Immersive Audio

StreamUnlimited
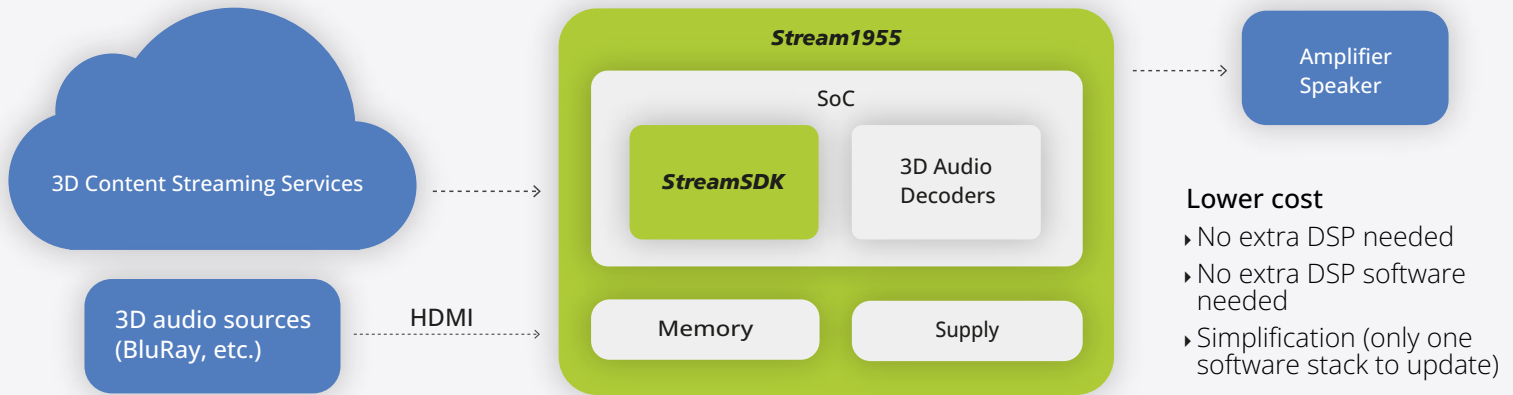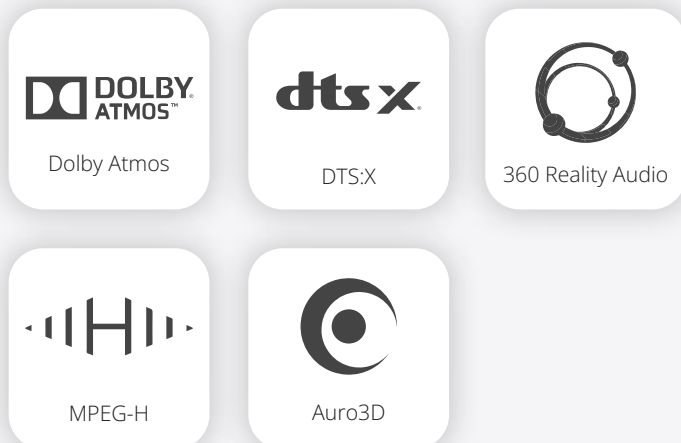Connectivity for Things

Playback of 3D Audio (Dolby Atmos, DTS:X, 360 Reality Audio, MPEG-H, Auro3D decoding in SoC – no DSP required) is integrated in the Stream1955 and StreamSDK Connectivity Platform

Stream1955

SoC

StreamSDK — 3D Audio Decoders

Memory — Supply

3D Content Streaming Services

3D audio sources (BluRay, etc.)

HDMI

Amplifier Speaker

Lower cost
- No extra DSP needed
- No extra DSP software needed
- Simplification (only one software stack to update)

Immersive sound brings 3D Audio to the consumer home setup, meeting the growing demand for immersive speakers and connected soundbars with film, voice assistant and online music streaming compatibility.

StreamUnlimited combines Online Connectivity and 3D Audio in one single platform!

Dolby Atmos

DTS:X

360 Reality Audio

MPEG-H

Auro3D

Advantages

- Stream1955 hardware module and StreamSDK software, with de-coding of object based audio in SoC, enabling 3D Audio capability without an extra DSP

- Multidimensional StreamSDK enables the design of immersive audio products in combination with voice assistants and music services, including connected Soundbars, AVR's speakers and premium sector applications.

- StreamSDK is hardware agnostic software

- Customisable software including online music services and multiroom streaming.

- A proven engineering team with a portfolio of premium voice assistant and connected audio products released into the market.

StreamUnlimited, founded in 2005, is a supplier of software solutions and hardware modules for connected audio and IoT products, with over 120 employees at office locations in Vienna, Bratislava, Iasi, Shenzhen, Japan and Santa Clara, CA. As the de facto global system integrator offering its own IP and engineering services, StreamUnlimited development partnerships include all major semiconductor companies and technology providers in the consumer electronics and IoT channel. StreamUnlimited works with a global cross-section of high-end audio, CEDIA-channel, premium and mainstream consumer electronics and smart home manufacturers.

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