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See specifications for product details.



AD7980ARMZRL7

Manufacturer Part Number	AD7980ARMZRL7
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD7980ARMZRL7
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC ADC 16BIT SAR 10MSOP
Package	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)
Data sheet	AD7980.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD7980ARMZRL7 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7980ARMZRL7 datasheet/specifications on AllelcoElec.com.
Request a quote for AD7980ARMZRL7, please send us email: info@allelco.com

Specifications

AD7980ARMZRL7 Tech Specifications
AD7980ARMZRL7 - 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	2.375V ~ 2.625V	Number of Bits	16
Voltage - Supply, Analog	2.375V ~ 2.625V	Number of A/D Converters	1
Supplier Device Package	10-MSOP	Mounting Type	Surface Mount
Series	PuISAR®	Input Type	Pseudo-Differential
Sampling Rate (Per Second)	1M	Features	-
Reference Type	External	Data Interface	SPI, DSP
Ratio - S/H:ADC	1:1	Configuration	S/H-ADC
Package / Case	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	Base Product Number	AD7980
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. AD7980ARMZRL7

Product Attribute				
Part Number	AD7980ARMZRL7	AD7980ARMZ	AD7980ACPZ-RL7	AD7980BRMZRL7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Number of Bits	16	16	16	16
Voltage - Supply, Digital	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V
Ratio - S/H:ADC	1:1	1:1	1:1	1:1
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Features	-	-	-	-
Series	PuISAR®	PuISAR®	PuISAR®	PuISAR®
Voltage - Supply, Analog	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V
Base Product Number	AD7980	AD7980	AD7980	AD7980
Supplier Device Package	10-MSOP	10-MSOP	10-LFCSP-WD (3x3)	10-MSOP
Data Interface	SPI, DSP	SPI, DSP	SPI, DSP	SPI, DSP
Package / Case	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	10-VDFN Exposed Pad, CSP	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)
Reference Type	External	External	External	External
Architecture	SAR	SAR	SAR	SAR
Number of A/D Converters	1	1	1	1
Sampling Rate (Per Second)	1M	1M	1M	1M
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Configuration	S/H-ADC	S/H-ADC	S/H-ADC	S/H-ADC
Input Type	Pseudo-Differential	Pseudo-Differential	Pseudo-Differential	Pseudo-Differential
Number of Inputs	1	1	1	1

AD7980ARMZRL7 Datasheet PDF

Download AD7980ARMZRL7 pdf datasheets and Analog Devices Inc. documentation for AD7980ARMZRL7 - Analog Devices Inc..

Datasheets

[AD7980.pdf](#)

Other Related Documents

[Tape and Reel Packaging.pdf](#)

[Rarely Asked Questions—Issue 163.pdf](#)



Assembly Site Chg 26/Jan/2016.pdf

Customers Also Interested in

Recommended Products



AD797BRZ-REEL
Analog Devices Inc.
IC OPAMP GP 1 CIRCUIT 8SOIC



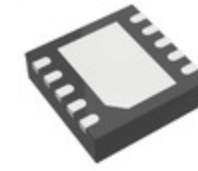
AD7980BCPZ-RL7
Linear Technology
ADC, SUCCESSIVE APPROXIMATION,
1



AD7980ARMZ-RL7
ADI (Analog Devices, Inc.)
IC ADC 16BIT SAR 10MSOP



AD7980ARMZ
Analog Devices Inc.
IC ADC 16BIT SAR 10MSOP



AD7980ACPZ-RL7
Analog Devices Inc.
IC ADC 16BIT SAR 10LFCSP



AD7980BRMZRL7
Analog Devices Inc.
IC ADC 16BIT SAR 10MSOP



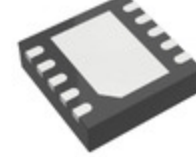
AD7980BCPZ
ADI (Analog Devices, Inc.)
IC ADC 16BIT SAR 10MSOP



AD797JN
ADI (Analog Devices, Inc.)
IC OPAMP GP 1 CIRCUIT 8SOIC



AD7980BRMZ
Analog Devices Inc.
IC ADC 16BIT SAR 10MSOP



AD7982BCPZ-RL7
Analog Devices Inc.
IC ADC 18BIT SAR 10LFCSP



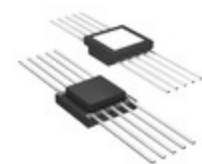
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Analog Devices Inc.
IC ADC 16BIT SAR 10MSOP



AD797BRZ
Analog Devices Inc.
IC OPAMP GP 1 CIRCUIT 8SOIC



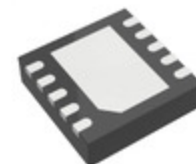
AD7980ACPZ
ADI (Analog Devices, Inc.)
IC ADC 16BIT SAR 10LFCSP



AD7981HFZ
Analog Devices Inc.
IC ADC 16BIT SAR 10FLATPACK



AD797BRZ-REEL7
Analog Devices Inc.
IC OPAMP GP 1 CIRCUIT 8SOIC



AD7980BCPZ-RL7
Analog Devices Inc.
IC ADC 16BIT SAR 10LFCSP



AD7980ARMZ(C5X)
ADI (Analog Devices, Inc.)
IC ADC 16BIT SAR 10MSOP



AD7982BCPZ
ADI (Analog Devices, Inc.)
IC ADC 18BIT SAR 10LFCSP

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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Certifications & Memberships



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