



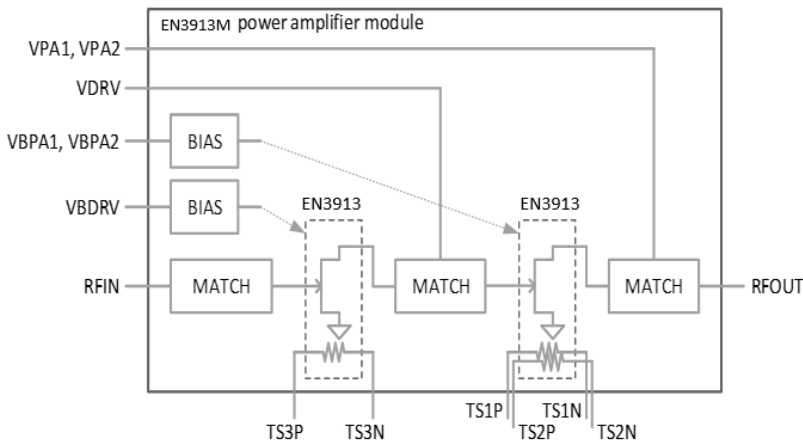
By Energoous Corporation

WattUp[®] EN3913M Power Amplifier

Wireless GaN power amplifier module enables WattUp wireless RF/antenna-based charging

EN3913M is a highly efficient, 2-stage GaN power amplifier module that delivers up to 40dBm of output power. Along with the DA4100 transmitter IC and EN3921 GaN power amplifier controller, they charge WattUp-enabled receivers. WattUp receiver technology may be integrated into various devices such as fitness trackers, hearables and wearables, smartphones, tablets, power tools, and other high-power devices.

WattUp EN3913M Wireless Power Amplifier Block Diagram



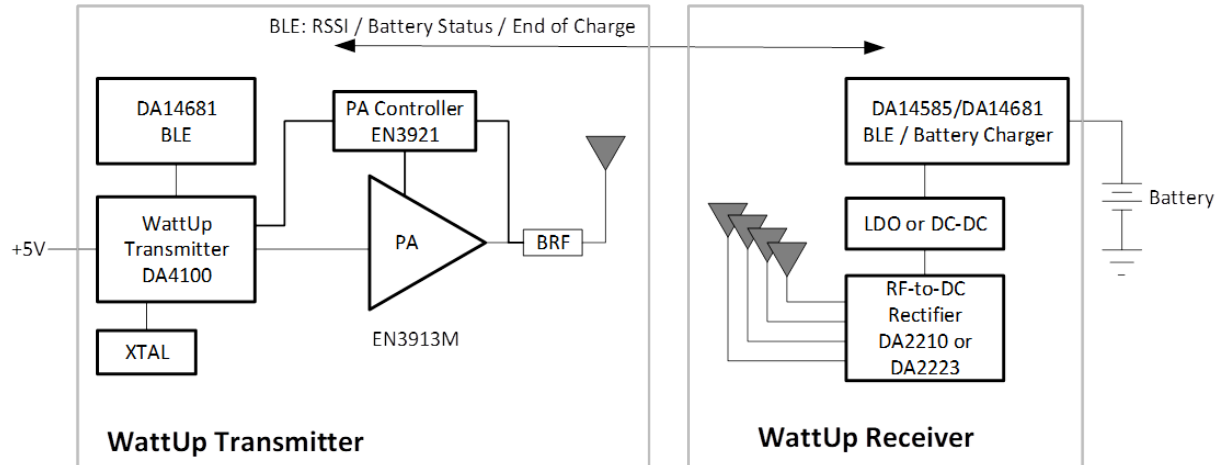
3590 N. 1st Street Suite 210
San Jose CA 95134

1-408-963-02100
www.energoous.com



By Energous Corporation

WattUp System Block Diagram



Applications

- Wearables
- Fitness Tracker
- Hearables
- Mobile Phones
- Tablets
- Power Tools
- Industrial Applications

Key Benefits

- RF/antenna-based solution
- Smaller antenna area than coil-based designs
- Improved spatial and orientation freedom
- Eliminates connectors and charging contacts
- Enables fully sealed waterproof design

This publication is issued to provide outline information only, which unless agreed by Energous Corporation may not be used, applied, or reproduced for any purpose or be regarded as a representation relating to products.

Energous, WattUp, and the Energous and WattUp logos are trademarks of Energous Corporation. All other product or service names are the property of their respective owners. © Copyright 2019 Energous Corporation. All rights reserved.



3590 N. 1st Street Suite 210
San Jose CA 95134

1-408-963-02100
www.energous.com