

Image may be representation.
See specifications for product details.



AD7654ACPZ

Manufacturer Part Number	AD7654ACPZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD7654ACPZ
ECAD Model	Request Free CAD Models
Parts Description	IC ADC 16BIT SAR 48LFCSP
Package	48-VFQFN Exposed Pad, CSP
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD7654ACPZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7654ACPZ datasheet/specifications on AllelcoElec.com.
Request a quote for AD7654ACPZ, please send us email: info@allelco.com

Specifications

AD7654ACPZ Tech Specifications

AD7654ACPZ - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Number of Inputs	2, 4
Voltage - Supply, Digital	5V	Number of Bits	16
Voltage - Supply, Analog	5V	Number of A/D Converters	1
Supplier Device Package	48-LFCSP-VQ (7x7)	Mounting Type	Surface Mount
Series	PuISAR®	Input Type	Pseudo-Differential, Single Ended
Sampling Rate (Per Second)	500k	Features	Simultaneous Sampling
Reference Type	External	Data Interface	SPI, Parallel, DSP
Ratio - S/H:ADC	2:1	Configuration	MUX-S/H-MUX-ADC
Package / Case	48-VFQFN Exposed Pad, CSP	Base Product Number	AD7654
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. AD7654ACPZ

Product Attribute				
Part Number	AD7654ACPZ	AD7634BSTZ	AD7656BSTZ-1	AD7655ACPZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Number of A/D Converters	1	1	6	1
Package / Case	48-VFQFN Exposed Pad, CSP	48-LQFP	64-LQFP	48-VFQFN Exposed Pad, CSP
Data Interface	SPI, Parallel, DSP	SPI, Parallel, DSP	SPI, Parallel, DSP	SPI, Parallel, DSP
Base Product Number	AD7654	AD7634	AD7656	AD7655
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Voltage - Supply, Digital	5V	5V	5V	5V
Number of Bits	16	18	16	16
Reference Type	External	External, Internal	External, Internal	External
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Sampling Rate (Per Second)	500k	670k	250k	1M
Architecture	SAR	SAR	SAR	SAR
Voltage - Supply, Analog	5V	5V	5V	5V
Supplier Device Package	48-LFCSP-VQ (7x7)	48-LQFP (7x7)	64-LQFP (10x10)	48-LFCSP-VQ (7x7)
Configuration	MUX-S/H-MUX-ADC	S/H-ADC	S/H-ADC	MUX-S/H-MUX-ADC
Series	PuISAR®	iCMOS®, PuISAR®	iCMOS®	PuISAR®
Input Type	Pseudo-Differential, Single Ended	Differential	Single Ended	Pseudo-Differential, Single Ended
Features	Simultaneous Sampling	-	Simultaneous Sampling, True Bipolar	Simultaneous Sampling
Ratio - S/H:ADC	2:1	1:1	1:1	2:1
Number of Inputs	2, 4	1	6	2, 4
Package	Tray	Tray	Tray	Tray

AD7654ACPZ Datasheet PDF

Download AD7654ACPZ pdf datasheets and Analog Devices Inc. documentation for AD7654ACPZ - Analog Devices Inc..

Datasheets

[Cylindrical Battery Holders.pdf](#)

PCN Assembly/Origin

[2.73KHz.pdf](#)

Customers Also Interested in

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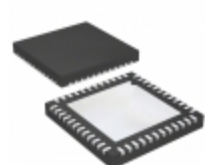
AD7634BSTZ

Analog Devices Inc.
IC ADC 18BIT SAR 48LQFP



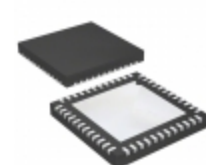
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Analog Devices Inc.
IC ADC 16BIT SAR 64LQFP



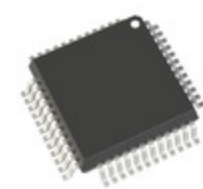
AD7655ACPZ

Analog Devices Inc.
IC ADC 16BIT SAR 48LFCSP



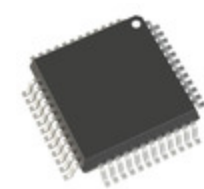
AD7634BCPZ

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IC ADC 18BIT SAR 48LFCSP



AD7655ASTZ

Analog Devices Inc.
IC ADC 16BIT SAR 48LQFP



AD7654ASTZRL

Analog Devices Inc.
IC ADC 16BIT SAR 48LQFP



AD7652ASTZ

Analog Devices Inc.
IC ADC 16BIT SAR 48LQFP



AD7651ASTZ

Analog Devices Inc.
IC ADC 16BIT SAR 48LQFP



AD7654ASTZ

Analog Devices Inc.
IC ADC 16BIT SAR 48LQFP



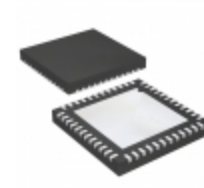
AD7656BSTZ-REEL

Analog Devices Inc.
IC ADC 16BIT SAR 64LQFP



AD7641BSTZ

Analog Devices Inc.
IC ADC 18BIT SAR 48LQFP



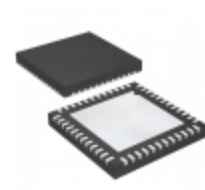
AD7641BCPZ

Analog Devices Inc.
IC ADC 18BIT SAR 48LFCSP



AD7655ASTZRL

Analog Devices Inc.
IC ADC 16BIT SAR 48LQFP



AD7643BCPZ

Analog Devices Inc.
IC ADC 18BIT SAR 48LFCSP



AD7641BSTZRL

Analog Devices Inc.
IC ADC 18BIT SAR 48LQFP



AD7653ASTZ

Analog Devices Inc.
IC ADC 16BIT SAR 48LQFP



AD7656BSTZ

Analog Devices Inc.
IC ADC 16BIT SAR 64LQFP



AD7656A-1BSTZ

Analog Devices Inc.
IC ADC 16BIT SAR 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 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.



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@alleco.com

Certifications & Memberships



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