC is packaged in QFN-14.

特性

- 0.8% accuracy 0.8 V reference
- 4.5 V to 27 V battery/adaptor voltage range
- Selectable power saving mode/force PWM mode
- Lossless inductor current sensing
- Programmable adaptive voltage positioning (AVP)
- Input supply feedforward control
- Internal Soft-Start
- Integrated output discharge (Soft Stop)
- Built-in adaptive gate driver
- PGOOD indication

For more features, see the data sheet

应用

- Notebook computers

器件电气规格

产品	Pricing (\$/Unit)	Compliance	Status	Topology	Phases	Control Mode	V _{CC} Min (V)	V _{CC} Max (V)	f _{sw} Typ (kHz)	Package Type
NCP5217AMNTXG	0.3067	Pb-free Halide free	Active	Step-Down	1	Current/Voltage Mode	4.5	27	300	QFN-14

欲了解更多信息，请联系您当地的销售支援 www.onsemi.cn。

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