

Ic data acq sys 12bit 20-soic

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	SOP20
Product Type	Power Supplies
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTC1290DCSW or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

LTC1290DCSW is an analog-to-digital converter (ADC) produced by Linear Technology, which is now part of Analog Devices.

### Features

It is a 12-bit successive approximation ADC.

It operates from a single 5V supply and consumes only 1.2mA of supply current.

It has a maximum sampling rate of 100,000 samples per second.

It has an internal track-and-hold circuit that allows for a wide input signal range.

### Application

LTC1290DCSW can be used in various applications that require high accuracy analog-to-digital conversion, including data acquisition systems, process control systems, instrumentation, and medical devices.

It can also be used in temperature sensing, strain gauges, and pressure sensors.



## Related Products



### [LTC1966CMS8](#)

Analog Devices, Inc  
MSOP-8



### [LT1054ISW](#)

Analog Devices, Inc  
SOP-16



### [LT1931ES5](#)

Analog Devices, Inc  
SOT-23



### [LTC1446CS8](#)

Analog Devices, Inc  
SOP-8



### [LTC2600IGN](#)

Analog Devices, Inc  
SSOP-16



### [LTC2208CUP](#)

Analog Devices, Inc  
QFN64



### [LTC1606IG](#)

Analog Devices, Inc  
SSOP-28



### [LT3463EDD](#)

Analog Devices, Inc  
QFN10