

# Graphical user interface for wireless power receiver and transmitter evaluation boards



## Features

- Access to key configuration registers
- Live chart of key electrical parameters such as output voltage, rectifier voltage, IC temperature and currents
- Coil selection wizard to assist in the design of a custom coil
- Foreign object detection (FOD) tuning wizard
- NVM programming
- Header generator tool for programming with external microcontroller

## Description

The **STSW-WPSTUDIO** enables the tuning and design-in of wireless power devices.

It provides support for the complete evaluation of wireless power device **STWLC38**, **STWLC98**, **STWLC99** and **STWBC86**, from register tuning to the final NVM programming.

The GUI enables real time monitoring of key internal parameters that are streamed over a USB connection, and provides wizards to simplify otherwise complex tasks such as FOD (foreign object detection) and custom coil design.

The GUI requires a **STEVAL-WLC38RX**, **STEVAL-WLC98RX**, **STEVAL-WLC99RX** or **STEVAL-WBC86TX** evaluation board and a PC running Microsoft® Windows® 10.

Product summary	
Graphical user interface for wireless power receiver evaluation board	<a href="#">STSW-WPSTUDIO</a>
Qi-compliant inductive wireless charger power receiver for up to 15W applications	<a href="#">STWLC38JRM</a>
Qi-compatible inductive wireless charger power transmitter for up to 5W applications	<a href="#">STWBC86JR</a>
Qi-compliant inductive wireless charger power receiver for 70W applications	<a href="#">STWLC98JR</a>
Qi-compliant inductive wireless charger power receiver for 100W applications	<a href="#">STWLC99JR</a>
PC requirements	PC running Microsoft® Windows® 10
Applications	<a href="#">Wireless Chargers</a>

## Revision history

**Table 1. Document revision history**

Date	Version	Changes
03-Apr-2023	1	Initial release.
18-Jul-2023	2	Updated cover image.

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