



## Description

The SET5072 is a 24bit, 192kHz sampling 2ch A/D converter for high-end audio system. The modulator in the SET5072 uses the Enhanced Dual Bit architecture and the SET5072 realizes high accuracy and low cost.

The SET5072 performs 115dB dynamic range, so the device is suitable for AV-amp, AV recorder and musical instruments.

The SET5072 is available in 28pin VSOP and SOP package, utilizing less board space.

## Features

- Sampling Rate: 8kHz ~ 216kHz
- Full Differential Inputs
- S/(N+D): 102dB
- DR: 115dB
- S/N: 115dB
- High Performance Linear Phase Digital Anti-Alias filter  
Passband: 0~21.768kHz (@fs=48kHz)  
Ripple: 0.005dB  
Stopband: 100dB
- Digital HPF
- Power Supply: 5V  $\pm$  5%(Analog), 3.0 ~ 5.25V(Digital)
- Power Dissipation: 183mW (@fs=48kHz)
- Package: 28pin VSOP
- SET5072 Semi-Pin compatible