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## Viper12a inverter

What is a viper12a?

The VIPER12A combines a dedicated current mode PWM controller with a high voltage power MOSFET on the same silicon chip. Typical applications cover off line power supplies for battery charger adapters, standby power supplies for TV or monitors, auxiliary supplies for motor control, etc.

What is a viper12a SMPS controller IC?

The VIPER12A stands as a comprehensive SMPS controller IC featuring an integrated PWM controller paired with a potent power MOSFET on a single silicon chip. This integration enables efficient conversion of a wide AC input voltage range spanning from 85V to 265V into lower-level output voltages, such as 5V.

What is IC Viper 12A IC chip?

The dedicated current mode PWM controller, merged with a high-voltage power MOSFET within a single chip, ensures optimal performance in power supply applications, allowing for compact designs and efficient power conversion. Here is a video about viper12a ic chip pin explained, Pin details of IC VIPer 12A / induction mein use hone wala IC.

What is a viper12a chip used for?

The VIPER12A chip is versatile, used widely across various applications: o SMPS (Switched-Mode Power Supplies) - Ideal for adapters, chargers, and small power supplies, it's used in flyback or buck-boost converter topologies for efficient AC/DC power conversion.

Introduction This application note describes a low power, (output power of 4.1W) general purpose adapter which is able to handle a wide range input voltages (88VAC to 265VAC). The adapter ...

Abstract The VIPer12A is an integrated PWM and MOSFET circuit for low power application in the 5W range, typically in Cellular Phone Adapters. It is housed in surface mount SO-8 and DIP8 ...

View and Download ST VIPer12A-E application note online. Designing a low cost power supply using a buck configuration. VIPer12A-E power supply ...

Introduction This circuit can be used to produce multiple outputs, non-isolated positive or negative voltage. It is dedicated for an auxiliary power supply based on the VIPer12A-E monolithic device.

Abstract The VIPer12A is an integrated PWM and MOSFET circuit for low power application in the 5W range, typically in Cellular Phone Adapters. It ...

AN1894 - APPLICATION NOTE VIPOWER: VIPer12A NON ISOLATED BUCK AND BUCK-BOOST CONVERTER REFERENCE BOARD P. LIDAK - R. HAUSER

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