



# Localization Reference Design using KW47

## KW47-LOC NEW

### Preproduction

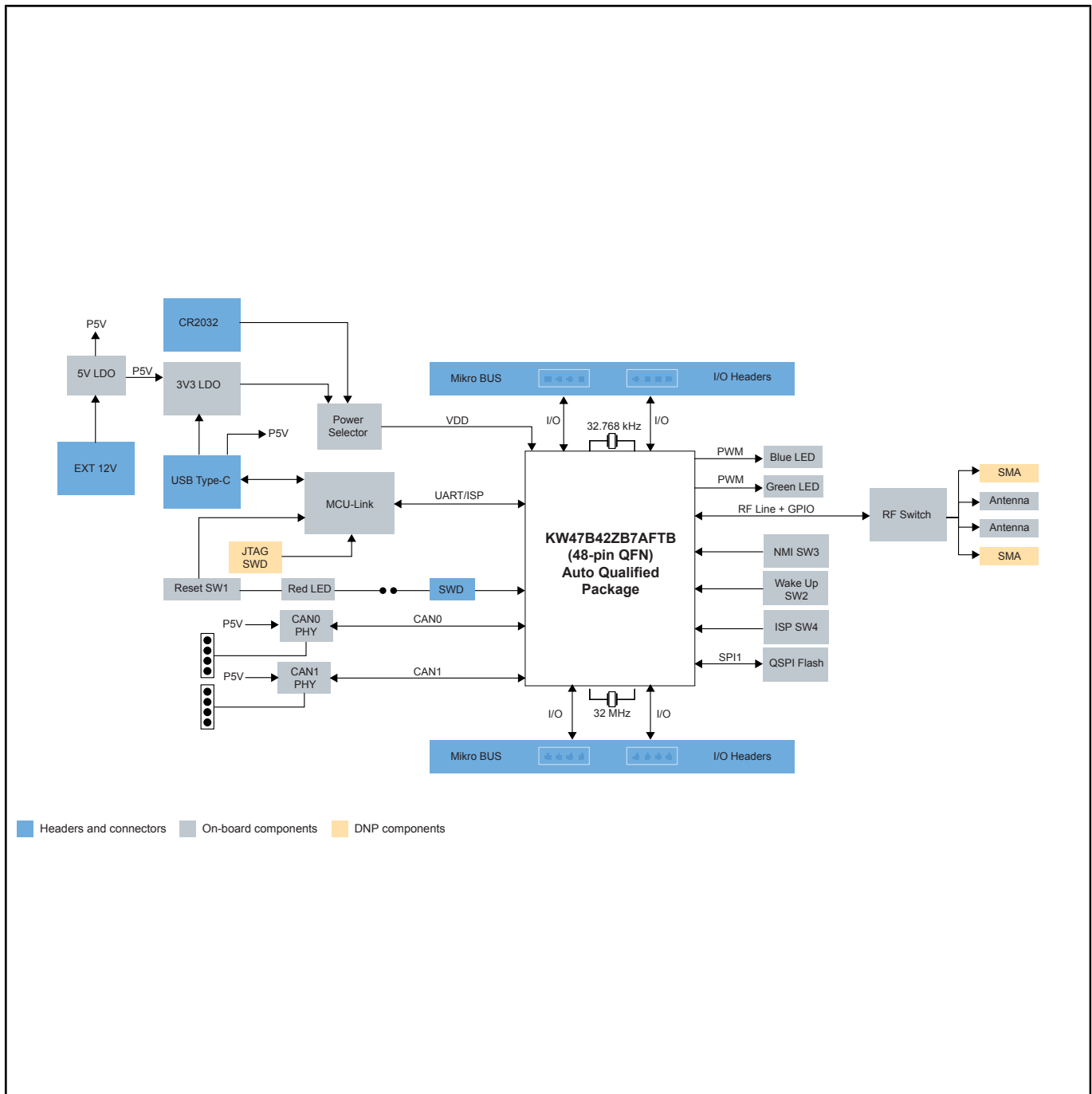
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Last Updated: Dec 22, 2025

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

This Localization Reference Design is based on the KW47 Automotive Bluetooth LE MCU, which is pin-compatible with the MCX W72 IoT multiprotocol MCU, and is ready for production Channel Sounding designs. The KW47 MCU is qualified against the Bluetooth Core 6.0 specification, and is pin compatible with the KW45 MCU.

## KW47-LOC Block Diagram



View additional information for [Localization Reference Design using KW47](#).

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