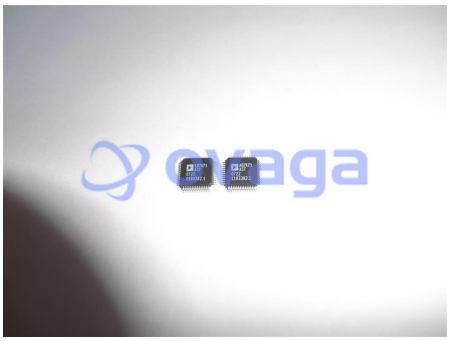
AD7671AST

Data Sheet

16-Bit 1 MSPS Bipolar PulSAR® ADC A/D Converter

Manufacturers	Analog Devices, Inc
Package/Case	QFP-48
Product Type	Power Supplies
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for AD7671AST or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

AD7671AST is an Analog-to-Digital Converter (ADC) manufactured by Analog Devices. It is a high-performance, 16-bit, successive-approximation register (SAR) ADC that is designed for use in applications that require high-resolution conversion of analog signals.

Features

16-bit resolution

Maximum sample rate of 1 MSPS (million samples per second)

Low power consumption

On-chip track-and-hold circuitry

Input voltage range of -10V to +10V

SPI-compatible serial interface

Bipolar and unipolar input ranges

Single-ended and differential input configurations

Application

Industrial process control

Medical instrumentation

Data acquisition systems

Digital signal processing

Instrumentation and measurement systems

Test and measurement equipment

Audio signal processing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Related Products

[ADV7123KST140](#)

Analog Devices, Inc

QFP-48

[ADUM7223ACCZ](#)

Analog Devices, Inc

LGA-13

[ADUM3223CRZ](#)

Analog Devices, Inc

SOIC-16

[ADUM1234BRWZ](#)

Analog Devices, Inc

SOIC-16

[ADV7171KSU](#)

Analog Devices, Inc

TQFP44

[AD6645ASQZ-80](#)

Analog Devices, Inc

QFP52

[AD6645ASQZ-105](#)

Analog Devices, Inc

QFP-52

[AD9731BR](#)

Analog Devices, Inc

SOP-28