



Stream1955 Module Features

- ▶ 4x ARM Cortex-A53, 1.8GHz SoC
- ▶ Wi-Fi 6 (802.11ac, 2x2 MIMO)
- ▶ 32GB eMMC (configured as 16Gb pSLC)
- ▶ 8GB DDR4 memory
- ▶ 2 x 80-pin connector interface
- ▶ Compatible with MEMS microphones (PDM)
- ▶ 3D audio decoding without external DSP and support for a large number of audio channels
- ▶ Up to 2 USB OTG ports
- ▶ Control via I²C, SPI, UART

Potential Applications

- ▶ Multichannel soundbars with immersive audio support (Dolby Atmos, Reality Audio 360, Auro 3D)
- ▶ Streaming audio receivers
- ▶ Wireless streaming speakers
- ▶ Wireless speakers with voice assistant
- ▶ Home automation products
- ▶ Wi-Fi IoT devices

StreamUnlimited, founded in 2005, is a supplier of software solutions and hardware modules for connected audio and IoT products, with over 120 employees at office locations in Vienna, Bratislava, Shenzhen, Osaka and San Francisco. As the de facto global system integrator offering its own IP and engineering services, StreamUnlimited development partnerships include all major semiconductor companies and technology providers in the consumer electronics and IoT channel. StreamUnlimited works with a global cross-section of high-end audio, CEDIA-channel, premium and mainstream consumer electronics and smart home manufacturers.



StreamUnlimited Engineering GmbH
Gutheil-Schoder-Gasse 10, 1100 Vienna, Austria
E-mail: sales@streamunlimited.com
Website: www.StreamUnlimited.com

Copyright StreamUnlimited. All rights reserved. Reproduction in whole or in part is prohibited without the prior consent of the copyright owner. The information presented in this document does not form part of any quotation or contract, and is believed to be accurate but may be changed without notice. No liability will be accepted by the publisher for any consequence of its use. All trademarks included herein are the property of their respective owners.