Uses a UCC28600 to generate an output of 3.3V @ 0.150A

(ACTIVE) PMP4662

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Description

This application is suitable to supply microcontrollers in off-line non-isolated (metering) solutions.

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Bill of Materials (BOM)

Find the complete list of components in this reference design.

Download BOM

Parametrics

	PMP4662
Vin (Min) (V)	85
Vin (Max) (V)	265
Vout (Nom) (V)	3.3
Iout (Max) (A)	.15
Output Power	.495
Isolated/Non-Isolated	Non-Isolated
Input Type	AC
Topology	Flyback- Quasi Resonant

TI Devices (2)

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Part Number	Name	Product Family	Sample & Buy	Design Kits & Evaluation Modules
TLV700	200mA, Low IQ, Low Dropout Regulator for Portables	Linear Regulator (LDO)	Not Available	View Design Kits & Evaluation Modules
UCC28600	8-Pin Quasi Resonant Flyback Green Mode 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)
UCC28600	SOIC (D) | 8	Download	Download

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Technical Documents

User Guides (1)

Title	Abstract	Type	Size (KB)	Date	Views
PMP4662 Test Results		PDF	808	11 Nov 2011	24

Design Files (2)

Title	Abstract	Type	Size (KB)	Date	Views
PMP4662 BOM		PDF	29	11 Nov 2011	24
PMP4662 Schematic		PDF	63	11 Nov 2011	38

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