Multi-Phase Boost (Step-Up) Converter Status: ACTIVE

PMP7850

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Description

PMP7850 is a Multiphase Boost (Step-Up) reference design with an input of 6 Volts to 8 volts while generating an output of 12 volts out at 17 Amps continuous and a max of 34 amps. This design is used in industrial applications.

Technical Documents

User Guides (1)

Title	Abstract	Type	Size (KB)	Date	Views
PMP7850 Test Report		PDF	741	15 Apr 2013	0

More Literature (2)

Title	Abstract	Type	Size (KB)	Date	Views
PMP7850 BOM		PDF	18	15 Apr 2013	0
PMP7850 Schematic		PDF	201	15 Apr 2013	0

Related Products

TI Devices (1)

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

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Training & Events

Name	Type	Available During
In-depth PFC Design Workshop sponsored by Biricha Digital Power	In-Person	15 Mar 2014 - 22 Mar 2014
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
Power Fundamentals: Switching Power Supply Design Considerations - Effect of High di/dt Loops on EMI	Recorded Content	On Demand
Power Fundamentals: Switching Power Supply Design Considerations - Thermal Design Concepts	Recorded Content	On Demand

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- pmp8921
- PMP8022
- PMP7426

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