# Evaluation Module for TPS56221 High Current (25A) Synchronous Step-Down SWIFT™ Converter

(ACTIVE) TPS56221EVM-579

Description & Features Technical Documents Support & Community Order Now

## Description

The Texas Instruments TPS56221EVM-579 evaluation module (EVM) helps designers evaluate the operation and performance of the TPS56221 4.5V to 14V Input, 25A High Current Synchronous Step-Down Converter. The EVM is designed to use a regulated 12V (8V to 14V) bus voltage to provide a regulated 1.0-V output at up to 25A of load current. The EVM demonstrates the TPS56221 high-current integrated FET converter in a typical space limited 12-V bus to low-voltage point-of-load application.

## Features

- 8V to 14V Input Voltage Rating
- 1.0V ±2% Output Voltage Rating
- 25A Steady State Load Current
- 500kHz Switching Frequency
- Simple Access to IC features (Power Good, Enable, Soft-Start, Error Amplifier)

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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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TPS56221EVM-579: Evaluation Module for TPS56221 High Current Synchronous Step-Down SWIFT™ Converter | $49.00(USD) In Stock Typically Ships in 1 to 3 Business Days Buy from TI | Pricing may vary. Buy from distributor | ACTIVE | 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

### User Guides (1)

| Title | Abstract | Type | Size (KB) | Date | Views |
|---|---|---|---|---|---|
| TPS56221EVM-579 Evaluation Module (Rev. A) | Read Abstract | PDF | 980 | 01 Feb 2012 | 179 |

## Related Products

### TI Devices (1)

| Part Number | Name | Product Family |
|---|---|---|
| TPS56221 | 4.5V to 14V Input, 25A Synchronous Step-Down SWIFT™ Converter | Converter (Integrated Switch) |

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