

4-Channel Quad ADC Delta-Sigma 192ksps 24-bit Serial Automotive 40-Pin LFCSP EP Tray

Manufacturers	Analog Devices, Inc
Package/Case	LFCSP40
Product Type	Data Conversion ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for ADAU1978WBCPZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

Note that throughout this data sheet, multifunction pins, such as SCL/CCLK, are referred to either by the entire pin name or by a single function of the pin, for example, CCLK, when only that function is relevant.

Features

Four 2V rms Differential Inputs

On-chip phase-locked loop (PLL) for master clock

Low electromagnetic interference (EMI) design

106 dB analog-to-digital converter (ADC) dynamic range

Total harmonic distortion + noise (THD + N): -95 dB

Selectable digital high-pass filter

24 bit stereo ADC with 8 kHz to 192 kHz sample rates

Digital volume control with autoramp function

I2C/SPI controllable for flexibility

Software-controllable clickless mute

Software power-down

Right-justified, left-justified, I2S-justified, and TDM modes

Master and slave operation modes

40-lead LFCSP package

Qualified for automotive applications

Application

Automotive audio systems

Active noise cancellation system

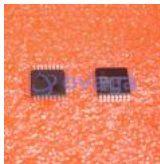


Related Products



[ADAS3022BCPZ](#)

Analog Devices, Inc
LFCSP-40



[AD7266BSUZ](#)

Analog Devices, Inc
TQFP-32



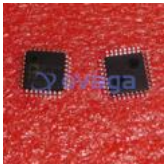
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