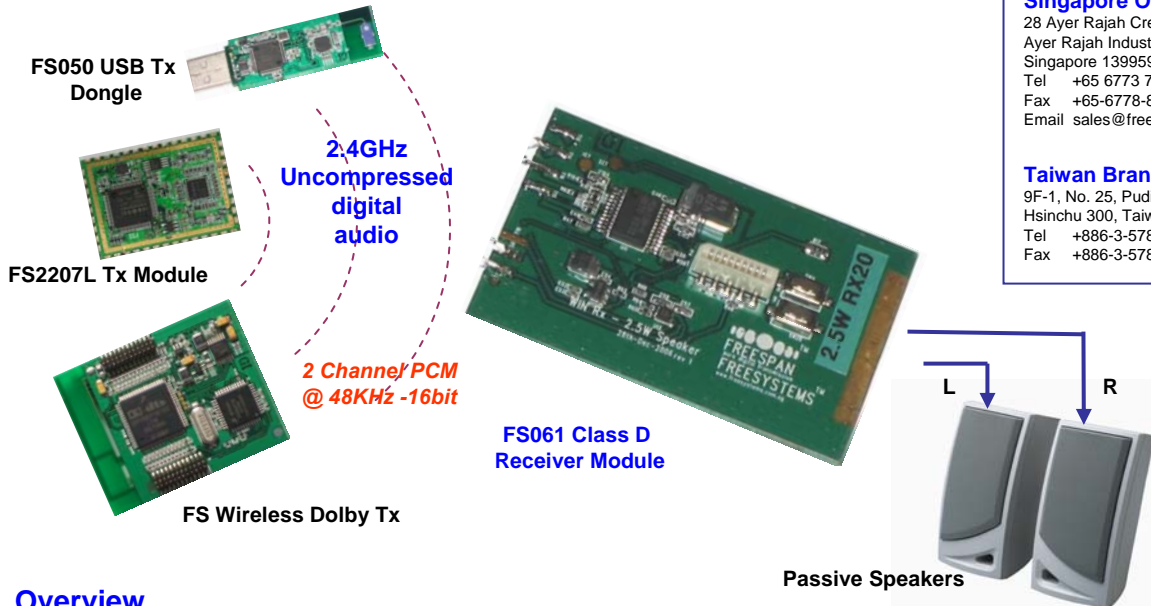


FS061 2.5W Wireless Receiver Module



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Overview

The **FS061** is a digital wireless audio receiver module with built-in 2.5W stereo class D amplifier. Its transparent and high fidelity sound with high-efficient amplifier makes this system an ideal choice for all types of portable and compact wireless speaker systems. FS061 is designed to work with any stereo transmitter unit integrated with FS2207 solution, which provide:

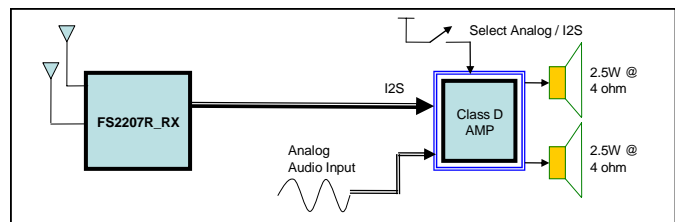
- an advanced and robust, **Uncompromised** and **Uncompressed** 16-bit 48KHz digital audio link.
- **Coexistence** with various 2.4GHz RF devices such as WLAN, Bluetooth, cordless phone, cordless mouse, game controllers and etc.

Features

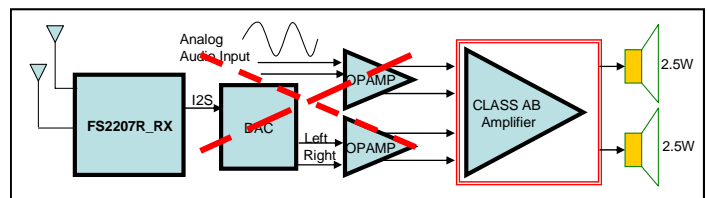
- Wireless receiver integrated 2.5W Class D amplifier
- Audio latency (12ms ~ 40ms)
- Sleep mode / Standby mode
- Up to 30m (indoor)
- POP noise reduction function
- Over-Current Protection function for speaker output terminals
- Long battery life (15hrs @ 2700mAH NiMH)
- Support direct line-in

Benefits

- High performance wireless receiver module
- Advantages over a typical Class AB solution
 - Reduce system size by 40%
 - Improve operating time by 50% (At least 15 hrs with 2700mAH NiMH batteries)
 - Reduce system cost by 5%
 - Lower heat dissipation
 - Ease of integration



FS 061 Wireless - Class D Amp Solution



Typical Wireless Class AB Amp Solution

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