



Image may be representation.
See specifications for product details.



AD7684BRMZRL7

Manufacturer Part Number	AD7684BRMZRL7
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD7684BRMZRL7
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC ADC 16BIT SAR 8MSOP
Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD7684BRMZRL7 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7684BRMZRL7 datasheet/specifications on AllelcoElec.com.
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Specifications

AD7684BRMZRL7 Tech Specifications
AD7684BRMZRL7 - 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	2.7V ~ 5.5V	Number of Bits	16
Voltage - Supply, Analog	2.7V ~ 5.5V	Number of A/D Converters	1
Supplier Device Package	8-MSOP	Mounting Type	Surface Mount
Series	PuISAR®	Input Type	Differential
Sampling Rate (Per Second)	100k	Features	-
Reference Type	External	Data Interface	SPI, DSP
Ratio - S/H:ADC	1:1	Configuration	S/H-ADC
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Base Product Number	AD7684
Package	Tape & Reel (TR)	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. AD7684BRMZRL7

Product Attribute				
Part Number	AD7684BRMZRL7	AD7685BRMZ	AD7685BCPZRL7	AD7683BRMZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Series	PuISAR®	PuISAR®	PuISAR®	PuISAR®
Ratio - S/H:ADC	1:1	1:1	1:1	1:1
Data Interface	SPI, DSP	SPI, DSP	SPI, DSP	SPI, DSP
Number of Inputs	1	1	1	1
Sampling Rate (Per Second)	100k	250k	250k	100k
Configuration	S/H-ADC	S/H-ADC	S/H-ADC	S/H-ADC
Supplier Device Package	8-MSOP	10-MSOP	10-LFCSP-WD (3x3)	8-MSOP
Number of A/D Converters	1	1	1	1
Features	-	-	-	-
Base Product Number	AD7684	AD7685	AD7685	AD7683
Voltage - Supply, Digital	2.7V ~ 5.5V	2.3V ~ 5.5V	2.3V ~ 5.5V	2.7V ~ 5.5V
Input Type	Differential	Pseudo-Differential	Pseudo-Differential	Pseudo-Differential
Reference Type	External	External	External	External
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Bits	16	16	16	16
Architecture	SAR	SAR	SAR	SAR
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	10-VDFN Exposed Pad, CSP	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Voltage - Supply, Analog	2.7V ~ 5.5V	2.3V ~ 5.5V	2.3V ~ 5.5V	2.7V ~ 5.5V
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tube

AD7684BRMZRL7 Datasheet PDF

Download AD7684BRMZRL7 pdf datasheets and Analog Devices Inc. documentation for AD7684BRMZRL7 - Analog Devices Inc..

Datasheets



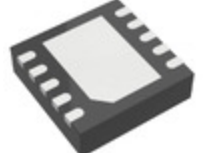










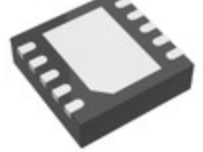
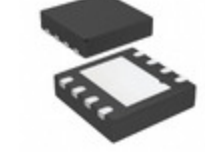
Cylindrical Battery Holders.pdf

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Tape and Reel Packaging.pdf

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 AD7683BRMZ(C38) ADI (Analog Devices, Inc.)	 AD7685ACPZ ADI (Analog Devices, Inc.)	 AD7685BCPZ ADI (Analog Devices, Inc.)	 AD7685BRMZ Analog Devices Inc. IC ADC 16BIT SAR 10MSOP	 AD7685BCPZRL7 Analog Devices Inc. IC ADC 16BIT SAR 10LFCSP	 AD7683BCPZ ADI (Analog Devices, Inc.)
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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 Alleco 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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-  Cost-Saving Procurement
-  Fast Sourcing & Delivery

Contact us if you have any questions.

-  Phone
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Certifications & Memberships



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