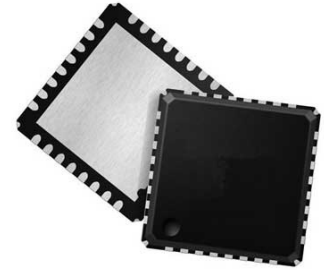


4-Channel Quad ADC Delta-Sigma 40ksps 16-bit Serial 32-Pin VQFN EP T/R



Images are for reference only

Manufacturer: [Texas Instruments, Inc](#)

Package/Case: QFN32

Product Type: Data Conversion ICs

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

[Inquiry](#)

General Description

The ADS1204 is a four-channel, high-performance device, with four delta-sigma ($\Delta\Sigma$) modulators with 100dB dynamic range, operating from a single +5V supply. The differential inputs are ideal for direct connection to transducers in an industrial environment. With the appropriate digital filter and modulator rate, the device can be used to achieve 16-bit analog-to-digital (A/D) conversion with no missing code. Effective resolution of 12 bits can be obtained with a digital filter data rate of 160kHz at a modulator rate of 10MHz. The ADS1204 is designed for use in medium- to high-resolution measurement applications including current measurements, smart transmitters, industrial process control, weight scales, chromatography, and portable instrumentation. It is available in a QFN-32 (5x5) package.

Key Features

Four independent delta-sigma modulators

Four input reference buffers

Selectable internal or external clock

Green product and no Sb/Br

Recommended For You

ADS8326IDGKT

Texas Instruments, Inc

MSOP8

ADS7816U

Texas Instruments, Inc

SOP8

ADS1110A0IDBVR

Texas Instruments, Inc

SOT23-6

ADS1015BQDGSRQ1

Texas Instruments, Inc

VSSOP-10

ADS7805UB

Texas Instruments, Inc

SOP28

ADS774KU

Texas Instruments, Inc

SOP28

ADS7846E

Texas Instruments, Inc
SSOP16

ADS8344NB

Texas Instruments, Inc
SSOP20

ADS1254E

Texas Instruments, Inc
SSOP20

ADS7842E

Texas Instruments, Inc
SSOP28

ADS1282IPW

Texas Instruments, Inc
TSSOP-28

ADS7843E/2K5

Texas Instruments, Inc
SSOP16

ADS1226IRGVT

Texas Instruments, Inc
QFN16

ADS825E

Texas Instruments, Inc
SSOP28

ADS7825U

Texas Instruments, Inc
SOP28