



Image may be representation.
See specifications for product details.



AD7768-4BSTZ

Manufacturer Part Number	AD7768-4BSTZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD7768-4BSTZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC ADC 24BIT SIGMA-DELTA 64LQFP
Package	64-LQFP
Data sheet	AD7768,68-4.pdf AD7768,68-4.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD7768-4BSTZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7768-4BSTZ datasheet/specifications on AllelcoElec.com.
Request a quote for AD7768-4BSTZ, please send us email: info@allelco.com

Specifications

AD7768-4BSTZ Tech Specifications

AD7768-4BSTZ - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Number of Inputs	4
Voltage - Supply, Digital	-	Number of Bits	24
Voltage - Supply, Analog	2V ~ 5.5V	Number of A/D Converters	4
Supplier Device Package	64-LQFP (10x10)	Mounting Type	Surface Mount
Series	-	Input Type	Differential
Sampling Rate (Per Second)	256k	Features	Simultaneous Sampling
Reference Type	External	Data Interface	SPI
Ratio - S/H:ADC	-	Configuration	ADC
Package / Case	64-LQFP	Base Product Number	AD7768
Package	Tray	Architecture	Sigma-Delta
Operating Temperature	-40°C ~ 105°C		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD7768-4BSTZ

Product Attribute				
Part Number	AD7768-4BSTZ	AD7766BRUZ-RL7	AD7768-4BSTZ-RL7	AD7770ACPZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Ratio - S/H:ADC	-	-	-	1:1
Supplier Device Package	64-LQFP (10x10)	16-TSSOP	64-LQFP (10x10)	64-LFCSP (9x9)
Sampling Rate (Per Second)	256k	128k	256k	32k
Number of Bits	24	24	24	24
Package	Tray	Tape & Reel (TR)	Tape & Reel (TR)	Tray
Architecture	Sigma-Delta	SAR	Sigma-Delta	Sigma-Delta
Series	-	-	-	-
Voltage - Supply, Digital	-	2.5V	-	-
Number of Inputs	4	1	4	8
Operating Temperature	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 125°C
Base Product Number	AD7768	AD7766	AD7768	AD7770
Features	Simultaneous Sampling	-	Simultaneous Sampling	PGA, Simultaneous Sampling
Reference Type	External	External	External	External, Internal
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of A/D Converters	4	1	4	8
Package / Case	64-LQFP	16-TSSOP (0.173", 4.40mm Width)	64-LQFP	64-WFQFN Exposed Pad, CSP
Data Interface	SPI	SPI	SPI	SPI
Input Type	Differential	Differential	Differential	Differential, Single Ended
Configuration	ADC	ADC	ADC	MUX-PGA-ADC
Voltage - Supply, Analog	2V ~ 5.5V	2.5V	2V ~ 5.5V	2.2V ~ 3.6V

AD7768-4BSTZ Datasheet PDF

Download AD7768-4BSTZ pdf datasheets and Analog Devices Inc. documentation for AD7768-4BSTZ - Analog Devices Inc..

Datasheets

AD7768,68-4.pdf

PCN Assembly/Origin

Assembly Relocation Rev 08/Aug/2016.pdf

Other Related Documents



Manipulating MCU SPI Interface to Access a Nonstan.pdf



Functional Safety in a Data Acquisition System.pdf

HTML Datasheet



AD7768,68-4.pdf

Customers Also Interested in

Recommended Products



AD7766BRUZ-RL7

Analog Devices Inc.
IC ADC 24BIT SAR 16TSSOP



AD776AQ

ADI (Analog Devices, Inc.)



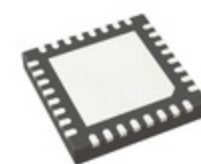
AD7768-4BSTZ-RL7

Analog Devices Inc.
IC ADC 24BIT SIGMA-DELTA 64LQFP



AD776AQ+

ADI (Analog Devices, Inc.)



AD7770ACPZ

Analog Devices Inc.
IC ADC 24BIT SIGMA-DELTA 64LFCSP



AD7767BRUZ

Analog Devices Inc.
IC ADC 24BIT SAR 16TSSOP



AD7769JP

Analog Devices Inc.
8-BIT SAR ADC, 2 CHANNEL



AD7767BRUZ-2

Analog Devices Inc.
IC ADC 24BIT SAR 16TSSOP



AD7766BRUZ-2-RL7

Analog Devices Inc.
IC ADC 24BIT SAR 16TSSOP



AD7767BRUZ-2-RL7

Analog Devices Inc.
IC ADC 24BIT SAR 16TSSOP



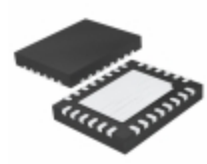
AD7767BRUZ-1

Analog Devices Inc.
IC ADC 24BIT SAR 16TSSOP



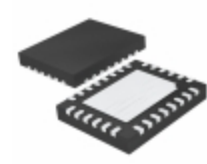
AD7768BSTZ

Analog Devices Inc.
IC ADC 24BIT SIGMA-DELTA 64LQFP



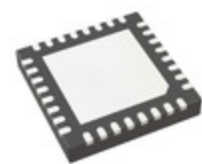
AD7768-1BCPZ-RL7

Analog Devices Inc.
IC ADC 24BIT SIGMA-DELTA 28LFCSP



AD7768-1BCPZ

Analog Devices Inc.
IC ADC 24BIT SIGMA-DELTA 28LFCSP



AD7771BCPZ

Analog Devices Inc.
IC ADC 24BIT SIGMA-DELTA 64LFCSP



AD7767BRUZ-RL7

Analog Devices Inc.
IC ADC 24BIT SAR 16TSSOP



AD7767BRUZ-1-RL7

Analog Devices Inc.
IC ADC 24BIT SAR 16TSSOP



AD7768BSTZ-RL

Analog Devices Inc.
IC ADC 24BIT SIGMA-DELTA 64LQFP

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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