12Vin to 50Vin (67Vin Peak); 48Vout @ 2.5A; Single-Phase Synchronouos Boost Converter

(ACTIVE) PMP7965

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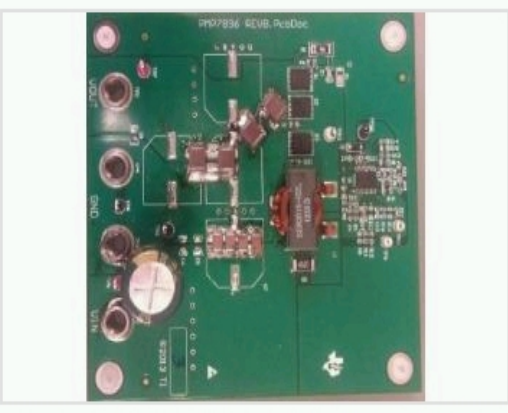
Description

A single-phase synchronous boost converter accepting an input voltage of 12Vin to 50Vin with a peak of 67Vin and providing an output of 48Vout capable of supplying 2.5A of current.



Single-Phase Synchronous Boost Converter Reference Design

TI Devices (1)

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

Part Number	Name	Product Family
LM5122	Wide Vin Synchronous Boost Controller with Multi-phase Capability	Controller (External Switch)

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
PMP7965 Test Results		PDF	1147	22 Oct 2013	57

More Literature (2)

Title	Abstract	Type	Size (KB)	Date	Views
PMP7965 Bill of Materials		PDF	107	22 Oct 2013	69
PMP7965 Schematic		PDF	170	22 Oct 2013	61

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In this power tip video senior applications engineer, Robert Kollman, discusses different methods for grounding power supply.

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