



Image may be representation.
See specifications for product details.



AD7887ARM

Manufacturer Part Number	AD7887ARM
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD7887ARM
ECAD Model	Request Free CAD Models
Parts Description	IC ADC 12BIT SAR 8MSOP
Package	8-TSSOP, 8-MSOP (0.118', 3.00mm Width)
Data sheet	Cylindrical Battery Holders.pdf

Get a Quote

AD7887ARM - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7887ARM datasheet/specifications on AllelcoElec.com.
Request a quote for AD7887ARM, please send us email: info@allelco.com

Specifications

AD7887ARM Tech Specifications
AD7887ARM - 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-MSOP	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-TSSOP, 8-MSOP (0.118', 3.00mm Width)	Base Product Number	AD7887
Package	Tube	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. AD7887ARM

Product Attribute				
Part Number	AD7887ARM	AD7886JP	AD7887ARZ-REEL7	AD7887ARZ-REEL
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Features	-	-	-	-
Sampling Rate (Per Second)	125k	750k	125k	125k
Supplier Device Package	8-MSOP	28-PLCC (11.51x11.51)	8-SOIC	8-SOIC
Series	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of A/D Converters	1	1	1	1
Package	Tube	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Data Interface	SPI, DSP	Parallel	SPI, DSP	SPI, DSP
Operating Temperature	-40°C ~ 125°C	0°C ~ 70°C	-40°C ~ 125°C	-40°C ~ 125°C
Number of Bits	12	12	12	12
Input Type	Single Ended	Single Ended	Single Ended	Single Ended
Configuration	MUX-S/H-ADC	S/H-ADC	MUX-S/H-ADC	MUX-S/H-ADC
Voltage - Supply, Digital	2.7V ~ 5.25V	±5V	2.7V ~ 5.25V	2.7V ~ 5.25V
Voltage - Supply, Analog	2.7V ~ 5.25V	±5V	2.7V ~ 5.25V	2.7V ~ 5.25V
Ratio - S/H:ADC	1:1	1:1	1:1	1:1
Base Product Number	AD7887	AD7886	AD7887	AD7887
Number of Inputs	1, 2	2	1, 2	1, 2
Package / Case	8-TSSOP, 8-MSOP (0.118', 3.00mm Width)	28-LCC (J-Lead)	8-SOIC (0.154', 3.90mm Width)	8-SOIC (0.154', 3.90mm Width)
Reference Type	External, Internal	External	External, Internal	External, Internal
Architecture	SAR	Flash	SAR	SAR

AD7887ARM Datasheet PDF

Download AD7887ARM pdf datasheets and Analog Devices Inc. documentation for AD7887ARM - Analog Devices Inc..

Datasheets

Cylindrical Battery Holders.pdf

PCN Assembly/Origin



















2.73KHz.pdf



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

Customers Also Interested in

Recommended Products

 AD7886SD ADI (Analog Devices, Inc.)	 AD7886JP Analog Devices Inc. IC ADC 12BIT FLASH 28PLCC	 AD7886JJ ADI (Analog Devices, Inc.)	 AD7887ARZ-REEL7 Analog Devices Inc. IC ADC 12BIT SAR 8SOIC	 AD7886KJ ADI (Analog Devices, Inc.)	 AD7887ARZ-REEL Analog Devices Inc. IC ADC 12BIT SAR 8SOIC
 AD7884AP-REEL Analog Devices Inc. IC ADC 16BIT SAMPLING HS 44-PLCC	 AD7887ARZ Analog Devices Inc. IC ADC 12BIT SAR 8SOIC	 AD7887ARMZ-REEL Analog Devices Inc. IC ADC 12BIT SAR 8MSOP	 AD7884AQ Analog Devices Inc. IC ADC 16BIT FLASH 40CERDIP	 AD7887AR Analog Devices Inc. IC ADC 12BIT SAR 8SOIC	 AD7887BR-REEL7 Analog Devices Inc. IC ADC 12BIT SAR 8SOIC
 AD7887ARMZ-REEL7 Analog Devices Inc. IC ADC 12BIT SAR 8MSOP	 AD7886JD Analog Devices Inc. IC ADC 12BIT FLASH 28CDIP	 AD7887ARMZ Analog Devices Inc. IC ADC 12BIT SAR 8MSOP	 AD7885AQ ADI (Analog Devices, Inc.)	 AD7887ARM-REEL7 Analog Devices Inc. IC ADC 12BIT SAR 8MSOP	 AD7887AR+ 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.



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Contact us if you have any questions.

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