

EGGTRONIC®

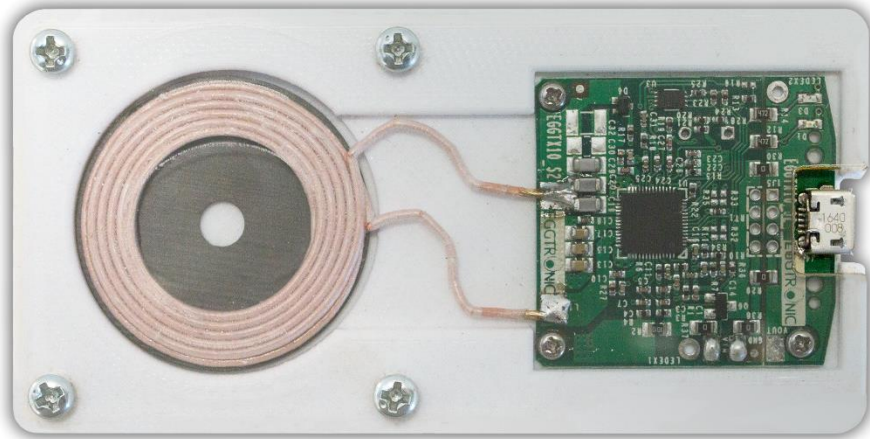
**EGGTX010**

**QI WIRELESS TRANSMITTER**

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## DESCRIPTION



The EGGTX010 is a small sized WPC Specification 1.1.2 compliant 5W Wireless Power Transmitter operating at 5V.

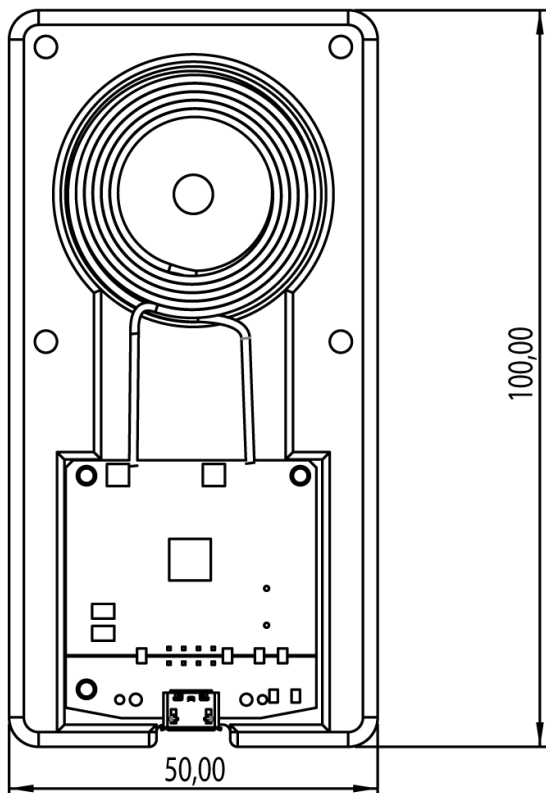
The EGGTX010 can supply every Qi compatible receiver.

The product is extremely small sized, ensuring at the same time maximum performances and compatibility with the WPC Qi Standard. The transmitting coil provided together with the EGGTX010 features an excellent tradeoff between size, output power and efficiency.

# FEATURES

- 4.75V to 6.7V input operating voltage range
- WPC-1.1.2 compliant
- FOD (Foreign Object Detection)
- Up to 5W power transfer to the receiver
- Demodulates and Decodes Communication Packets from WPC-compliant Receivers
- Input over-voltage protection
- Soft start
- Current limit and over-temperature protection
- Charging Status LEDs
- -40° to +85°C temperature range

# TECHNICAL DRAWINGS



# I/O DESCRIPTION

## INPUT

- Micro-USB

## OUTPUT

- 5V 1A inductive transmission

## LED CONFIGURATION

	Operational Status				
Color	Standby	Transfer	Complete	Low-Power	Fault
GREEN	On	Blink 1Hz	On	Blink 2Hz	OFF
RED	On	Off	Off	Off	Blink 4Hz

# SAFETY

## SAFETY

The EGGTX010 features:

- FOD (Foreign Object Detection)
- Over-Current protection
- Over-Voltage protection
- Over-Temperature protection.

## OVER TEMPERATURE

The product includes a thermistor in order to stop the charging process when the sensed temperature exceeds a safe level, in order to ensure a safe working temperature in any condition.



# CONTACTS

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**FCC Warning**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.