Power Reference Design for Arria V

(ACTIVE) PMP8610.1

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TI Devices (3)

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

Part Number	Name	Product Family
TPS51200	3A Sink/Source DDR Termination Regulator w/ VTTREF Buffered Reference for DDR2, DDR3, DDR3L and DDR4	Power Management
TPS84320	4.5-V to 14.5-V Input, 3-A Synchronous Buck, Integrated Power Solution	Non-Isolated Module
TPS84A20	2.95-V to 17-V Input, 10-A Synchronous Buck, Integrated Power Solution	Non-Isolated Module

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)
TPS51200	VSON (DRC) | 10	Download	-
TPS84320	B1QFN (RUQ) | 47	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 .bxl file.

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Technical Documents

User Guides (1)

Title	Abstract	Type	Size (KB)	Date	Views
PMP8610 Test Results		PDF	2501	11 Oct 2013	21

More Literature (2)

Title	Abstract	Type	Size (KB)	Date	Views
PMP8610 BOM		PDF	76	11 Oct 2013	25
PMP8610 Schematic		PDF	186	11 Oct 2013	25

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How to simplify your LED Lighting Lamp Designs

TI marketing engineer, John Perry discusses how the new TPS92411 Floating Switch for Offline AC Linear Direct Drive of LEDs can be used to simplify your LED lamp design by eliminating the need for inductors or transformers, allowing for a lower BOM cost and smaller solution size.

Posted: 01-Nov-2013
Duration: 2:13
Views: 703
Tags: power, power management, led lighting, led bulb design, led lamps, led bulb replacement, tps92411, led driver,

Learn more about the TPS92411 - Click here!

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