AD976AAN

Manufacturer Part Number	AD976AAN
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD976AAN
ECAD Model	Request Free CAD Models
Parts Description	IC ADC 16BIT SAR 28DIP
Package	28-DIP (0.600", 15.24mm)
Data sheet	AD976, AD976A.pdf

Image may be representation.
See specifications for product details.

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Get a Quote

AD976AAN - Analog Devices Inc..New Original in Stock. Download Linear Technology AD976AAN datasheet/specifications on AllelcoElec.com.
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Specifications

AD976AAN Tech Specifications
AD976AAN - 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-PDIP	Mounting Type	Through Hole
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-DIP (0.600", 15.24mm)	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. AD976AAN

Product Attribute				
Part Number	AD976AAN	AD976AARSZ	AD976AANZ	AD976ABRSZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Features	-	-	-	-
Voltage - Supply, Analog	5V	5V	5V	5V
Supplier Device Package	28-PDIP	28-SSOP	28-PDIP	28-SSOP
Data Interface	Parallel	Parallel	Parallel	Parallel
Architecture	SAR	SAR	SAR	SAR
Package	Tube	Tube	Tube	Tube
Number of Inputs	1	1	1	1
Ratio - S/H:ADC	1:1	1:1	1:1	1:1
Base Product Number	AD976	AD976	AD976	AD976
Package / Case	28-DIP (0.600", 15.24mm)	28-SSOP (0.209', 5.30mm Width)	28-DIP (0.600', 15.24mm)	28-SSOP (0.209', 5.30mm Width)
Number of A/D Converters	1	1	1	1
Sampling Rate (Per Second)	200k	200k	200k	200k
Number of Bits	16	16	16	16
Voltage - Supply, Digital	5V	5V	5V	5V
Mounting Type	Through Hole	Surface Mount	Through Hole	Surface Mount
Input Type	Single Ended	Single Ended	Single Ended	Single Ended
Reference Type	External, Internal	External, Internal	External, Internal	External, Internal
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Configuration	S/H-ADC	S/H-ADC	S/H-ADC	S/H-ADC
Series	-	-	-	-

AD976AAN Datasheet PDF

Download AD976AAN pdf datasheets and Analog Devices Inc. documentation for AD976AAN - Analog Devices Inc..

Datasheets

📄 AD976, AD976A.pdf

PCN Design/Specification

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

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

PCN Obsolescence/ EOL

AD971/976/97A Series Obs 08/Apr/2016.pdf

■ Customers Also Interested in

Recommended Products

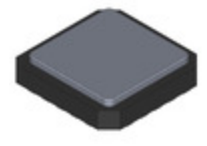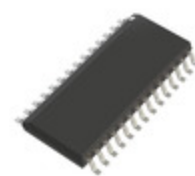|		
AD9768JD Analog Devices Inc. IC DAC 8BIT A-OUT 18SBDIP	**AD9768SD** ADI (Analog Devices, Inc.)	**AD9767ASTRL** Analog Devices Inc. IC DAC 14BIT DUAL 125MSPS 48LQFP
AD976AARSZ Analog Devices Inc. IC ADC 16BIT SAR 28SSOP	**AD9765ASTZTRL** ADI (Analog Devices, Inc.)	**AD9768SE** Analog Devices Inc. IC DAC 8BIT A-OUT 20LCCC
AD976AANZ Analog Devices Inc. IC ADC 16BIT SAR 28DIP	**AD976ABRSZ** Analog Devices Inc. IC ADC 16BIT SAR 28SSOP	**AD976AARZ-RL** Analog Devices Inc. IC ADC 16BIT SAR 28SOIC
AD9767ASTZRL Analog Devices Inc. IC DAC 14BIT A-OUT 48LQFP	**AD976ABRS** Analog Devices Inc. IC ADC 16BIT SAR 28SSOP	**AD976ABR** Analog Devices Inc. IC ADC 16BIT SAR 28SOIC
AD9767ASTZ Analog Devices Inc. IC DAC 14BIT A-OUT 48LQFP	**AD976AARZ** Analog Devices Inc. IC ADC 16BIT SAR 28SOIC	**AD9767AST** Analog Devices Inc. IC DAC 14BIT DUAL 125MSPS 48LQFP
AD976ABNZ Analog Devices Inc. IC ADC 16BIT SAR 28DIP	**AD976AAR** Analog Devices Inc. IC ADC 16BIT SAR 28SOIC	**AD976ABN** Analog Devices Inc. IC ADC 16BIT SAR 28DIP

■ 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 MEDICAL DEVICES ISO 13485:2016 · ISO CERTIFIED COMPANY 9001:2015 · ISO CERTIFIED COMPANY 14001:2015

ISO 28000:2007 · IPC Member · SMTA Surface Mount Technology Association

View More

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