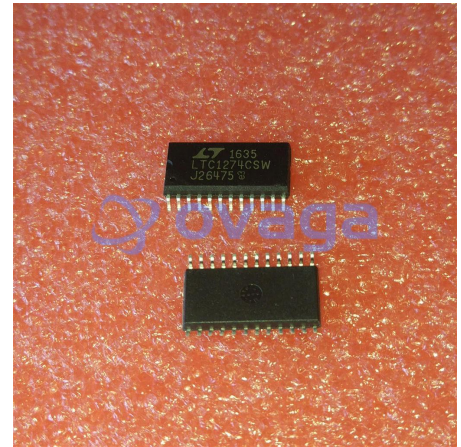


Analog to Digital Converters - ADC LTC1274 - 12-Bit, 10mW, 100ksps ADCs with 1- A Shutdown

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	SOP24
Product Type	Power Supplies
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTC1274CSW or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

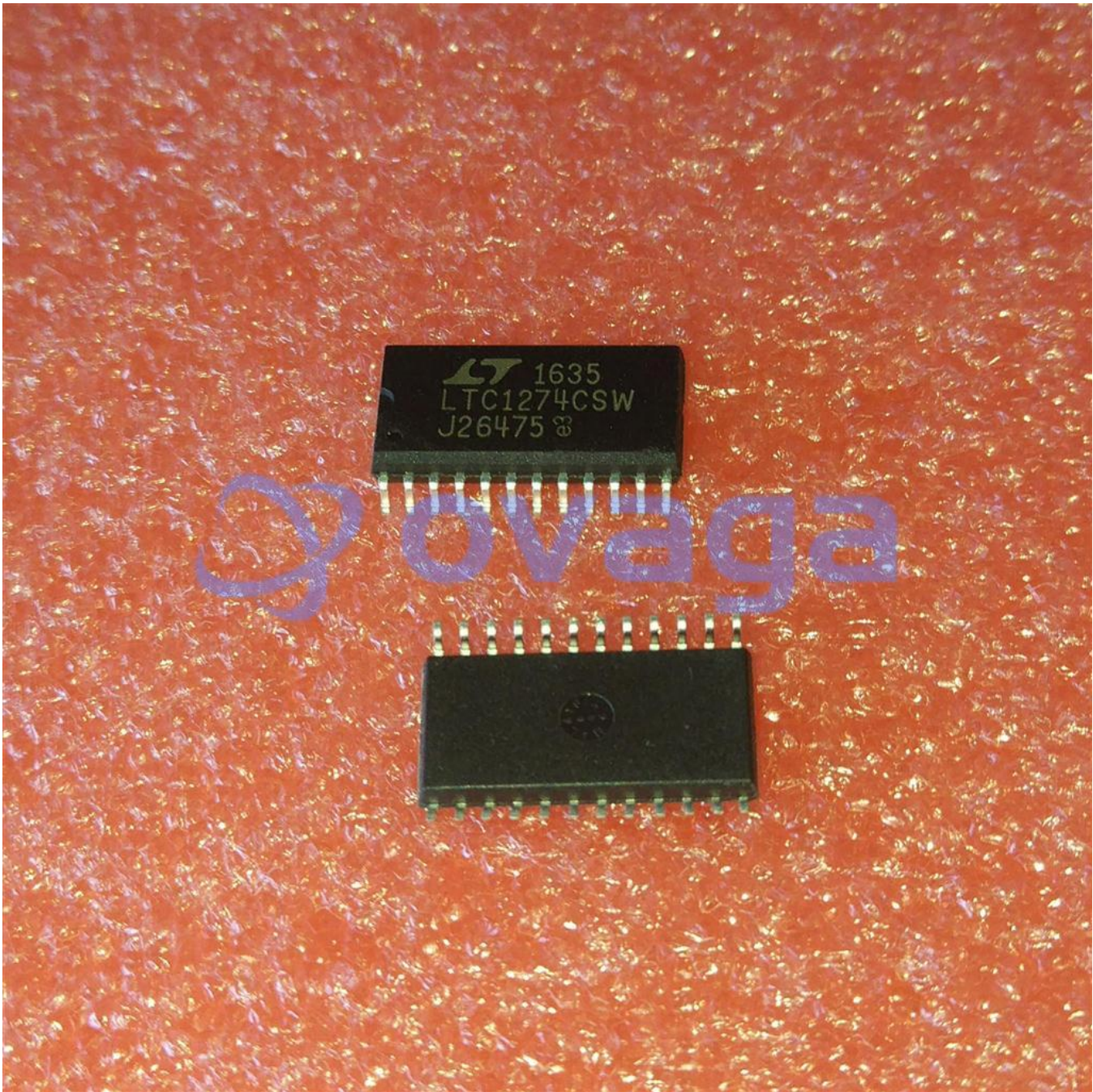
LTC1274CSW is a 12-bit analog-to-digital converter (ADC) integrated circuit (IC) manufactured by Linear Technology Corporation (now part of Analog Devices). Here are some of its key features:

### Features

- Resolution: 12 bits
- Sampling rate: Up to 500 kilosamples per second (ksps)
- Input voltage range: 0V to 5V (single-ended) or -2.5V to 2.5V (differential)
- Power supply voltage range: 4.75V to 5.25V
- Low power consumption: typically 9mW at 5V supply
- Serial interface: SPI-compatible, 3-wire or 4-wire

### Application

- Data acquisition systems
- Instrumentation
- Industrial process control
- Test and measurement equipment
- Audio signal processing



### Related Products



[LTC1966CMS8](#)

Analog Devices, Inc  
MSOP-8



[LTC2600IGN](#)

Analog Devices, Inc  
SSOP-16



[LT1054ISW](#)

Analog Devices, Inc  
SOP-16



[LTC2208CUP](#)

Analog Devices, Inc  
QFN64



[LT1931ES5](#)

Analog Devices, Inc  
SOT-23



[LTC1606IG](#)

Analog Devices, Inc  
SSOP-28



[LTC1446CS8](#)

Analog Devices, Inc  
SOP-8



[LT3463EDD](#)

Analog Devices, Inc  
QFN10