



Image may be representation.
See specifications for product details.



AD7652ASTZ

Manufacturer Part Number	AD7652ASTZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD7652ASTZ
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC ADC 16BIT SAR 48LQFP
Package	48-LQFP
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD7652ASTZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7652ASTZ datasheet/specifications on AllelcoElec.com.
Request a quote for AD7652ASTZ, please send us email: info@allelco.com

Specifications

AD7652ASTZ Tech Specifications

AD7652ASTZ - 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)	500k	Features	-
Reference Type	External, Internal	Data Interface	SPI, Parallel, DSP
Ratio - S/H:ADC	1:1	Configuration	S/H-ADC
Package / Case	48-LQFP	Base Product Number	AD7652
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. AD7652ASTZ

Product Attribute				
Part Number	AD7652ASTZ	AD7634BCPZ	AD7641BSTZRL	AD7634BSTZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Package	Tray	Tray	Tape & Reel (TR)	Tray
Features	-	-	-	-
Voltage - Supply, Analog	5V	5V	2.37V ~ 2.63V	5V
Sampling Rate (Per Second)	500k	670k	2M	670k
Voltage - Supply, Digital	5V	5V	2.37V ~ 2.63V	5V
Package / Case	48-LQFP	48-VFQFN Exposed Pad, CSP	48-LQFP	48-LQFP
Number of Inputs	1	1	1	1
Data Interface	SPI, Parallel, DSP	SPI, Parallel, DSP	SPI, Parallel, DSP	SPI, Parallel, DSP
Reference Type	External, Internal	External, Internal	External, Internal	External, Internal
Input Type	Pseudo-Differential	Differential	Differential	Differential
Supplier Device Package	48-LQFP (7x7)	48-LFCSP-VQ (7x7)	48-LQFP (7x7)	48-LQFP (7x7)
Series	PuISAR®	iCMOS®, PuISAR®	-	iCMOS®, PuISAR®
Number of A/D Converters	1	1	1	1
Base Product Number	AD7652	AD7634	AD7641	AD7634
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Architecture	SAR	SAR	SAR	SAR
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Number of Bits	16	18	18	18
Configuration	S/H-ADC	S/H-ADC	S/H-ADC	S/H-ADC
Ratio - S/H:ADC	1:1	1:1	1:1	1:1

AD7652ASTZ Datasheet PDF

Download AD7652ASTZ pdf datasheets and Analog Devices Inc. documentation for AD7652ASTZ - Analog Devices Inc..

Datasheets

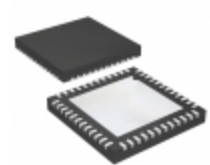
[Cylindrical Battery Holders.pdf](#)

PCN Assembly/Origin

[2.73KHz.pdf](#)

Customers Also Interested in

Recommended Products



AD7634BCPZ
Analog Devices Inc.
IC ADC 18BIT SAR 48LFCSP



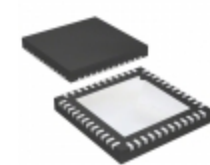
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Analog Devices Inc.
IC ADC 18BIT SAR 48LQFP



AD7634BSTZ
Analog Devices Inc.
IC ADC 18BIT SAR 48LQFP



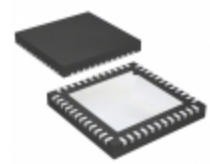
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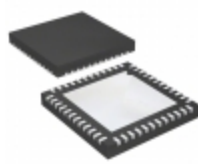
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AD7631BCPZ
Analog Devices Inc.
IC ADC 18BIT SAR 48LFCSP



AD7631BSTZ
Analog Devices Inc.
IC ADC 18BIT SAR 48LQFP



AD7655ACPZ
Analog Devices Inc.
IC ADC 16BIT SAR 48LFCSP



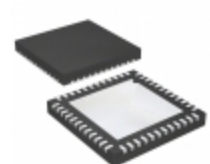
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AD7654ACPZ
Analog Devices Inc.
IC ADC 16BIT SAR 48LFCSP



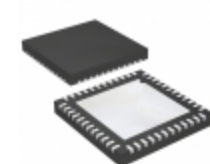
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IC ADC 16BIT SAR 48LQFP



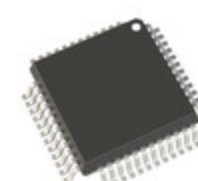
AD7656BSTZ
Analog Devices Inc.
IC ADC 16BIT SAR 64LQFP



AD7656A-1BSTZ
Analog Devices Inc.
IC ADC 16BIT SAR 64LQFP



AD7643BCPZ
Analog Devices Inc.
IC ADC 18BIT SAR 48LFCSP



AD7654ASTZ
Analog Devices Inc.
IC ADC 16BIT SAR 48LQFP

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

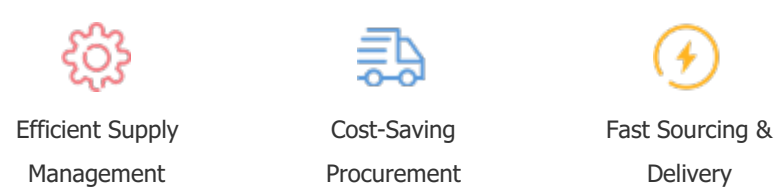
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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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