



Product Overview

NCP4330: Secondary Side Synchronous Controller

For complete documentation, see the [data sheet](#)

Product Description

The NCP4330 houses a dual MOSFET driver intended to be used as a companion chip in AC?DC or DC?DC multi?output post regulated power supplies. Being directly fed by the secondary AC signal, the device keeps power dissipation to the lowest while reducing the surrounding part count. Furthermore, the implementation of a N?channel MOSFET gives NCP4330?based applications a significant advantage in terms of efficiency.

Features

- Undervoltage Lockout
- Thermal Shutdown for Overtemperature Protection
- PWM Operation Synchronized to the Converter Frequency
- High Gate Drive Capability
- Bootstrap for NMOSFET HighSide Drive
- OverLap Management for Soft Switching
- Ideal for Frequencies up to 400 kHz

Applications

- Offline Switch Mode Power Supplies such as ATX
- Power DCDC Converters

For more information please contact your local sales support at www.onsemi.com

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