

QFP80

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	TQFP80
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for AD7015AST or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

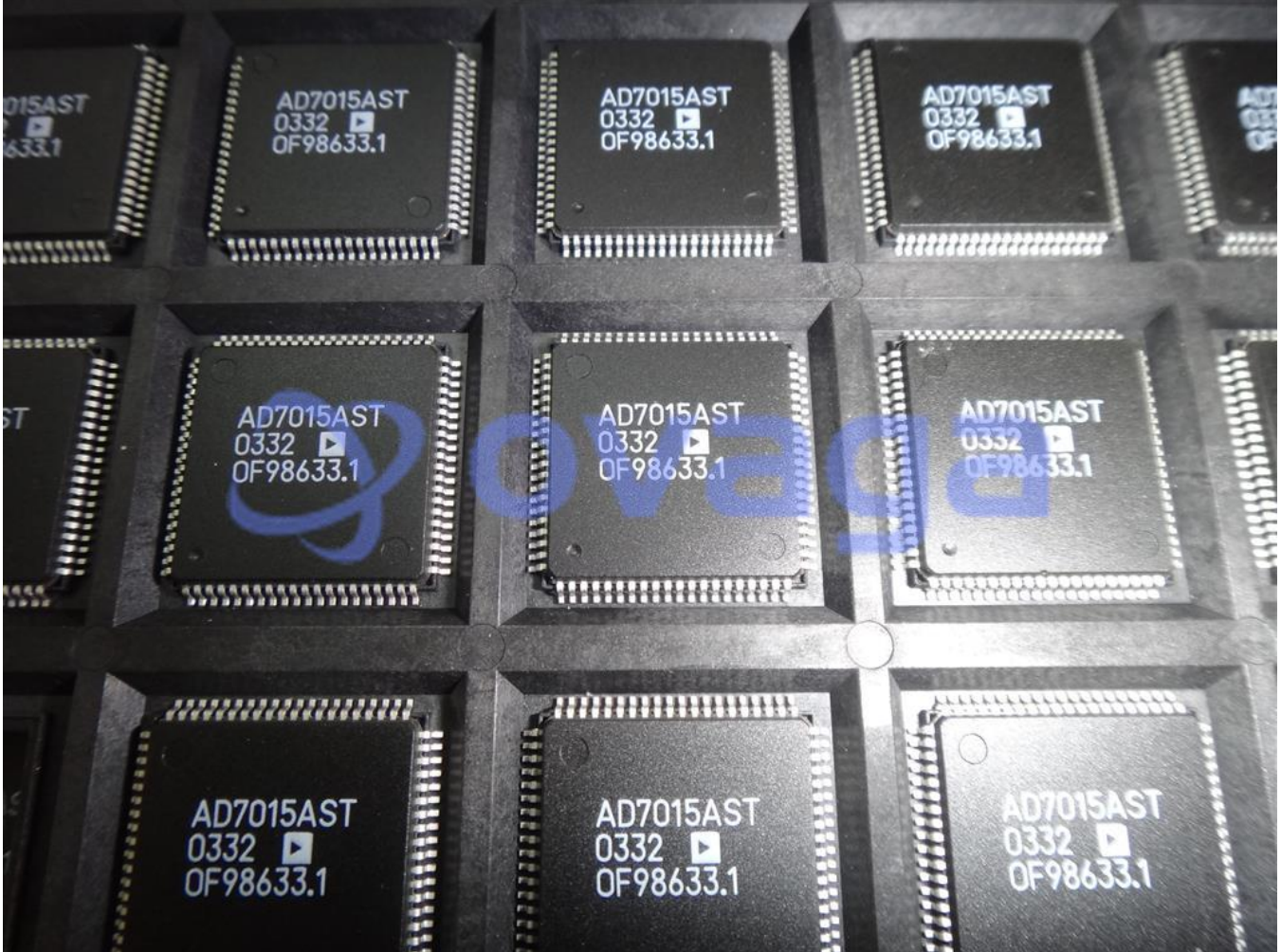
AD7015AST is a high precision, 16-bit, successive approximation analog-to-digital converter (ADC) manufactured by Analog Devices.

## Features

- 16-bit resolution
- High accuracy with a maximum integral nonlinearity (INL) error of +/- 2 LSB
- Low power consumption of 2.5mW at 5V
- Single-ended or differential input voltage ranges of 0 to 5V or -5V to +5V
- Conversion time of 1.5 microseconds
- SPI-compatible serial interface

## Application

- Data acquisition systems
- Instrumentation and measurement equipment
- Industrial process control and automation
- Medical diagnostic equipment
- High-resolution audio equipment
- Precision voltage and current measurement systems





## Related Products



### [ADUM1300](#)

Analog Devices, Inc



### [ADG5409BCPZ](#)

Analog Devices, Inc  
LFCSP-16



### [ADR391AUJZ](#)

Analog Devices, Inc  
SOT23-5



### [ADM7171ACPZ](#)

Analog Devices, Inc  
LFCSP8



### [ADL5310ACPZ](#)

Analog Devices, Inc  
LFCSP-24



### [ADG3308BCPZ](#)

Analog Devices, Inc  
20LFCS



### [ADCMP600BKSZ](#)

Analog Devices, Inc  
SC-70-5



### [ADCMP601BKSZ](#)

Analog Devices, Inc  
SC70