

Image may be representation.  
See specifications for product details.



## LT1677IS8

Manufacturer Part Number	<b>LT1677IS8</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-LT1677IS8
ECAD Model	Request Free CAD Models
Parts Description	IC OPAMP GP 1 CIRCUIT 8SO
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	LT1677IS8.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

LT1677IS8 - Analog Devices Inc..New Original in Stock. Download Linear Technology LT1677IS8 datasheet/specifications on AllelcoElec.com.  
Request a quote for LT1677IS8, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

LT1677IS8 Tech Specifications

LT1677IS8 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Operating Temperature	-40°C ~ 85°C
Voltage - Supply Span (Min)	3 V	Number of Circuits	1
Voltage - Supply Span (Max)	36 V	Mounting Type	Surface Mount
Voltage - Input Offset	20 µV	Gain Bandwidth Product	7.2 MHz
Supplier Device Package	8-SO	Current - Supply	2.75mA
Slew Rate	2.5V/µs	Current - Output / Channel	35 mA
Series	-	Current - Input Bias	2 nA
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	LT1677
Package	Tube	Amplifier Type	General Purpose
Output Type	Rail-to-Rail		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. LT1677IS8

Product Attribute				
Part Number	LT1677IS8	LT1677IS8#TRPBF	LT1677CS8#PBF	LT1678CS8#PBF
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	0°C ~ 70°C	-40°C ~ 85°C
Package	Tube	Tape & Reel (TR)	Tube	Tube
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply Span (Max)	36 V	36 V	36 V	36 V
Slew Rate	2.5V/µs	2.5V/µs	2.5V/µs	6V/µs
Amplifier Type	General Purpose	General Purpose	General Purpose	General Purpose
Current - Output / Channel	35 mA	35 mA	-	35 mA
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Number of Circuits	1	1	1	2
Voltage - Input Offset	20 µV	20 µV	20 µV	20 µV
Current - Supply	2.75mA	2.75mA	2.75mA	2.5mA (x2 Channels)
Series	-	-	-	LT®
Supplier Device Package	8-SO	8-SO	8-SO	8-SO
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Current - Input Bias	2 nA	2 nA	2 nA	2 nA
Voltage - Supply Span (Min)	3 V	3 V	3 V	2.7 V
Base Product Number	LT1677	LT1677	LT1677	LT1678
Gain Bandwidth Product	7.2 MHz	7.2 MHz	7.2 MHz	20 MHz

### LT1677IS8 Datasheet PDF

Download LT1677IS8 pdf datasheets and Analog Devices Inc. documentation for LT1677IS8 - Analog Devices Inc..

### PCN Design/Specification

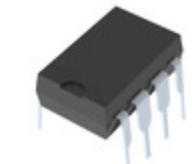
Mult Dev 12/Oct/2022.pdf

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### Customers Also Interested in

### Recommended Products



**LT1675CS8-1#PBF**Analog Devices Inc.  
IC VIDEO MULTIPLEXER 8SOIC**LT1676CS8**Linear Technology / Analog  
Devices**LT1678CS8**Linear Technology / Analog  
Devices**LT1677IS8#TRPBF**Analog Devices Inc.  
IC OPAMP GP 1 CIRCUIT 8SO**LT1677CS8#PBF**Analog Devices Inc.  
IC OPAMP GP 1 CIRCUIT 8SO**LT1678CS8#PBF**Analog Devices Inc.  
IC OPAMP GP 2 CIRCUIT 8SO**LT1677CS8**Linear Technology / Analog  
Devices**LT1678CS8#TRPBF**Analog Devices Inc.  
IC OPAMP GP 2 CIRCUIT 8SO**LT1675CS8-1#TRPBF**Analog Devices Inc.  
IC VIDEO MULTIPLEXER 8SOIC**LT1679CS#TRPBF**Analog Devices Inc.  
IC OPAMP GP 4 CIRCUIT 14SO**LT1677CS8#TRPBF**Analog Devices Inc.  
IC OPAMP GP 1 CIRCUIT 8SO**LT1676IS8#TRPBF**Analog Devices Inc.  
IC REG BUCK ADJ 550MA 8SOIC**LT1676IS8#PBF**Analog Devices Inc.  
IC REG BUCK ADJ 550MA 8SOIC**LT1676IS8**Linear Technology / Analog  
Devices**LT1678IS8#TRPBF**Analog Devices Inc.  
IC OPAMP GP 2 CIRCUIT 8SO**LT1678IS8**Linear Technology / Analog  
Devices**LT1677IN8#PBF**Analog Devices Inc.  
IC OPAMP GP 1 CIRCUIT 8DIP**LT1677IS8#PBF**Analog Devices Inc.  
IC OPAMP GP 1 CIRCUIT 8SO

## Shipment

### Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

### Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

### Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

**Common Countries Logistic Time Reference**

Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

**DHL & FedEx Shipment Charges Reference**

Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.

Contact us if you have any questions.

## Payment Support

The payment method can be chosen from the methods shown below:

Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Efficient Supply  
Management



Cost-Saving  
Procurement



Fast Sourcing &  
Delivery

Contact us if you have any questions.



Phone

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Email

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## Certifications & Memberships



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