



110V AC in Non-isolated Dimmable GU10 LED Driver

(ACTIVE) PMP4389



Description & Features



Technical Documents



Support & Community

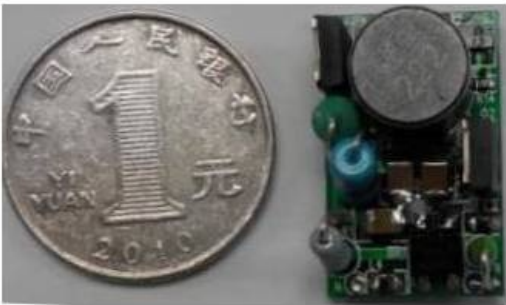


Order Now

View the [Important Notice for TI Designs](#) covering authorized use, intellectual property matters and disclaimers.

Description

The PMP4389 is a 110Vac input non-isolate dimmable GU10 LED driver using TPS92075. It delivers 30V120mA output with high efficiency > 81% over input range. The PF>0.97. PMP4389 demonstrates perfect compatibility with different dimmers. The overall size is limited in 26mmx18mmx16mm. PMP4389 also passes EMI guidelines.



LED Lighting and Display, PFC buck, Non-isolated display



Fully assembled board (shown above) developed for testing and performance validation only, not available for sale.

Bill of Materials (BOM)

Find the complete list of components in this reference design.



Download BOM

TI Devices (1)

Order samples, get tools and find more information on the TI products in this reference design.

Part Number	Name	Product Family	Sample & Buy	Design Kits & Evaluation Modules
TPS92075	Non-isolated, Phase Dimmable, Buck PFC LED Driver with Digital Reference Control	LED Driver	Sample & Buy	View Design Kits & Evaluation Modules

Technical Documents

User Guides (1)

Title	Abstract	Type	Size (KB)	Date	Views
PMP4389 Test Results		PDF	307	11 Mar 2014	238

Design Files (3)

Title	Abstract	Type	Size (KB)	Date	Views
PMP4389 Gerber		ZIP	37	06 Feb 2014	425
PMP4389 BOM		PDF	202	06 Feb 2014	245
PMP4389 Schematic		PDF	25	06 Feb 2014	260

Support & Community

TI E2E™ community

As a member of [my.TI](#) you can join the [TI E2E™ Community](#) where you can ask questions, share ideas and collaborate with fellow engineers and TI experts

Contents are provided "AS IS" by the respective TI and Community contributors and do not constitute TI specifications. See [Terms of use](#).

Engage in the Community

- [Amplifiers](#)
- [Broadband RF/IF & Digital Radio](#)
- [Clocks & Timers](#)

- [Data Converters](#)
- [DLP® & MEMS](#)
- [Interface](#)

- [Logic](#)
- [Power Management](#)
- [Wireless Connectivity](#)

Wikis

[Visit the TI Wiki](#)

Other Support

- [TI E2E Community](#)
- [Contact Technical Support](#)

Your History

Products You Recently Viewed

There are no items in your history.



