EdgeReady MCU Based Solution for Alexa for IOT

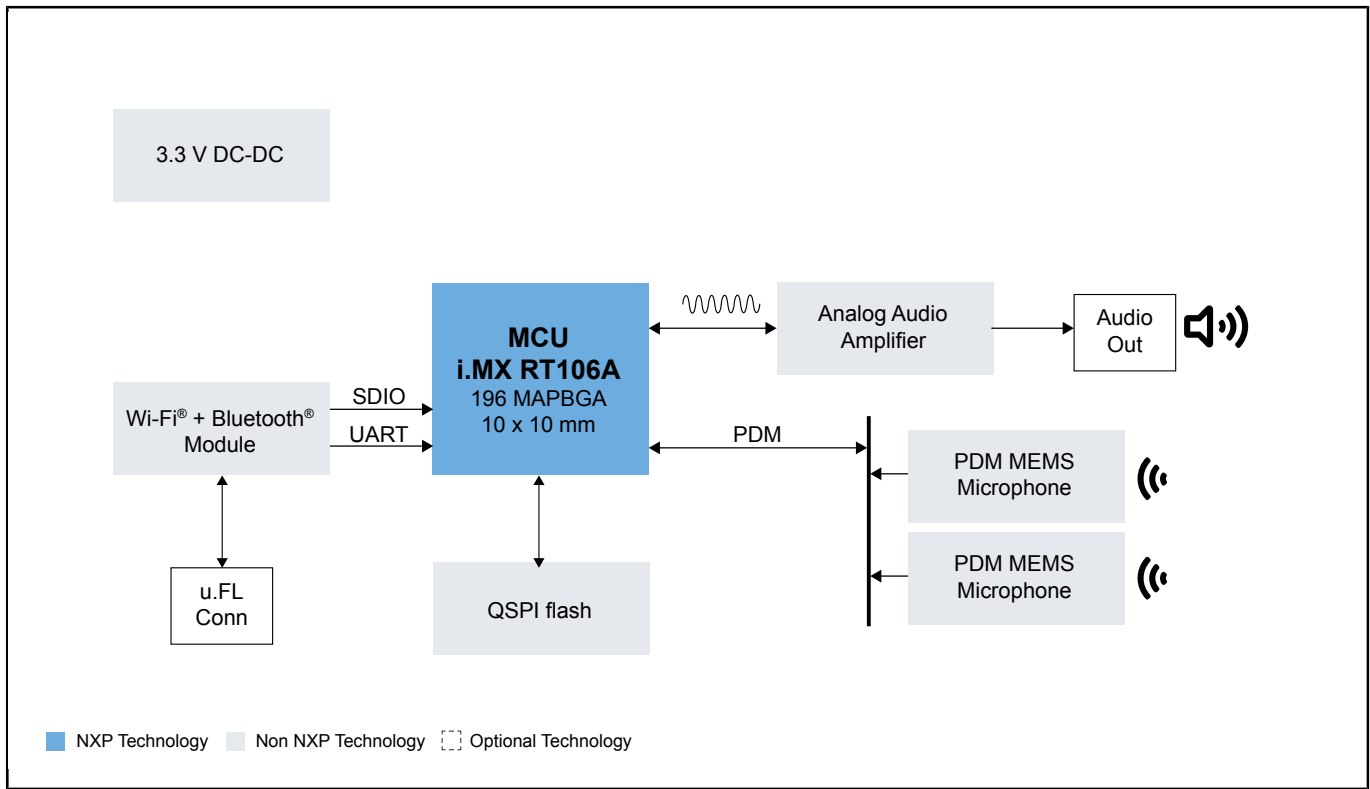## MCU-VOICE-CONTROL-AVS

Not Recommended for New Designs
This page contains information on a product that is not recommended for new designs.
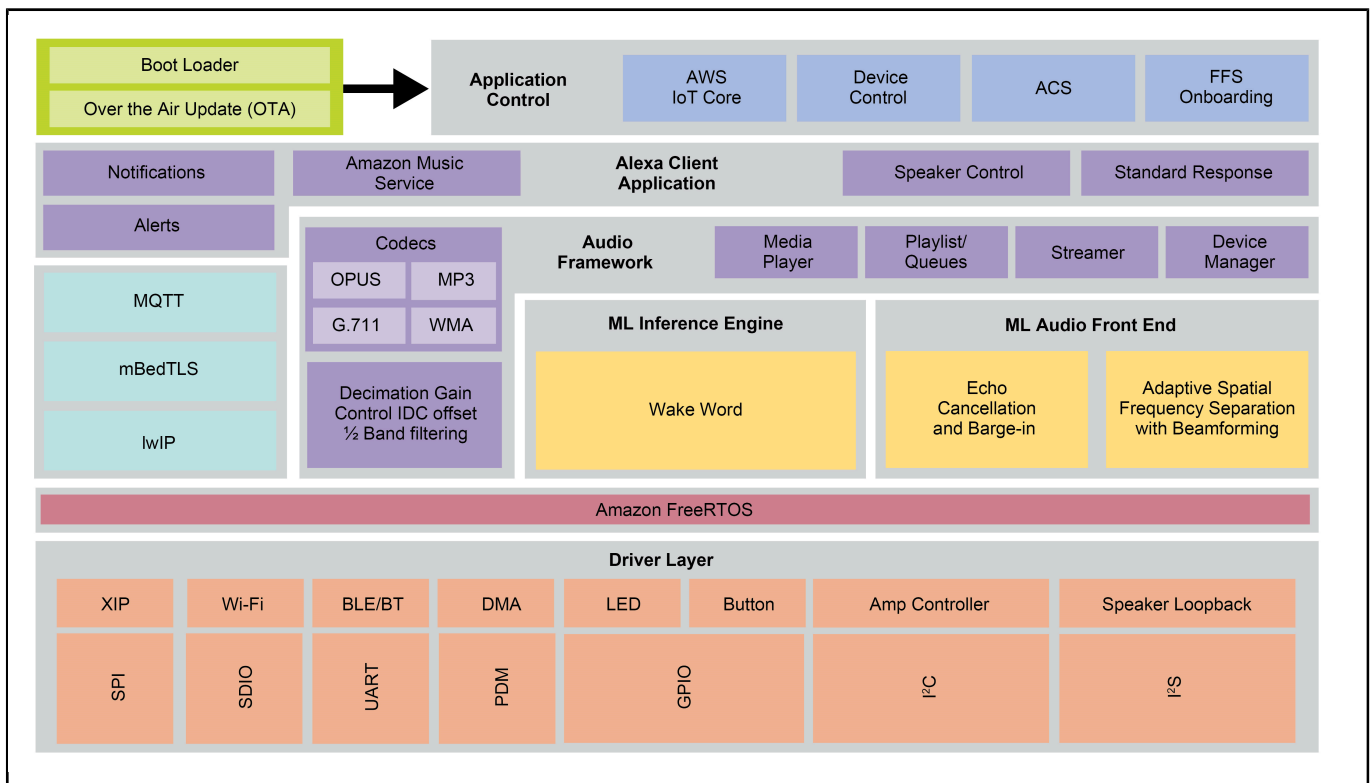
Last Updated: Dec 23, 2025

NXP EdgeReady MCU-based solution for Amazon's Alexa Voice Service (AVS) integration for AWS IoT Core (aka Alexa for IoT, or AFI), leverages the i.MX RT crossover MCU, enabling developers to quickly and easily add Alexa voice assistant capabilities to their products. Part of the EdgeVerse edge computing platform, This i.MX RT106A based turnkey solution consists of a hardware reference design integrated with Amazon qualified software, built on Amazon Common Software (ACS) and FreeRTOS for easy integration with AVS and AWS IoT. Out-of-the-box the solution development kit, SLN-ALEXA-IOT, delivers an experience similar to an Amazon Echo™ speaker, and is easily connected to the user's Wi-Fi network and Alexa account using Amazon's Frustration Free Setup (FFS).

Retune DSP is now part of NXP. Find out more.

i.MX RT Hardware Block Diagram

i.MX RT Software Block Diagram

View additional information for EdgeReady MCU Based Solution for Alexa for IOT.

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

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