VIPer53 - E
OFF-line primary switch

Features
■ Switching frequency up to 300kHz
■ Current limitation
■ Current mode control with adjustable limitation
■ Soft start and shut-down control
■ Automatic burst mode in standby condition
■ Undervoltage lockout with Hysteresis
■ High voltage start-up current source
■ Overload and short-circuit control

Description
The VIPer53-E combines an enhanced current mode PWM controller with a high voltage MDMesh Power Mosfet in the same package. Typical applications cover offline power supplies with a secondary power capability ranging up to 30W in wide range input voltage, or 50W in single European voltage range and DIP-8 package, with the following benefits:
■ Overload and short circuit controlled by feedback monitoring and delayed device reset.
■ Efficient standby mode by enhanced pulse skipping.
■ Primary regulation or secondary loop failure protection through high gain error amplifier.

General features
Type
European (195 - 265Vac)
US / Wide range (85 - 265 Vac)

DIP-8 50W 30W
PowerSO-10TM 65W 40W

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