


DAC 2-CH Delta-Sigma 24-bit Automotive 28-Pin SSOP Tube

Manufacturer:	Analog Devices, Inc
Package/Case:	SSOP28
Product Type:	Data Conversion ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	NRND



Images are for reference only

[Inquiry](#)

General Description

The AD1852 is a complete 18/20/24-bit single-chip stereo digital audio playback system. It is comprised of a multibit sigma-delta modulator, digital interpolation filters, and analog output drive circuitry. Other features include an on-chip stereo attenuator and mute, programmed through an SPI-compatible serial control port. The AD1852 is fully compatible with all known DVD formats including 192kHz as well as 96kHz sample frequencies and 24-bits. It also is backwards compatible by supporting 50/15µs digital de-emphasis intended for "redbook" Compact Discs, as well as de-emphasis at 32kHz and 48kHz sample rate.

Key Features

- > Multibit 24-bit sigma-delta modulator with perfect differential linearity restoration for reduced id tones and noise floor
- Data-directed scrambling DAC—least sensitive to jitter
- See datasheet for additional features

Application

- DVDs and CDs
- Home Theater Systems
- Automotive
- Audio Systems
- Sampling Musical Keyboards
- Digital Mixing Consoles
- Digital Audio Effects Processors

Recommended For You

[ADAU1701JSTZ](#)

Analog Devices, Inc

QFP48

[AD1890JP](#)

Analog Devices, Inc

PLCC

[AD1974WBSTZ](#)

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LQFP-48

AD1940YSTZ

Analog Devices, Inc
QFP

AD1895AYRSZ

Analog Devices, Inc
SSOP28

AD2428WCCSZ-RL

Analog Devices, Inc
LFCSP32

AD1866RZ

Analog Devices, Inc
SOP16

ADAU7002ACBZ-R7

Analog Devices, Inc
WLCSP8

AD1955ARSZ

Analog Devices, Inc
SSOP28

ADAU1701JSTZ-RL

Analog Devices, Inc
LQFP48

AD1896AYRSZ

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ADAU1401AWBSTZ

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ADAU1962AWBSTZ

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LQFP-80

ADAU1966WBSTZ

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