

Altera Cyclone V SoC Power Supply

(ACTIVE) PMP9353.1

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Description

This reference design provides all the power supply rails necessary to power Altera's Cyclone V SoC FPGA. This design uses LMZ3 series modules to generate the rails to power the FPGA.



Fully assembled board (shown above) developed for testing and performance validation only, not available for sale.

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
LMZ31506	6A SIMPLE SWITCHER® Power Module with 2.95V-14.5V Input in QFN package with Current Sharing	Non-Isolated Module	Sample & Buy	View Design Kits & Evaluation Modules

CAD/CAE symbols

Part #	Package Pins	CAD File (.bxl)	STEP Model (.stp)
LMZ31506	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
PMP9353 Test Results		PDF	2372	24 Feb 2014	740

Design Files (2)

Title	Abstract	Type	Size (KB)	Date	Views
PMP9353 BOM		PDF	102	24 Feb 2014	579
PMP9353 Schematic		PDF	1415	24 Feb 2014	878

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