

Stream810

iMX7 Dual Audio Streaming Module

Key Points

- Versatility, flexibility and rich specification is the ideal base for your next generation connected product.
- Enables the addition of UPnP/DLNA, USB, Internet Music and Radio services, Chromecast built-in and AirPlay to any product.
- Control via local keys, remote control, smartphone apps, voice, host controller or by using the included web based UI.
- Voice pre-certification for Amazon Voice Services.
- Distribute audio content to several rooms - fully synchronized - using a standard network connection.
- Powerful dual core iMX7 Dual Audio CPU provides enough headroom for future applications.



Features

- Ethernet, dual band Wi-Fi 2x2 802.11a/b/g/n/ac
- Bluetooth 4.2 / BLE
- UPnP-DLNA/AirPlay/USB/BT local content access
- Multiple online music services and Chromecast built-in
- Advanced clock sync for multi-room & multichannel
- Playback of all common audio formats
- Support of HD formats (up to 384kHz/24Bit)
- DSD support (DOP, DSF)
- Multichannel audio input and output, TDM support
- Local UI with skinning support
- Control via local user interface, Smart Phone App, web user interface and voice input
- Small form factor
- Advanced security features

Possible Product Variations:

- Audio streaming clients controlled via a local UI, Smart Phone Apps, web based UI and voice input
- Audio/Video receivers
- Active speakers with streaming audio/video
- Building/Home automation control panels or clients
- Distributed or central server based multi-room systems with multiple audio sources and sinks
- Voice Assistant Products
- Wi-Fi IoT devices

General Benefits

- Reduced development costs and time-to-market
- Software is simple to customize
- Module is in production & reference carrier board is available (StreamKit Prime)
- Different configuration options available
- Design-in support and customization services available
- Long term availability and maintenance provided by StreamUnlimited
- Smart Phone/Tablet control apps available
- Long term availability of the module due to strong key component life cycle management.

