

Non-Isolated Buck using TPS54140 w/ input of 24 to 30 VDC 5V@1.25A

Status: ACTIVE

PMP7076.1

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Description

The PMP7076.1(5V@1.25A) reference design is a 7W DC/DC Buck which uses a TPS54140. It can generate a Non-Isolated 5 volt output at 1.25 Amps from an input a 24 to 30 Volts DC. This design has multiple outputs.

Technical Documents

User Guides (1)

Title	Abstract	Type	Size (KB)	Date	Views
 PMP7076 Test Report		PDF	247	26 Sep 2012	145

More Literature (2)

Title	Abstract	Type	Size (KB)	Date	Views
 PMP7076 BOM		PDF	91	26 Sep 2012	71
 PMP7076 Schematic		PDF	24	26 Sep 2012	84

Related Products

TI Devices (1)

Part Number	Name	Product Family
TPS54140	3.5V to 42V Input, 1.5A Step-Down Converter with Eco-Mode	Converter (Integrated 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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