

产品概览

NCP1362: 初级侧 PWM 控制器，用于低功率离线 SMPS

欲看完整文档，请参阅数据表。

NCP1362 是一款准谐振峰值电流控制模式控制器，用于反激应用中几瓦到 50 W 的输出功率等级。它针对恒定电压和恒定电流调节进行初级侧调节，可实现出色的线路和负载调节，而无需常见的光耦合器和电压参比。

特性

- Quasi-Resonant with Valley Switching Operation
- Maximum Frequency Clamp (No Clamp, 80, 110 and 140 kHz)
- Frequency Jittering
- LFF and BO Feature on a Dedicated Pin
- Dual Frozen Peak Current
- Constant Voltage Primary-Side Regulation < $\pm 5\%$
- Constant Current Primary-Side Regulation < $\pm 5\%$

优势

- High Efficiency Operation
- Flexible Design Options
- Improved EMI Signature
- Enables Robust Designs
- Optimize Light Load Efficiency and Stand-by Performance

应用

- Low Power AC/DC Adapters
- Industrial Auxiliary Power

终端产品

- Battery Chargers
- Set-top Box
- Auxiliary Power

器件电气规格

产品	Pricing (\$/Unit)	Compliance	Status	Topology	Control Mode	f_{sw} Typ (kHz)	Stand-by Mode	UVLO (V)	Short Circuit Protection	Latch	Soft Start	V_{CC} Max (V)	Drive Cap. (mA)	Package Type
NCP1362BADR2G		Pb-free Halide free	Product Preview	Flyback	Current Mode	80/110/140/No Clamp	Yes	Yes	Yes	Yes	Yes	28	300 / 500	SOIC-8
NCP1362BCDR2G		Pb-free Halide free	Product Preview	Flyback	Current Mode	80/110/140/No Clamp	Yes	Yes	Yes	Yes	Yes	28	300 / 500	SOIC-8

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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