48Vin; 110Vout @ 3A; Dual-Phase Non-Synchronous Boost Converter

(ACTIVE) PMP7973

Description & Features | Technical Documents | Support & Community

View the Important Notice for TI Designs covering authorized use, intellectual property matters and disclaimers.

Description

A dual-phase non-synchronous boost converter that takes in an input voltage of 48Vin and boosts to 110Vout capable of supplying up to 3A of current.

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
PMP7973 Test Results		PDF	938	10 Sep 2013	30

More Literature (2)

Title	Abstract	Type	Size (KB)	Date	Views
PMP7973 BOM		PDF	107	10 Sep 2013	30
PMP7973 Schematic		PDF	126	10 Sep 2013	26

Support & Community

TI E2E™ 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

Wikis

Visit the TI Wiki

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
Duration: 3:30
Views: 94
Tags: power tip, power management, power reference designs, powerlab, power management solutions

Search over 1,000 Power Management Reference Designs

Related Videos

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

Power Tip 56: Estimate PWB interconnect inductance

Other Support

- TI E2E Community
- Contact Technical Support

Your History

Products You Recently Viewed

- PMP7979
- PMP7983
- PMP7986
- PMP7992
- PMP7993.1

TI is a global semiconductor design and manufacturing company. Innovate with 100,000+ analog ICs and embedded processors, along with software, tools and the industry's largest sales/support staff.

© Copyright 1995-2013 Texas Instruments Incorporated. All rights reserved.
Trademarks | Privacy Policy | Terms of Use