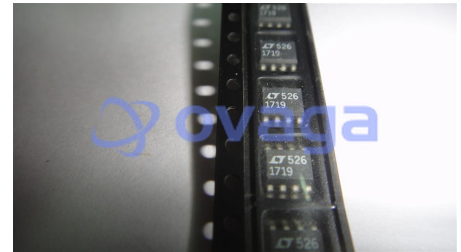


Comparator Type:General Purpose, No. of Comparators:1, Response Time:4.5ns, Supply Voltage Range:2.7V to 10.5V,

Manufacturers	<u>Analog Devices, Inc</u>
Package/Case	SOP8
Product Type	Comparator ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LT1719CS8 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

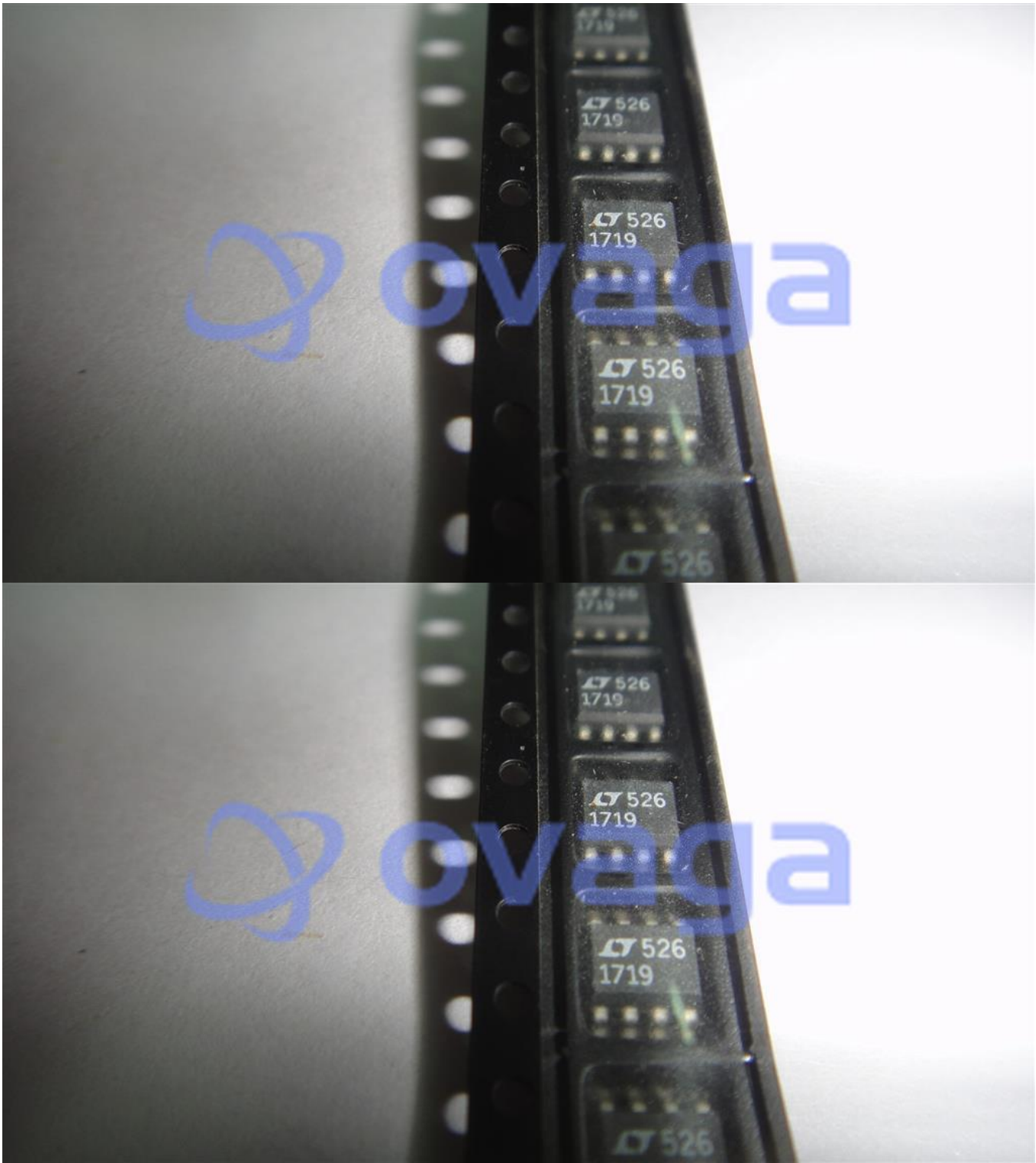
LT1719CS8 is a specific model of an operational amplifier (op-amp) integrated circuit (IC) manufactured by Linear Technology (now a part of Analog Devices Inc.). It is an analog device used for signal conditioning and amplification in various electronic circuits.

Features

- Supply voltage range: $\pm 2.5V$ to $\pm 15V$
- Rail-to-rail input and output
- High gain bandwidth product: 70 MHz
- Low input offset voltage: 200 μV
- Low input bias current: 5 nA
- Low input noise voltage: 9 nV/ \sqrt{Hz}
- Slew rate: 40 V/ μs
- Wide temperature range: $-40^{\circ}C$ to $85^{\circ}C$
- Single-ended or differential input modes
- Shutdown mode for power-saving

Application

- High-speed data acquisition systems
- Active filters and equalizers
- Medical and industrial instrumentation
- Communication systems
- Signal conditioning and amplification in various electronic circuits
- Current and voltage sensing
- Precision instrumentation



Related Products



[LTC1042CN8](#)

Analog Devices, Inc
DIP8



[LT1017IS8#PBF](#)

Analog Devices, Inc
SOP8



[LT1720CS8](#)

Analog Devices, Inc
SOP8



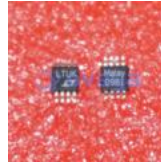
[LTC1540CMS8](#)

Analog Devices, Inc
MSOP8



[LT1018CS8](#)

Analog Devices, Inc
SOP8



[LT1713IMS8](#)

Analog Devices, Inc
MSOP-8



[LTC1540CS8](#)

Analog Devices, Inc
SOIC8



[LT1017IS8](#)

Analog Devices, Inc
SOP8