Essential Audio Processing Library

ESSENTIAL-AUDIO-PROCESS-LIBRARY

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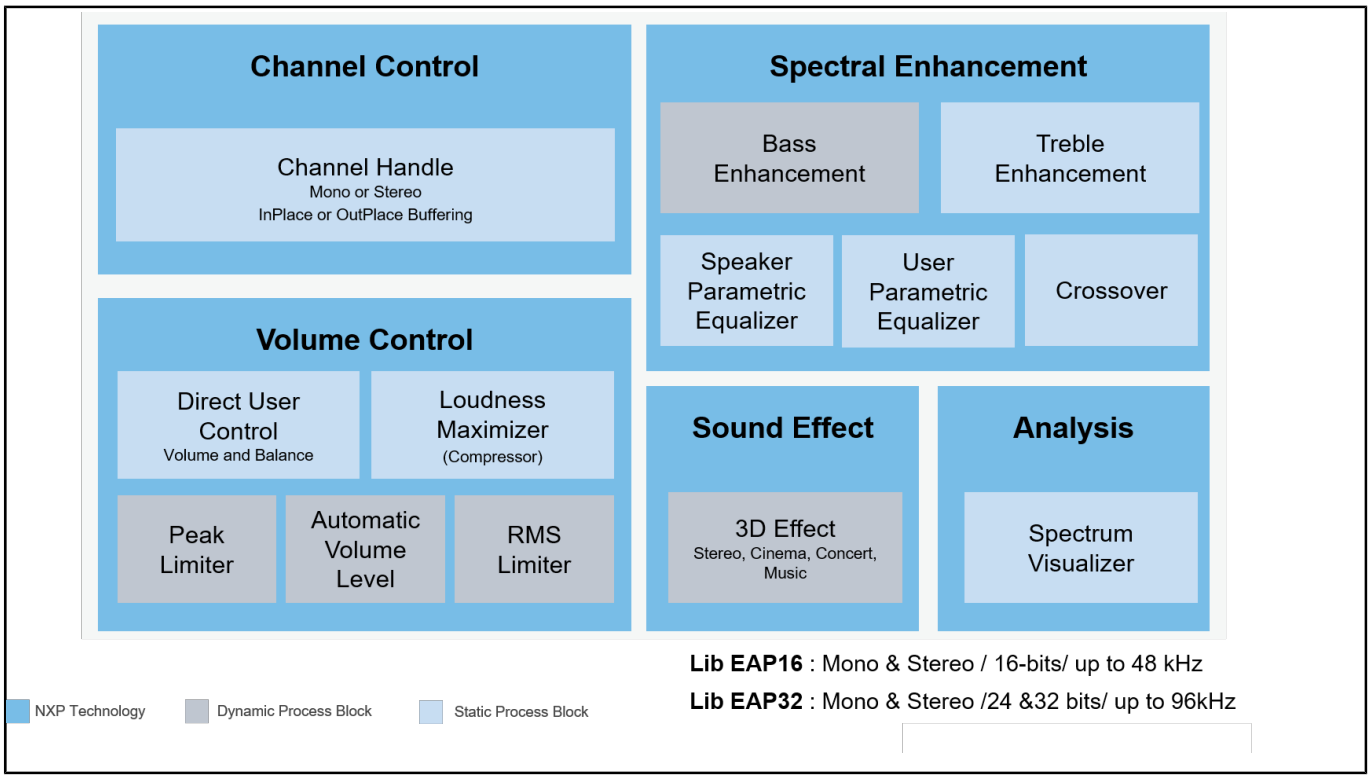
NXP’s Essential Audio Processing (EAP) library is a bundle of audio processing blocks for enhancing the tonal and spatial perception of sound in audio applications. It includes a range of sound processing algorithms that can be tuned to your application to create a high quality listening experience. 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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