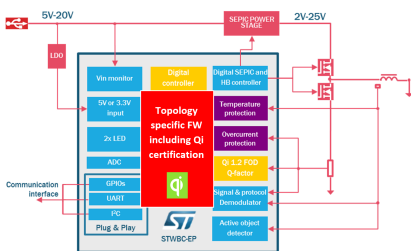


## Firmware for EVALSTWBC-EP 15W single coil Qi MP-A15 wireless power TX evaluation kit based on STWBC-EP



### Features

- STWBC-EP Qi MP-A15 single coil 15W wireless charging solution
- Smart standby
- STSW-STWBCGUI compatibility
- Parameters tuning for application customization
- Foreign Object Detection (FOD)

### Description

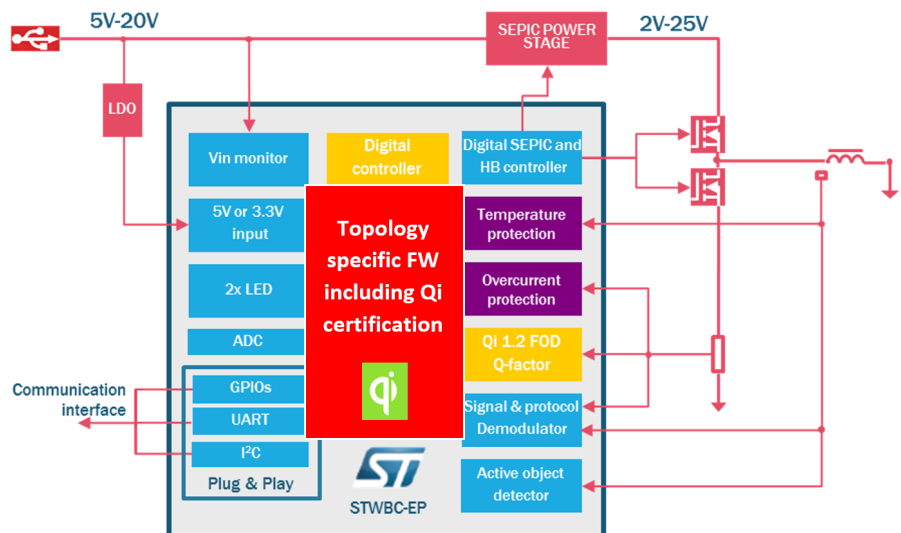
The [STSW-STWBC-EP](#) firmware blocks offer all the STWBC-EP standard functionalities dedicated to the 15W single coil MP-A15 evaluation board EVALSTWBC-EP.

This firmware is compliant with Qi V1.2.4 implementation, thus it can be used with any Qi certified receivers.

This firmware can be downloaded via UART using the [STSW-STWBCGUI](#) GUI provided on [www.st.com](#).

The GUI offers a complete monitoring of the board and allows the tuning of several parameters on the board.

Figure 1. Firmware for EVALSTWBC-EP



Product status link	
<a href="#">STSW-STWBC-EP</a>	
Product summary	
15 W single coil Qi MP-A15 wireless power TX evaluation kit based on STWBC-EP	<a href="#">STSW-STWBC-EP</a>
USB-UART dongle	STEVAL-WBCDNGV1
Digital controller for wireless battery chargers transmitters for Qi 15 W applications	STWBC-EP
Firmware for EVALSTWBC-EP	<a href="#">STSW-STWBC-EP</a>
Graphical user interface for wireless power transmitter evaluation boards based on the STWBC chip family	<a href="#">STSW-STWBCGUI</a>

## Revision history

**Table 1. Document revision history**

Date	Version	Changes
17-Apr-2019	1	Initial release.

**IMPORTANT NOTICE – PLEASE READ CAREFULLY**

STMicroelectronics NV and its subsidiaries (“ST”) reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST’s terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers’ products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. For additional information about ST trademarks, please refer to [www.st.com/trademarks](http://www.st.com/trademarks). All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.

© 2019 STMicroelectronics – All rights reserved