

Image may be representation.
See specifications for product details.



AD7689ACPZRL7

Manufacturer Part Number	AD7689ACPZRL7
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD7689ACPZRL7
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC ADC 16BIT SAR 20LFCSP
Package	20-WFQFN Exposed Pad, CSP
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD7689ACPZRL7 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7689ACPZRL7 datasheet/specifications on AllelcoElec.com.
Request a quote for AD7689ACPZRL7, please send us email: info@allelco.com

Specifications

AD7689ACPZRL7 Tech Specifications
AD7689ACPZRL7 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Number of Inputs	8
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	20-LFCSP (4x4)	Mounting Type	Surface Mount
Series	PuISAR®	Input Type	Differential, Pseudo-Differential, Single Ended
Sampling Rate (Per Second)	250k	Features	Temperature Sensor
Reference Type	External, Internal	Data Interface	SPI, DSP
Ratio - S/H:ADC	1:1	Configuration	MUX-S/H-ADC
Package / Case	20-WFQFN Exposed Pad, CSP	Base Product Number	AD7689
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. AD7689ACPZRL7

Product Attribute				
Part Number	AD7689ACPZRL7	AD7690BCPZ-R2	AD7690BCPZRL7	AD7689BCBZ-RL7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Voltage - Supply, Analog	2.3V ~ 5.5V	-	5V	2.3V ~ 5.5V
Series	PuISAR®	PuISAR®	PuISAR®	-
Base Product Number	AD7689	AD7690	AD7690	AD7689
Configuration	MUX-S/H-ADC	-	S/H-ADC	MUX-S/H-ADC
Number of A/D Converters	1	-	1	1
Ratio - S/H:ADC	1:1	-	1:1	1:1
Supplier Device Package	20-LFCSP (4x4)	10-LFCSP-WD (3x3)	10-LFCSP-WD (3x3)	20-WLCSP (2.39x2.39)
Features	Temperature Sensor	-	-	Temperature Sensor
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Sampling Rate (Per Second)	250k	-	400k	250k
Number of Inputs	8	-	1	8
Number of Bits	16	-	18	16
Input Type	Differential, Pseudo-Differential, Single Ended	-	Differential	Differential, Pseudo-Differential, Single Ended
Voltage - Supply, Digital	2.3V ~ 5.5V	-	5V	1.8V ~ 5.5V
Data Interface	SPI, DSP	-	SPI, DSP	SPI, DSP
Package / Case	20-WFQFN Exposed Pad, CSP	10-VDFN Exposed Pad, CSP	10-VDFN Exposed Pad, CSP	20-UFBGA, WLCSP
Operating Temperature	-40°C ~ 85°C	-	-40°C ~ 85°C	-40°C ~ 85°C
Architecture	SAR	-	SAR	SAR
Reference Type	External, Internal	-	External	External, Internal
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

AD7689ACPZRL7 Datasheet PDF

Download AD7689ACPZRL7 pdf datasheets and Analog Devices Inc. documentation for AD7689ACPZRL7 - Analog Devices Inc..

Datasheets

[Cylindrical Battery Holders.pdf](#)

Other Related Documents

[Tape and Reel Packaging.pdf](#)

[ADI Programmable Log Controller Solutions.pdf](#)

PCN Design/Specification

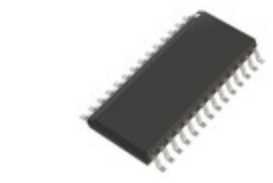
 Cylindrical Battery Holders.pdf

PCN Assembly/Origin

 2.73KHz.pdf

Customers Also Interested in

Recommended Products



AD768ARZ

Analog Devices Inc.
IC DAC 16BIT A-OUT 28SOIC



AD768ARZ-REEL

Analog Devices Inc.
IC DAC 16BIT A-OUT 28SOIC



AD7688BRMZ(C3K)

ADI (Analog Devices, Inc.)



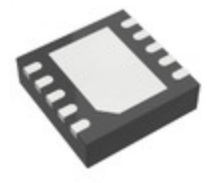
AD7690BCPZ

ADI (Analog Devices, Inc.)



AD7687BRMZ-REEL7

ADI (Analog Devices, Inc.)



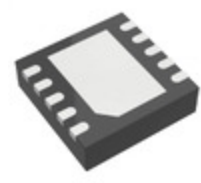
AD7690BCPZ-R2

Analog Devices Inc.
IC ADC 18BIT 10LFCSP



AD7690BCPZ-RL7

ADI (Analog Devices, Inc.)



AD7690BCPZRL7

Analog Devices Inc.
IC ADC 18BIT SAR 10LFCSP



AD7689BCBZ-RL7

Analog Devices Inc.
IC ADC 16BIT SAR 20WLCSP



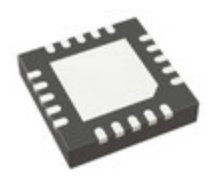
AD7687BRMZRL7

Analog Devices Inc.
IC ADC 16BIT SAR 10MSOP



AD7687BRMZ

Analog Devices Inc.
IC ADC 16BIT SAR 10MSOP



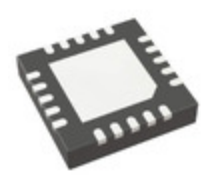
AD7689ACPZ

Analog Devices Inc.
IC ADC 16BIT SAR 20LFCSP



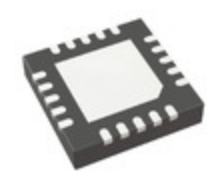
AD768AR

Analog Devices Inc.
IC DAC 16BIT A-OUT 28SOIC



AD7689BCPZ

Analog Devices Inc.
IC ADC 16BIT SAR 20LFCSP



AD7689BCPZRL7

Analog Devices Inc.
IC ADC 16BIT SAR 20LFCSP



AD7688BRMZ-REEL7

ADI (Analog Devices, Inc.)



AD7688BRMZ

Analog Devices Inc.
IC ADC 16BIT SAR 10MSOP



AD7686CRMZRL7

Analog Devices Inc.
IC ADC 16BIT SAR 10MSOP

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

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



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