35V@350mA

(ACTIVE) PMP5509

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Description

The PMP5509 drives a LED string with a total Vf of 20V...35V and 350mA starting from high line. The topology is a "high-side" buck.

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Bill of Materials (BOM)

Find the complete list of components in this reference design.

Download BOM

Parametrics

	PMP5509
Vin (Max) (V)	265
Vin (Min) (V)	180
Vout (Nom) (V)	35
Iout (Max) (A)	.35
Output Power	12.25
Isolated/Non-Isolated	Non-Isolated
Input Type	AC
Topology	Buck- Non Sync

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
TPS92001	General Purpose PWM Controller with 10V Turn-on Threshold for LED Lighting	LED Driver	Sample & Buy	View Design Kits & Evaluation Modules

CAD/CAE symbols

Part #	Package | Pins	CAD File (.bxl)	STEP Model (.stp)
TPS92001	SOIC (D) | 8	Download	Download
	VSSOP (DGK) | 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
PMP5509 Test Results		PDF	584	15 Aug 2011	18

Design Files (3)

Title	Abstract	Type	Size (KB)	Date	Views
PMP5509 PCB		PDF	31	24 Oct 2011	17
PMP5509 BOM		PDF	29	02 Aug 2011	14
PMP5509 Schematic		PDF	60	02 Aug 2011	20

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