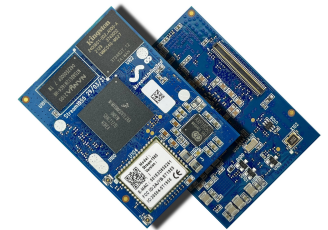
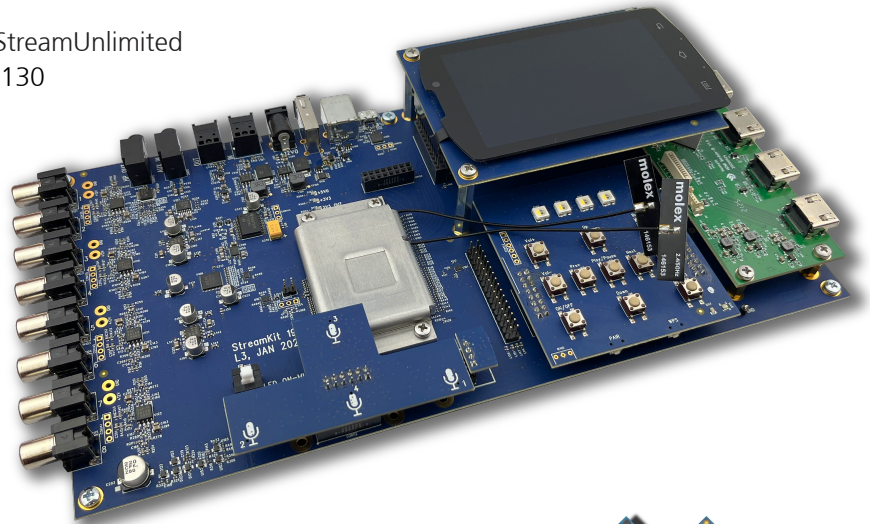


StreamKit1955

State-of-the-art reference kit capable of multichannel audio and premium connected product applications

Key Reference Kit Components

- Stream1955 hardware module, developed by StreamUnlimited
- Infineon XENSIV™ MEMS microphone IM69D130
- 5.1.2 audio outputs
- Ethernet Sub Board
- HDMI eARC
- LED / Button / Host Sub Board
- Microphone Sub Board for voice applications
- OPT input & output / AUX input
- Headphone output
- MIPI-DSI display connection (display optional)
- CSI connection
- 1 x USB A Port
- Control Buttons inc. Mic Mute Switch
- 4 x LEDs for Attention State Recognition
- UART debug interface



Stream1955 module
(Size: 34 x 47mm)

Potential Applications:

- Multichannel soundbars with Dolby Atmos / Sony360 support
- Streaming audio receivers
- Wireless Streaming speakers
- Wireless speakers with Voice Assistants
- Home automation products
- Wi-Fi IoT devices

Stream1955 Module Features

- 4xARM Cortex-A53 1.8GHz SoC
- Wi-Fi 802.11ax 2x2 (WiFi 6)
- 32Gb eMMC (configured to 16Gb pSLC)
- 8Gb DDR4
- Interface: 2 x 80 pin Connector
- Compatible with MEMS Microphones (PDM)
- 3D Audio decoding without extra DSP and a large number of audio channel interfaces
- Up to 2 USB OTG ports
- Control via I2C, SPI, UART

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, 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.

