6Vin to 16Vin; 12Vout @ 16.7A; Single-Phase Synchronous Boost Converter

(ACTIVE) PMP7959

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Description

A single-phase synchronous boost converter that accepts an input voltage of 6Vin to 16Vin and provides an output of 12Vout capable of supplying 16.7A.

Top of Board | 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
PMP7959 Test Results		PDF	761	10 Sep 2013	29

More Literature (2)

Title	Abstract	Type	Size (KB)	Date	Views
PMP7959 BOM		PDF	107	10 Sep 2013	35
PMP7959 Schematic		PDF	177	10 Sep 2013	29

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Videos

Power Tip 58: Power supply grounding; which camp are you in?

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

Posted: 27-Oct-2013
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