

My products

No Products in your history

My technical documents

No documents in your history

My searches

No Searches in your history

TI Home > Semiconductors > Power Management > USB-Based PC Interface Board for Battery Fuel (Gas) Gauge Evaluation Module

Worldwide (In English)

# USB-Based PC Interface Board for Battery Fuel (Gas) Gauge Evaluation Module

(ACTIVE) EV2400

Description & Features

Technical Documents

Support & Community

Order Now

## Key Document

EV2400 Evaluation Module Interface Board User's Guide. (Rev. C) (PDF 824 KB)  
06 Feb 2015 997 views

View All Technical Documents (2)

## Description

The EV2400 EVM interface board enables an IBM-compatible or other type PC (with the required driver for its particular platform) to communicate with the Texas Instruments SMBus or I2C interface gas gauges via a Universal Serial Bus (USB) port. In addition to this board, PC software is required to interpret the gas gauge data to complete the evaluation system



USB-Based PC Interface Board for Battery Fuel (Gas) Gauge Evaluation Module

## Features

- Fully powered from the USB port
- Optional 5-V port for powering high power voltage drivers (future upgrade)
- Complete interface between the USB and SMBus, I2C (8/16) interfaces using a simple API
- Expansion port for future upgrades

## Order Now

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
EV2400: USB-Based PC Interface Board for Battery Fuel (Gas) Gauge Evaluation Module	\$199.00(USD) In Stock Typically Ships in 1 to 3 Business Days <a href="#">Buy from TI</a> <a href="#">Download</a>	Pricing may vary. <a href="#">Buy from distributor</a>	ACTIVE	Yes	Yes	Yes	NA	NA	Yes	Yes	NA	Yes	No	Yes	No

Contact a Distributor

TI's Standard Terms and Conditions for Evaluation Modules apply.

## Technical Documents

### User Guides (2)

Title	Abstract	Type	Size (KB)	Date	Views	TI Recommends
EV2400 Evaluation Module Interface Board User's Guide. (Rev. C)		PDF	824	06 Feb 2015	997	✓
EV2400 Evaluation Module Interface Board User's Guide. (Rev. B)		PDF	758	13 Aug 2014	997	

## Related Products

## Software (2)

 [EV2400 Firmware Updater](#)  
(ZIP, 8504 KB) 19 Jan 2015

 [Support components to enable specific TI software \(bqEVSW\) to work with EV2400](#)  
(ZIP, 185 KB) 751 views, 06 Oct 2011

## Design Kits & Evaluation Modules (14)

Name	Part Number	Tool Type
<a href="#">BQ27411EVM-G1C Pack-Side Impedance Track™ Fuel (Gas) Gauge Evaluation Module</a>	BQ27411EVM-G1C	Evaluation Modules & Boards
<a href="#">BQ27421EVM-G1B System-Side Battery Fuel (Gas) Gauge Evaluation Module</a>	BQ27421EVM-G1B	Evaluation Modules & Boards
<a href="#">BQ27425EVM-G2A System-Side Impedance Track™ Fuel (Gas) Gauge Evaluation Module</a>	BQ27425EVM-G2A	Evaluation Modules & Boards
<a href="#">BQ27425EVM-G2B System-Side Impedance Track™ Fuel (Gas) Gauge Evaluation Module</a>	BQ27425EVM-G2B	Evaluation Modules & Boards
<a href="#">BQ27545EVM Single Cell, Pack Side, Impedance Track Fuel Gauge Evaluation Module</a>	BQ27545EVM	Evaluation Modules & Boards
<a href="#">BQ27741EVM Pack-Side Impedance Track Fuel (Gas) Gauge Integrated Protector Evaluation Module</a>	BQ27741EVM	Evaluation Modules & Boards
<a href="#">bq27742-G1 Single Cell Li-ion Battery Fuel (Gas) Gauge Programmable Evaluation Module</a>	BQ27742EVM	Evaluation Modules & Boards
<a href="#">Pack-Side Impedance Track™ Fuel (Gas) Gauge Evaluation Module</a>	BQ27411EVM-G1B	Evaluation Modules & Boards
<a href="#">Pack-Side Impedance Track™ Fuel (Gas) Gauge Evaluation Module</a>	BQ27411EVM-G1A	Evaluation Modules & Boards
<a href="#">Single Cell Impedance Track™ Battery Fuel Gauge With Integrated LDO Evaluation Module   Gas Gauge</a>	BQ27541EVM	Evaluation Modules & Boards
<a href="#">System-Side Fuel (Gas) Gauge Dynamic Voltage Correlation Evaluation Module</a>	BQ27621EVM-G1	Evaluation Modules & Boards
<a href="#">System-Side Impedance Track™ Battery Fuel (Gas) Gauge Evaluation Module</a>	BQ27441EVM-G1B	Evaluation Modules & Boards
<a href="#">System-Side Impedance Track™ Fuel Gauge Evaluation Module   Battery Fuel Gauge Integrated Circuit</a>	BQ27520EVM	Evaluation Modules & Boards
<a href="#">System-Side Single-Cell Impedance Track™ Technology Evaluation Module   Battery Fuel Gauge Integrated</a>	BQ27510EVM	Evaluation Modules & Boards

[Show More](#)

## TI Devices (4)

Part Number	Name	Product Family
<a href="#">BQ27421-G1</a>	<a href="#">System-Side(tm) Fuel Gauge With Integrated Sense Resistor   Battery Gas Gauge</a>	Battery Management Products
<a href="#">BQ27532-G1</a>	<a href="#">Battery Management Unit Impedance Track Fuel Gauge for bq2425x Charger</a>	Battery Management Products
<a href="#">BQ27621-G1</a>	<a href="#">System-Side Fuel Gauge with Dynamic Voltage Correlation, Battery Gas Gauge</a>	Battery Management Products
<a href="#">BQ27742-G1</a>	<a href="#">bq27742-G1 Single Cell Li-Ion Battery Fuel Gauge With Integrated Protection</a>	Battery Management Products


[Show More](#)

## Support and Community

### Wikis

[Visit the TI Wiki](#)

## TI E2E™ community



As a member of [my.TI](#) you can join the [TI E2E™ Community](#) where you can ask questions, share ideas and collaborate with fellow engineers and TI experts

Contents are provided "AS IS" by the respective TI and Community contributors and do not constitute TI specifications. See [Terms of use](#).

Engage in the Community

- [Amplifiers](#)
- [Broadband RF/IF & Digital Radio](#)
- [Clocks & Timers](#)
- [Data Converters](#)
- [DLP® & MEMS](#)
- [Interface](#)
- [Logic](#)
- [Power Management](#)
- [Wireless Connectivity](#)

## Training & events

Name	Type	Available During
<a href="#">Georgia Tech MOOC: Control of Mobile Robots</a> Learn how to make mobile robots move in effective, safe, predictable, and collaborative ways using modern control theory.	On-Line Training	On Demand
<a href="#">SimpleLink™ Wi-Fi CC3100 and CC3200 Project 0 Series - 5 Part Series</a> Learn about using Software Tools for SimpleLink™ Wi-Fi CC3100 Boosterpack and CC3200 Launchpad	On-Line Training	On Demand
<a href="#">TI-RTOS Update</a> Learn about the latest TI-RTOS features and more in-depth understanding of this TI software tool.	On-Line Training	On Demand
<a href="#">Designing with Ultra Low Power Segmented Displays</a> Learn about designing Ultra-low Power Segmented Displays and MSP430	On-Line Training	On Demand

[See more training & events](#) ▶

## Customer Tags ?

Most Popular Tags for EV2400:

- [64 bit support](#) (1)

[View All Tags](#) ▶

Create a Tag

## Other Support

- [TI E2E Community](#)
- [Contact Technical Support](#)

## Your History

### Products You Recently Viewed

There are no items in your history.