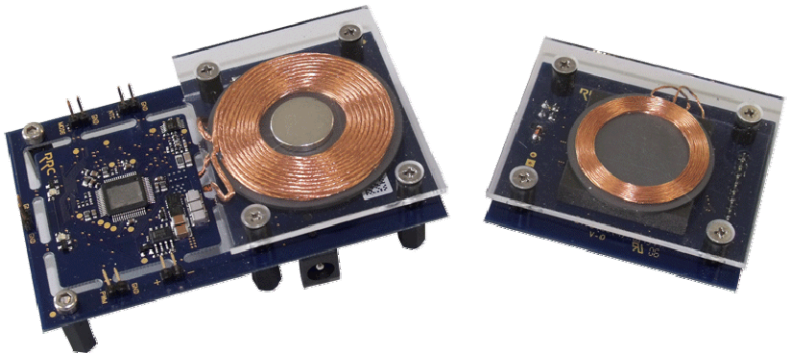
Technical Data Sheet

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 certified[1]

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	91mm²
Dimensions Post Regulator on PCB	85mm²

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 choosen by the Wireless Power Consortium) is the sign of interoperability between power transmitters and power receivers.

Germany/Headquarters	France	USA	Hong Kong/China
RRC power solutions GmbH Technologiepark 1 D-66424 Homburg / Saar	RRC power solutions SAS 69, rue Louise Michel F-92300 Levallois-Perret	RRC power solutions Inc. 18340 Yorba Linda Blvd., Suite 107-437 Yorba Linda, CA 92886-4104	RRC power solutions Ltd. 9/F Park Tower, 15 Austin Road Tsim Sha Tsui, Kowloon, Hong Kong
Tel.: +49 6841 98090 Fax: +49 6841 9809280 Email: sales@rrc-ps.de Web: www.rrc-ps.de	Tel.: +33 13005 6100 Fax: +33 13005 6101 Email: france@rrc-ps.com Web: www.rrc-ps.com	Tel.: +1 714 777 3604 Fax: +1 714 777 3658 Email: usa@rrc-ps.com Web: www.rrc-ps.com	Tel.: +852 2376 0106 Fax: +852 2376 0107 Email: hkrrc@rrc-ps.cn Web: www.rrc-ps.com