Analogue to Digital Converter, 16 bit, 4 kSPS, Single Ended, Serial, Dual (+/-), -4.5 V

Manufacturers	Analog Devices, Inc
Package/Case	PDIP-20
Product Type	Data Conversion ICs
RoHS	Rohs
Lifecycle	
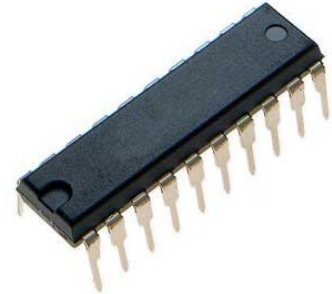
Images are for reference only

Please submit RFQ for AD7701ANZ or Email to us: sales@ovaga.com We will contact you in 12 hours.   RFQ

General Description

The inherant linearity of the ADC is excellent, and endpoint accuracy is ensured by self-calibration of zero and full scale which may be initiated at any time.The self-calibration scheme can also be extended to null system offset and gain errors in the input channel.

The output data is accessed through a flexible serial port, which has an asynchronous mode compatible with UARTs and two synchronous modes suitable for interfacing to shift registers or the serial ports of industry-standard microcontrollers.

CMOS construction insures low power dissipation, and a power down mode reduces the idle power consumption to only 10 μW.

Features

0 V to +2.5 V or ±2.5 V Analog Input Range

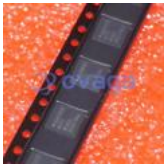4 kSPS Output Data Rate

Flexible Serial Interface

Ultralow Power

0 V to +2.5 V or ±2.5 V Analog Input Range

4 kSPS Output Data Rate

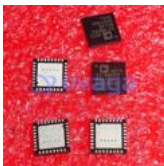Flexible Serial Interface

Ultralow Power

Related Products
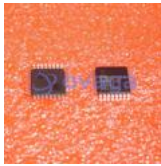

ADAS3022BCPZ

Analog Devices, Inc

LFCSP-40

AD7266BSUZ

Analog Devices, Inc

TQPF-32

AD574AJNZ

Analog Devices, Inc

PDIP-28

AD7401YRWZ

Analog Devices, Inc

SOIC-16

AD7938BSUZ

Analog Devices, Inc

TQFP-32
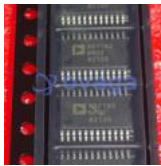
AD7192BRUZ-REEL

Analog Devices, Inc

TSSOP-24

AD7124-8BCPZ-RL7

Analog Devices, Inc

LFCSP-32

AD9680BCPZ-500

Analog Devices, Inc

LFCSP-64