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Worldwide (In English)

Evaluation Board for the LM25118 Wide Vin Buck-Boost Controller

(ACTIVE) LM25118EVAL

Description & Features

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Key Document

LM25118 Evaluation Board (Rev. B) (PDF 3057 KB)
17 Jan 2014 582 views [Read Abstract](#)

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Description

The LM25118 Evaluation Board is designed to provide the design engineer with a fully functional, Emulated Current Mode Control, buck boost power converter to evaluate the LM25118 controller IC. The evaluation board provides a 12V output with 3A of output current capability. The evaluation board's wide input voltage range is from 42V to 5V, with operation down to 3V with some component changes. The evaluation board operates at 300 kHz, a good compromise between conversion efficiency, tradeoffs between buck and buck-boost mode requirements, and converter size. The printed circuit board consists of 4 layers with 2 ounce copper top and bottom, and 1 ounce copper on internal layers. The board is constructed with FR4 material.

Order Now

Part Number	Buy from Texas Instruments or Third Party	Buy from Authorized Distributor	Status	Lead-Free	RoHS
LM25118EVAL/NOPB: Evaluation Board for the LM25118 Wide Vin Buck-Boost Controller	\$149.00(USD) In Stock Typically Ships in 1 to 3 Business Days Buy from TI	Pricing may vary. Buy from distributor	ACTIVE	Yes	Yes

Contact a Distributor

TI's Standard Terms and Conditions for Evaluation Modules apply.

Technical Documents

User Guides (1)

Title	Abstract	Type	Size (KB)	Date	Views	TI Recommends
LM25118 Evaluation Board (Rev. B)	Read Abstract	PDF	3057	17 Jan 2014	582	✓

Related Products

TI Devices (2)


Part Number	Name	Product Family
LM25118	3-42V Wide Vin, Current Mode Non-Synchronous Buck-Boost Controller	Controller (External Switch)
LM25118-Q1	Automotive Grade, 3-42V Wide Vin, Current Mode Non-Synchronous Buck-Boost Controller	Controller (External Switch)

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