



Image may be representation.  
See specifications for product details.



## AD7664ASTZ

Manufacturer Part Number	<b>AD7664ASTZ</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD7664ASTZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC ADC 16BIT SAR 48LQFP
Package	48-LQFP
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

AD7664ASTZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7664ASTZ datasheet/specifications on AllelcoElec.com.  
Request a quote for AD7664ASTZ, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD7664ASTZ Tech Specifications

AD7664ASTZ - 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	5V	Number of Bits	16
Voltage - Supply, Analog	5V	Number of A/D Converters	1
Supplier Device Package	48-LQFP (7x7)	Mounting Type	Surface Mount
Series	PuISAR®	Input Type	Pseudo-Differential
Sampling Rate (Per Second)	570k	Features	-
Reference Type	External	Data Interface	SPI, Parallel, DSP
Ratio - S/H:ADC	1:1	Configuration	S/H-ADC
Package / Case	48-LQFP	Base Product Number	AD7664
Package	Tray	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. AD7664ASTZ

Product Attribute				
Part Number	AD7664ASTZ	AD7665AST	AD7665ASTZRL	AD7663ASTZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Features	-	-	True Bipolar	True Bipolar
Number of Inputs	1	-	1	1
Voltage - Supply, Analog	5V	-	5V	5V
Series	PuISAR®	PuISAR®	PuISAR®	PuISAR®
Ratio - S/H:ADC	1:1	-	1:1	1:1
Data Interface	SPI, Parallel, DSP	-	SPI, Parallel, DSP	SPI, Parallel, DSP
Supplier Device Package	48-LQFP (7x7)	48-LQFP (7x7)	48-LQFP (7x7)	48-LQFP (7x7)
Number of A/D Converters	1	1	1	1
Package / Case	48-LQFP	48-LQFP	48-LQFP	48-LQFP
Voltage - Supply, Digital	5V	-	5V	5V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Configuration	S/H-ADC	-	S/H-ADC	S/H-ADC
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Number of Bits	16	16	16	16
Reference Type	External	-	External	External
Architecture	SAR	-	SAR	SAR
Base Product Number	AD7664	AD7665	AD7665	AD7663
Input Type	Pseudo-Differential	-	Differential	Differential
Sampling Rate (Per Second)	570k	570k	570k	250k
Package	Tray	Bag	Tape & Reel (TR)	Tray

### AD7664ASTZ Datasheet PDF

Download AD7664ASTZ pdf datasheets and Analog Devices Inc. documentation for AD7664ASTZ - Analog Devices Inc..

#### Datasheets








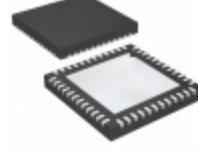
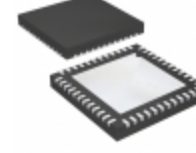

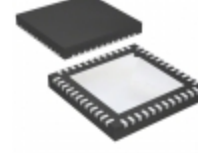
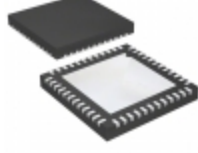





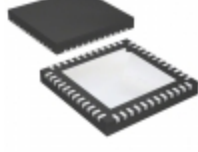
Cylindrical Battery Holders.pdf

#### PCN Assembly/Origin

2.73KHz.pdf

## Customers Also Interested in

### Recommended Products

					
<b>AD7665AST</b> Analog Devices Inc. IC ADC 16BIT CMOS 5V 48-LQFP	<b>AD7665ASTZRL</b> Analog Devices Inc. IC ADC 16BIT SAR 48LQFP	<b>AD7663ASTZ</b> Analog Devices Inc. IC ADC 16BIT SAR 48LQFP	<b>AD7664AST</b> Analog Devices Inc. IC ADC 16BIT UNIPOLAR 48-LQFP	<b>AD7666ASTZRL</b> Analog Devices Inc. IC ADC 16BIT SAR 48LQFP	<b>AD7666ASTZRL</b> Hittite IC ADC 16BIT SAR 48LQFP
					
<b>AD7660ASTZ</b> Analog Devices Inc. IC ADC 16BIT SAR 48LQFP	<b>AD7663ACPZ</b> Analog Devices Inc. IC ADC 16BIT SAR 48LFCSP	<b>AD7661ACPZ</b> Analog Devices Inc. IC ADC 16BIT SAR 48LFCSP	<b>AD7665ASTZ</b> Analog Devices Inc. IC ADC 16BIT SAR 48LQFP	<b>AD7666ACPZ</b> Analog Devices Inc. IC ADC 16BIT SAR 48LFCSP	<b>AD7665ACPZ</b> Analog Devices Inc. IC ADC 16BIT SAR 48LFCSP
					
<b>AD7660AST</b> Analog Devices Inc. IC ADC 16BIT UNIPOLAR 48-LQFP	<b>AD7664ASTZRL</b> Analog Devices Inc. IC ADC 16BIT SAR 48LQFP	<b>AD7666ASTZ</b> Analog Devices Inc. IC ADC 16BIT SAR 48LQFP	<b>AD7658YSTZ-1</b> Analog Devices Inc. IC ADC 12BIT SAR 64LQFP	<b>AD7661ASTZ</b> Analog Devices Inc. IC ADC 16BIT SAR 48LQFP	<b>AD7667ACPZ</b> Analog Devices Inc. IC ADC 16BIT SAR 48LFCSP

## 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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