



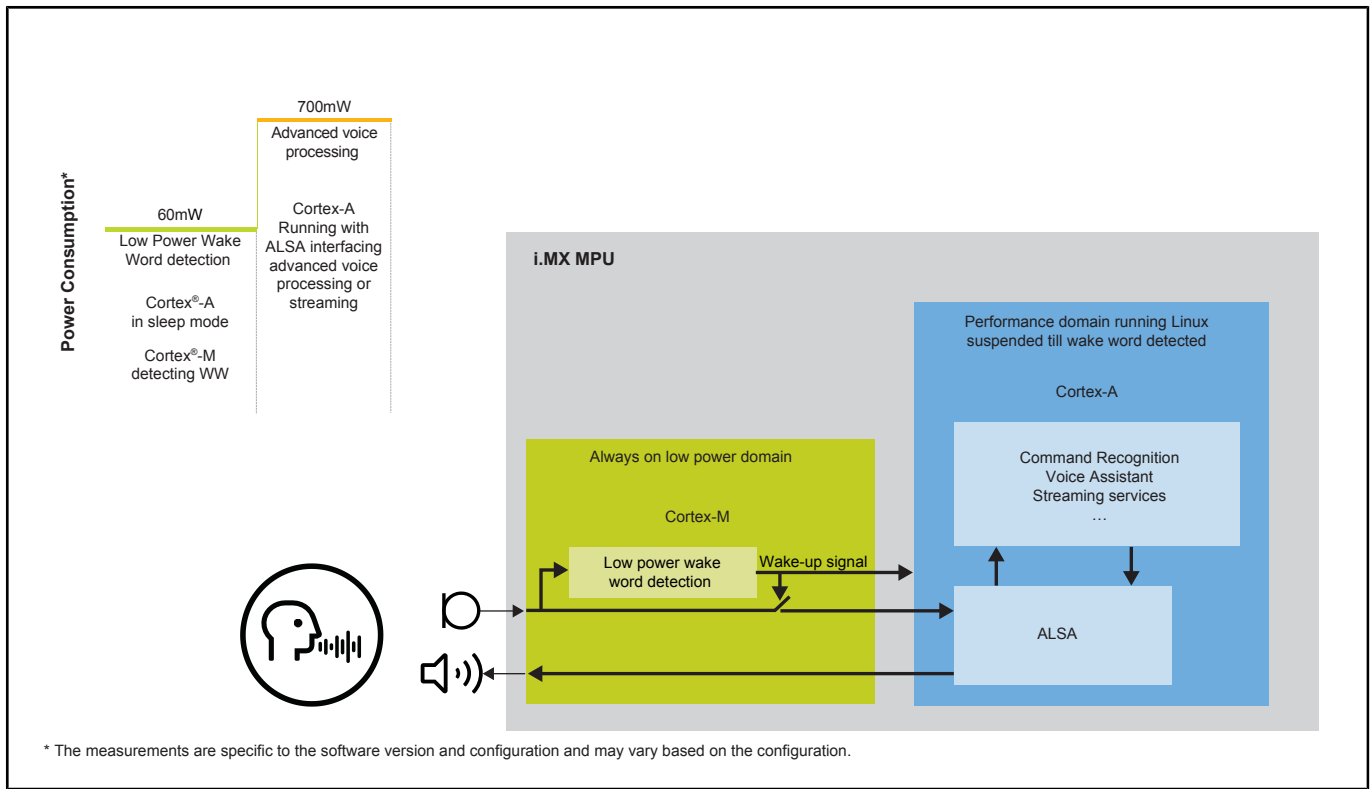
Application Software Pack: Low Power Voice UI Enablement on i.MX MPUs

APPSWPACK-LPV-MPU

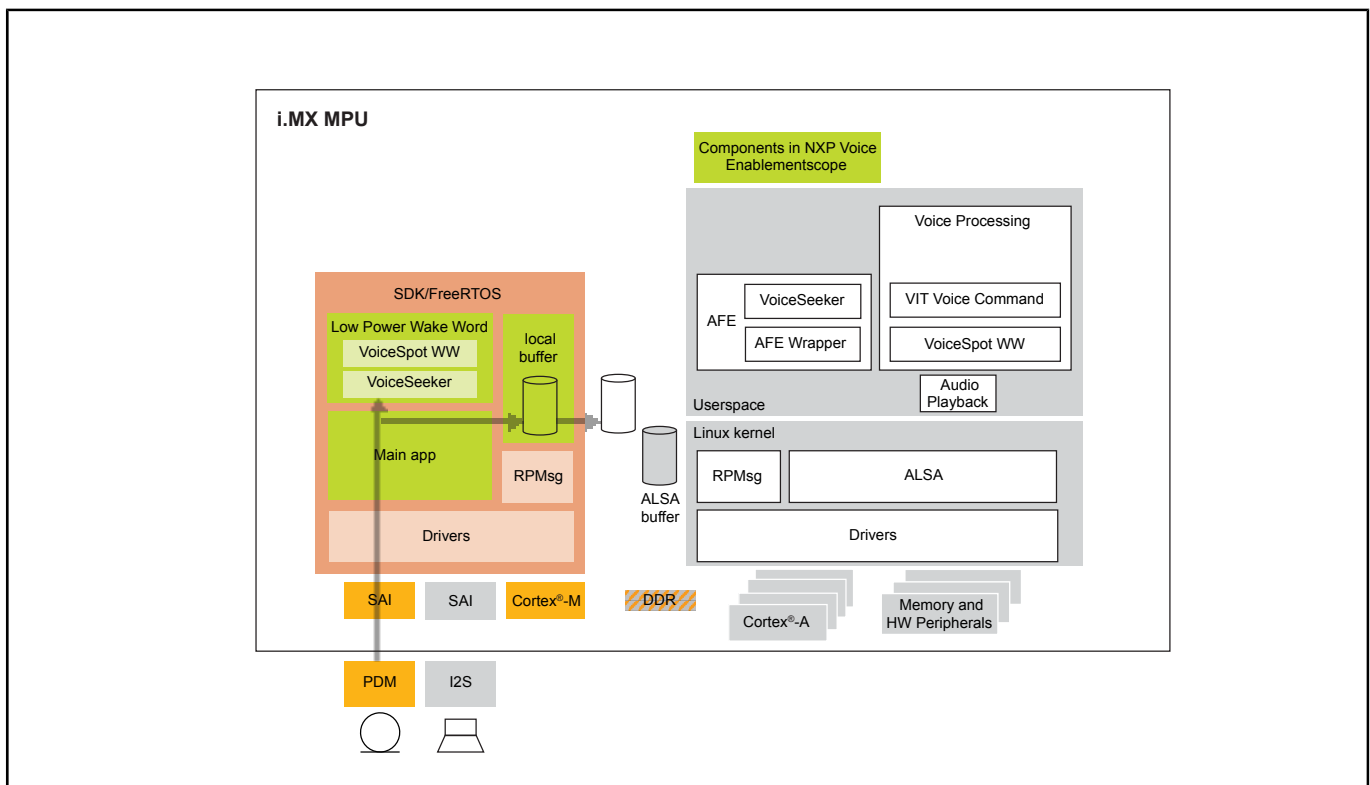
Last Updated: Aug 24, 2023

This pack deploys a Low Power Voice UI Enablement solution for i.MX 8M Mini and i.MX 8M Plus MPUs. It reduces power consumption with a Wake Word Engine designed to utilize the low power Cortex-M core. Upon wake word identification, the Cortex-M core wakes up the Cortex-A domain for better acoustic performance and advanced voice processing, reducing the power usage of traditional voice enablement solutions.

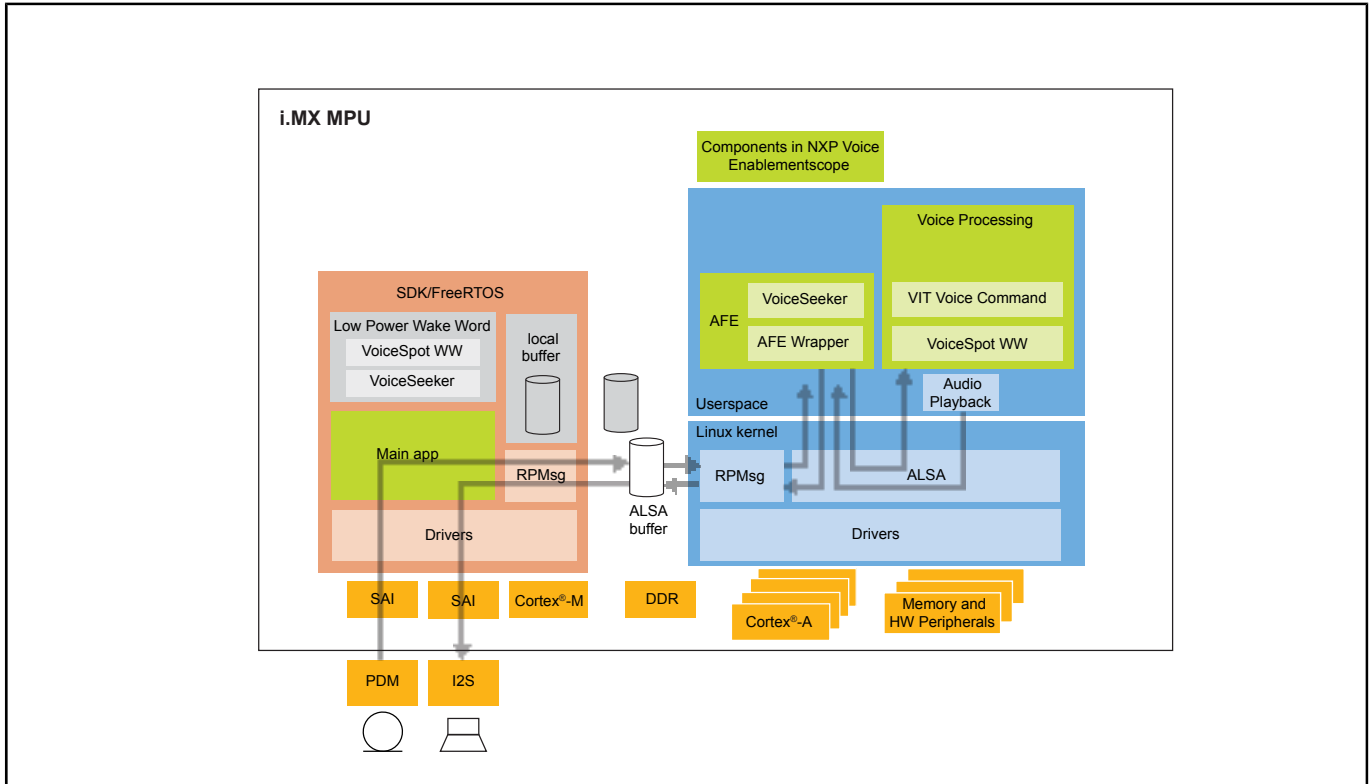
Simplified Diagram Block Diagram



Low Power Wake Word Wait State Block Diagram



Full Voice Processing Mode Block Diagram



View additional information for [Application Software Pack: Low Power Voice UI Enablement on i.MX MPUs](#).

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