

Image may be representation.  
See specifications for product details.

## AD594AD

Manufacturer Part Number	<b>AD594AD</b>
Manufacturer	Precision Monolithics
Allelco Part Number	32D-AD594AD
ECAD Model	Request Free CAD Models
Parts Description	<b>INSTRUMENTATION AMPLIFIER</b>
Package	14-CDIP (0.300", 7.62mm)
Data sheet	AD594AD.pdf

**Get a Quote**

AD594AD - Precision Monolithics. New Original in Stock. Download Linear Technology AD594AD datasheet/specifications on AllelcoElec.com.  
Request a quote for AD594AD, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD594AD Tech Specifications

AD594AD - Precision Monolithics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Precision Monolithics	Output Type	Voltage
Voltage - Supply	5V ~ 15V	Output Fan	No
Topology	Ice Point Compensation, Overload Detection	Output Alarm	Yes
Supplier Device Package	14-CDIP	Operating Temperature	-55°C ~ 125°C
Series	-	Mounting Type	Through Hole
Sensor Type	External	Function	Thermocouple Amplifier
Sensing Temperature	-	Base Product Number	AD594
Package / Case	14-CDIP (0.300", 7.62mm)	Accuracy	±3°C(Max)
Package	Tube		

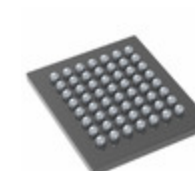
### Parts with Similar Specifications

The three parts on the right have similar specifications to Precision Monolithics AD594AD

Product Attribute				
Part Number	AD594AD	AD594ADZ	AD594AQ	AD594CD
Manufacturer	Precision Monolithics	ADI (Analog Devices, Inc.)	Analog Devices Inc.	Analog Devices Inc.
Output Alarm	Yes	Yes	Yes	Yes
Base Product Number	AD594	-	AD594	AD594
Sensing Temperature	-	-	-	-
Package / Case	14-CDIP (0.300", 7.62mm)	14-CDIP (0.300", 7.62mm)	14-CDIP (0.300", 7.62mm)	14-CDIP (0.300", 7.62mm)
Output Type	Voltage	Voltage	Voltage	Voltage
Topology	Ice Point Compensation, Overload Detection	Ice Point Compensation, Overload Detection	Ice Point Compensation, Overload Detection	Ice Point Compensation, Overload Detection
Operating Temperature	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C
Accuracy	±3°C(Max)	±3°C(Max)	±3°C(Max)	-
Sensor Type	External	External	External	External
Function	Thermocouple Amplifier	Thermocouple Amplifier	Thermocouple Amplifier	Thermocouple Amplifier
Voltage - Supply	5V ~ 15V	5 V ~ ±15 V	5V ~ ±15V	5V ~ ±15V
Output Fan	No	No	No	No
Package	Tube	-	Bulk	Tube
Series	-	-	-	-
Supplier Device Package	14-CDIP	14-CDIP	14-CERDIP	14-CDIP
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole

### Customers Also Interested in

#### Recommended Products



**AD594AQ+**

ADI (Analog Devices, Inc.)

**AD5940BCBZ-RLU2**

ADI (Analog Devices, Inc.)

**AD594ADZ**

ADI (Analog Devices, Inc.)  
IC THERMOCOUPLE INSTR AMP  
14CDIP

**AD5934YRSZ**

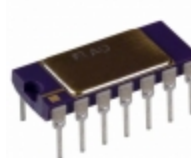
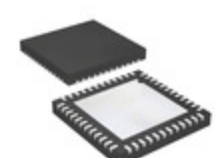
Analog Devices Inc.  
IC DDS 16.776MHZ 12BIT 16SSOP

**AD594AQ**

Analog Devices Inc.  
IC THERMOCOUPLE A W/COMP  
14CDIP

**AD5940BCBZ-RL7**

Analog Devices Inc.  
IC AFE 1 CHAN 16BIT 56WLCSP



**AD5941BCPZ**

Analog Devices Inc.  
BIO-IMPEDANCE &  
ELECTROCHEMICAL

**AD594CD**

Analog Devices Inc.  
IC THERMOCOUPLE INSTR AMP  
14CDIP

**AD594CDZ**

ADI (Analog Devices, Inc.)  
IC THERMOCOUPLE INSTR AMP  
14CDIP

**AD595AD**

Precision Monolithics  
INSTRUMENTATION AMPLIFIER

**AD5941BCPZ-RL7**

Analog Devices Inc.  
BIO-IMPEDANCE &  
ELECTROCHEMICAL

**AD594CQ**

Analog Devices Inc.  
IC THERMOCOUPLE A W/COMP  
14CDIP

**AD5934YRSZ-REEL7**Analog Devices Inc.  
IC DDS 16.776MHZ 12BIT 16SSOP**AD595AD**Analog Devices Inc.  
IC THERMOCOUPLE INSTR AMP 14CDIP**AD5933YRSZ-REEL7**Analog Devices Inc.  
IC DDS 16.776MHZ 12BIT 16SSOP**AD594AD**Analog Devices Inc.  
IC THERMOCOUPLE INSTR AMP 14CDIP**AD5933YRSZ**Analog Devices Inc.  
IC DDS 16.776MHZ 12BIT 16SSOP**AD5940BCBZ-RLU1**

ADI (Analog Devices, Inc.)

## 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



[View More](#)



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