

3V/5V, 1mW, 3-Channel Pseudo Differential, 16-Bit Sigma-Delta ADC; Package: TSSOP;
No of Pins: 16; Temperature Range: Commercial

Manufacturers	Analog Devices, Inc
Package/Case	TSSOP-16
Product Type	Data Conversion ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for AD7706BRUZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The AD7705 has two differential channels while the AD7706 has one differential and two pseudo-differential channels. Differential reference inputs also allow maximum flexibility in tailoring the device for use in ratiometric applications.

Features

Three Pseudo Differential Input Channel ADCs 16 Bits No Missing Codes 0.003% Nonlinearity

Programmable Gain Front End Gains from 1 to 128

Ability to Buffer the Analog Input

2.7 V to 3.3 V or 4.75 V to 5.25 V Operation

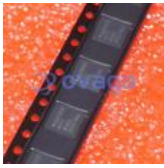
Three-Wire Serial Interface SPI®, QSPI™, MICROWIRE™ and DSP Compatible Schmitt Trigger Input on SCLK

Power Dissipation 1 mW max @ 3 V

Standby Current 8 µA max

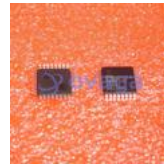
16-Lead DIP, 16-Lead SOIC and TSSOP Packages

Related Products



[ADAS3022BCPZ](#)

Analog Devices, Inc
LFCSP-40



[AD7266BSUZ](#)

Analog Devices, Inc
TQFP-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