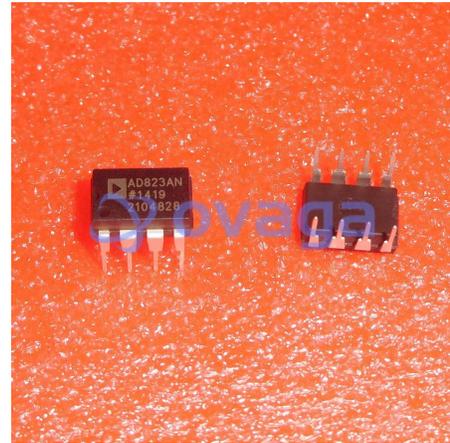


Dual, 16 MHz, Rail-to-Rail FET Input Amplifier

|               |                                     |
|---------------|-------------------------------------|
| Manufacturers | <a href="#">Analog Devices, Inc</a> |
| Package/Case  | DIP-8                               |
| Product Type  | Amplifier ICs                       |
| RoHS          |                                     |
| Lifecycle     |                                     |



Images are for reference only

Please submit RFQ for AD823AN or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

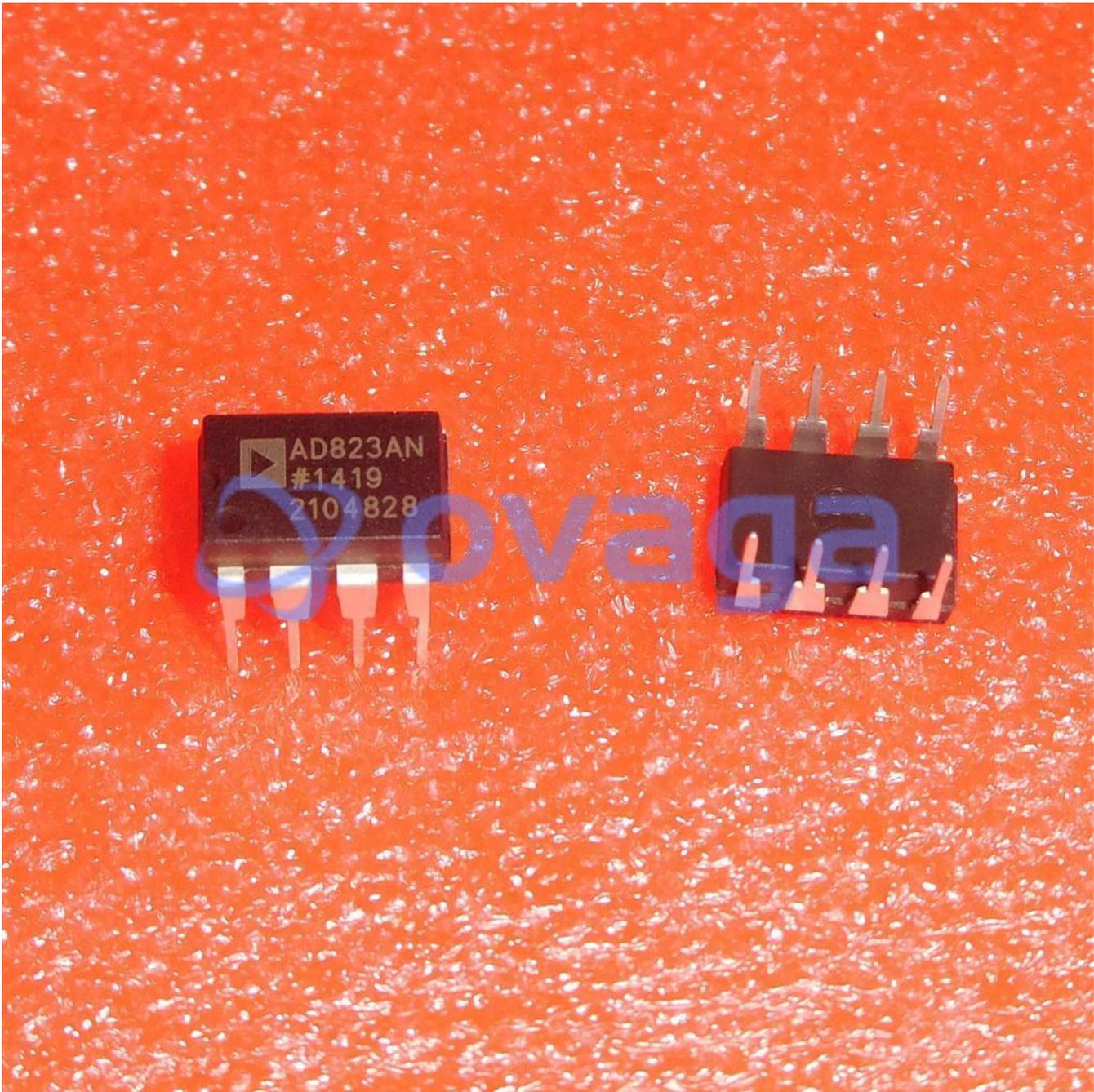
AD823AN is an analog front-end IC (integrated circuit) designed for use in medical and instrumentation applications. It is manufactured by Analog Devices, Inc. and is a part of their AD823x series of devices.

### Features

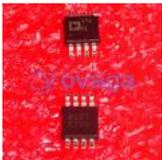
- Low input bias current: 1 pA typical
- Low input offset voltage: 1 mV typical
- Low input noise: 9 nV/ $\sqrt{\text{Hz}}$  typical
- Wide bandwidth: 0.5 Hz to 100 kHz
- Low power consumption: 110  $\mu\text{A}$  typical
- High common-mode rejection ratio: 80 dB minimum

### Application

- ECG (electrocardiogram) monitoring and analysis
- EMG (electromyogram) monitoring and analysis
- EEG (electroencephalogram) monitoring and analysis
- Portable medical devices
- Instrumentation and measurement equipment



### Related Products



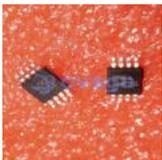
[AD8418BRMZ-RL](#)

Analog Devices, Inc  
MSOP-8



[ADA4528-2ARMZ-R7](#)

Analog Devices, Inc  
MSOP-8



[ADA4084-2ARMZ](#)

Analog Devices, Inc  
MSOP-8



[AD8062ARMZ](#)

Analog Devices, Inc  
MSOP8



[AD8567ARUZ](#)

Analog Devices, Inc  
TSSOP-14



[AD8628AUJZ](#)

Analog Devices, Inc  
SOP23



[AD8022ARMZ](#)

Analog Devices, Inc  
MSOP-8



[AD8041AR](#)

Analog Devices, Inc  
SOP-8