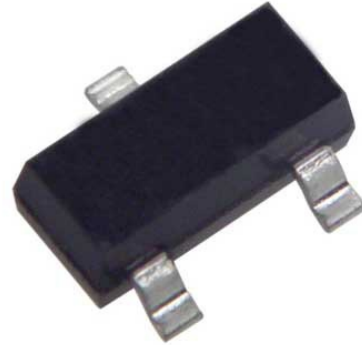


Analog to Digital Converters - ADC 3mW 100kSPS 16-Bit

Manufacturers	Analog Devices, Inc
Package/Case	SOT-23-6
Product Type	Discrete Semiconductors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for AD7680BRJZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

AD7680BRJZ is an analog-to-digital converter (ADC) manufactured by Analog Devices. It is a 16-bit successive approximation ADC with a maximum sampling rate of 250 kSPS (kilo samples per second). The device operates from a single 2.7 V to 5.5 V power supply and has a low power consumption of 1.3 mW at 250 kSPS.

Features

- 16-bit resolution
- Maximum sampling rate of 250 kSPS
- Low power consumption
- Single-ended analog input voltage range of 0 V to VREF
- SPI-compatible serial interface
- Internal reference voltage
- Programmable acquisition time and conversion rate
- Power-down mode

Application

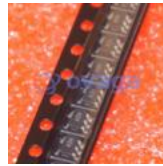
- Industrial control and automation
- Data acquisition systems
- Medical instrumentation
- Portable instrumentation
- Battery-powered systems
- Temperature measurement systems

Related Products



[AD7814ARTZ](#)

Analog Devices, Inc
SOT23-6



[AD8515ARTZ](#)

Analog Devices, Inc
SOT23



[ADA4897-1ARJZ](#)

Analog Devices, Inc
SOT23-6



[ADR395AUJZ](#)

Analog Devices, Inc
SOT23-5



[AD8628ARTZ](#)

Analog Devices, Inc
SOT23-5



[AD8211YRJZ](#)

Analog Devices, Inc
SOT-23



[AD1582BRTZ](#)

Analog Devices, Inc
SOT23-3



[ADM4073HWRJZ](#)

Analog Devices, Inc
SOT23-6P