Mulitple Output, High Efficiency Flyback Converter for PoE Applications Status: ACTIVE

PMP8752.1

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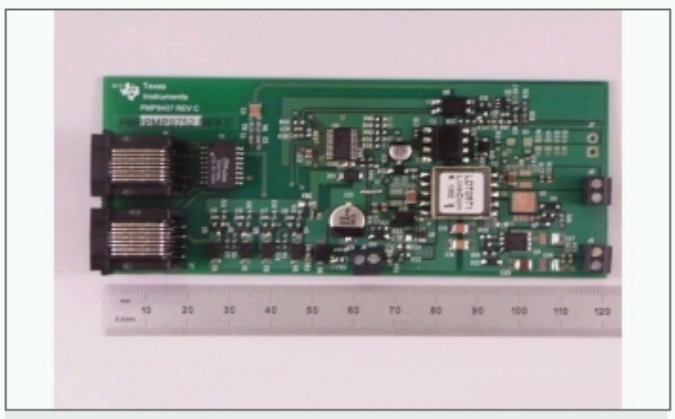
Description

This converter is used for Class 1 PoE applications where high efficiency and multiple outputs are required. The specific output for this design is 3.3V@.7A. The flyback converter with synchronous rectifier provides excellent efficiency and small size for PoE applications such as a IP Phones. The TPS23785B contains both the PoE Powered Device and the PWM controller functions.



Technical Documents

User Guides (1)

Title	Abstract	Type	Size (KB)	Date	Views
PMP8752 Test Report		PDF	443	01 Feb 2013	134

More Literature (2)

Title	Abstract	Type	Size (KB)	Date	Views
PMP8752 BOM		PDF	23	01 Feb 2013	77
PMP8752 Schematic		PDF	48	01 Feb 2013	108

Related Products

TI Devices (3)

Part Number	Name	Product Family
CSD17507Q5A	30V N-Channel High Side NexFET Power MOSFET with 20 Volt Vgs	Power MOSFET
TLV431A	Low Voltage Adjustable Precision Shunt Regulator	Voltage Reference
TPS23785B	High-Power, High-Efficiency PoE PD and DC-to-DC Controller	Power Over Ethernet (PoE)/LAN Solutions

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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
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
Power Fundamentals: Switching Power Supply Design Considerations - Managing Thermal Performance	Recorded Content	On Demand
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