



## Main Features

- ◆ Supports EEEI AJ CP1201, IEC-60958, S/PDIF, and AES3 interface standards
- ◆ 3.3V-5V power supply
- ◆ 4:1 S/PDIF Multi-Input
- ◆ AES/PDIF hardware input selection
- ◆ S/PDIF to TX input
- ◆ 32-192KHz sampling rate
- ◆ Multi bit  $\Delta \Sigma$  modulator
- ◆ 100dB dynamic range
- ◆ -75dB THD+N
- ◆ Low clock jitter sensitivity
- ◆ Linear filtering output

## Functional Overview

The SET8417 is a 192kHz digital audio receiver launched by Naxiang Technology. Designed for high-fidelity audio transmission, it supports mainstream digital audio interface standards such as S/PDIF and AES/EBU.

Its core features include: multi-channel audio processing; an integrated multiplexer that can simultaneously receive up to five channels of digital audio input data, along with support for S/PDIF pass through functionality to enhance system flexibility; and the generation of highly accurate clock signals from input audio streams via an ultra-low jitter clock recovery mechanism (with jitter performance as low as 200ps).

The SET8417 is compliant with standards including IEC-60958, EIAJ CP1201, and AES3, making it suitable for both consumer and professional audio equipment.

## Packaging

SSOP28

## Applications

- ◆ A/V Receiver
- ◆ CD/DVD Player
- ◆ Multimedia Speakers
- ◆ Digital Mixing Console with Effects Processor
- ◆ Set-Top Box
- ◆ Computer
- ◆ Car Audio System