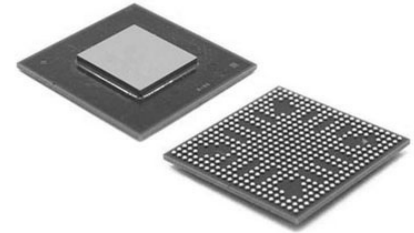


100 kSPS 16-BIT PulSAR® A/D Converter in  $\mu$ SOIC/QFN; Package: LFCSP (3x3mm 1.74x2.38 EP); No of Pins: 8; Temperature Range: Industrial

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	LFCSP-8
Product Type	Data Conversion ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for AD7683BCPZRL7 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  $-40^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$ .

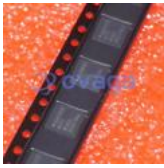
## Features

- 16-Bits Resolution with No Missing 16-Bit Codes
- Throughput: 100 kSPS
- INL:  $\pm 1$  LSB Typ,  $\pm 3$  LSB Max
- Power Dissipation: 4 mW @ 5V/100 kSPS 150  $\mu$ 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

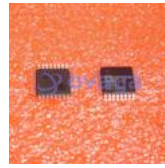
- Battery-powered equipment
- Data acquisition
- Instrumentation
- Medical instruments
- Process control

## 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



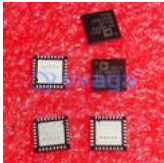
[AD7938BSUZ](#)

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