

BQMTESTER Multi Channel Test and Program Board

(ACTIVE) BQMTESTER



Description & Features



Technical Documents



Support & Community



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Important Note

This EVM requires the use of a communications transceiver, the EV2300. If one is not already available to you then one can be ordered through the eStore. The EVM bundled with the EV2300 is available at a discounted price for a limited time at the eStore.

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Key Document



[bqMTester User's Guide \(Rev. B\)](#) (PDF 1829 KB)

04 Oct 2013 342 views

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Description

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The bqMTester from Texas Instruments is designed to calibrate and program electronic smart battery modules based on the bq20z80 and future advanced battery gas gauges utilizing the patented Impedance Track™ technology. The bqMTester works in conjunction with the HPA169 calibration board and the EV2300 USB-Based PC Interface Board for Battery Fuel Gauge Evaluation from Texas Instruments.

Features

- Programs and calibrates smart battery modules based on the bq20z80.
- Calibrates coulomb counter offset, voltage, temperature, and current.
- Programs serial number, date, pack lot code, and other defaults obtained from a gold data flash file.
- Test software is Windows 2000 and Windows XP compatible.
- Data logging feature preserves manufacturing records.

What's Included

- SLUU238, bqMTester User's Guide (Rev. B)
- CD-ROM

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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
BQMTESTER: BQMTESTER Multi Channel Test and Program Board	\$299.00(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				

Technical Documents

User Guides (1)

Title	Abstract	Type	Size (KB)	Date	Views	TI Recommends
 bqMTester User's Guide (Rev. B)		PDF	1829	04 Oct 2013	342	✓

Related Products

Software (1)

 [bqMtester Software \(Rev. C\)](#)
(ZIP, 2850 KB) 96 views, 19 Dec 2007

Design Kits & Evaluation Modules (1)

Name	Part Number	Tool Type
USB-Based PC Interface Board for Battery Fuel (Gas) Gauge Evaluation	EV2300	Evaluation Modules & Boards

TI Devices (11)

Part Number ↕	Name	Product Family ↕
BQ20Z70	SBS 1.1 Compliant Gas Gauge Enabled w/Impedance Track Tech For bq29330 no LEDs	Battery Management Products
BQ20Z70-V150	SBS 1.1-Compliant Gas Gauge Enabled with Impedance Track Technology for use with the bq29330	Battery Management Products
BQ20Z70-V160	SBS 1.1-Compliant Gas Gauge Enabled with Impedance Track Technology for use with the bq29330	Battery Management Products
BQ20Z80	SBS 1.1-Compliant Gas Gauge Enabled with Impedance Track(TM) Technology for Use With the bq29312	Battery Management Products
BQ20Z80-V101	Impedance Track (TM) 1% accurate Gas Gauge for Lilon batteries SBS1.1 compliant	Battery Management Products
BQ20Z80-V102	SBS 1.1-Compliant Gas Gauge Enabled w/Impedance Track Tech	Battery Management Products
BQ20Z80-V110	SBS 1.1-Compliant Gas Gauge Enabled w/Impedance Track Tech	Battery Management Products
BQ20Z80A-V110	SBS 1.1 Compliant Gas Gauge Enabled with Impedance Track Technology for use with the bq29312A	Battery Management Products
BQ20Z90	SBS 1.1 Compliant Gas Gauge Enabled w/Impedance Track Tech For bq29330	Battery Management Products
BQ20Z90-V110	SBS 1.1 Compliant Gas Gauge Enabled w/Impedance Track Tech	Battery Management Products
BQ20Z90-V150	SBS v1.1 Compliant Gas Gauge for Use With the bq29330	Battery Management Products

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Training & events

Name	Type	Available During
Georgia Tech MOOC: Control of Mobile Robots Learn how to make mobile robots move in effective, safe, predictable, and collaborative ways using modern control theory.	On-Line Training	On Demand
SimpleLink™ Wi-Fi CC3100 and CC3200 Project 0 Series - 5 Part Series Learn about using Software Tools for SimpleLink™ Wi-Fi CC3100 Boosterpack and CC3200 Launchpad	On-Line Training	On Demand
TI-RTOS Update Learn about the latest TI-RTOS features and more in-depth understanding of this	On-Line Training	On Demand

TI software tool.		
Designing with Ultra Low Power Segmented Displays Learn about designing Ultra-low Power Segmented Displays and MSP430	On-Line Training	On Demand

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