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bqTESLA Wireless Power Evaluation kit from Texas Instruments

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BQTESLA150LP

Description

The bqTESLA150LP low power wireless power evaluation kit from Texas Instruments is a high performance, easy-to-use development kit for the design of wireless power systems. Consisting of a single channel transmitter featuring the bq500110 along with 5V power supply receiver featuring the bq51013, the kit enables designers to speed development of their end applications. The bq51013 device is a highly integrated solution in a 3mm chip scale package. Few external parts are required which simplify design and minimizes solution area. With no additional software development required, bq51013 allows for true plug-and-play functionality. The evaluation kit is designed for compatibility with the Qi Standard. The bqTESLA150lp Kit is made up of two separate EVMs. Receiver EVM is the bq51013EVM725 and Transmitter is bq500110EVM688. User guides for each EVM is listed below, operating instructions for the Receiver and Transmitter operating together is as a kit is also contained in the kit. Also each individual EVM will operate with other Qi compatible devices

Features

- 5V Power Supply Receiver Featuring bq51013
- bq51013 Highly Integrated Solution, low parts count and small area
- SingleChannel Transmitter Featuring bq500110
- Enables Designers to Speed Development of End Applications
- No Additional Software Development Required
- Allows for True Plug-and-Play Functionality
- Designed for Compatibility with Qi Standard

Order Now

Part Number	Texas Instruments	Authorized Distributors	Status	Price (US\$)
BQTESLA150LP: bqTESLA Wireless Power Evaluation kit from Texas Instruments	Order Online	Add to Cart	ACTIVE	\$299.00
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Technical Documents

Datasheet

- [Integrated Wireless Power Supply Receiver, Qi \(WPC\) Compliant. \(Rev. 1.0\) \(PDF 2959 KB\)](#)
11 Aug 2011
- [Wireless Power Transmitter Manager. \(Rev. A\) \(PDF 634 KB\)](#)
15 Apr 2011

User Guides

- [bq51013EVM725 Evaluation Module \(Rev. A\) \(PDF 684 KB\)](#)
17 Mar 2011 4,485 views [Read Abstract](#)
- [bq500110EVM688 Evaluation Module \(Rev. A\) \(PDF 883 KB\)](#)
24 Jan 2011 3,995 views

Related Products

TI Design Kits, Boards & Tools	TI Software	TI Devices (2)
Name	Part Number	Tool Type
Evaluation Module for bq500210 Qi Compliant Wireless Power Transmitter	BQ500210EVM689	Development Boards/EVMs
bq500110EVM688 Gerber Files (zip 662 KB) 26 Apr 2011 724 views		
bq51013EVM725 Gerber Files (zip 271 KB) 26 Apr 2011 1599 views		
Part Number	Name	Product Family
BQ500110	Generation 1 Wireless Power Transmitter Manager	Wireless Power
BQ51013	Generation 2 Integrated Wireless Power Receiver Solution, Qi (Wireless Power Consortium)	Wireless Power

Support Software

- [bq500110EVM688 Gerber Files](#)(zip 662 KB)
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