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OFF-LINE SWITCHER LP 15W DIP8

€ 2,95
Excl. BTW: **€ 2,44**

Afbeeldingen

Beschrijving

The TNY266PN integrates a 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 the voltage on the DRAIN pin, eliminating the need for a bias winding and associated circuitry. In addition, the TNY266PN incorporates auto-restart, line undervoltage sense, and frequency jittering. An innovative design minimises audio frequency components in the 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.

- Fully integrated auto-restart for short circuit and open loop fault protection
- Built in circuitry practically eliminates audible noise with ordinary dip-varnished transformer
- Programmable line under voltage detect feature prevents power on/off glitches
- Frequency jittering dramatically reduces EMI (~10dB)
- 132kHz operation reduces transformer size
- Very tight tolerances and negligible temperature variation on key parameters
- Low component count switcher solution
- Simple ON/OFF control - no loop compensation needed
- No bias winding
- Simple design practically eliminates rework in manufacturing

- No load consumption <50mW with bias winding and <250mW without bias winding at 265VAC input
- High bandwidth provides fast turn on with no overshoot
- Current limit operation rejects line frequency ripple
- Built in current limit and thermal protection improves safety

Toepassingen

Consumer Electronics, Imaging, Video & Vision, Industrial, Multimedia, Power Management

Productinformatie

Artikelnummer	TNY266PN
Merk	POWER INTEGRATIONS