



Image may be representation.
See specifications for product details.



AD7887ARZ-REEL7

Manufacturer Part Number	AD7887ARZ-REEL7
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD7887ARZ-REEL7
ECAD Model	Request Free CAD Models
Parts Description	IC ADC 12BIT SAR 8SOIC
Package	8-SOIC (0.154', 3.90mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD7887ARZ-REEL7 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7887ARZ-REEL7 datasheet/specifications on AllelcoElec.com.
Request a quote for AD7887ARZ-REEL7, please send us email: info@allelco.com

Specifications

AD7887ARZ-REEL7 Tech Specifications

AD7887ARZ-REEL7 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Number of Inputs	1, 2
Voltage - Supply, Digital	2.7V ~ 5.25V	Number of Bits	12
Voltage - Supply, Analog	2.7V ~ 5.25V	Number of A/D Converters	1
Supplier Device Package	8-SOIC	Mounting Type	Surface Mount
Series	-	Input Type	Single Ended
Sampling Rate (Per Second)	125k	Features	-
Reference Type	External, Internal	Data Interface	SPI, DSP
Ratio - S/H:ADC	1:1	Configuration	MUX-S/H-ADC
Package / Case	8-SOIC (0.154', 3.90mm Width)	Base Product Number	AD7887
Package	Tape & Reel (TR)	Architecture	SAR
Operating Temperature	-40°C ~ 125°C		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD7887ARZ-REEL7

Product Attribute				
Part Number	AD7887ARZ-REEL7	AD7887BRZ-REEL	AD7887ARMZ	AD7888ARUZ-REEL7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Sampling Rate (Per Second)	125k	125k	125k	125k
Base Product Number	AD7887	AD7887	AD7887	AD7888
Package / Case	8-SOIC (0.154', 3.90mm Width)	8-SOIC (0.154', 3.90mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	16-TSSOP (0.173', 4.40mm Width)
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 105°C
Number of Bits	12	12	12	12
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Data Interface	SPI, DSP	SPI, DSP	SPI, DSP	SPI, DSP
Architecture	SAR	SAR	SAR	SAR
Voltage - Supply, Analog	2.7V ~ 5.25V	2.7V ~ 5.25V	2.7V ~ 5.25V	2.7V ~ 5.25V
Voltage - Supply, Digital	2.7V ~ 5.25V	2.7V ~ 5.25V	2.7V ~ 5.25V	2.7V ~ 5.25V
Number of A/D Converters	1	1	1	1
Supplier Device Package	8-SOIC	8-SOIC	8-MSOP	16-TSSOP
Reference Type	External, Internal	External, Internal	External, Internal	External, Internal
Configuration	MUX-S/H-ADC	MUX-S/H-ADC	MUX-S/H-ADC	MUX-S/H-ADC
Ratio - S/H:ADC	1:1	1:1	1:1	1:1
Features	-	-	-	-
Series	-	-	-	-
Number of Inputs	1, 2	1, 2	1, 2	8
Input Type	Single Ended	Single Ended	Single Ended	Single Ended
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

AD7887ARZ-REEL7 Datasheet PDF

Download AD7887ARZ-REEL7 pdf datasheets and Analog Devices Inc. documentation for AD7887ARZ-REEL7 - Analog Devices Inc..

Datasheets

[Cylindrical Battery Holders.pdf](#)

Other Related Documents

[Tape and Reel Packaging.pdf](#)



Software Calibrated, 1 MHz to 8 GHz, 70 dB RF Powe.pdf

Customers Also Interested in

Recommended Products



AD7887BRZ-REEL
Analog Devices Inc.
IC ADC 12BIT SAR 8SOIC



AD7887ARMZ
Analog Devices Inc.
IC ADC 12BIT SAR 8MSOP



AD7888ARUZ-REEL7
Analog Devices Inc.
IC ADC 12BIT SAR 16TSSOP



AD7888AR
Analog Devices Inc.
IC ADC 12BIT 8CH SRL 16-SOIC



AD7887ARZ
Analog Devices Inc.
IC ADC 12BIT SAR 8SOIC



AD7887ARMZ-REEL
Analog Devices Inc.
IC ADC 12BIT SAR 8MSOP



AD7887WARMZ-RL
Analog Devices Inc.
IC ADC 12BIT SAR 8MSOP



AD7887ARMZ-REEL7
Analog Devices Inc.
IC ADC 12BIT SAR 8MSOP



AD7887ARZ-REEL
Analog Devices Inc.
IC ADC 12BIT SAR 8SOIC



AD7887WARMZ
Analog Devices Inc.
IC ADC 12BIT SAR 8MSOP



AD7887AR+
ADI (Analog Devices, Inc.)



AD7887ARM
Analog Devices Inc.
IC ADC 12BIT SAR 8MSOP



AD7888ARUZ
Analog Devices Inc.
IC ADC 12BIT SAR 16TSSOP



AD7888ARU-REEL
Analog Devices Inc.
IC ADC 12BIT SAR 16TSSOP



AD7888ARU-REEL7
Analog Devices Inc.
IC ADC 12BIT SAR 16TSSOP



AD7888ARUZ-REEL
Analog Devices Inc.
IC ADC 12BIT SAR 16TSSOP



AD7887ARM-REEL7
Analog Devices Inc.
IC ADC 12BIT SAR 8MSOP



AD7887BR-REEL7
Analog Devices Inc.
IC ADC 12BIT SAR 8SOIC

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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