

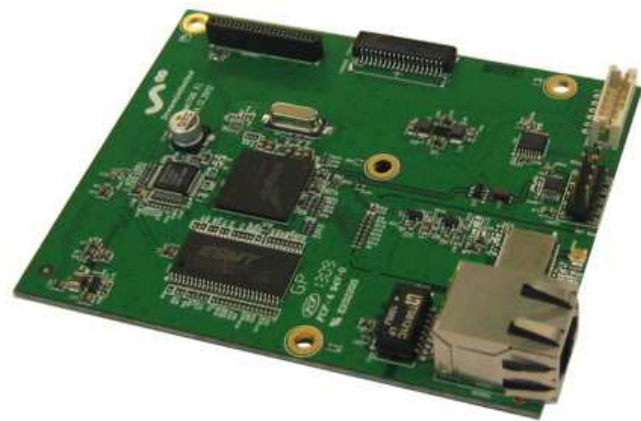
Stream700

High End Audio Streaming Client



Description

The Stream700 module is a versatile audio streaming client featuring UPnP/DLNA and Internet Radio access. HD audio, digital audio for iPod, and its appealing and responsive graphical user interface - available via TFT and iOS/Android Apps - make the Stream700 ideal for the high end audio market. Stream700 is based on BridgeCo's latest DM860A chip.



Features

- UPnP/DLNA for local content
- Internet Radio
- High End audio streaming codecs (up to 192kHz/24 bit)
- Gapless playback
- Fast forward/rewind with sound
- Picture Viewer
- Customizable graphical user interface
- 3,5" QVGA Color TFT (320x240 pixels)
- Remote control via Smart Phone/Tablet App

Audio Codecs

24 bit / 96 kHz (Wi-Fi) / 192 kHz (Ethernet):

- FLAC
- LPCM

Standard:

- MP3*
- AAC*, HE-AAC*
- WMA
- Ogg Vorbis
- AIFF
- ALAC

Application possibilities

- Stand alone streaming client
- iPod docking station
- Internet radio
- Integrated streaming client in DAC box
- Product controlled by Smart Phone App



Online Services

- vTuner
- Other services on request

Interfaces/Connectivity

- Ethernet 10/100 Mbit/s
- Wireless IEEE 802.11 b/g/n
- iPod digital audio via USB
- USB 2.0
- Digital audio interfaces (I²S, SPDIF)
- Flat-foil connector to QVGA TFT
- Control interface to front board (I²C)
- Smart Phone/Tablet Control

*) Codecs require royalties

Stream700 (cont.)

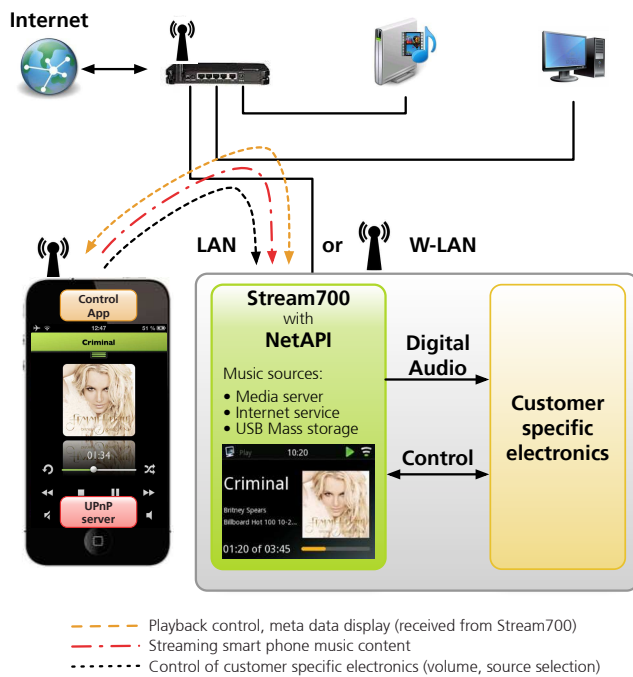
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Smart Phone Control

Smart Phone Apps for iOS, Android, etc. are available to control a Stream700 based product.

- Content browsing and selection
- Playback control
- Metadata display (album art, etc.)
- Control of other product specific options (sources, volume, etc.) on request

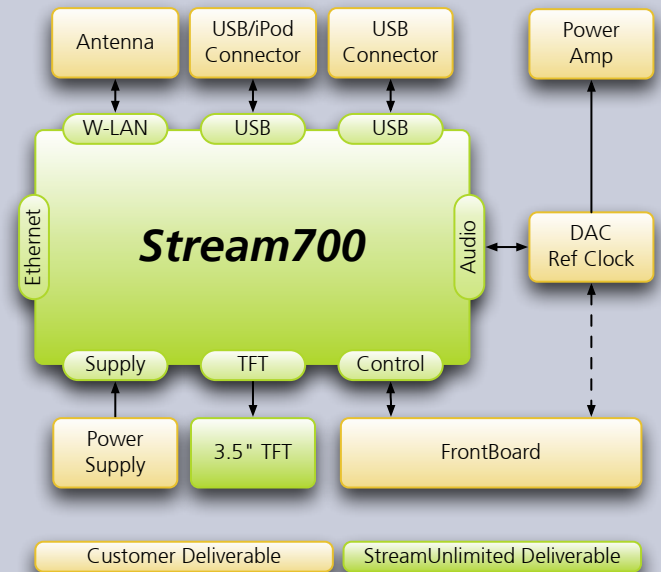


General benefits

- Reduced development costs and time-to-market
- Flexible product and UI structure, enables product differentiation on the market
- Module is in production (leadtimes on request)
- Design-in support and customization services available
- Long availability of the module due to strong key component life cycle management.

Application example

"Stand alone streaming client" including local TFT and iPod docking:



About StreamUnlimited

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. We provide development and integration services to our customers. StreamUnlimited also offers a range of fully featured digital modules.

Further information

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