

Firmware for STEVAL-WLC38RX wireless receiver evaluation kit

Applications & demonstrations	Host Interface
Middleware	Qi Protocol Library
Hardware	STWLC38JRM
	STEVAL-WLC38RX

Features

- Qi1.3 compliant FW for STWLC38 wireless receiver
- Baseline power profile (BPP) deliver up to 5 W
- Extended power profile (EPP) deliver up to 15 W

Description

The **STSW-WLC38FWEPP** firmware for **STEVAL-WLC38RX** offers the STWLC38 device functions based on the Qi standard.

The device works as a BPP receiver (5 V output) when placed on a BPP wireless transmitter.

The device works as an EPP receiver (9 V output) when placed on an EPP wireless transmitter.

The firmware can be downloaded via I²C using the **STSW-WPSTUDIO**, which offers complete board monitoring.

The user can access and modify different configuration parameters, tailoring the operation of the device to the needs of custom applications.

Product summary	
Firmware for the STEVAL-WLC38RX wireless charger receiver evaluation kit	STSW-WLC38FWEPP
Qi-1.3 compliant inductive wireless power receiver	STEVAL-WLC38RX
Qi-compliant inductive wireless power receiver for up to 15 W applications	STWLC38JRM
GUI for developing applications using the STEVAL-WLC8RX evaluation board	STSW-WPSTUDIO
Applications	Smartphones/ Tablets

Revision history

Table 1. Document revision history

Date	Revision	Changes
26-Jul-2023	1	Initial release.

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