

WattUp® EN3921 Power Amplifier Controller

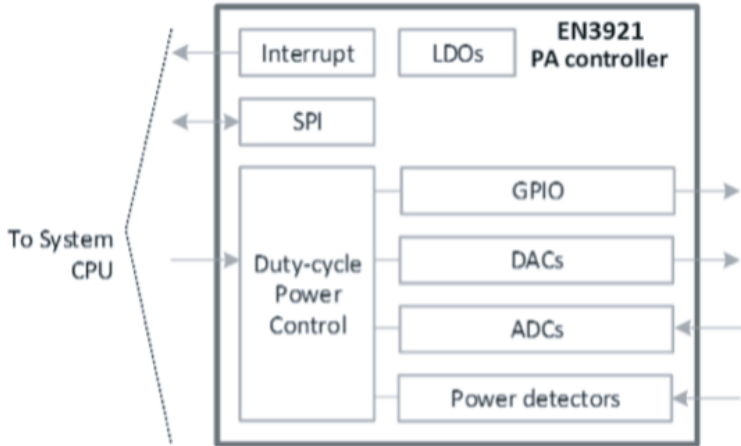


Wireless GaN power amplifier controller enables WattUp wireless RF/antenna-based charging.

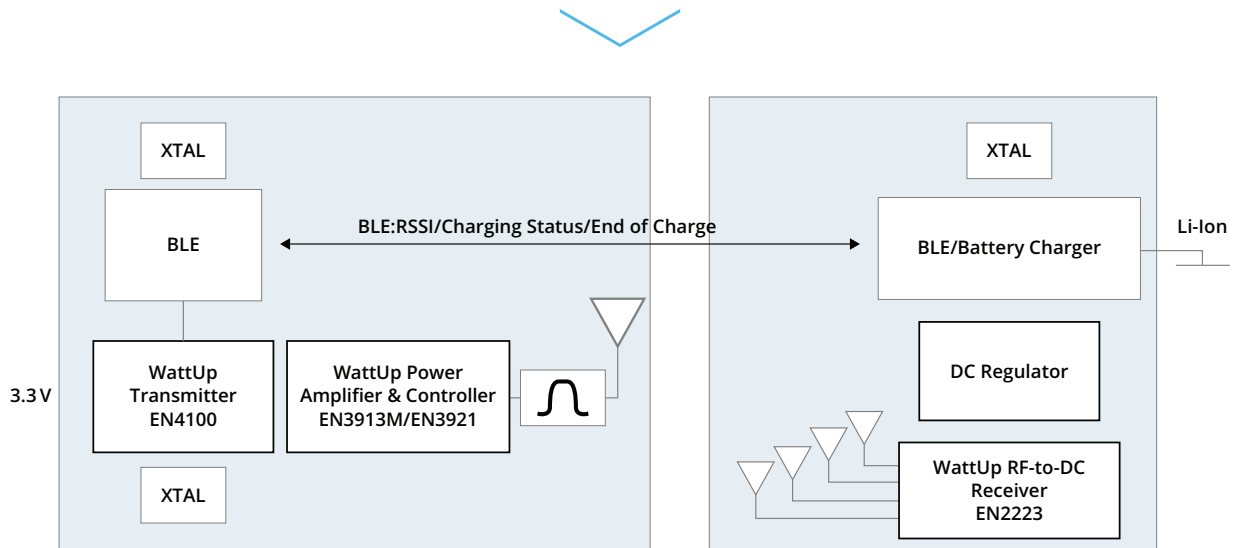
EN3921 is a power amplifier controller IC that supports biasing, monitoring and dynamic control of the EN3913M GaN power amplifier. The EN4100 transmitter IC, EN3921 controller, and EN3913M GaN Power Amplifier combined charge WattUp-enabled receivers.



WattUp EN3921 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,
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