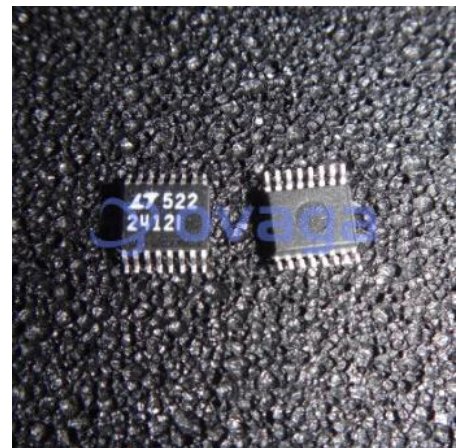


IC CONV A/D 24B 2CH DIFF 16-SSOP

|               |                                     |
|---------------|-------------------------------------|
| Manufacturers | <a href="#">Analog Devices, Inc</a> |
| Package/Case  | SSOP16                              |
| Product Type  | Integrated Circuits (ICs)           |
| RoHS          |                                     |
| Lifecycle     |                                     |



Images are for reference only

Please submit RFQ for LTC2412IGN or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

LTC2412IGN is a high precision, 24-bit analog-to-digital converter (ADC) manufactured by Linear Technology (now part of Analog Devices). Here are some of its features:

### Features

- Resolution: 24 bits
- Input voltage range: 0 to Vref
- Sample rate: 7.5 samples per second (SPS)
- Integrated low-noise programmable gain amplifier (PGA)
- Differential inputs for high common-mode rejection ratio (CMRR)
- Internal reference voltage (2.048V)
- Digital filter for noise reduction and rejection of 50Hz/60Hz line frequencies

### Application

- High-resolution measurement and data acquisition systems
- Industrial process control and automation
- Precision weighing scales and balances
- Medical instrumentation and patient monitoring
- Temperature sensing and control



## Related Products



### [LT3015EQ](#)

Analog Devices, Inc  
TO-263



### [LTC4357HMS8](#)

Analog Devices, Inc  
MSOP-8



### [LT5560EDD](#)

Analog Devices, Inc  
QFN-8



### [LT1764AEFE](#)

Analog Devices, Inc  
TSSOP1



### [LTC2990IMS](#)

Analog Devices, Inc  
MSOP-10



### [LT1964ES5-SD#PBF](#)

Analog Devices, Inc  
TSOT23



### [LT1963AES8](#)

Analog Devices, Inc  
SOP-8



### [LT1764EQ](#)

Analog Devices, Inc  
TO-263