

# 20W AC/DC PSR isolated LED Driver for T8

(ACTIVE) PMP4330

Description & Features

Technical Documents

Support & Community

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## Description

This reference design demonstrates low cost, high PF LED Driver solution for T8, which includes single stage Flyback with Primary Side Regulation topology using TPS92310. The input range is 85~265Vac and output is 38~42V 420mA or 26~42V 420mA



## 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.

Download BOM

## CAD/CAE Symbols

| Part #   | Package   Pins   | CAD File (.bxl)          | STEP Model (.stp)        |
|----------|------------------|--------------------------|--------------------------|
| TPS92310 | VSSOP (DGS)   10 | <a href="#">Download</a> | <a href="#">Download</a> |

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 .bxl file.

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## Technical Documents

### User Guides (1)

| Title                                | Abstract | Type | Size (KB) | Date        | Views |
|--------------------------------------|----------|------|-----------|-------------|-------|
| <a href="#">PMP4330 Test Results</a> |          | PDF  | 378       | 01 Jun 2012 | 259   |

### More Literature (2)

| Title                             | Abstract | Type | Size (KB) | Date        | Views |
|-----------------------------------|----------|------|-----------|-------------|-------|
| <a href="#">PMP4330 BOM</a>       |          | PDF  | 115       | 01 Jun 2012 | 254   |
| <a href="#">PMP4330 Schematic</a> |          | PDF  | 69        | 01 Jun 2012 | 272   |

## Related Tools & Software

### Software (1)

[PMP4330 Gerber](#)

(ZIP, 56 KB) 144 views, 01 Jun 2012

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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.

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