

# BQ500511 and BQ50002 Wireless Power Transmitter Evaluation Module

(OBSOLETE) BQ50002EVM-607


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## Key Document

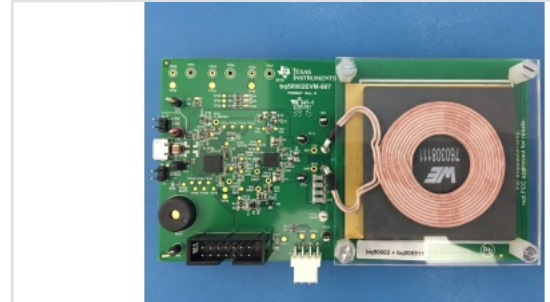


• [BQ50002 Wireless Power TX Evaluation Module User's Guide](#) (PDF 881 KB)  
16 Oct 2015

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## Description

The BQ500511 and BQ50002 Wireless Power Transmitter evaluation module from Texas Instruments is a high-performance, easy-to-use development module for the design of wireless power solutions. This evaluation module (EVM) provides all the basic functions of a Qi-compliant, wireless charger pad. The 5-V input, single coil transmitter enables designers to speed the development of their end-applications. The EVM supports both the WPC 1.0, 1.1 and 1.2 receivers and will support output power up to 5 W.



BQ50002EVM-607 BQ500511 and BQ50002 Wireless Power Transmitter Evaluation Module Board Image

## Features

- 5-V input single coil transmitter
- 2-chip solution for highly integrated transmitter solution
- Qi-Certified WPC 1.2 solution for 5-W operation
- Enhanced Foreign Object Detection (FOD) with FOD ping detecting objects prior to power transfer
- Standard WPC A11-type transmitter coil

TI's [Standard Terms and Conditions for Evaluation Modules](#) apply.

## Technical Documents

### User guides (1)

Title	Abstract	Type	Size (KB)	Date	Views	TI Recommends
 <a href="#">BQ50002 Wireless Power TX Evaluation Module User's Guide</a>		PDF	881	16 Oct 2015	0	✓

### Design files (2)

Title	Abstract	Type	Size (KB)	Date	Views
<a href="#">bq50002EVM-607 Gerber Files</a>		ZIP	537	02 Dec 2015	0
<a href="#">bq50002EVM-607 Design Files</a>		ZIP	1182	02 Dec 2015	0

## Related Products

### TI Devices (4)

Part Number	Name	Product Family
<a href="#">BQ50002</a>	Wireless Power Transmitter Analog Front End	Battery management
<a href="#">BQ50002A</a>	Low-Cost 5-V Wireless Power Transmitter AFE WPC V 1.2 A11 Transmitter	Battery management
<a href="#">BQ500511</a>	Wireless Power Transmitter Controller	Battery management

Part Number ▾	Name	Product Family ▾
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## Support & training

### Need help? Support topics for you

[BQ50002EVM-607: Wireless Charging Operation Frequency Control via I2C](#)[BQ50002EVM-607: FOD Issue](#)

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