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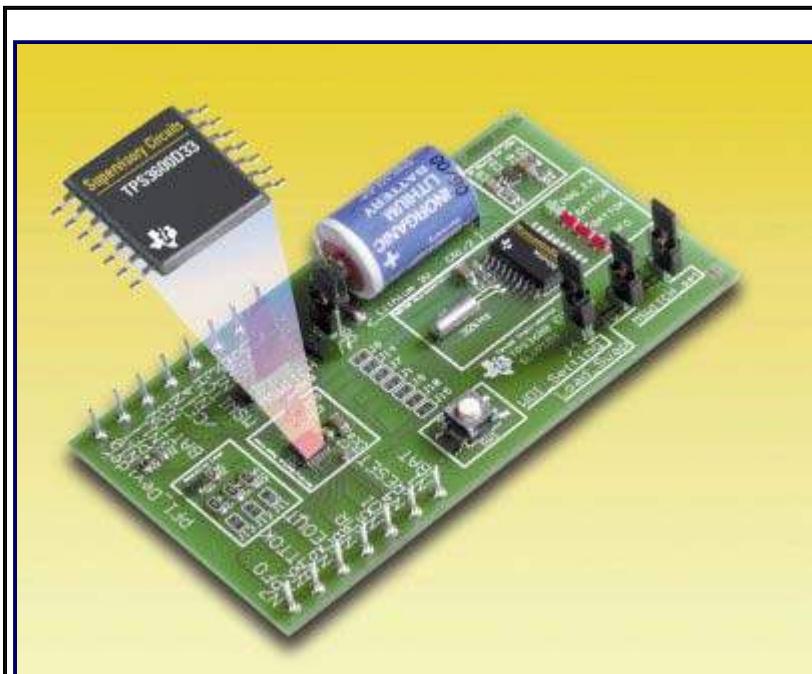
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TPS3600EVM-186 Evaluation Module

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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

SPECFICATIONS

- 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