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.

StreamUnlimited Engineering GmbH
Gutheil-Schoder-Gasse 10, 1100 Vienna, Austria
Phone: +43 1 667 2002 4014
E-mail: sales@streamunlimited.com