LTC1864CS8#PBF

Data Sheet

µPower, 16-Bit, 250ksps 1- and 2-Channel ADCs in SOIC; Package: SO; No of Pins: 8; Temperature Range: 0°C to +70°C

Manufacturers	Analog Devices, Inc
Package/Case	SOIC-8
Product Type	Data Conversion ICs
RoHS	Pb-free Halide free
Lifecycle	

Images are for reference only

Please submit RFQ for LTC1864CS8#PBF or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

The LTC1864CS8#PBF is a 16-bit, low-power, successive approximation register (SAR) analog-to-digital converter (ADC) designed for precise conversion of analog signals into digital data. It offers high resolution, low noise, and a wide input voltage range, making it suitable for various applications that require accurate digitization of analog signals.

Features

16-bit SAR ADC

High resolution and accuracy

Low noise and distortion

Wide input voltage range

Serial interface (SPI/I2C) for data communication

Internal reference voltage

On-chip sample-and-hold circuit

Power-down mode for power saving

Application

Data acquisition systems

Instrumentation and measurement equipment

Industrial automation and control

Process control systems

Test and measurement applications

Precision sensor interfaces

Battery-powered systems

Related Products

[LTC1860IMS8#PBF](#)

Analog Devices, Inc

MSOP-8

[LTC2351IUH-14#PBF](#)

Analog Devices, Inc

QFN-32

[LT1171CQ](#)

Analog Devices, Inc

TO-263

[LTC2600CGN#PBF](#)

Analog Devices, Inc

SSOP16

[LTC2485IDD#PBF](#)

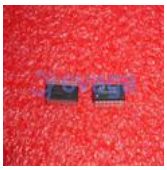
Analog Devices, Inc

DFN-10

[LTC2642CMS-16#PBF](#)

Analog Devices, Inc

10MSOP



[LTC2418IGN#PBF](#)

Analog Devices, Inc

SSOP28

[LTC1865AIMS#PBF](#)

Analog Devices, Inc

MSOP-1