



Image may be representation.
See specifications for product details.



AD7416AR

Manufacturer Part Number	AD7416AR
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD7416AR
ECAD Model	Request Free CAD Models
Parts Description	SENSOR DIGITAL -40C-125C 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	Cylindrical Battery Holders.pdf

Get a Quote

AD7416AR - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7416AR datasheet/specifications on AllelcoElec.com.
Request a quote for AD7416AR, please send us email: info@allelco.com

Specifications

AD7416AR Tech Specifications
AD7416AR - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Package / Case	8-SOIC (0.154", 3.90mm Width)
Voltage - Supply	2.7V ~ 5.5V	Package	Tube
Test Condition	-25°C ~ 100°C (-40°C ~ 125°C)	Output Type	I ² C
Supplier Device Package	8-SOIC	Operating Temperature	-40°C ~ 125°C
Series	-	Mounting Type	Surface Mount
Sensor Type	Digital, Local	Features	Output Switch, Programmable Limit, Shutdown Mode
Sensing Temperature - Remote	-	Base Product Number	AD7416
Sensing Temperature - Local	-40°C ~ 125°C	Accuracy - Highest (Lowest)	±2°C (±3°C)
Resolution	10 b		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD7416AR

Product Attribute				
Part Number	AD7416AR	AD7415ARTZ-0500RL7	AD7415ARTZ-1500RL7	AD7416ARZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Base Product Number	AD7416	AD7415	AD7415	AD7416
Output Type	I ² C	I ² C/SMBus	I ² C/SMBus	I ² C
Series	-	-	-	-
Package / Case	8-SOIC (0.154", 3.90mm Width)	SC-74A, SOT-753	SC-74A, SOT-753	8-SOIC (0.154", 3.90mm Width)
Sensor Type	Digital, Local	Digital, Local	Digital, Local	Digital, Local
Features	Output Switch, Programmable Limit, Shutdown Mode	One-Shot, Output Switch, Shutdown Mode, Sleep Mode	One-Shot, Output Switch, Shutdown Mode, Sleep Mode	Output Switch, Programmable Limit, Shutdown Mode
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Test Condition	-25°C ~ 100°C (-40°C ~ 125°C)	40°C (-40°C ~ 85°C)	40°C (-40°C ~ 85°C)	-25°C ~ 100°C (-40°C ~ 125°C)
Sensing Temperature - Remote	-	-	-	-
Sensing Temperature - Local	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Supplier Device Package	8-SOIC	SOT-23-5	SOT-23-5	8-SOIC
Accuracy - Highest (Lowest)	±2°C (±3°C)	±1.87°C (±3°C)	±1.87°C (±3°C)	±2°C (±3°C)
Resolution	10 b	10 b	10 b	10 b

AD7416AR Datasheet PDF

Download AD7416AR pdf datasheets and Analog Devices Inc. documentation for AD7416AR - Analog Devices Inc..

Datasheets

[Cylindrical Battery Holders.pdf](#)

PCN Obsolescence/ EOL

[Cylindrical Battery Holders.pdf](#)

Customers Also Interested in

Recommended Products



AD7415ARTZ-0500RL7Analog Devices Inc.
SENSOR DIGITAL -40C-125C SOT23-5**AD7415ARTZ**

ADI (Analog Devices, Inc.)

**AD7415ARTZ-1500RL7**Analog Devices Inc.
SENSOR DIGITAL -40C-125C SOT23-5**AD7416ARZ**Analog Devices Inc.
SENSOR DIGITAL -40C-125C 8SOIC**AD7416ARZ-REEL**Analog Devices Inc.
SENSOR DIGITAL -40C-125C 8SOIC**AD7416ARMZ**Analog Devices Inc.
SENSOR DIGITAL -40C-125C 8MSOP**AD7415ARTZ-0REEL7**Analog Devices Inc.
SENSOR DIGITAL -40C-125C SOT23-5**AD7415ART-0500RL7**Analog Devices Inc.
IC SENSOR TEMP 10BIT SOT23-5**AD7415ARTZ-1REEL**Analog Devices Inc.
SENSOR DIGITAL -40C-125C SOT23-5**AD7416ARMZ-REEL**Analog Devices Inc.
SENSOR DIGITAL -40C-125C 8MSOP**AD7416ARM**Analog Devices Inc.
SENSOR DIGITAL -40C-125C 8MSOP**AD7415ARTZ-1REEL7**Analog Devices Inc.
SENSOR DIGITAL -40C-125C SOT23-5**AD7416ARM-REEL**Analog Devices Inc.
SENSOR DIGITAL -40C-125C 8MSOP**AD7416ARMZ-REEL7**Analog Devices Inc.
SENSOR DIGITAL -40C-125C 8MSOP**AD7416AR-REEL7**Analog Devices Inc.
SENSOR DIGITAL -40C-125C 8SOIC**AD7416ARM-REEL7**Analog Devices Inc.
SENSOR DIGITAL -40C-125C 8MSOP**AD7415ARTZ-0REEL**Analog Devices Inc.
SENSOR DIGITAL -40C-125C SOT23-5**AD7415ART-0REEL7**

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.



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Certifications & Memberships



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