www.StreamUnlimited.com
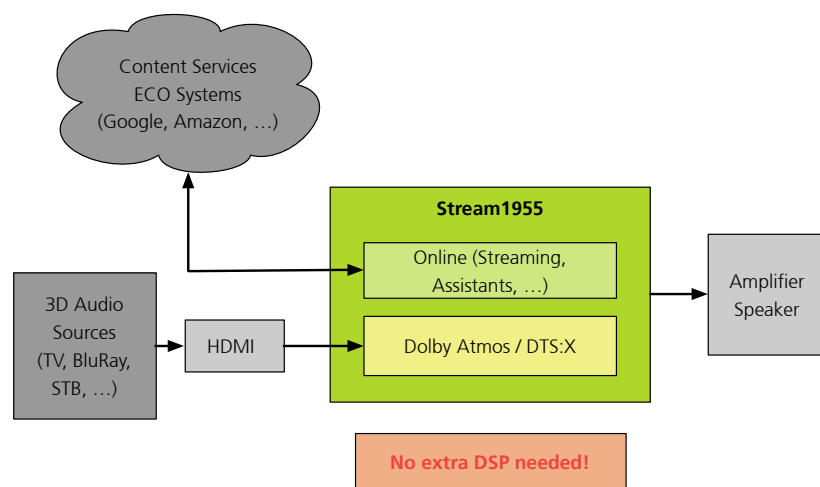
Stream1955

Online connectivity and Dolby Atmos / DTS:X decoding

Next-generation System-On-Module enables a breakthrough for connected Smart Soundbars with Dolby Atmos / DTS:X.

Potential Applications:

- Smart Dolby ATMOS / DTS:X Soundbars
- Connected Audio products with or without Voice Assistant
- High-end Audio products
- Enhance any product by adding connectivity and Voice Assistance

Key Components:

- Quad Core ARM A53 1.6 Ghz
  NXP iMX8M mini/nano
  Latest SoC platforms with ample processing power and a multitude of signal interfaces (multi-channel I2S I/O, MIPI, etc.)
- WiFi 802.11ac 2x2 MIMO RSDB / BT 5.0
  State-of-the-art wireless link robustness
- RAM 4 Gbit (8 Gbit optional) / Flash 4 Gbit
  Plenty of storage space even for demanding applications

Key Points

- Dolby Atmos / DTS:X decoding in SoC - no DSPs required
- Runs the well proven StreamSDK software which provides a.o.
  - Google Chromecast built-in
  - Online Streaming Services (Spotify, Tidal, Amazon Music, …)
- Module and StreamSDK take care of the most complex parts of a connected device and therefore de-risk the product creation process
- Compact size (34 x 47mm)
- Low power

StreamUnlimited, founded in 2005, originated as a team of 25 engineers and in 13 years has built its own IP while more than quadrupling its size. StreamUnlimited is now a supplier of software solutions and modules for connected audio and IOT products, with office locations in Vienna, Bratislava, Shenzhen and Santa Clara, CA. Partnering with all major semiconductor companies and technology providers in the consumer electronics channel, StreamUnlimited works with a global cross-section of high-end audio, CEDIA-channel, premium and mainstream consumer electronics manufacturers.