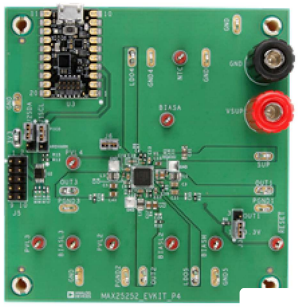
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MAX25252EVKIT

MAX25252 Evaluation Kit

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Overview

Features and Benefits Product Details

- Integrated IC Minimizes Board Area and Layout
- Input Voltage Range from 3.5V to 22V
- User-Programmable Settings Through I^2C
- 2.1MHz Fixed-Frequency Switching
- $\overline{\text{RESET}}$ Pin for OV/UV Detection and Other Diagnostics
- MAX32625PICO Mounted for I^2C Interface
- Proven PCB Layout
- Fully Assembled and Tested

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Complete documentation is available upon completion of a Non-Disclosure Agreement (NDA). To request an NDA, click here.

The MAX25252 evaluation kit (EV kit) provides a proven design to evaluate the MAX25252 five-output ASIL B PMIC. The EV kit can test each of the outputs to full load. I^2C communication is used to configure the MAX25252 and monitor the IC status. A PC-to-I^2C interface (such as the MAX32625PICO, which is mounted onto the EV kit) and software for reading and writing to I^2C registers (such as the MAX25252EVKIT software) simplifies testing.

Markets and Technologies

Automotive Solutions (1)

Applicable Parts

- MAX25252

Documentation & Resources

View All (1)

Evaluation Design File (1)

DOCUMENT TYPE

EVALUATION DESIGN FILE

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