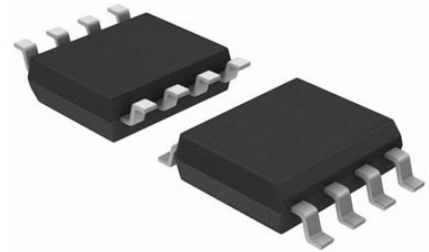


1-Channel Single ADC SAR 800ksps 14-bit Parallel 28-Pin SOIC W Tube

Manufacturers	Analog Devices, Inc
Package/Case	SOIC-20
Product Type	Data Conversion ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for LTC1419ACSW#PBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The LTC1419ACSW#PBF is a 16-bit, low-power, serial input, micropower sampling analog-to-digital converter (ADC) manufactured by Linear Technology (now part of Analog Devices). It is designed for applications that require high-resolution and low-power analog-to-digital conversion.

Features

- 16-bit ADC with high-resolution conversion
- Low power consumption for efficient operation
- Micropower sampling for reduced power usage
- Single-supply operation for ease of use
- Serial interface (SPI) for simple communication
- Integrated reference and temperature sensor for accurate measurements
- Wide input voltage range for versatile applications
- Low noise and distortion for precise signal conversion

Application

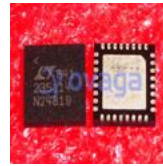
- Portable and battery-powered devices
- Data acquisition systems
- Industrial instrumentation
- Medical equipment
- Communications systems
- Sensor interfaces

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



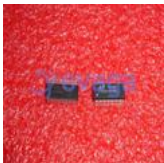
[LTC2485IDD#PBF](#)

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