

Title: Use viper12a as inverter

Generated on: 2026-03-26 17:09:29

Copyright (C) 2026 GEO BESS. All rights reserved.

---

R2 and C3 form the snubber circuit needed to reduce the leakage spike and voltage ringing on the drain pin of VIPer12A. The output voltage is regulated with a TL431 (U3) via an optocoupler ...

View online or download St VIPer12A-E Application Note.

In this section three application examples using VIPer12A are introduced and fully analyzed. The first application example is a 16V-100mA off-line power supply.

VIPer12A has a wide operating voltage range from 9V to 40V, respectively maximum and minimum values for undervoltage and overvoltage ...

Featuring 90% efficiency, this step-down buck converter can transform a 220V AC input from the mains supply into 5V, 12V, or 24V DC. The indicated buck converter is an ...

Several variants of the reference board based on a non-isolated flyback converter built with the monolithic switcher VIPer12A-E have been presented. How the reference board can be easily ...

VIPer12A has a wide operating voltage range from 9V to 40V, respectively maximum and minimum values for undervoltage and overvoltage protections. This wide voltage supply range ...

STMicroelectronics products are not authorized for use as critical components in life support devices or systems without express written approval of STMicroelectronics.

Website: <https://geochojnice.pl>

