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# SIMPLE SWITCHER® 6A Synchronous Buck Power Module Evaluation Board

(ACTIVE) LMZ31506EVM-692

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## Description

The Texas Instruments LMZ31506EVM-692 evaluation module (EVM) is a fully assembled and tested circuit for evaluating the LMZ31506 6A SIMPLE SWITCHER® power module. The EVM incorporates a DC/DC converter with output voltage (5V, 3.3V, 2.5V, 1.8V, 1.5V, 1.2V) and frequency (250 kHz to 780 kHz) that are adjustable using jumpers. Solder pads and jumpers are available to configure the EVM to specific requirements.

## Features

- Wide-Output Voltage Adjust (0.6 V to 5.5 V), with 1% Reference Accuracy
- Optional Split Power Rail Allows Input Voltage Down to 1.6 V
- Adjustable Slow-Start
- Output Voltage Sequencing / Tracking
- Power Good Output
- Programmable Undervoltage Lockout (UVLO)
- Hiccup Current Limit
- Pre-bias Output Start-up



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Part Number	Buy from Texas Instruments or Third Party	Buy from Authorized Distributor	Status	Lead-Free	RoHS	REACH	WEEE	HI-V (>50VRMS/75 VDC)	CE	CE-EMC	CE-RTTE/LVD	FCC	Batteries	Enclosure	Ext Power Supply
LMZ31506EVM-692: SIMPLE SWITCHER® 6A Synchronous Buck Power Module Evaluation Board	\$49.00(USD)  In Stock <b>Typically Ships in 1 to 3 Business Days</b>  <b>Buy from TI</b>	Pricing may vary.  <b>Buy from distributor</b>	ACTIVE	Yes	Yes	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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
<a href="#">Using the LMZ31506EVM, LMZ31503EVM, LMZ31506HEVM</a>	<a href="#">Read Abstract</a>	PDF	973	02 Jul 2013	204

## Related Products

### TI Devices (1)

Part Number	Name	Product Family
LMZ31506	6A SIMPLE SWITCHER® Power Module with 2.95V-14.5V Input in QFN package with Current Sharing	Non-Isolated Module

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