

Complete Single Supply 12-Bit Voltage Output D/A Converter

Manufacturers	Analog Devices, Inc
Package/Case	DIP-8
Product Type	Power Supplies
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTC1257CN8 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LTC1257CN8 is a high-performance, 12-bit analog-to-digital converter (ADC) manufactured by Linear Technology Corporation (now part of Analog Devices). Here are some of its key features:

Features

- It has a maximum sample rate of 100 kilosamples per second (ksps).
- It uses a successive approximation register (SAR) architecture.
- It has a single-ended input voltage range of 0V to VREF, where VREF is the reference voltage.
- It has a differential input voltage range of -VREF/2 to +VREF/2.
- It has a low power consumption of 5mW.
- It has an internal reference voltage of 2.5V.

Application

- Data acquisition systems
- Instrumentation and control systems
- Industrial process control
- Medical instrumentation
- High-speed communications



Related Products



[LTC1966CMS8](#)
Analog Devices, Inc
MSOP-8



[LTC2600IGN](#)
Analog Devices, Inc
SSOP-16



[LT1054ISW](#)
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SOP-16



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[LT1931ES5](#)
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[LT3463EDD](#)
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