


## AD824AR-14

Manufacturer Part Number	<b>AD824AR-14</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD824AR-14
ECAD Model	 Request Free CAD Models
Parts Description	IC OPAMP JFET 4 CIRCUIT 14SOIC
Package	14-SOIC (0.154", 3.90mm Width)
Data sheet	<b>AD824.pdf</b>


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AD824AR-14 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD824AR-14 datasheet/specifications on AllelcoElec.com.  
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### Specifications

AD824AR-14 Tech Specifications  
 AD824AR-14 - 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	4
Voltage - Supply Span (Max)	30 V	Mounting Type	Surface Mount
Voltage - Input Offset	500 µV	Gain Bandwidth Product	2 MHz
Supplier Device Package	14-SOIC	Current - Supply	560µA (x4 Channels)
Slew Rate	2V/µs	Current - Output / Channel	12 mA
Series	-	Current - Input Bias	4 pA
Package / Case	14-SOIC (0.154", 3.90mm Width)	Base Product Number	AD824
Package	Tube	Amplifier Type	J-FET
Output Type	Rail-to-Rail	-3db Bandwidth	2 MHz

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD824AR-14

Product Attribute	 NO PICTURE	 AHEAD OF WHAT'S POSSIBLE™		
Part Number	AD824AR-14	<a href="#">AD824ARZ-14-REEL</a>	<a href="#">AD8244BRMZ-R7</a>	<a href="#">AD8244BRMZ</a>
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Current - Output / Channel	12 mA	12 mA	8 mA	8 mA
Voltage - Supply Span (Max)	30 V	30 V	36 V	36 V
Slew Rate	2V/µs	2V/µs	0.8V/µs	0.8V/µs
Voltage - Supply Span (Min)	3 V	3 V	3 V	3 V
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Current - Input Bias	4 pA	4 pA	0.9 pA	0.9 pA
Number of Circuits	4	4	4	4
Supplier Device Package	14-SOIC	14-SOIC	10-MSOP	10-MSOP
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Supply	560µA (x4 Channels)	560µA (x4 Channels)	180µA (x4 Channels)	180µA (x4 Channels)
-3db Bandwidth	2 MHz	2 MHz	3 MHz	3 MHz
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Voltage - Input Offset	500 µV	500 µV	100 µV	100 µV
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Package / Case	14-SOIC (0.154", 3.90mm Width)	14-SOIC (0.154", 3.90mm Width)	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)
Base Product Number	AD824	AD824	AD8244	AD8244
Amplifier Type	J-FET	J-FET	J-FET	J-FET
Gain Bandwidth Product	2 MHz	2 MHz	-	-
Series	-	-	-	-


### AD824AR-14 Datasheet PDF

Download AD824AR-14 pdf datasheets and Analog Devices Inc. documentation for AD824AR-14 - Analog Devices Inc..

#### Datasheets


[AD824.pdf](#)

#### PCN Obsolescence/ EOL


[Multiple Devices 29/Jan/2014.pdf](#)

### Customers Also Interested in

#### Recommended Products

**AD824ARZ-14-REEL**Analog Devices Inc.  
IC OPAMP JFET 4 CIRCUIT 14SOIC**AD824AR**

ADI (Analog Devices, Inc.)

**AD8244BRMZ-R7**Analog Devices Inc.  
IC OPAMP JFET 4 CIRCUIT 10MSOP**AD8244BRMZ**Analog Devices Inc.  
IC OPAMP JFET 4 CIRCUIT 10MSOP**AD824ANZ**

ADI (Analog Devices, Inc.)

**AD823ARZ-REEL7**

ADI (Analog Devices, Inc.)

**AD824ARZ-14-REEL7**Analog Devices Inc.  
IC OPAMP JFET 4 CIRCUIT 14SOIC**AD8244ARMZ**Analog Devices Inc.  
IC OPAMP JFET 4 CIRCUIT 10MSOP**AD8251ARMZ**Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 10MSOP**AD8244ARMZ-R7**Analog Devices Inc.  
IC OPAMP JFET 4 CIRCUIT 10MSOP**AD824ARZ-14**Analog Devices Inc.  
IC OPAMP JFET 4 CIRCUIT 14SOIC**AD824AN**

ADI (Analog Devices, Inc.)

**AD8240YRM**Analog Devices Inc.  
IC LED DRIVER LINEAR PWM 8MSOP**AD8251ARMZ-RL**Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 10MSOP**AD8250ARMZ-R7**Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 10MSOP**AD8250ARMZ**Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 10MSOP**AD823ARZ-RL**Analog Devices Inc.  
IC OPAMP JFET 2 CIRCUIT 8SOIC**AD8251ARMZ-R7**Analog Devices Inc.  
IC INST AMP 1 CIRCUIT 10MSOP

## 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.



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