i.MX RT700 Evaluation Kit

MIMXRT700-EVK

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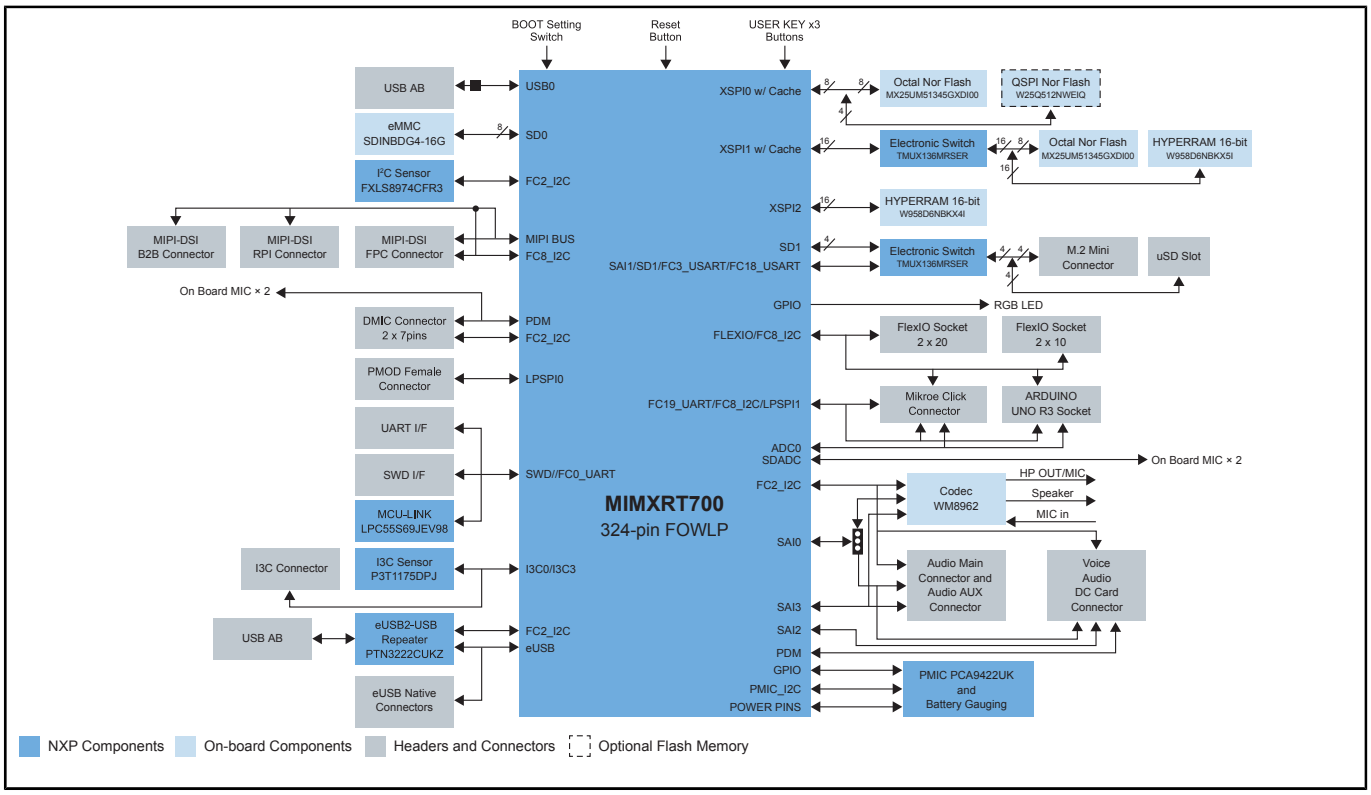
The MIMXRT700-EVK evaluation board provides a powerful, extendable platform for evaluation and prototyping with the i.MX RT700 series crossover microcontroller units (MCUs) featuring dual Arm® Cortex®-M33 cores, Cadence digital signal processor (DSP) and graphic processing unit cores using the MCUXpresso suite of software and tools. Arduino UNO, M.2, PMod(R), microphone and display connectors enable flexible expansion options, with off-the-shelf LCD panels for wearables and other applications requiring high high-performance human-machine interface (HMI). The boards feature a high-speed USB debug probe base with easy firmware update options to support Cortex microcontroller software interface-standard digital signal Processing (CMSIS-DSP) or a special version of J-link LITE from SEGGER.

i.MX RT700 Evaluation Kit Block Diagram



View additional information for i.MX RT700 Evaluation Kit.

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