



5V Input, 24V@0.18A Output Boost Regulator

(ACTIVE) PMP10001.2



Description & Features



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Description

The PMP10001.2 reference design uses the TPS61175 Step-Up converter to generate 24V@0.18A.

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
TPS61175	3-A High Voltage Boost Converter with Soft-start and Programmable Switching Frequency	Converter (Integrated Switch)	Sample & Buy	View Design Kits & Evaluation Modules

CAD/CAE symbols

Part #	Package Pins	CAD File (.bxl)	STEP Model (.stp)
TPS61175	HTSSOP (PWP) 14	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
PMP10001.2 Test Results		PDF	643	28 Mar 2014	163

Design Files (2)

Title	Abstract	Type	Size (KB)	Date	Views
PMP10001.2 BOM		PDF	643	28 Mar 2014	184
PMP10001.2 Schematic		PDF	54	28 Mar 2014	181

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