



Localization Reference Design

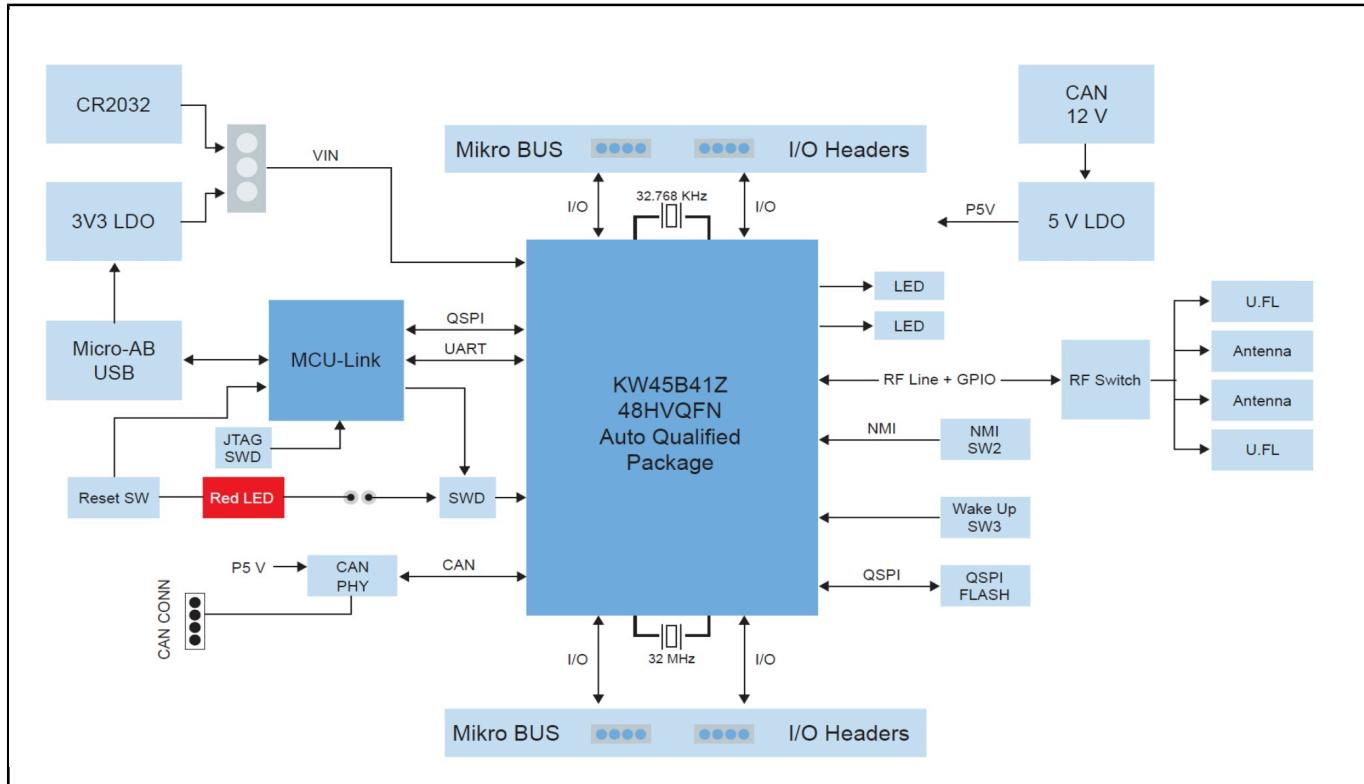
RD-KW45-LOCALIZATION

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The Localization Reference Design is an evaluation kit for experimenting with Bluetooth® channel sounding. The reference design has broad applicability for both automotive and IoT applications. It includes two chip antennas and an RF switch to support antenna diversity, an integrated programmer/debugger, and a mikroBUS™ header to easily add expansion boards.

This Localization Reference Design is based on the KW45 Automotive Bluetooth LE MCU which is pin-compatible with the MCX W71 IoT multiprotocol MCU and is intended for experimentation and prototyping, as it does not support the full Bluetooth channel sounding specification. However, this reference design will be updated to support the upcoming MCX W72 multiprotocol MCU (pin compatible with the MCX W71) and KW47 automotive MCU (pin compatible with the KW45) and ready for production channel sounding designs.

KW45B41Z-LOC Block Diagram



[View additional information for Localization Reference Design.](#)

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