



Image may be representation.
See specifications for product details.



AD7685ARMZ

Manufacturer Part Number	AD7685ARMZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD7685ARMZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC ADC 16BIT SAR 10MSOP
Package	10-TFSOP, 10-MSOP (0.118', 3.00mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD7685ARMZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7685ARMZ datasheet/specifications on AllelcoElec.com.
Request a quote for AD7685ARMZ, please send us email: info@allelco.com

Specifications

AD7685ARMZ Tech Specifications

AD7685ARMZ - 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	2.3V ~ 5.5V	Number of Bits	16
Voltage - Supply, Analog	2.3V ~ 5.5V	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)	250k	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	AD7685
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. AD7685ARMZ

Product Attribute				
Part Number	AD7685ARMZ	AD7685BRMZRL7	AD7685ACPZRL7	AD7685ARMZRL7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
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)
Series	PuISAR®	PuISAR®	PuISAR®	PuISAR®
Base Product Number	AD7685	AD7685	AD7685	AD7685
Supplier Device Package	10-MSOP	10-MSOP	10-LFCSP-WD (3x3)	10-MSOP
Configuration	S/H-ADC	S/H-ADC	S/H-ADC	S/H-ADC
Number of Inputs	1	1	1	1
Voltage - Supply, Digital	2.3V ~ 5.5V	2.3V ~ 5.5V	2.3V ~ 5.5V	2.3V ~ 5.5V
Voltage - Supply, Analog	2.3V ~ 5.5V	2.3V ~ 5.5V	2.3V ~ 5.5V	2.3V ~ 5.5V
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Architecture	SAR	SAR	SAR	SAR
Features	-	-	-	-
Ratio - S/H:ADC	1:1	1:1	1:1	1:1
Number of A/D Converters	1	1	1	1
Data Interface	SPI, DSP	SPI, DSP	SPI, DSP	SPI, DSP
Number of Bits	16	16	16	16
Sampling Rate (Per Second)	250k	250k	250k	250k
Input Type	Pseudo-Differential	Pseudo-Differential	Pseudo-Differential	Pseudo-Differential
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Reference Type	External	External	External	External

AD7685ARMZ Datasheet PDF

Download AD7685ARMZ pdf datasheets and Analog Devices Inc. documentation for AD7685ARMZ - Analog Devices Inc..

Datasheets

[Cylindrical Battery Holders.pdf](#)



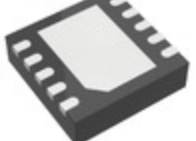















Design Resources

[Integrated Device Power Supply for PAD with Output.pdf](#)

[Parametric Measurement Unit and Supporting Compone.pdf](#)

Customers Also Interested in

Recommended Products

 AD7685BRMZRL7 Analog Devices Inc. IC ADC 16BIT SAR 10MSOP	 AD7683BRMZ-RL7 ADI (Analog Devices, Inc.)	 AD7685ACPZRL7 Analog Devices Inc. IC ADC 16BIT SAR 10LFCSP	 AD7685BRM ADI (Analog Devices, Inc.)	 AD7685ARMZRL7 Analog Devices Inc. IC ADC 16BIT SAR 10MSOP	 AD7685BRMZ Analog Devices Inc. IC ADC 16BIT SAR 10MSOP
 AD7683BRMZ(C38) ADI (Analog Devices, Inc.)	 AD7685BCPZ ADI (Analog Devices, Inc.)	 AD7684BRMZRL7 Analog Devices Inc. IC ADC 16BIT SAR 8MSOP	 AD7683BRMZRL7 Analog Devices Inc. IC ADC 16BIT SAR 8MSOP	 AD7683BRMZ-REEL7 ADI (Analog Devices, Inc.)	 AD7685BCPZRL7 Analog Devices Inc. IC ADC 16BIT SAR 10LFCSP
 AD7685BRMZ(C3D) ADI (Analog Devices, Inc.)	 AD7685ACPZ ADI (Analog Devices, Inc.)	 AD7685CCPZ ADI (Analog Devices, Inc.)	 AD7684BRMZ Analog Devices Inc. IC ADC 16BIT SAR 8MSOP	 AD7684BRMZ-REEL7 ADI (Analog Devices, Inc.)	 AD7685BRMZ-RL7 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

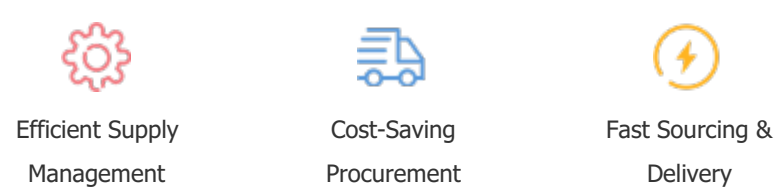
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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