

Rail-to-Rail Input and Output, Ultralow 1.9n Root Hz Noise, Low Power Op Amps

Manufacturers	Analog Devices, Inc
Package/Case	SOP14
Product Type	Amplifier ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LT6204CS or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

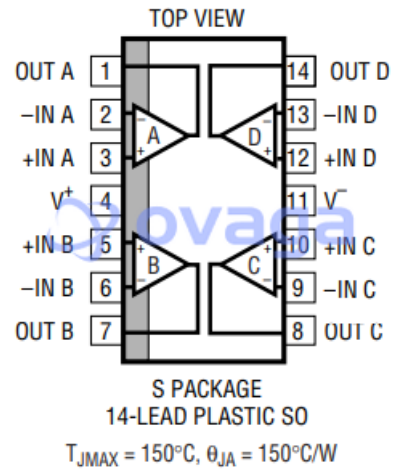
LT6204CS is a high-speed operational amplifier (op-amp) manufactured by Linear Technology, which is now part of Analog Devices. It is a low noise, low distortion, rail-to-rail input and output amplifier with a bandwidth of 75 MHz and a slew rate of 150 V/ μ s. It has a low input offset voltage of 800 μ V, low input bias current of 15 nA and a wide supply voltage range of 2.7 V to 12 V.

Features

- Wide supply voltage range: 2.7 V to 12 V
- High unity-gain bandwidth: 75 MHz
- Low input offset voltage: 800 μ V
- Low input bias current: 15 nA
- Rail-to-rail input and output
- Low distortion: 0.003% THD+N
- Low noise: 3.7 nV/ \sqrt Hz

Application

- High-speed signal conditioning
- Active filters
- Instrumentation amplifiers
- ADC drivers
- Video amplifiers
- Cable drivers



Related Products



[LTC1151CSW#PBF](#)

Analog Devices, Inc
SOIC-16



[LT1498CS8](#)

Analog Devices, Inc
SOP-8



[LTC2053CMS8](#)

Analog Devices, Inc
MSOP8



[LTC1150CN8](#)

Analog Devices, Inc
DIP8



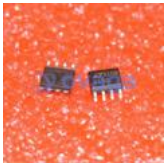
[LT1491ACS](#)

Analog Devices, Inc
SOP14



[LT6105IMS8](#)

Analog Devices, Inc
MSOP-8



[LTC1150CS8](#)

Analog Devices, Inc
SOP8



[LT1013CN8](#)

Analog Devices, Inc
DIP-8