

WattUp® EN3913M Power Amplifier

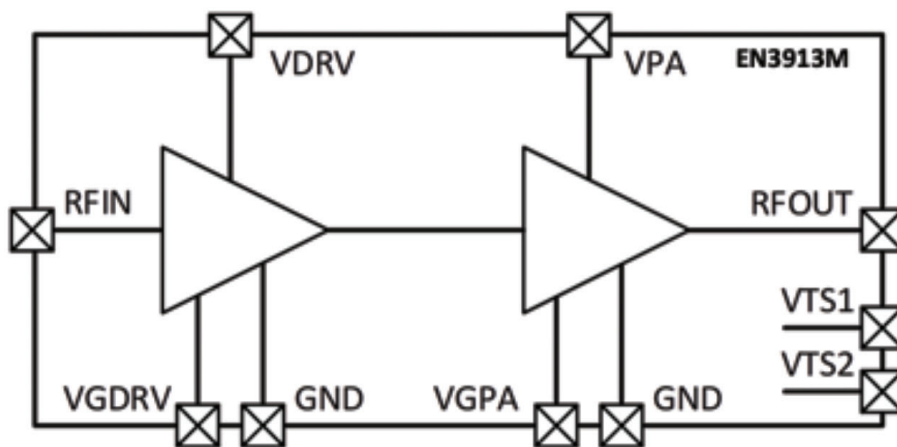
WattUP®

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

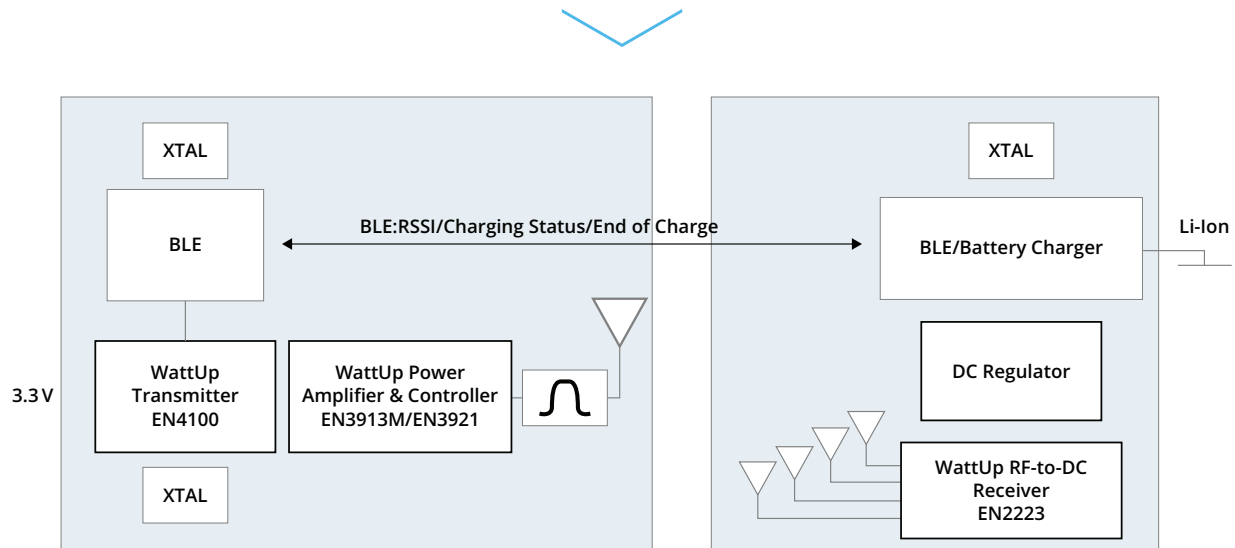
EN3913M is a highly efficient, GaN power amplifier module that delivers up to 38dBm of output power. Along with the EN4100 transmitter IC and EN3921 GaN power amplifier controller, they charge WattUp-enabled receivers.



WattUp EN3913M Wireless Power Amplifier Controller Block Diagram



WattUp System Block Diagram



Markets and Applications

- Industrial IoT
- Health and Safety
- IoT and Retail
- Automotive
- Consumer
- Defense and Public Safety

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

For more information or to order,
please contact: sales@energous.com

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