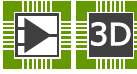





AD9255BCPZ-125

Manufacturer Part Number	AD9255BCPZ-125
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD9255BCPZ-125
ECAD Model	 PCB Symbol, Footprint & 3D Model
Parts Description	IC ADC 14BIT PIPELINED 48LFCSP
Package	48-VFQFN Exposed Pad, CSP
Data sheet	AD9255.pdf AD9255.pdf
RoHS Status	 ROHS3 Compliant



Get a Quote

AD9255BCPZ-125 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD9255BCPZ-125 datasheet/specifications on AllelcoElec.com.
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Specifications



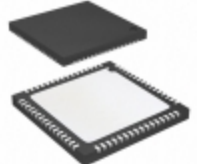

AD9255BCPZ-125 Tech Specifications

AD9255BCPZ-125 - 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	1.7V ~ 1.9V	Number of Bits	14
Voltage - Supply, Analog	1.7V ~ 1.9V	Number of A/D Converters	1
Supplier Device Package	48-LFCSP-VQ (7x7)	Mounting Type	Surface Mount
Series	-	Input Type	Differential
Sampling Rate (Per Second)	125M	Features	-
Reference Type	External, Internal	Data Interface	LVDS - Parallel
Ratio - S/H:ADC	1:1	Configuration	S/H-ADC
Package / Case	48-VFQFN Exposed Pad, CSP	Base Product Number	AD9255
Package	Tray	Architecture	Pipelined
Operating Temperature	-40°C ~ 85°C		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD9255BCPZ-125

Product Attribute				
Part Number	AD9255BCPZ-125	AD9253BCPZ-105	AD9252ABCPZ-50	AD9253BCPZ-80
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Ratio - S/H:ADC	1:1	1:1	1:1	1:1
Number of Bits	14	14	14	14
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	48-LFCSP-VQ (7x7)	48-LFCSP (7x7)	64-LFCSP-VQ (9x9)	48-LFCSP (7x7)
Input Type	Differential	Differential	Differential	Differential
Package	Tray	Tray	Tray	Tray
Number of Inputs	1	4	8	4
Base Product Number	AD9255	AD9253	AD9252	AD9253
Number of A/D Converters	1	4	8	4
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Architecture	Pipelined	Pipelined	Pipelined	Pipelined
Features	-	Simultaneous Sampling	Simultaneous Sampling	Simultaneous Sampling
Voltage - Supply, Analog	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7V ~ 1.9V
Configuration	S/H-ADC	S/H-ADC	S/H-ADC	S/H-ADC
Reference Type	External, Internal	Internal	Internal	Internal
Package / Case	48-VFQFN Exposed Pad, CSP	48-WFQFN Exposed Pad, CSP	64-VFQFN Exposed Pad, CSP	48-WFQFN Exposed Pad, CSP
Voltage - Supply, Digital	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7V ~ 1.9V
Sampling Rate (Per Second)	125M	105M	50M	80M
Series	-	-	-	-
Data Interface	LVDS - Parallel	LVDS - Serial	LVDS - Serial	LVDS - Serial


AD9255BCPZ-125 Datasheet PDF

Download AD9255BCPZ-125 pdf datasheets and Analog Devices Inc. documentation for AD9255BCPZ-125 - Analog Devices Inc..

Datasheets


AD9255.pdf

PCN Assembly/Origin


Mult Changes 09/Jun/2021.pdf

HTML Datasheet

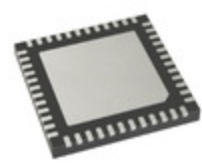
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PCN Design/Specification

 Datasheet Chg 22/Mar/2016.pdf

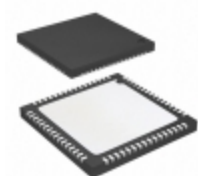
Customers Also Interested in

Recommended Products



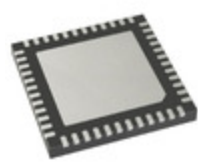
AD9253BCPZ-105

Analog Devices Inc.
IC ADC 14BIT PIPELINED 48LFCSP



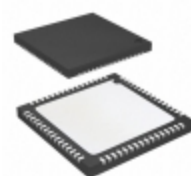
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Analog Devices Inc.
IC ADC 14BIT PIPELINED 64LFCSP



AD9253BCPZ-80

Analog Devices Inc.
IC ADC 14BIT PIPELINED 48LFCSP



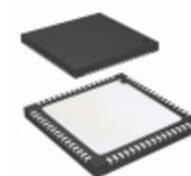
AD9258BCPZ-105

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IC ADC 14BIT PIPELINED 64LFCSP



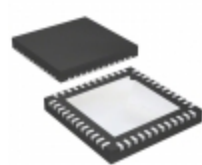
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Analog Devices Inc.
IC ADC 14BIT PIPELINED 48LFCSP



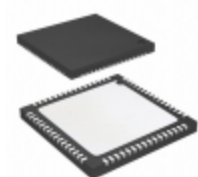
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Analog Devices Inc.
IC ADC 14BIT PIPELINED 64LFCSP



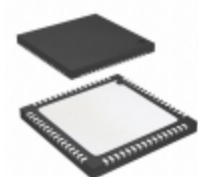
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IC ADC 14BIT PIPELINED 48LFCSP



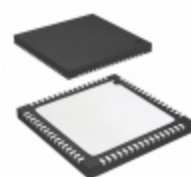
AD9251BCPZRL7-65

Analog Devices Inc.
IC ADC 14BIT PIPELINED 64LFCSP



AD9258BCPZ-80

Analog Devices Inc.
IC ADC 14BIT PIPELINED 64LFCSP



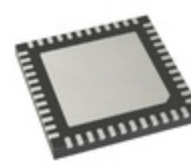
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Analog Devices Inc.
IC ADC 14BIT PIPELINED 64LFCSP



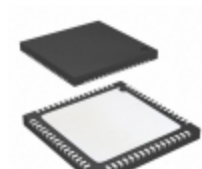
AD9255BCPZ-80

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IC ADC 14BIT PIPELINED 48LFCSP



AD9253BCPZ-125

Analog Devices Inc.
IC ADC 14BIT PIPELINED 48LFCSP



AD9257BCPZ-40

Analog Devices Inc.
IC ADC 14BIT PIPELINED 64LFCSP



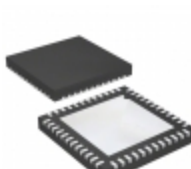
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AD9255BCPZ-105

Analog Devices Inc.
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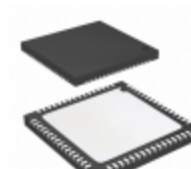
AD9254BCPZ-150

Analog Devices Inc.
IC ADC 14BIT PIPELINED 48LFCSP



AD9255BCPZRL7-125

Analog Devices Inc.
IC ADC 14BIT PIPELINED 48LFCSP



AD9252ABCPZRL7-50

Analog Devices Inc.
IC ADC 14BIT PIPELINED 64LFCSP

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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