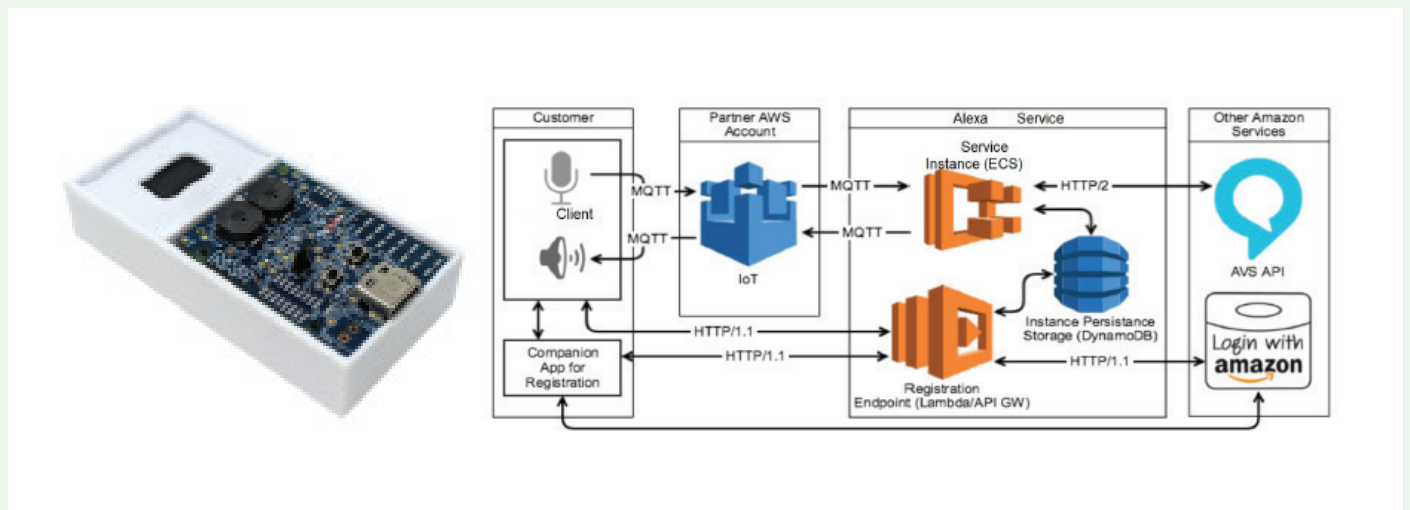


Alexa Voice Service (AVS) I.MX RT Solution



Overview

NXP's MCU-based solution for Amazon's Alexa Voice Service (AVS) leverages the i.MX RT crossover processor, hence enabling developers to add Alexa voice assistant capabilities to their products quickly and easily. This ultra-small form-factor, turnkey hardware design comes completely integrated with Amazon qualified software for an out-of-the-box AVS experience.

Features

- MCU solution for Alexa Voice Service (AVS) enables developers to use a familiar CPU & SW to add Alexa
- BOM cost optimization by peripheral components reduction (SDRAM, eMMC, PMIC, etc) and smaller PCB, etc.
- Complete, turnkey, AVS MCU solution minimizes engineering investment and time to market
- Integrated security & onboarding with seamless connectivity

Systems

- i.MX RT1060

Target Applications

- Smart home
- Home automation
- Smart appliances