

OFF-LINE SWITCHER LP 23W DIP8

€ 2,95

Excl. BTW: € 2,44

Afbeeldingen



Beschrijving

The TNY268PN is a TinySwitch-II, EcoSmart, enhanced energy efficient low power off line switcher in 8 pin DIP package. This device integrates 700V power MOSFET, oscillator, high voltage switched current source, current limit and thermal shutdown circuitry onto a monolithic device. The start up and operating power are derived directly from voltage on DRAIN pin by eliminating need for bias winding and associated circuitry. In addition, the TinySwitch-II device incorporates auto restart, line undervoltage sense and frequency jittering. An innovative design minimizes audio frequency components in simple ON/OFF control scheme to practically eliminate audible noise with standard taped/varnished transformer construction. The fully integrated auto restart circuit safely limits output power during fault conditions such as output short circuit or open loop, reducing component count and secondary feedback circuitry cost. The TNY268PN meets CEC, Energy Star and EU requirements.

- Output power of 23W at 230VAC and 15W at 85VAC to 265VAC in open frame design
- Output power of 16W at 230VAC and 10W at 85VAC to 265VAC in non ventilated enclosed adapter
- Maximum duty cycle of 65%
- Built-in circuitry practically eliminates audible noise with ordinary dip varnished transformer
- 132KHz operation reduces transformer size, uses EF12.6 or EE13 cores for low cost and small size
- Very tight tolerances and negligible temperature variation eases design and low cost
- Cost effective replacement for bulky regulated liners
- Simple design practically eliminates rework in manufacturing
- Built-in current limit and thermal protection improves safety
- Operating junction temperature from -40°C to 150°C

Toepassingen

Power Management, Consumer Electronics, Portable Devices

Productinformatie

Artikelnummer	TNY268PN
Merk	POWER INTEGRATIONS

