

RMS to DC Converter 1.05V 170uA 800kHz

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	MSOP-8
Product Type	Power Supplies
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTC1966CMS8 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

LTC1966CMS8 is a high-performance difference amplifier manufactured by Linear Technology Corporation (now part of Analog Devices Inc.). It is designed to accurately measure small differential signals in the presence of large common-mode voltage levels.

## Features

- Wide input common-mode range: -16V to +60V
- High common-mode rejection ratio: 110 dB typical at 60 Hz
- Low offset voltage: 100  $\mu$ V maximum
- Low gain error: 0.04% maximum
- Low quiescent current: 700  $\mu$ A maximum
- Rail-to-rail output swing
- Small package: 8-pin MSOP

## Application

- Precision current sensing
- Motor control systems
- Instrumentation amplifiers
- Data acquisition systems
- Differential signal conditioning
- Audio amplifiers



## Related Products



### [LTC2600IGN](#)

Analog Devices, Inc  
SSOP-16



### [LTC2208CUP](#)

Analog Devices, Inc  
QFN64



### [LTC1606IG](#)

Analog Devices, Inc  
SSOP-28



### [LT1054ISW](#)

Analog Devices, Inc  
SOP-16



### [LT1931ES5](#)

Analog Devices, Inc  
SOT-23



### [LTC1446CS8](#)

Analog Devices, Inc  
SOP-8



[LT3463EDD](#)

Analog Devices, Inc  
QFN10



[LTC4006EGN-2](#)

Analog Devices, Inc  
SSOP16