Non-Synchronous Buck Converter generating 3.3V input to an output of 13V@1A

(ACTIVE) PMP2696

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Description

Low cost non synchronous buck converter for high input voltage provides 3.3V @1A with TPS54160

TI Devices (1)

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

Part Number	Name	Product Family
TPS54160	3.5V to 60V Input, 1.5A Step-Down Converter with Eco-Mode	Converter (Integrated Switch)

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)
TPS54160	HVSSOP (DGQ) | 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 .bxl file.

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Technical Documents

User Guides (1)

Title	Abstract	Type	Size (KB)	Date	Views
PMP2696 Test Results		PDF	330	16 Nov 2011	185

More Literature (2)

Title	Abstract	Type	Size (KB)	Date	Views
PMP2696 BOM		PDF	29	16 Nov 2011	186
PMP2696 Schematic		PDF	72	16 Nov 2011	185

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Videos

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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