

Analogue to Digital Converter, 16 bit, 5 MSPS, Differential, LVDS, Serial, Dual (+/-), 1.71 V

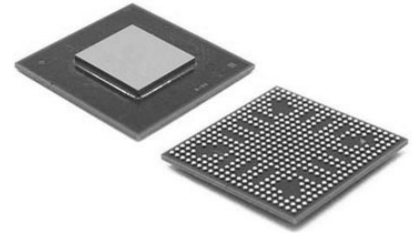
Manufacturers [Analog Devices, Inc](#)

Package/Case LFCSP-32

Product Type Data Conversion ICs

RoHS Pb-free Halide free

Lifecycle



Images are for reference only

Please submit RFQ for AD7961BCPZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The AD7961 is available in a 32-lead LFCSP (QFN) with operation specified from -40°C to $+85^{\circ}\text{C}$.

Features

Throughput: 5 MSPS

16-bit resolution with no missing codes

SNR: 95.5 dB

INL: ± 0.2 LSB

DNL: ± 0.14 LSB

Internal reference buffer

True differential analog input voltage range: ± 4.096 V or ± 5 V

Low power dissipation (39 mW)

SAR architecture

External Reference Options

Serial LVDS interface

32-lead, 5mm \times 5mm LFCSP (QFN)

See datasheet for further details

Application

Digital imaging systems Digital X-rays Computed tomography IR cameras

MRI gradient control

High speed data acquisition

Spectroscopy

Test equipment

Related Products



[ADAS3022BCPZ](#)

Analog Devices, Inc
LFCSP-40



[AD574AJNZ](#)

Analog Devices, Inc
PDIP-28



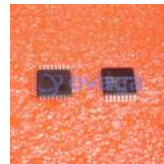
[AD7938BSUZ](#)

Analog Devices, Inc
TQFP-32



[AD7124-8BCPZ-RL7](#)

Analog Devices, Inc
LFCSP-32



[AD7266BSUZ](#)

Analog Devices, Inc
TQFP-32



[AD7401YRWZ](#)

Analog Devices, Inc
SOIC-16



[AD7192BRUZ-REEL](#)

Analog Devices, Inc
TSSOP-24



[AD9680BCPZ-500](#)

Analog Devices, Inc
LFCSP-64