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Worldwide (In English)

TPS63030 5.5V Input, 3.3V Output, 0.5A Evaluation Module

(ACTIVE) TPS63030EVM-417

Description & Features

Technical Documents

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Key Document

- TPS63030EVM-417

(PDF 427 KB)

03 Dec 2008 356 views

Read Abstract
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Description

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The TPS63030EVM-417 facilitates evaluation of the TPS63030 High Efficient Single Inductor Buck-Boost Converter. The TPS63030 regulates a constant output voltage and operates in either step down or boost mode.

Features

- Efficiency: 96% (max)
- Input voltage: 1.8V to 5.5V
- Output voltage: 1.2V to 5.5V
- Output current: 0.6A (max) in buck mode @ 3.3V
- Output current: 0.4A (max) in boost mode @ 3.3V
- Quiescent current: 50µA (max)
- Switching Frequency: 2.4MHz

What's Included

- [SLVU275, TPS63030EVM-417](#)
- [SLVS696, High Efficient Single Inductor Buck-Boost Converter w/1-A Switches \(Rev. B\)](#)

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Part Number	Buy from Texas Instruments or Third Party	Buy from Authorized Distributor	Status	Vout (V)	Iout (Max) (A)	Vin (Min) (V)	Vin (Max) (V)	Lead-Free	RoHS	REACH	WEEE	HI-V (>50VRMS/75 VDC)	CE	CE-EMC	CE-RTTE/LVD	FCC	Batteries	Enclosure	Ext Power Supply
TPS63030EVM-417: TPS63030EVM-417 Evaluation Module	\$49.00(USD) In Stock Typically Ships in 1 to 3 Business Days Buy from TI Use Online	Pricing may vary. Buy from distributor	ACTIVE	3.3	0.5	1.8	5.5	Yes	Yes	Yes	NA	NA	NA	NA	NA	NA	No	No	No

Contact a Distributor

California

Go

TI's [Standard Terms and Conditions for Evaluation Modules](#) apply.

Technical Documents

Datasheet (1)

Title	Abstract	Type	Size (KB)	Date	Views
High Efficient Single Inductor Buck-Boost Converter w/1-A Switches (Rev. B)		PDF	1603	30 Mar 2012	

User Guides (1)

Title	Abstract	Type	Size (KB)	Date	Views	TI Recommends
TPS63030EVM-417	Read Abstract	PDF	427	03 Dec 2008	356	✓

Related Products

Development Tools (1)

Name	Part Number	Tool Type
SwitcherPro(TM) Switching Power Supply Design Tool	SWITCHERPRO	Circuit Design & Simulation

TI Devices (1)

Part Number	Name	Product Family
TPS63030	High Efficient Single Inductor Buck-Boost Converter with 1-A Switches	Converter (Integrated Switch)

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