



Altera® Arria V FPGA Power Supply

(ACTIVE) PMP9357.2



Description & Features



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Description

This reference design provides all the power supply rails necessary to power Altera's Arria V FPGA. This design uses the TPS54620 to generate the rails to power the FPGA.



FPGA, INDUSTRIAL, BUCK SYNCHRONOUS, NON-ISOLATED



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
TPS54620	4.5V to 17V Input, 6A Synchronous Step-Down SWIFT™ Converter	Converter (Integrated Switch)	Sample & Buy	View Design Kits & Evaluation Modules

CAD/CAE symbols

Part #	Package Pins	CAD File (.bxl)	STEP Model (.stp)
TPS54620	VQFN (RGY) 14	Download	-
	VQFN (RHL) 14	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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User Guides (1)

Title	Abstract	Type	Size (KB)	Date	Views
PMP9357 Test Results (Rev. A)		PDF	1822	27 Mar 2014	1,145

Design Files (6)

Title	Abstract	Type	Size (KB)	Date	Views
PMP9357 Layer Plots		PDF	2959	28 Apr 2014	183
PMP9357 Fabrication Files		ZIP	4792	28 Apr 2014	193
PMP9357 Assembly Files		ZIP	4699	28 Apr 2014	166
PMP9357 Gerber		ZIP	1439	18 Feb 2014	1,051
PMP9357 BOM		PDF	103	18 Feb 2014	621
PMP9357 Schematic		PDF	254	18 Feb 2014	950

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