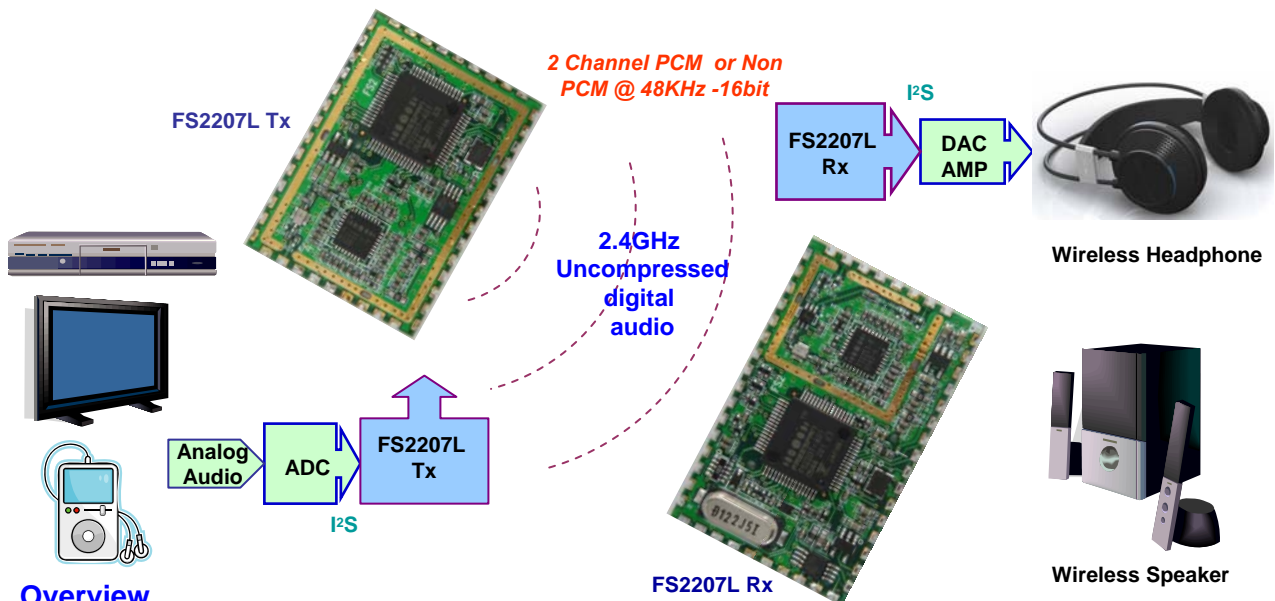


FR2207L Wireless Digital Audio Transmitter/Receiver Module



Overview

FS2207L is a pair of compact modules designed to transmit and receive pure, clear CD quality stereo digital audio in a RF Wireless Audio System. Powered by **Freespan™** RF core technology, FS2207L is able to provide:

- an advanced and robust, **Uncompromised** and **Uncompressed** 16-bit 48KHz digital audio link.
 - **Coexistence** with various 2.4GHz RF devices such as WLAN, Bluetooth, cordless phone, cordless mouse, game controllers and etc.
 - low power, high performance and compact solution.
- which made it ideal for wireless headphone and speaker applications.

Features

- Integrated baseband transmitter and receiver with
 - I2S digital interface
 - Advanced ECC with low latency
 - Advanced anti-interference engine & muting management
 - Low power and advanced power management
 - Receiver auto channels scanning support
 - Patented antenna diversity
- 3.3V supply
- Supports both PCM and Non-PCM transmission
- Supports broadcast mode
- Lead Free and RoHS compliant

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FreeSystems Advantages

FreeSystems has vast experience in developing RF and Baseband ICs as well as designing full wireless audio systems. With the know how in RF technologies, Digital Signal Processing and audio processing algorithms, FreeSystems has developed a unique set of core competencies in

- RF, Antenna design and EMI Optimization
- System Architecture and Design
- Signal Processing
- Design for Manufacturing

About FreeSystems

FreeSystems Pte Ltd was incorporated in June 1999. The company provides both Infra Red and RF wireless digital audio solutions. FreeSystems has strong IP portfolio of more than 48 patents either filed, issued or pending worldwide. Over the years, FreeSystems has also demonstrated the capability and capacity to support major CE customers and technology partners in rapid product realization.

Wireless • Uncompressed • Pure Digital Audio

Freespan™
pure digital transmission

www.freesystems.com.sg