



REAL WORLD SIGNAL PROCESSING™

PRODUCTS ▶ APPLICATIONS ▶ SUPPORT ▶ my.TI ▶

Search TI

• Advanced Search

Site Search ▶

Part Number Search ▶

TI Home > Semiconductors > Analog & Mixed-Signal > Power Management > Supervisory Circuits > TPS3600EVM-186

TPS3600EVM-186 Evaluation Module

TPS3600EVM-186

PRODUCT INFORMATION

- [Description](#)
- [Features](#)
- [Specifications](#)
- [Contents](#)
- [Compatible Products](#)

TECHNICAL DOCUMENTATION

- [Application Notes](#)
- [Data Sheet](#)

RELATED DEVICES

- [TPS3600D20](#)
- [TPS3600D33](#)
- [TPS3600D50](#)
- [TPS3606-33](#)

Details	
Tool Type	Development Boards/EVMs
Supplier	Texas Instruments
* Price	49
* Purchase Tool	Americas: Contact Product Information Center Asia: Contact Product Information Center Europe: Contact Product Information Center Japan: Contact Product Information Center

RELATED PRODUCTS

- [Amplifiers](#)
- [Data Converters](#)
- [Interface](#)
- [Power Management](#)

DEVELOPMENT SUPPORT

- [AAP KnowledgeBase](#)
- [Training](#)
- [Tech Webcasts](#)
- [Discussion Groups](#)
- [Block Diagrams](#)
- [Application Software](#)

COMPATIBLE DSP PRODUCTS

- [DSP Developers Village](#)

APPLICATIONS

- [All TI Applications](#)
- [DSL Solutions](#)

DESCRIPTION



The TPS3600EVM-186 is an evaluation tool for the TPS3600 family of battery-backup supervisors together with MSP430.

FEATURES

- Battery monitor
- Watchdog Timer
- Battery OK Output
- Voltage monitor for power-fail or low-battery monitoring
- Manual switchover to battery-backup mode
- Chip-enable gating
- Manual reset
- Battery freshness seal

SPECIFICATIONS

- 3.3V voltage monitoring and battery-backup switching
- Backup-battery voltage can exceed supply voltage

CONTENTS

The complete kit includes:

- A tested evaluation module
- EVM user's guide (SLVU045) that includes:
 - Schematic
 - Bill of material
 - Component placement and layout plots
 - Description of the steps needed to set up the EVM
- [code.zip](#)
- [gerber.zip](#)
- A datasheet of the TPS3600 device family is also included, but please ensure that the latest version is downloaded from the internet.

Additional Equipment needed for Use:

External 3.3V Power Supply

COMPATIBLE PRODUCTS

- TPS3610
- TPS3613
- TPS3617
- TPS3619


APPLICATION NOTES

[Application Notes for Development Boards/EVMs](#)

DATA SHEET

25 Apr 2001	Battery-Backup (Rev. A) (SLVS336A)	Download
19 Dec 2002	Battery-Backup Supervisor for Low Power Processors (Rev. B) (SLVS335B)	Download

[Products](#) | [Applications](#) | [Support](#) | [my.TI](#)

 **TEXAS INSTRUMENTS** © Copyright 1995-2002 Texas Instruments Incorporated. All rights reserved.
[Trademarks](#) | [Privacy Policy](#) | [Terms of Use](#)