

Products

HV Product Line

- AC-DC(Non-isolated)
- AC-DC(PFR)
- AC-DC(SSR)
- X Capacitor Discharge IC
- AC-DC(SR)
- AC-DC PFC
- IGBT
- Wireless Charger Micro L...

LV Product Line

Driver Line

Popular !

AC-DC(Non-isolated)

PN8018

PN8018

Chipown

High Performance Non-isolated PFM converters

General Description

The PN8018 consists of an integrated Pulse Frequency Modulator (PFM) controller and power MOSFET, specifically designed for small power non-isolated switching power supply. PN8018 has internal high voltage start-up circuit and complete intelligent protection including adjustable Over Load Protection (OLP), Under Voltage Lockout (UVLO) and Over Temperature Protection (OTP). Excellent EMI performance could be achieved with Pulse Frequency Modulation.

Features

- Internal 600V avalanche-optimized small power VDMOSFET
- Internal HV Start-up Circuit
- Be optimized with 12V output non-isolated application
- 60°C open frame steady output power 40W@230VAC
- Frequency modulation for low EMI
- Excellent constant voltage regulation and High efficiency
- Excellent Protection Coverage:
 - Over Load Protection (OLP)
 - Over Temperature Protection (OTP)
 - Under Voltage Lockout (UVLO)

Applications

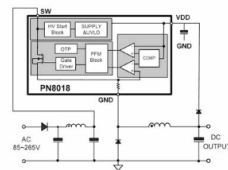
- non-isolated auxiliary power supply

Package/Order Information



Order Code	Package
PN8018VNC-4E1	SOPT

Typical Circuit



Note: if you need a detailed manual or other information about the product, please apply to us.>>