AD976AAR

Manufacturer Part Number	AD976AAR
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD976AAR
ECAD Model	▷ Request Free CAD Models
Parts Description	IC ADC 16BIT SAR 28SOIC
Package	28-SOIC (0.295", 7.50mm Width)
Data sheet	AD976, AD976A.pdf

Image may be representation.
See specifications for product details.

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Get a Quote

AD976AAR - Analog Devices Inc..New Original in Stock. Download Linear Technology AD976AAR datasheet/specifications on AllelcoElec.com.
Request a quote for AD976AAR, please send us email: info@allelco.com

Specifications

AD976AAR Tech Specifications
AD976AAR - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Number of Inputs	1
Voltage - Supply, Digital	5V	Number of Bits	16
Voltage - Supply, Analog	5V	Number of A/D Converters	1
Supplier Device Package	28-SOIC	Mounting Type	Surface Mount
Series	-	Input Type	Single Ended
Sampling Rate (Per Second)	200k	Features	-
Reference Type	External, Internal	Data Interface	Parallel
Ratio - S/H:ADC	1:1	Configuration	S/H-ADC
Package / Case	28-SOIC (0.295", 7.50mm Width)	Base Product Number	AD976
Package	Tube	Architecture	SAR
Operating Temperature	-40°C ~ 85°C		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD976AAR

Product Attribute				
Part Number	AD976AAR	AD976ABRSZ	AD976ABRZ	AD976AARSZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Voltage - Supply, Digital	5V	5V	5V	5V
Series	-	-	-	-
Configuration	S/H-ADC	S/H-ADC	S/H-ADC	S/H-ADC
Reference Type	External, Internal	External, Internal	External, Internal	External, Internal
Architecture	SAR	SAR	SAR	SAR
Features	-	-	-	-
Package / Case	28-SOIC (0.295", 7.50mm Width)	28-SSOP (0.209', 5.30mm Width)	28-SOIC (0.295', 7.50mm Width)	28-SSOP (0.209', 5.30mm Width)
Base Product Number	AD976	AD976	AD976	AD976
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Sampling Rate (Per Second)	200k	200k	200k	200k
Data Interface	Parallel	Parallel	Parallel	Parallel
Number of Bits	16	16	16	16
Package	Tube	Tube	Tube	Tube
Input Type	Single Ended	Single Ended	Single Ended	Single Ended
Voltage - Supply, Analog	5V	5V	5V	5V
Supplier Device Package	28-SOIC	28-SSOP	28-SOIC	28-SSOP
Number of Inputs	1	1	1	1
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of A/D Converters	1	1	1	1
Ratio - S/H:ADC	1:1	1:1	1:1	1:1

AD976AAR Datasheet PDF

Download AD976AAR pdf datasheets and Analog Devices Inc. documentation for AD976AAR - Analog Devices Inc..

Datasheets

📄 AD976, AD976A.pdf

PCN Obsolescence/ EOL

📄 Lead(Pb)- Bearing Dev OBS 19/Jun/2017.pdf

PCN Design/Specification

📄 AD976,AD976A Polyimide thickness/Pad Size 26/Jul/2.pdf

📄 AD976,AD976A Polymide and Bond Pad 13/Sep/2013.pdf

▌ Customers Also Interested in

Recommended Products

AD976ABRSZ Analog Devices Inc. IC ADC 16BIT SAR 28SSOP	**AD976ABRZ** Analog Devices Inc. IC ADC 16BIT SAR 28SOIC	**AD976AARSZ** Analog Devices Inc. IC ADC 16BIT SAR 28SSOP
AD9768JD Analog Devices Inc. IC DAC 8BIT A-OUT 18SBDIP	**AD976ABN** Analog Devices Inc. IC ADC 16BIT SAR 28DIP	**AD976AANZ** Analog Devices Inc. IC ADC 16BIT SAR 28DIP

AD9767ASTRL — Analog Devices Inc. — IC DAC 14BIT DUAL 125MSPS 48LQFP
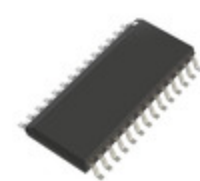
AD9768SQ — ADI (Analog Devices, Inc.)

AD976AAN — Analog Devices Inc. — IC ADC 16BIT SAR 28DIP

AD976ABNZ — Analog Devices Inc. — IC ADC 16BIT SAR 28DIP

AD9767ASTZRL — Analog Devices Inc. — IC DAC 14BIT A-OUT 48LQFP

AD976AARZ-RL — Analog Devices Inc. — IC ADC 16BIT SAR 28SOIC

AD9768SE — Analog Devices Inc. — IC DAC 8BIT A-OUT 20LCCC

AD976AARZ — Analog Devices Inc. — IC ADC 16BIT SAR 28SOIC

AD976ABR — Analog Devices Inc. — IC ADC 16BIT SAR 28SOIC

AD9767ASTZ — Analog Devices Inc. — IC DAC 14BIT A-OUT 48LQFP

AD9768SD — ADI (Analog Devices, Inc.)

AD976ABRS — Analog Devices Inc. — IC ADC 16BIT SAR 28SSOP

▌ 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.

EAST WEST BANK · MasterCard · VISA · WESTERN UNION · 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
ISO 13485:2016 · ISO 9001:2015 · ISO 14001:2015 · ISO 28000:2007 · IPC Member · SMTA

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