

12VDC Input, 1.25V/18A Synchronous Buck Converter

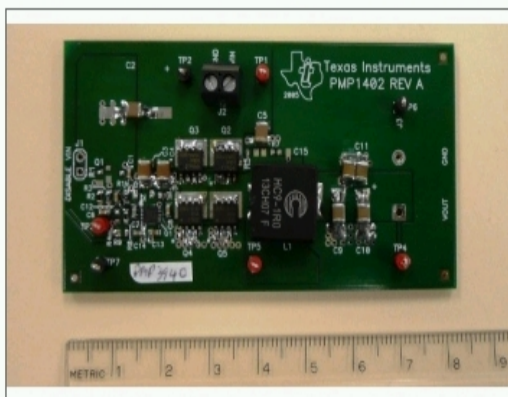
Status: ACTIVE

PMP3940

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Description

This reference design uses the TPS40190 synchronous buck controller to generate a 1.25V/18A output from a 12V input with a peak efficiency of 88%. This design uses all ceramic output capacitors.



Synchronous Buck Converter Reference Design Board

Technical Documents

User Guides (1)

Title	Abstract	Type	Size (KB)	Date	Views
PMP3940 Test Results		PDF	689	03 Jul 2013	16

More Literature (2)

Title	Abstract	Type	Size (KB)	Date	Views
PMP3940 BOM		PDF	15	02 Jul 2013	14
PMP3940 Schematic		PDF	47	02 Jul 2013	13

Related Products

TI Devices (1)


Part Number	Name	Product Family
TPS40190	Low Pin Count Synchronous Buck DC/DC Controller	Controller (External Switch)

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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
Multi-Day PFC Design Workshop (Analog & Digital) sponsored by Biricha Digital Power Ltd.	In-Person	03 Dec 2013 - 05 Dec 2013
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
WEBENCH® Power Designer - Electrical Simulation	Recorded Content	On Demand

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