

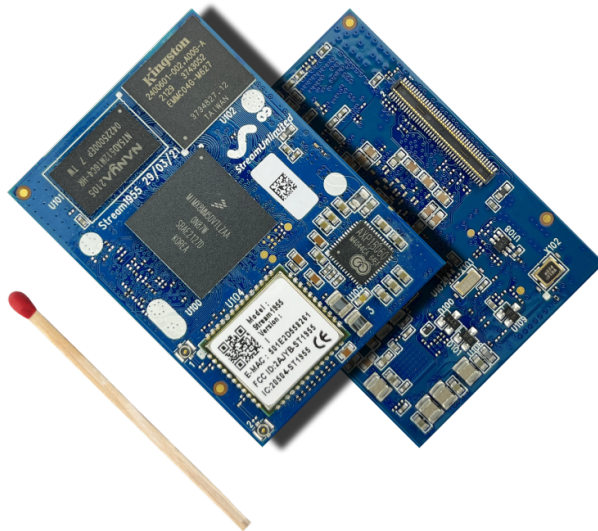
Stream1955

Online connectivity, 3D Audio (Dolby Atmos....) and voice assistant capability in one single module

Next-generation System-On-Module enables a breakthrough for connected Smart Soundbars with Dolby Atmos / Sony 360 / DTS:X

Key Points

- 3D Audio decoding in SoC - no DSPs required
- All major Voice Assistants can be realized without extra DSP
- Optimised to run proven and feature-rich StreamSDK Software
- 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



Potential Applications:

- Smart Dolby ATMOS / DTS:X Soundbars
- Connected Audio products with or without Voice Assistant, High quality display, 3D Audio....
- 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 802.11ax (WiFi 6) 2x2 MIMO / BT 5.0
- State-of-the-art wireless link robustness
- eMMC and DDR4 Memory
- RAM 8Gb / Flash 16 Gb (pSLC). Plenty of storage space even for demanding applications

Schedule

- In Mass Production

StreamUnlimited founded in 2005, originated as a team of 25 engineers and in 17 years has built its own IP while more than quadrupling its size. StreamUnlimited is now a supplier of software solutions and hardware modules for connected audio and IOT products, with office locations in Vienna, Bratislava, Iasi, 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.

