

Single stage AC/DC LED Driver solution for 4.2W GU10 with Primary Side Regulator

(ACTIVE) PMP4337

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Description

This reference design demonstrates low cost, high PF LED Driver solution for GU10, which includes single stage Flyback with Primary Side Control topology using TPS92310. The input range is 85~265Vac and output is 10V~13V 350mA



Bottom View

TI Devices (1)

Get more information on the TI products in this reference design.

Part Number	Name	Product Family
TPS92310	Off-Line Primary Side Sensing LED Driver with PFC	LED Driver

Bill of Materials

Find the complete list of components in this reference design.



CAD/CAE Symbols

Part #	Package Pins	CAD File (.bxl)	STEP Model (.stp)
TPS92310	VSSOP (DGS) 10	Download	Download

Texas Instruments and Accelerated Designs Inc. have collaborated together to provide TI customers with schematic symbols and PCB layout footprints for TI products.

Step 1: Download and install the Ultra Librarian software [ZIP: 62MB](#)

Step 2: Download the Symbol and Footprint .bzl file

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Technical Documents

User Guides (1)

Title	Abstract	Type	Size (KB)	Date	Views
 PMP4337 Test Results		PDF	641	30 May 2012	208

More Literature (2)

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 PMP4337 BOM		PDF	99	30 May 2012	205
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Power Tip 58: Power supply grounding; which camp are you in?

In this power tip video senior applications engineer, Robert Kollman, discusses different methods for grounding power supply.

Posted: 27-Oct-2013
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