Primary-Side Regulated Flyback with 85-265VAC Input and a 9V/2.5A output.

(ACTIVE) PMP8966

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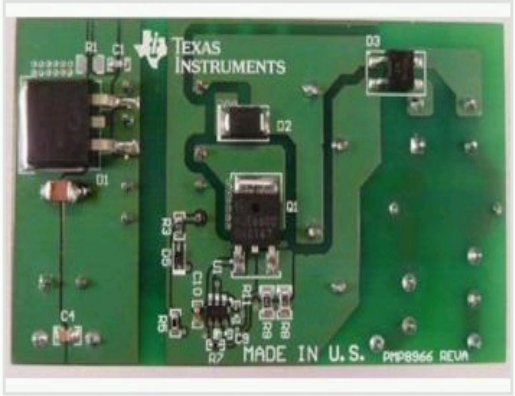
Description

The PMP8966 reference design uses the UCC28700 primary-side regulated flyback controller to generate a 9V/2.5A output from a univeral AC input. The valley switching of the UCC28700 allows this low-cost design to achieve a maximum load efficiency of 85%; no load losses are less than 60mW.



Bottom of Board | Primary-Side Regulated Flyback

TI Devices (1)

Get more information on the TI products in this reference design.

Part Number	Name	Product Family
UCC28700	Constant-Voltage, Constant-Current PWM With Primary-Side Regulation	AC/DC and Isolated DC/DC Power Supply

Bill of Materials

Find the complete list of components in this reference design.

Download BOM

Technical Documents

User Guides (1)

Title	Abstract	Type	Size (KB)	Date	Views
PMP8966 Test Results		PDF	991	19 Sep 2013	31

More Literature (2)

Title	Abstract	Type	Size (KB)	Date	Views
PMP8966 BOM		PDF	103	19 Sep 2013	37
PMP8966 Schematic		PDF	103	19 Sep 2013	41

Related Tools & Software

Software (1)

PMP8966 Gerber
(ZIP, 201 KB) 21 views, 19 Sep 2013

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