



# 15 Watt Dual-device Wireless Power Controller for Auto Applications

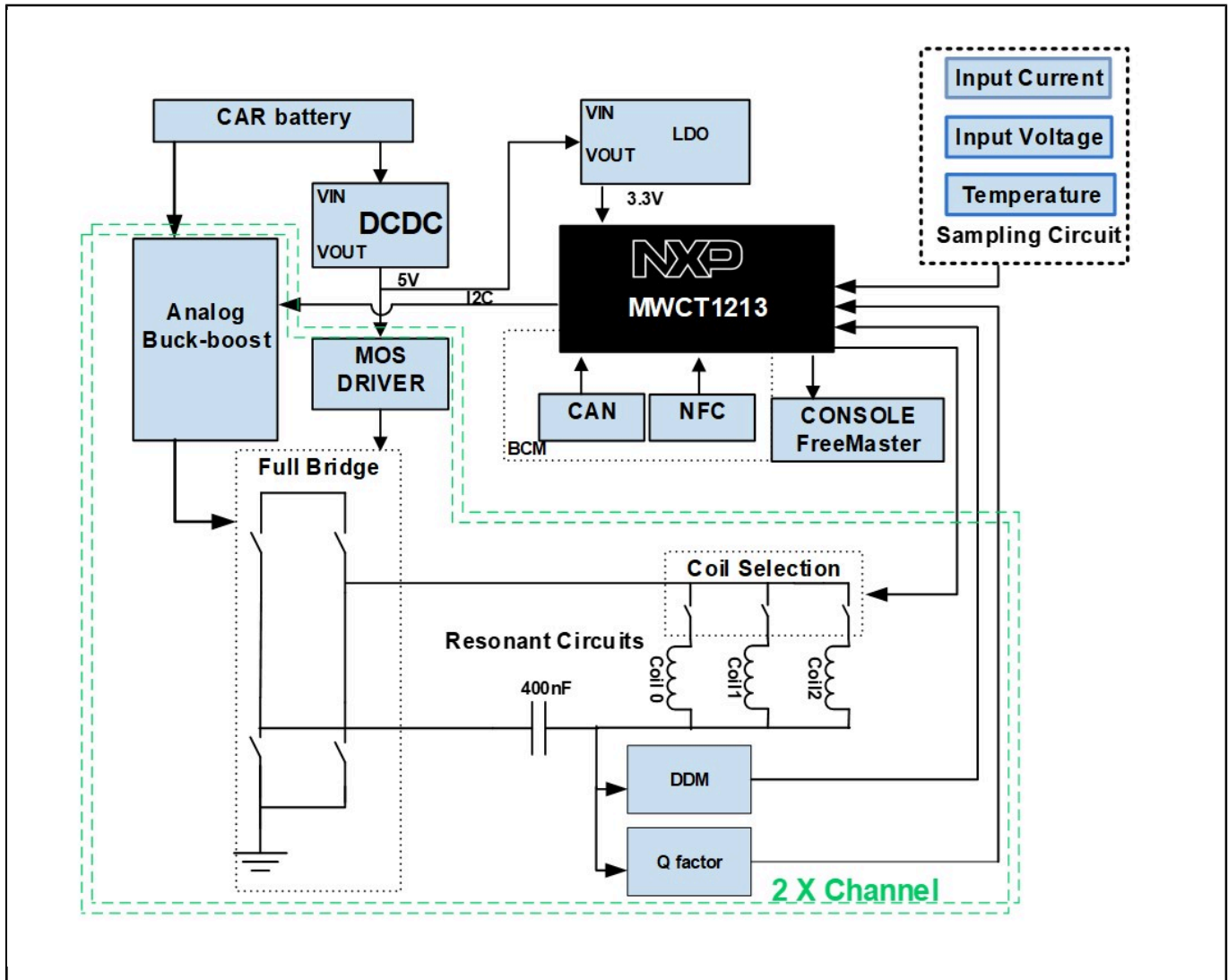
## MWCT1213A

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The NXP® MWCT1213A multi-coil wireless charging transmitter IC provides complete controller functionality to implement a wireless charging transmitter controller in an automotive environment. System supports dual-channel transmitter control, and manage overall system state, such as FOD, temperature and system efficiency

- The NXP® MWCT1213A multi-coil wireless charging transmitter IC provides complete controller functionality to implement a wireless charging transmitter in an automotive environment. System supports one chip dual-channel transmitter control, and manage overall system state, such as FOD, temperature and system efficiency for both channels.
- Latest WPC Qi v1.2.4 certified and can be designed for v1.3 with authentication
  - Latest WPC Qi v1.2.4 support, new Qi v1.3 with authentication ready
- Supports Qi certified EPP 15W receiver, max power is 30W(15W x 2), system compatible with customized fast charge mode
  - Supports 2x Qi certified EPP 15W receiver, max power is 30W (15W x 2), system compatible with customized fast charge mode

## MWCT1213 based solution Block Diagram Block Diagram



View additional information for [15 Watt Dual-device Wireless Power Controller for Auto Applications](#).

Note: The information on this document is subject to change without notice.

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