

## Sample Rate Converter 192ksps 24bit Automotive 28-Pin SSOP

<b>Manufacturer:</b>	Analog Devices, Inc
<b>Package/Case:</b>	SSOP28
<b>Product Type:</b>	Discrete Semiconductor Modules
<b>Lifecycle:</b>	Obsolete



Images are for reference only

[Inquiry](#)

### General Description

AD1895AYRS is an analog-to-digital (ADC) and digital-to-analog (DAC) converter manufactured by Analog Devices Inc. It is a high-performance, single-chip solution for converting digital audio signals to analog and analog audio signals to digital.

### Key Features

- 24-bit resolution
- Sampling rates up to 192 kHz
- 8-channel digital input/output with TDM (time-division multiplexing) interface
- High-performance analog input/output with up to 118 dB dynamic range
- Support for a wide range of input and output formats, including I2S, left-justified, right-justified, and TDM
- Programmable digital signal processing (DSP) features for filtering, EQ, and other signal processing functions
- Low-jitter clock generator for precise sample timing
- Low power consumption of 400 mW

### Application

- Professional and consumer audio equipment such as mixers, amplifiers, and digital audio workstations
- Automotive audio systems
- Home theater systems and multimedia devices
- Medical and industrial instrumentation



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