

Non-Isolated Buck for Transportation/Automotive using LM25119 w/ input of 6.5 to 27 VDC

1.2V@3A Status: ACTIVE

PMP7177.2

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Description

The PMP7177.2(1.2V@3A) reference design is a 6W DC/DC sync Buck which uses a LM25119 and was intended for Transportation/Automotive applications. It can generate a Non-Isolated 1.2 volt output at 3 Amps from an input 6.5 to 27 Volts DC. This design has multiple outputs.

Technical Documents

User Guides (1)

Title	Abstract	Type	Size (KB)	Date	Views
 PMP7177 Test Report		PDF	2817	26 Sep 2012	222

More Literature (2)

Title	Abstract	Type	Size (KB)	Date	Views
 PMP7177 BOM		PDF	94	26 Sep 2012	108
 PMP7177 Schematic		PDF	45	26 Sep 2012	125

Related Products

TI Devices (1)

Part Number	Name	Product Family
LM25119	Wide Input Range Dual Synchronous Buck Controller	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
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