



# Essential Audio Processing Library

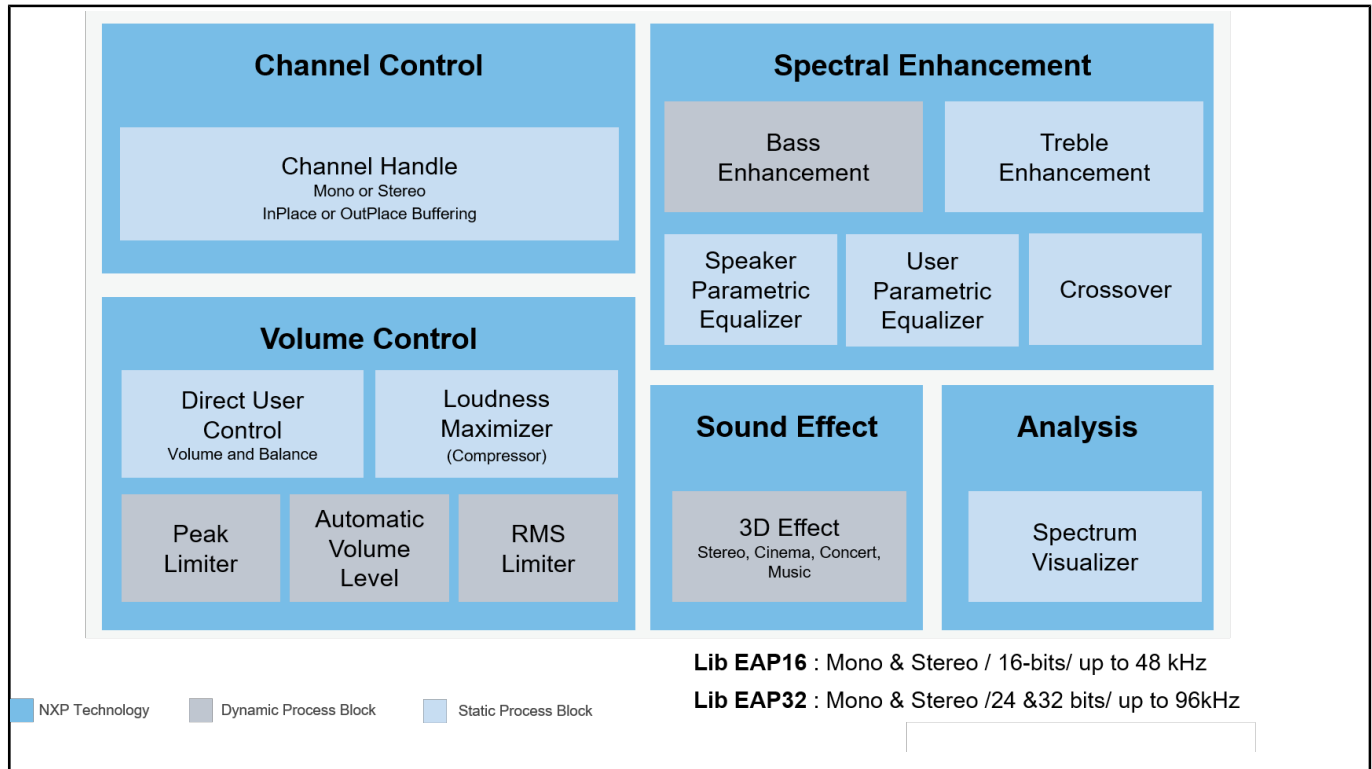
## ESSENTIAL-AUDIO-PROCESS-LIBRARY

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NXP's Essential Audio Processing (EAP) library is a bundle of audio processing blocks for enhancing the tonal and spatial perception of sound in audio applications. It includes a range of sound processing algorithms that can be tuned to your application to create a high quality listening experience. The EAP library is complimentary to use with supported NXP devices, and is available in the [MCUXpresso SDK](#) in the form of precompiled libraries.

EAP is accompanied by a tuning tool that enables the simulation of the library behavior on a Windows® PC platform. The tuning tools allow you to listen and compare audio effects to find the right tuning parameter settings, and export the parameters to a compliant C header file.

# Essential Audio Processing Library Block Diagram Block Diagram



View additional information for [Essential Audio Processing Library](#).

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

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