

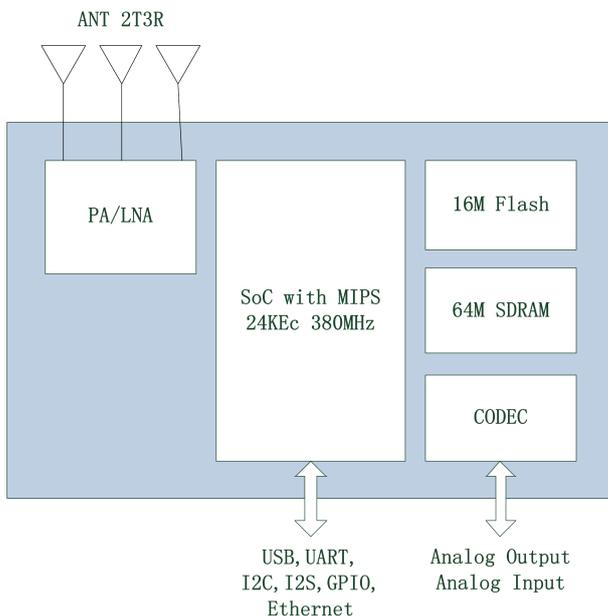
HIMU

Wireless Audio System

OVERVIEW

HIMU, a revolutionary wireless audio solution, based on UPnP/DLNA protocol, is ideal for wireless Internet Radio, Music Player and Multi-Area Synchronized Audio System. A single HIMU can be used as a UPnP/DLNA renderer, playing local and remote music/internet radio via Ethernet and WIFI. With our advanced synchronizing algorithm, multiple HIMU's are connected wirelessly to form a Multi-Area Synchronized Audio System, which allow you to play music on multiple speakers synchronously or separately.

HIMU Architecture



FEATURES

- Audio Format: MP3/AAC/AAC+/WAV/FLAC/APE/WMA
- Stream Format: HTTP/MMS
- UPnP/DLNA compatible
- Advanced Synchronizing Algorithm
- DAC SNR 98dB('A' weighted), THD -84dB at 48kHz
- ADC SNR 95dB('A' weighted), THD -82dB at 48kHz
- Internal Digital Equalizer
- Remote Software on PC/Mac/Linux/Android/iOS
- 300Mbps PHY data rate, 2T3R MIMO
- TX power: 14dBm
- RX sensitivity: -76dBm @ 54Mbps
- MIPS 24KEc 384MHz with 32KB I cache/16KB D cache
- Security: WEP/TKIP/AES/WPS/WPA/WPA2
- Operating systems: Linux
- Up to 16M NOR Flash and 64M SDRAM

INTERFACES

- 10/100 Ethernet
- Stereo Analog Output
- Stereo Analog Input
- USB 2.0 host/OGT
- UART, SPI, I2C, I2S, GPIO
- 5V/1A power input

APPLICATIONS

- Internet Radio
- Network Music Player
- UPnP/DLNA Renderer
- Multi-Area Synchronized Audio System

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Electronics System

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