

Wireless Power Transmitter Reference Solution



Listing details

Reference Number: RF794131

Common

Price: \$ 32.94

Country: United States

Description:

Wireless Power Transmitter Reference Solution

Manufacturer Part #: P9038-R-EVK

Alternate Part #: P9038-R-EVK

The P9038-R-EVK is a turnkey 5 Watt, Qi-compliant wireless power transmitter reference kit for fast prototyping and design integration. The kit consists of an easy-to-use reference board and comprehensive support collateral that significantly eases design-in effort and minimizes time-to-market.

An associated layout module enables direct instantiation on to a system board, while an optimized and fully-tested Bill-of-Materials (BOM) takes the guess-work out of component selection.

The P9038-based solution is well-suited for a wide range of applications, including PC peripherals, furniture, medical devices, and other portable devices still hindered by traditional contact-based charging bases or cables.

Key Features

WPC 1.1.2 (Qi) compliant for interoperability Compact form factor for fast prototyping

Layout module provided for direct copy to system board

2-layer PCB reference layout and fully-tested BOM

4.5 to 6.9 V input, designed for 5 W output on the receiver

Integrated power stage for low BOM cost, low manufacturing cost, and small PCB area

Input in-rush control prevents surges with inexpensive power adapters

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Posted:

7 years ago

