

AC Adapter with PSR Control (12V@1A) Status: ACTIVE

PMP4336

- Description/Features

 Technical Documents

 Support & Community

 Order Now

Description

This reference design demonstrates a low cost 12V, 1A AC/DC design with primary side regulation controller UCC28700 which eliminates opto-coupler. Features include 84% efficiency @ 230 VAC, precise CC and CV control, protection features like OCP, SCP and output OVP, and low no-load power consumption <80mW.



Bottom of Board

Technical Documents

User Guides (3)

Title	Abstract	Type	Size (KB)	Date	Views
PMP4336 PCB		ZIP	95	30 Nov 2012	148
 PMP4336 Test Results		PDF	728	30 Nov 2012	194
 PMP4336 Transformer Specification 12V1A_EF20		PDF	96	20 Nov 2012	188

More Literature (2)

Title	Abstract	Type	Size (KB)	Date	Views
 PMP4336 BOM		PDF	20	30 Nov 2012	100
 PMP4336 Schematic		PDF	46	30 Nov 2012	200

Related Products

Software (1)

 [PMP4336 Gerber](#)
(ZIP, 23 KB) 79 views, 30 Nov 2012

TI Devices (1)

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

Support and Community

TI E2E™ Community



As a member of [my.TI](#) you can join the [TI E2E™ Community](#) where you can ask questions, share ideas and collaborate with fellow engineers and TI experts

Contents are provided "AS IS" by the respective TI and Community contributors and do not constitute TI specifications. See [Terms of Use](#).

Engage in the Community

- [Amplifiers](#)
- [Broadband RF/IF & Digital Radio](#)
- [Clocks & Timers](#)
- [Data Converters](#)
- [DLP® & MEMS](#)
- [Interface](#)
- [Logic](#)
- [Power Management](#)
- [Wireless Connectivity](#)

Training & Events

Name	Type	Available During
In-depth PFC Design Workshop sponsored by Biricha Digital Power	In-Person	15 Mar 2014 - 22 Mar 2014
In-depth PFC Design Workshop	In-Person	12 Nov 2013 - 14 Nov 2013
Digital Power Multi-Day Workshop	In-Person	05 Nov 2013 - 07 Nov 2013
Power Fundamentals: Switching Power Supply Design Considerations - Managing Thermal Performance	Recorded Content	On Demand
Power Fundamentals: Switching Power Supply Design Considerations - Thermal Design Guidelines and Recommendations	Recorded Content	On Demand

[See More Training & Events](#)

Customer Tags ?

No Tags are Available for this Part Number

Create a Tag

Other Support

- TI E2E Community
- Contact Technical Support

Your History

Products You Recently Viewed

- PMP4344
- PMP8519
- PMP8500
- PMP4347
- PMP8362.1