



90VAC - 290VAC Vin, 32W non-isolated Quasi-Resonant Flyback

(ACTIVE) PMP8697



Description & Features



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Description

The PMP8697 reference design uses the UCC28610 quasi-resonant flyback controller to generate two non-isolated outputs (12V@1.89A, 15V@0.2A) and one isolated output (15V@0.39A).

Bill of Materials (BOM)

Find the complete list of components in this reference design.



Download BOM

TI Devices (2)

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
LMV431	Low-Voltage (1.24V) Adjustable Precision Shunt Regulators	Voltage Reference	Sample & Buy	View Design Kits & Evaluation Modules
UCC28610	12-65W Green-mode Flyback Power Supply Controller	AC/DC and Isolated DC/DC Power Supply	Sample & Buy	View Design Kits & Evaluation Modules

CAD/CAE symbols

Part #	Package Pins	CAD File (.bxl)	STEP Model (.stp)
LMV431	TO-92 (LP) 3	Download	Download
	SOT (DBV) 5	Download	Download
UCC28610	SOIC (D) 8	Download	Download
	PDIP (P) 8	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
PMP8697 Test Results		PDF	784	28 Mar 2014	162

Design Files (2)

Title	Abstract	Type	Size (KB)	Date	Views
PMP8697 BOM		PDF	107	28 Mar 2014	187
PMP8697 Schematic		PDF	152	28 Mar 2014	182

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