

# Stream1955

## Voice Assistant Soundbar Module

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

### Key Points

- Dolby Atmos decoding in SoC - no DSPs required
- All major Voice Assistants can be realized without extra DSP
- Designed to run the well proven and most 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 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

### Schedule

- Mass Production Q3 2019

**StreamUnlimited** is an integrated embedded engineering house focusing on innovative and quality products. We have high level competences in Connectivity and User Interface Technology, powered by a strong background in Audio and Video. Alongside providing development and integration services to a diverse customer base, StreamUnlimited also offers a range of fully featured products.

