



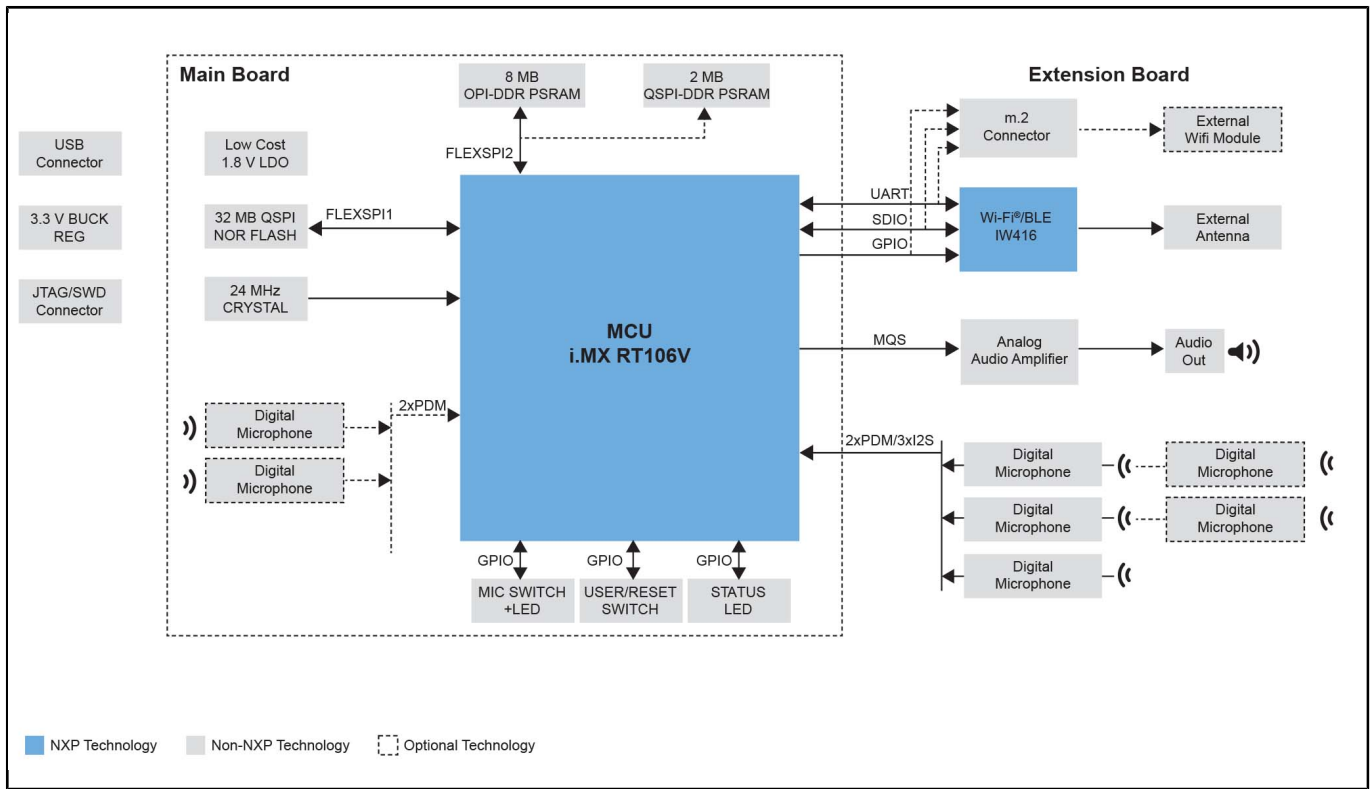
# EdgeReady i.MX RT106V–Based Smart Voice User Interface Solution

## SLN-SVUI-IOT

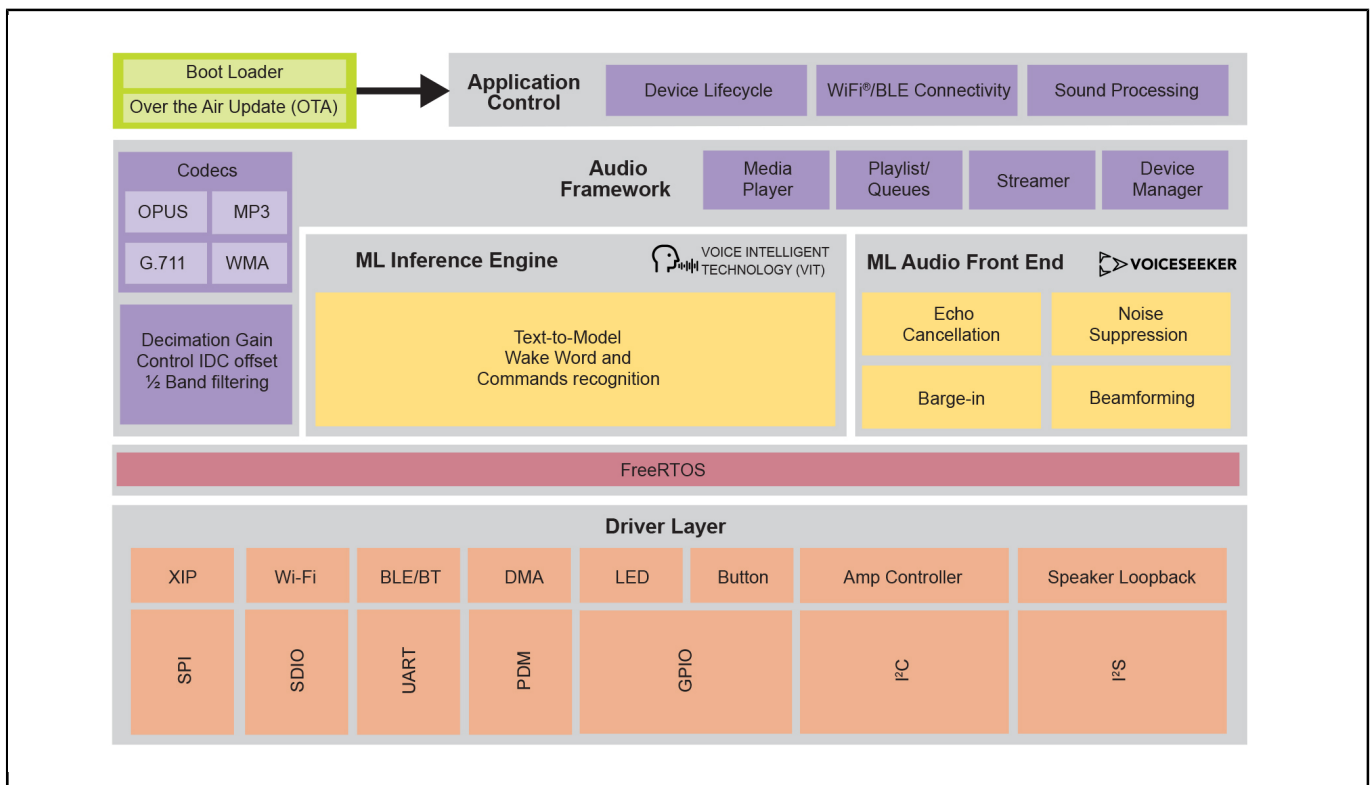
Last Updated: Oct 30, 2023

This EdgeReady solution for both local and online voice control leverages the i.MX RT106V crossover MCU with integrated [voice intelligent technology](#) (VIT) offering a voice user interface for touchless applications. This ultra-small form-factor and production ready hardware design comes with fully integrated software running on FreeRTOS for a quick out-of-the-box evaluation. This turnkey solution minimizes time to market, risk and development effort enabling OEMs to easily add voice to their smart home and smart appliance products. This NXP EdgeReady solution is part of the EdgeVerse™ [edge computing](#) platform.

# SVUI Hardware Block Diagram



# SVUI Software Block Diagram



View additional information for [EdgeReady i.MX RT106V-Based Smart Voice User Interface Solution](#).

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

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