Localization Board for KW47 Bluetooth Channel Sounding MCU

KW47-LOC

Preproduction

This page contains information on a preproduction product. Specifications and information herein are subject to change without notice. For additional information please contact your sales representative.

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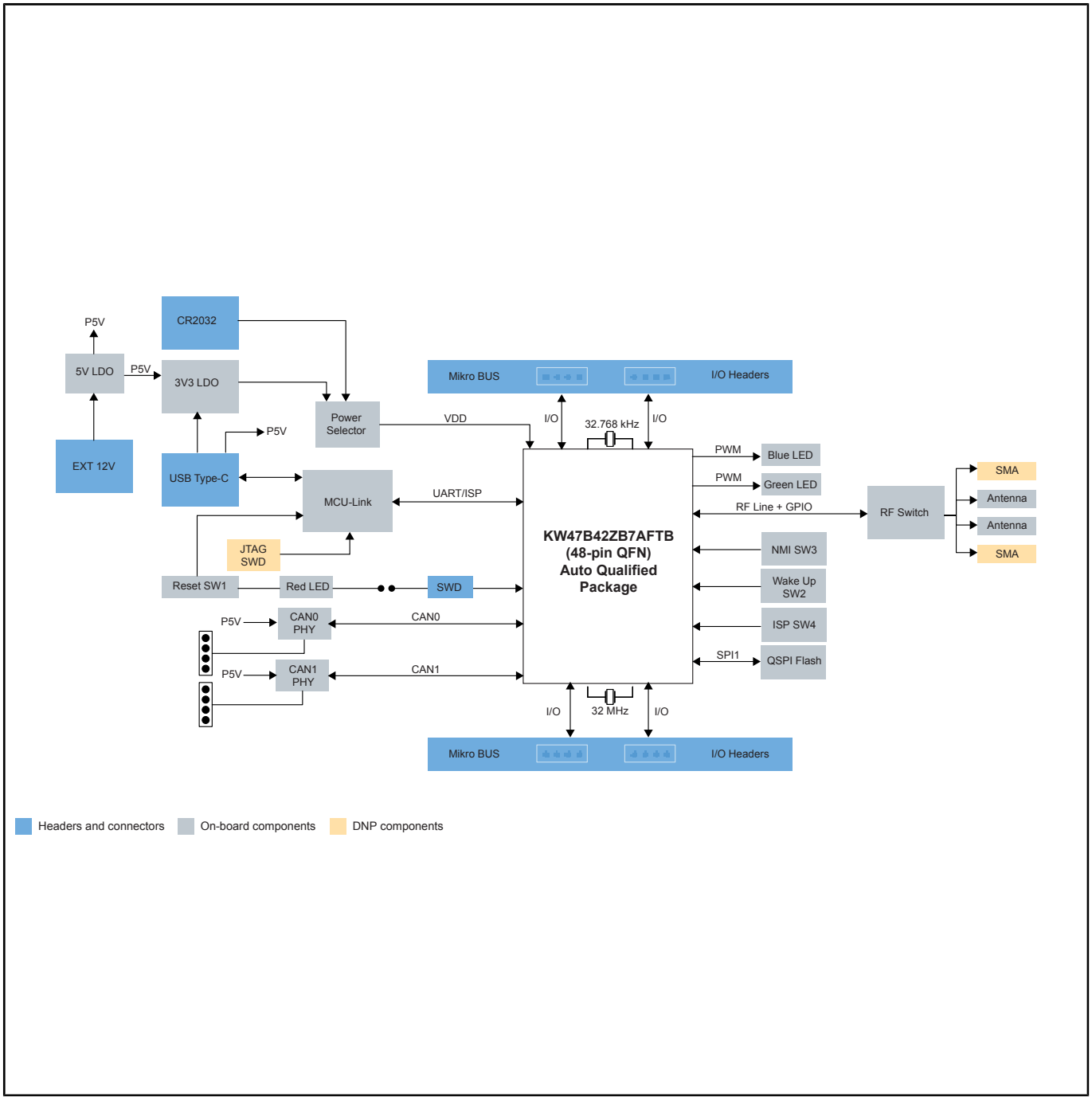
The Localization Reference Design with KW47 is an evaluation kit (EVK) for demonstrating Bluetooth® Channel Sounding for both automotive and IoT applications. This design consists of two chip antennas, an radio frequency (RF) switch supporting antenna diversity, an integrated programmer/debugger, and a mikroBUS™ header to easily add expansion boards. This board provides a highly suitable development and evaluation platform for the Bluetooth Low Energy LE Channel Sounding feature, as it supports Antenna Switching by default.

This Localization Reference Design is based on the KW47 Automotive Bluetooth LE microcontroller unit (MCU), which is pin-compatible with the MCX W72 IoT multiprotocol MCU, and is ready for Channel Sounding designs production. The KW47 MCU is qualified against the Bluetooth Core 6.x specification and is pin-compatible with the KW45 MCU.

KW47-LOC Block Diagram



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