



Image may be representation.  
See specifications for product details.



## AD9708AR

Manufacturer Part Number	<b>AD9708AR</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD9708AR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC DAC 8BIT A-OUT 28SOIC
Package	28-SOIC (0.295", 7.50mm Width)
Data sheet	<b>AD9708.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

AD9708AR - Analog Devices Inc..New Original in Stock. Download Linear Technology AD9708AR datasheet/specifications on AllelcoElec.com.  
Request a quote for AD9708AR, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD9708AR Tech Specifications

AD9708AR - 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, Digital	2.7V ~ 5.5V	Number of D/A Converters	1
Voltage - Supply, Analog	2.7V ~ 5.5V	Number of Bits	8
Supplier Device Package	28-SOIC	Mounting Type	Surface Mount
Settling Time	35ns (Typ)	INL/DNL (LSB)	±0.25, ±0.25
Series	TxDAC®	Differential Output	Yes
Reference Type	External, Internal	Data Interface	Parallel
Package / Case	28-SOIC (0.295", 7.50mm Width)	Base Product Number	AD9708
Package	Tube	Architecture	Current Source
Output Type	Current - Unbuffered		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD9708AR

Product Attribute				
Part Number	AD9708AR	<b>AD9708ARU</b>	<b>AD9707BCPZ</b>	<b>AD9704BCPZ</b>
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
INL/DNL (LSB)	±0.25, ±0.25	±0.25, ±0.25	±1.4, ±1.2	±0.03, ±0.02
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Package	Tube	Tube	Tray	Tray
Differential Output	Yes	Yes	Yes	Yes
Number of D/A Converters	1	1	1	1
Number of Bits	8	8	14	8
Voltage - Supply, Digital	2.7V ~ 5.5V	2.7V ~ 5.5V	1.8V, 3.3V	1.8V, 3.3V
Output Type	Current - Unbuffered	Current - Unbuffered	Current - Unbuffered	Current - Unbuffered
Package / Case	28-SOIC (0.295", 7.50mm Width)	28-TSSOP (0.173", 4.40mm Width)	32-VFQFN Exposed Pad, CSP	32-VFQFN Exposed Pad, CSP
Base Product Number	AD9708	AD9708	AD9707	AD9704
Architecture	Current Source	Current Source	Current Source	Current Source
Supplier Device Package	28-SOIC	28-TSSOP	32-LFCSP-VQ (5x5)	32-LFCSP-VQ (5x5)
Reference Type	External, Internal	External, Internal	External, Internal	External, Internal
Series	TxDAC®	TxDAC®	TxDAC®	TxDAC®
Settling Time	35ns (Typ)	35ns (Typ)	11ns (Typ)	11ns (Typ)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply, Analog	2.7V ~ 5.5V	2.7V ~ 5.5V	1.8V, 3.3V	1.8V, 3.3V
Data Interface	Parallel	Parallel	Parallel	Parallel

### AD9708AR Datasheet PDF

Download AD9708AR pdf datasheets and Analog Devices Inc. documentation for AD9708AR - Analog Devices Inc..

#### Datasheets

AD9708.pdf

### Customers Also Interested in

#### Recommended Products

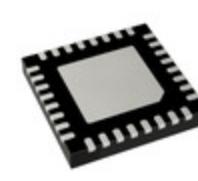


**AD9707BCPZ-RL7**

ADI (Analog Devices, Inc.)

**AD9708ARUZ**Analog Devices Inc.  
IC DAC 8BIT A-OUT 28TSSOP**AD9708ARU**Analog Devices Inc.  
IC DAC 8BIT A-OUT 28TSSOP**AD9708ARZ**Analog Devices Inc.  
IC DAC 8BIT A-OUT 28SOIC**AD9707BCPZ**Analog Devices Inc.  
IC DAC 14BIT A-OUT 32LFCSP**AD9707BCPZRL7**Analog Devices Inc.  
IC DAC 14BIT A-OUT 32LFCSP**AD9704BCPZ**Analog Devices Inc.  
IC DAC 8BIT A-OUT 32LFCSP**AD9708ARURL7**Analog Devices Inc.  
IC DAC 8BIT A-OUT 28TSSOP**AD9708ARURL**Analog Devices Inc.  
IC DAC 28TSSOP**AD9708ARUR17**

ADI (Analog Devices, Inc.)

**AD9705BCPZRL7**Analog Devices Inc.  
IC DAC 10BIT A-OUT 32LFCSP**AD9704BCPZRL7**Analog Devices Inc.  
IC DAC 8BIT A-OUT 32LFCSP**AD9708ARZRL**Analog Devices Inc.  
IC DAC 8BIT A-OUT 28SOIC**AD9706BCPZRL7**Analog Devices Inc.  
IC DAC 12BIT A-OUT 32LFCSP**AD9708ARUZRL7**Analog Devices Inc.  
IC DAC 8BIT A-OUT 28TSSOP**AD9705BCPZ**Analog Devices Inc.  
IC DAC 10BIT A-OUT 32LFCSP**AD9702BW**Analog Devices Inc.  
IC DAC 4BIT A-OUT 24CDIP**AD9706BCPZ**Analog Devices Inc.  
IC DAC 12BIT A-OUT 32LFCSP

## 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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