

Technical Data Sheet

eval-kit Qi-wireless power V.5.1



5 Watt Evaluation Kit Qi-Wireless Power

Features:

- Complete demonstration kit for inductive power transmission
- Includes coils for power transmitter and power receiver
- Automatic identification of the receiver side
- Integrated safety functions
- Foreign object detection
- Qi certified¹

Applications:

- Stand alone demonstration kit (incl. power supply)
- Design-in solution for Product Development and Engineering

Specification

Power transmitter PCB	
Input Voltage	19VDC
Dimensions Coil (Ø x H)	47mm x 3.5mm
Dimensions PCB (L x W)	41mm x 38mm

Power receiver PCB	
Output Voltage	5VDC
Output Power	5W
Dimensions Coil (Ø x H)	33mm x 2mm
Dimensions PCB (L x W)	60mm x 50mm
Dimensions Power Receiver on PCB	91mm ²
Dimensions Post Regulator on PCB	85mm ²

Evaluation-Kit Contents

- 1 Power transmitter PCB with coil on a transparent mounting plate with integrated power socket
- 1 Power receiver PCB with coil on a transparent mounting plate with two high power LEDs
- 1 Wall plug power supply with changeable plugs for EU / UK / US
- 1 SMT Pin Header 2.54mm
- 1 SMT Pin Socket 2.54mm
- 1 Brief instruction sheet in German, English and Japanese
- 1 Plastic transport case

Dimensions

Eval-kit power transmitter (LxWxH)	60mm x 95mm x 26.5mm
Eval-kit power receiver (LxWxH)	60mm x 50mm x 16mm

Notes:

1. Qi (pronounced "chee" and chosen by the Wireless Power Consortium) is the sign of interoperability between power transmitters and power receivers.

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