Primary-Side Regulated Flyback with 85-265VAC Input, (24V @ 1.7A) Status: ACTIVE

PMP9041

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Description

The PMP9041 reference design uses the UCC28710 primary-side regulated flyback controller to generate a 24V/40W output from a univeral AC input. The valley switching of the UCC28710 allows this low-cost design to achieve a maximum load efficiency of 90%; no load losses are less than 50mW.

Top of Board | Flyback Converter Reference Design Board

Technical Documents

User Guides (2)

Title	Abstract	Type	Size (KB)	Date	Views
PMP9041 PCB		PDF	289	19 Jul 2013	20
PMP9041 Test Results		PDF	2415	19 Jul 2013	31

More Literature (2)

Title	Abstract	Type	Size (KB)	Date	Views
PMP9041 BOM		PDF	77	19 Jul 2013	26
PMP9041 Schematic		PDF	120	19 Jul 2013	36

Related Products

Software (1)

PMP9041 Gerber
(ZIP, 179 KB) 15 views, 19 Jul 2013

TI Devices (1)

Part Number	Name	Product Family
UCC28710	Constant-Voltage, Constant-Current PWM Controller with Primary-Side Regulation	AC/DC and Isolated DC/DC Power Supply

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Training & Events

Name	Type	Available During
Multi-Day PFC Design Workshop (Analog & Digital) sponsored by Biricha Digital Power Ltd.	In-Person	03 Dec 2013 - 05 Dec 2013
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In-depth PFC Design Workshop	In-Person	12 Nov 2013 - 14 Nov 2013
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