



Image may be representation.  
See specifications for product details.



## AD597AR

Manufacturer Part Number	<b>AD597AR</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD597AR
ECAD Model	Request Free CAD Models
Parts Description	IC THERMOCOUPLE COND 8-SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	<b>AD596,597.pdf</b>

**Get a Quote**

AD597AR - Analog Devices Inc..New Original in Stock. Download Linear Technology AD597AR datasheet/specifications on AllelcoElec.com.  
Request a quote for AD597AR, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD597AR Tech Specifications  
AD597AR - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Package	Tube
Voltage - Supply	5V ~ 30V	Output Type	Voltage
Topology	Ice Point Compensation	Output Fan	No
Supplier Device Package	8-SOIC	Output Alarm	Yes
Series	-	Operating Temperature	-55°C ~ 125°C
Sensor Type	External	Mounting Type	Surface Mount
Sensing Temperature	-200°C ~ 1250°C	Function	Thermocouple Conditioner
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	AD597

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD597AR

Product Attribute				
Part Number	AD597AR	AD596AHZ	AD597AHZ	AD597AH
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Sensor Type	External	External	External	External
Package / Case	8-SOIC (0.154", 3.90mm Width)	TO-100-10 Metal Can	TO-100-10 Metal Can	TO-100-10 Metal Can
Topology	Ice Point Compensation	Ice Point Compensation	Ice Point Compensation	Ice Point Compensation
Output Alarm	Yes	Yes	Yes	Yes
Series	-	-	-	-
Function	Thermocouple Conditioner	Thermocouple Conditioner	Thermocouple Conditioner	Thermocouple Conditioner
Mounting Type	Surface Mount	Through Hole	Through Hole	Through Hole
Sensing Temperature	-200°C ~ 1250°C	-200°C ~ 760°C	-200°C ~ 1250°C	-200°C ~ 1250°C
Operating Temperature	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C
Output Fan	No	No	No	No
Output Type	Voltage	Voltage	Voltage	Voltage
Base Product Number	AD597	AD596	AD597	AD597
Voltage - Supply	5V ~ 30V	5V ~ 30V	5V ~ 30V	5V ~ 30V
Supplier Device Package	8-SOIC	TO-100-10	TO-100-10	TO-100-10
Package	Tube	Bulk	Bulk	Tube

### AD597AR Datasheet PDF

Download AD597AR pdf datasheets and Analog Devices Inc. documentation for AD597AR - Analog Devices Inc..

#### Datasheets

[AD596,597.pdf](#)

#### PCN Obsolescence/ EOL

[Multiple Device Family 05/Oct/2010.pdf](#)

### Customers Also Interested in

#### Recommended Products



**AD596AHZ**

Analog Devices Inc.  
IC THERMOCOUPLE COND TO-100-10



**AD597AHZ**

Analog Devices Inc.  
IC THERMOCOUPLE COND TO-100-10



**AD598SD/883B**

Analog Devices Inc.  
MIL LVDT SIG COND 20-CD1P



**AD598JRZ**

Analog Devices Inc.  
IC LVDT SGNL COND OSC/REF 20SOIC



**AD5962-8982502PA**

ADI (Analog Devices, Inc.)



**AD5PS-1+**

Mini-Circuits  
RF PWR DVDR 1MHZ-400MHZ 8SMD

**AD598AD**Analog Devices Inc.  
IC LVDT SIGNAL COND 20-CDIP**AD5962-9063301MCA**

ADI (Analog Devices, Inc.)

**AD5962-9312601MXA**

ADI (Analog Devices, Inc.)

**AD5962-9321401MEA**

ADI (Analog Devices, Inc.)

**AD597AH**Analog Devices Inc.  
IC THERMOCOUPLE COND TO-100-10**AD598SD**

ADI (Analog Devices, Inc.)

**AD597ARZ**ADI (Analog Devices, Inc.)  
IC THERMOCOUPLE COND 8-SOIC**AD5962-8963701CA**

ADI (Analog Devices, Inc.)

**AD5962-9756401QXA**

ADI (Analog Devices, Inc.)

**AD5B32-01**

ADI (Analog Devices, Inc.)

**AD5962-8982401PA**

ADI (Analog Devices, Inc.)

**AD598JR**Analog Devices Inc.  
IC LVDT SGNL COND OSC/REF 20SOIC

## 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 Alleco 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

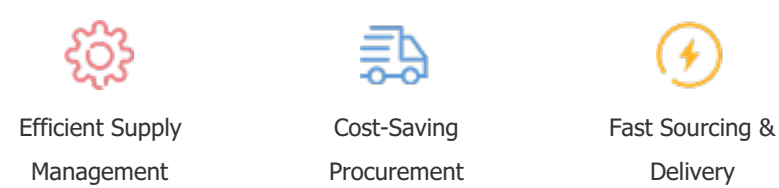
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

## Payment Support

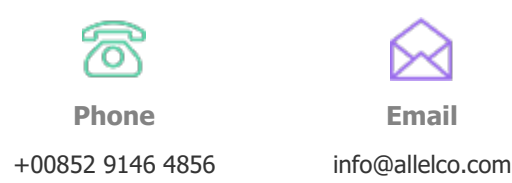
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



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### Contact us

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