

Non-Isolated Push-Pull Converter Design

Status: ACTIVE

PMP7887

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Description

This is a non-isolated forward push-pull converter design accepting 20V-to-50V input voltage and regulating the output to 36Vout @ 6A.

Technical Documents

User Guides (1)

Title	Abstract	Type	Size (KB)	Date	Views
 PMP7887 Test Report		PDF	1587	01 Apr 2013	85

More Literature (2)

Title	Abstract	Type	Size (KB)	Date	Views
 PMP7887 BOM		PDF	20	01 Apr 2013	55
 PMP7887 Schematic		PDF	116	01 Apr 2013	78

Related Products

Software (1)

-  [PMP7887 Gerber](#)
- (ZIP, 243 KB) 48 views, 01 Apr 2013

TI Devices (3)

Part Number	Name	Product Family
LM5017	100V, 600mA Constant On-Time Synchronous Buck Regulator	Power Supply Support
LM5030	100V Push-Pull Current Mode PWM Controller	AC/DC and Isolated DC/DC Power Supply
LM5110	Dual 5A Compound Gate Driver with Negative Output Voltage Capability	AC/DC and Isolated DC/DC Power Supply

Support and Community

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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
Power Fundamentals: Switching Power Supply Design Considerations - Thermal Design Guidelines and Recommendations	Recorded Content	On Demand

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