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# Integrated 5-A, 24-V Wide Input Range Boost DC/DC Regulator Evaluation Module

(ACTIVE) TPS55330EVM-017

Description & Features

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## Description

The Texas Instruments TPS55330EVM-017 evaluation module (EVM) is a fully assembled and tested circuit for evaluating the TPS55330 DC/DC Boost Converter. The EVM in its default configuration is designed to boost from a typical 2.9V – 4.2V single cell input to a 5V output at 2.1A.

## Features

- Integrated 24V, 5A low-side FET
- High efficiency with 60mΩ internal FET
- Cycle by cycle current limit with frequency foldback
- Cycle-skipping for output regulation at light loads
- Adjustable soft start and switching frequency



Integrated 5-A, 24-V Wide Input Range Boost DC/DC Regulator Evaluation Module

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TPS55330EVM-017: Integrated 5-A, 24-V Wide Input Range Boost DC/DC Regulator Evaluation Module	\$49.00(USD)  In Stock Typically Ships in 1 to 3 Business Days  <a href="#">Buy from TI</a>	Pricing may vary.  <a href="#">Buy from distributor</a>	ACTIVE	Yes	Yes	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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## Technical Documents

### User Guides (1)

Title	Abstract	Type	Size (KB)	Date	Views
<a href="#">TPS55330EVM-017 2.9-V to 4.2-V Input, 5.0-V Output Boost Evaluation Module</a>		PDF	769	19 Jul 2013	344

## Related Products

### Software (1)

[TPS55340 Boost Design Excel Spreadsheet Tool \(Rev. C\)](#)  
(ZIP, 509 KB) 262 views, 09 Apr 2013

### TI Devices (1)

Part Number	Name	Product Family

Part Number	Name	Product Family
TPS55330	Integrated 5-A 24-V Wide Input Range Boost/SEPIC/Flyback DC-DC Regulator	Converter (Integrated Switch)

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