

Four-Channel, Simultaneous Sampling, Fast, 14-Bit ADC

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	MQFP-44
Product Type	Power Supplies
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for AD7865BS-1 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

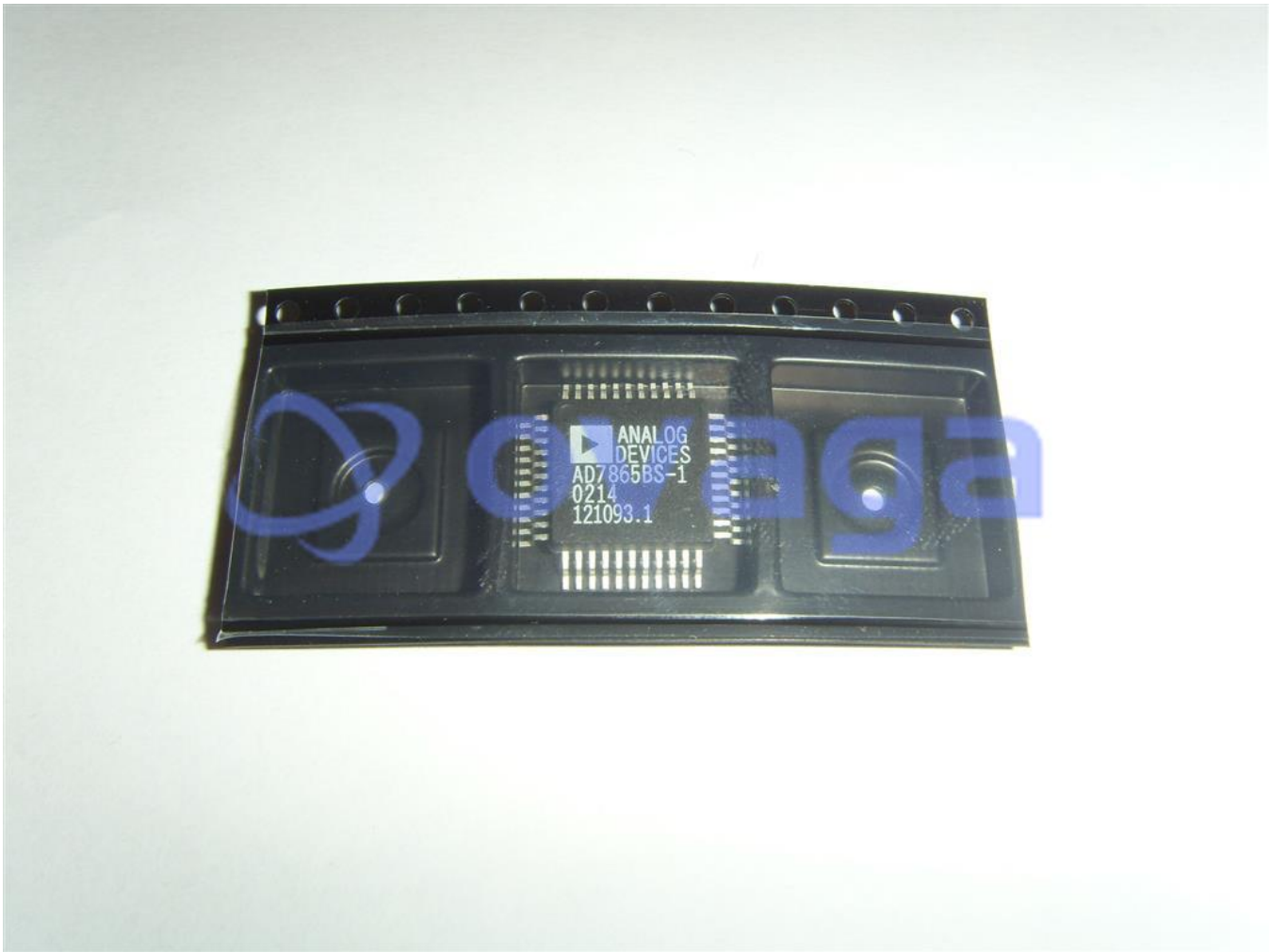
AD7865BS-1 is a 12-bit, low power, successive approximation analog-to-digital converter (ADC) manufactured by Analog Devices Inc. It is designed for use in applications where low power consumption and small package size are critical, such as battery-powered instrumentation, data acquisition systems, and remote sensing.

## Features

- 12-bit resolution
- Single-ended analog input range of 0V to VREF
- Conversion time of 1.2 microseconds (typical)
- Low power consumption: 1mW (typical) at 5V supply voltage
- Small package size: 8-lead SOIC and 8-lead MSOP

## Application

- Battery-powered instrumentation
- Data acquisition systems
- Portable test equipment
- Medical instrumentation
- Industrial process control
- Remote sensing
- Automotive systems



## Related Products



### [ADV7123KST140](#)

Analog Devices, Inc  
QFP-48



### [ADUM3223CRZ](#)

Analog Devices, Inc  
SOIC-16



### [ADV7171KSU](#)

Analog Devices, Inc  
TQFP44



### [AD6645ASQZ-105](#)

Analog Devices, Inc  
QFP-52



### [ADUM7223ACCZ](#)

Analog Devices, Inc  
LGA-13



### [ADUM1234BRWZ](#)

Analog Devices, Inc  
SOIC-16



### [AD6645ASQZ-80](#)

Analog Devices, Inc  
QFP52



### [AD9731BR](#)

Analog Devices, Inc  
SOP-28