



Image may be representation.  
See specifications for product details.



## AD8065AR

Manufacturer Part Number	<b>AD8065AR</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD8065AR
ECAD Model	Request Free CAD Models
Parts Description	IC VOLTAGE FEEDBACK 1 CIRC 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	<b>AD8065,66.pdf</b>

**Get a Quote**

AD8065AR - Analog Devices Inc..New Original in Stock. Download Linear Technology AD8065AR datasheet/specifications on AllelcoElec.com.  
Request a quote for AD8065AR, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD8065AR Tech Specifications  
AD8065AR - 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)	5 V	Number of Circuits	1
Voltage - Supply Span (Max)	24 V	Mounting Type	Surface Mount
Voltage - Input Offset	400 µV	Current - Supply	6.6mA
Supplier Device Package	8-SOIC	Current - Output / Channel	30 mA
Slew Rate	180V/µs	Current - Input Bias	3 pA
Series	FastFET™	Base Product Number	AD8065
Package / Case	8-SOIC (0.154", 3.90mm Width)	Amplifier Type	Voltage Feedback
Package	Tube	-3db Bandwidth	145 MHz
Output Type	Rail-to-Rail		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD8065AR

Product Attribute				
Part Number	AD8065AR	AD8065WARTZ-R7	AD8065ARTZ-R2	AD8065ART-REEL7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Supplier Device Package	8-SOIC	SOT-23-5	SOT-23-5	SOT-23-5
Series	FastFET™	Automotive	FastFET™	FastFET™
Current - Input Bias	3 pA	3 pA	3 pA	3 pA
Current - Supply	6.6mA	6.6mA	6.6mA	6.6mA
Amplifier Type	Voltage Feedback	Voltage Feedback	Voltage Feedback	Voltage Feedback
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Operating Temperature	-40°C ~ 85°C	-40°C ~ 105°C	-40°C ~ 85°C	-40°C ~ 85°C
Number of Circuits	1	1	1	1
Voltage - Input Offset	400 µV	400 µV	400 µV	400 µV
Voltage - Supply Span (Min)	5 V	5 V	5 V	5 V
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Current - Output / Channel	30 mA	30 mA	30 mA	30 mA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
-3db Bandwidth	145 MHz	145 MHz	145 MHz	145 MHz
Voltage - Supply Span (Max)	24 V	24 V	24 V	24 V
Package / Case	8-SOIC (0.154", 3.90mm Width)	SC-74A, SOT-753	SC-74A, SOT-753	SC-74A, SOT-753
Slew Rate	180V/µs	180V/µs	180V/µs	180V/µs
Base Product Number	AD8065	AD8065	AD8065	AD8065

### AD8065AR Datasheet PDF

Download AD8065AR pdf datasheets and Analog Devices Inc. documentation for AD8065AR - Analog Devices Inc..

#### Datasheets

[AD8065,66.pdf](#)

#### PCN Obsolescence/ EOL

[EOL Lead \(Pb\)-Bearing 07/Oct/2016.pdf](#)

#### Design Resources

[Programmable Gain Element Using AD5450/1/2/3 Curre.pdf](#)

[Unipolar, Precision DC Digital-to-Analog Conversio.pdf](#)



RAQ Issue 174: Current Noise in FET Inupt Amps.pdf

## Customers Also Interested in

### Recommended Products



**AD8065WARTZ-R7**  
Analog Devices Inc.  
IC OPAMP VFB 1 CIRCUIT SOT23-5



**AD8065ARTZ-R2**  
Analog Devices Inc.  
IC OPAMP VFB 1 CIRCUIT SOT23-5



**AD8065ART-REEL7**  
Analog Devices Inc.  
IC OPAMP VFB 1 CIRCUIT SOT23-5



**AD8065ARTZ-REEL**  
Analog Devices Inc.  
IC OPAMP VFB 1 CIRCUIT SOT23-5



**AD8065ARZ-REEL7**  
Analog Devices Inc.  
IC VOLTAGE FEEDBACK 1 CIRC 8SOIC



**AD8063ARTZ-REEL7**  
Analog Devices Inc.  
IC OPAMP VFB 1 CIRCUIT SOT23-6



**AD8063ART-REEL7**  
Analog Devices Inc.  
IC OPAMP VFB 1 CIRCUIT SOT23-6



**AD8065ARZ-REEL**  
Analog Devices Inc.  
IC VOLTAGE FEEDBACK 1 CIRC 8SOIC



**AD8065ARTZ-REEL7**  
Analog Devices Inc.  
IC OPAMP VFB 1 CIRCUIT SOT23-5



**AD8063ART-REE7**  
ADI (Analog Devices, Inc.)



**AD8063ARZ-REEL7**  
Analog Devices Inc.  
IC VOLTAGE FEEDBACK 1 CIRC 8SOIC



**AD8063ART**  
ADI (Analog Devices, Inc.)



**AD8065ARTZ**  
ADI (Analog Devices, Inc.)



**AD8063ARTZ-RL7**  
ADI (Analog Devices, Inc.)



**AD8063ARZ**  
Analog Devices Inc.  
IC VOLTAGE FEEDBACK 1 CIRC 8SOIC



**AD8063ARTZ-REEL**  
Analog Devices Inc.  
IC OPAMP VFB 1 CIRCUIT SOT23-6



**AD8063ARTZ-R2**  
Analog Devices Inc.  
IC OPAMP VFB 1 CIRCUIT SOT23-6



**AD8065ARZ**  
Analog Devices Inc.  
IC VOLTAGE FEEDBACK 1 CIRC 8SOIC

## 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  
+00852 9146 4856
- Email  
info@allelco.com

### Certifications & Memberships



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### Contact us

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