



Image may be representation.
See specifications for product details.



AD7870JN

Manufacturer Part Number	AD7870JN
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD7870JN
ECAD Model	Request Free CAD Models
Parts Description	IC ADC 12BIT SAR 24DIP
Package	24-DIP (0.300", 7.62mm)
Data sheet	Cylindrical Battery Holders.pdf

Get a Quote

AD7870JN - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7870JN datasheet/specifications on AllelcoElec.com.
Request a quote for AD7870JN, please send us email: info@allelco.com

Specifications

AD7870JN Tech Specifications

AD7870JN - 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	12
Voltage - Supply, Analog	±5V	Number of A/D Converters	1
Supplier Device Package	24-PDIP	Mounting Type	Through Hole
Series	-	Input Type	Single Ended
Sampling Rate (Per Second)	100k	Features	-
Reference Type	Internal	Data Interface	SPI, Parallel
Ratio - S/H:ADC	1:1	Configuration	S/H-ADC
Package / Case	24-DIP (0.300", 7.62mm)	Base Product Number	AD7870
Package	Tube	Architecture	SAR
Operating Temperature	0°C ~ 70°C		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD7870JN

Product Attribute				
Part Number	AD7870JN	AD7871JN	AD7870JNZ	AD7866ARUZ-REEL
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Series	-	-	-	-
Architecture	SAR	SAR	SAR	SAR
Voltage - Supply, Analog	±5V	±5V	±5V	2.7V ~ 5.25V
Number of Bits	12	14	12	12
Input Type	Single Ended	Single Ended	Single Ended	Single Ended
Ratio - S/H:ADC	1:1	1:1	1:1	1:1
Mounting Type	Through Hole	Through Hole	Through Hole	Surface Mount
Reference Type	Internal	Internal	Internal	External, Internal
Configuration	S/H-ADC	S/H-ADC	S/H-ADC	MUX-S/H-ADC
Data Interface	SPI, Parallel	SPI, Parallel	SPI, Parallel	SPI, DSP
Sampling Rate (Per Second)	100k	83k	100k	1M
Package / Case	24-DIP (0.300", 7.62mm)	28-DIP (0.600", 15.24mm)	24-DIP (0.300", 7.62mm)	20-TSSOP (0.173", 4.40mm Width)
Number of Inputs	1	1	1	4
Voltage - Supply, Digital	±5V	±5V	±5V	2.7V ~ 5.25V
Operating Temperature	0°C ~ 70°C	0°C ~ 70°C	0°C ~ 70°C	-40°C ~ 125°C
Package	Tube	Tube	Tube	Tape & Reel (TR)
Supplier Device Package	24-PDIP	28-PDIP	24-PDIP	20-TSSOP
Base Product Number	AD7870	AD7871	AD7870	AD7866
Number of A/D Converters	1	1	1	2
Features	-	-	-	Simultaneous Sampling

AD7870JN Datasheet PDF

Download AD7870JN pdf datasheets and Analog Devices Inc. documentation for AD7870JN - Analog Devices Inc..

Datasheets

[Cylindrical Battery Holders.pdf](#)

PCN Obsolescence/ EOL

[Cylindrical Battery Holders.pdf](#)

Customers Also Interested in

Recommended Products



AD7869JN
ADI (Analog Devices, Inc.)



AD7868BRZ
Analog Devices Inc.
IC INTERFACE SPECIALIZED 28SOIC



AD7869JR
Analog Devices Inc.
IC I/O PORT 14BIT ANLG 28-SOIC



AD7871JN
Analog Devices Inc.
IC ADC 14BIT SAMPLING 28-DIP



AD7870JNZ
Analog Devices Inc.
IC ADC 12BIT SAR 24DIP



AD7866ARUZ-REEL
Analog Devices Inc.
IC ADC 12BIT SAR 20TSSOP



AD7871JP-REEL
Analog Devices Inc.
IC ADC 14BIT SAR 28PLCC



AD7870JP
Analog Devices Inc.
IC ADC 12BIT SAR 28PLCC



AD7870KN
Analog Devices Inc.
IC ADC 12BIT SAR 24DIP



AD7870CQ
Analog Devices Inc.
IC ADC 12BIT SAR 24CDIP



AD7871JPZ-REEL
Analog Devices Inc.
IC ADC 14BIT SAR 28PLCC



AD7868AN
Analog Devices Inc.
IC INTERFACE SPECIALIZED 24DIP



AD7870KP
Analog Devices Inc.
IC ADC 12BIT SAMPLING 3V 28-PLCC



AD7871JP
Analog Devices Inc.
IC ADC 14BIT SAR 28PLCC



AD7866BRUZ
Analog Devices Inc.
IC ADC 12BIT SAR 20TSSOP



AD7871KN
Analog Devices Inc.
IC ADC 14BIT 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.



Your Faithful Supply Chain Partner -

- Efficient Supply Management
- Cost-Saving Procurement
- Fast Sourcing & Delivery

Contact us if you have any questions.

- Phone
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- Email
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Certifications & Memberships



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