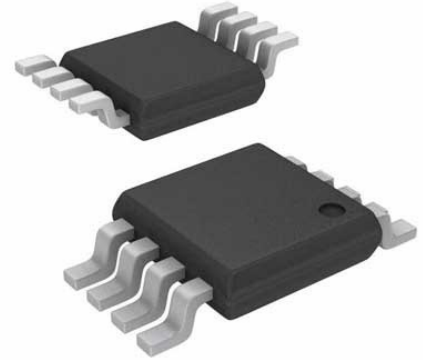


100 kSPS 16-BIT PulSAR® A/D Converter in μ SOIC/QFN; Package: MSOP; No of Pins: 8; Temperature Range: Industrial

Manufacturers	Analog Devices, Inc
Package/Case	MSOP-8
Product Type	Data Conversion ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for AD7683BRMZRL7 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The AD7683 is housed in an 8-lead MSOP or an 8-lead QFN (LFCSP) package, with an operating temperature specified from -40°C to $+85^{\circ}\text{C}$.

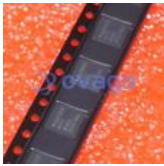
Features

- 16-Bits Resolution with No Missing 16-Bit Codes
- Throughput: 100 kSPS
- INL: ± 1 LSB Typ, ± 3 LSB Max
- Power Dissipation: 4 mW @ 5V/100 kSPS 150 μ W @ 2.7 V/10 kSPS
- Pseudo-Differential Analog Input Range: 0 V to VREF with VREF up to VDD
- No Pipeline Delay
- Single Supply Operation 2.7 V to 5.5 V
- See Data Sheet for Additional Information

Application

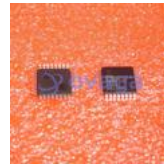
- Battery-powered equipment
- Data acquisition
- Instrumentation
- Medical instruments
- Process control

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



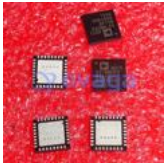
[AD7938BSUZ](#)

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