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See specifications for product details.



AD9254BCPZ-150

Manufacturer Part Number	AD9254BCPZ-150
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD9254BCPZ-150
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC ADC 14BIT PIPELINED 48LFCSP
Package	48-VFQFN Exposed Pad, CSP
Data sheet	AD9254.pdf
	AD9254.pdf
RoHs Status	ROHS3 Compliant

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Specifications

AD9254BCPZ-150 Tech Specifications

AD9254BCPZ-150 - 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 ~ 3.6V	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)	150M	Features	-
Reference Type	Internal	Data Interface	Parallel
Ratio - S/H:ADC	1:1	Configuration	S/H-ADC
Package / Case	48-VFQFN Exposed Pad, CSP	Base Product Number	AD9254
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. AD9254BCPZ-150

Product Attribute				
Part Number	AD9254BCPZ-150	AD9251BCPZ-80	AD9255BCPZ-105	AD9255BCPZ-80
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Features	-	Simultaneous Sampling	-	-
Package / Case	48-VFQFN Exposed Pad, CSP	64-VFQFN Exposed Pad, CSP	48-VFQFN Exposed Pad, CSP	48-VFQFN Exposed Pad, CSP
Voltage - Supply, Analog	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7V ~ 1.9V
Number of Bits	14	14	14	14
Sampling Rate (Per Second)	150M	80M	105M	80M
Data Interface	Parallel	Parallel	LVDS - Parallel	LVDS - Parallel
Voltage - Supply, Digital	1.7V ~ 3.6V	1.7V ~ 3.6V	1.7V ~ 1.9V	1.7V ~ 1.9V
Configuration	S/H-ADC	S/H-ADC	S/H-ADC	S/H-ADC
Base Product Number	AD9254	AD9251	AD9255	AD9255
Architecture	Pipelined	Pipelined	Pipelined	Pipelined
Number of A/D Converters	1	2	1	1
Ratio - S/H:ADC	1:1	1:1	1:1	1:1
Series	-	-	-	-
Number of Inputs	1	2	1	1
Supplier Device Package	48-LFCSP-VQ (7x7)	64-LFCSP-VQ (9x9)	48-LFCSP-VQ (7x7)	48-LFCSP-VQ (7x7)
Input Type	Differential	Differential	Differential	Differential
Package	Tray	Tray	Tray	Tray
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Reference Type	Internal	External, Internal	External, Internal	External, Internal

AD9254BCPZ-150 Datasheet PDF

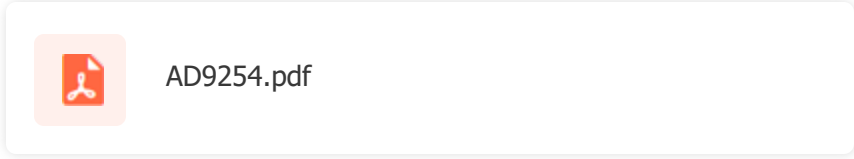
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Datasheets

AD9254.pdf

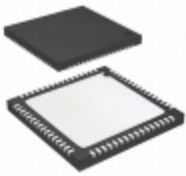


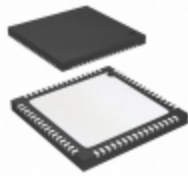
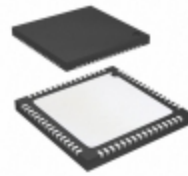

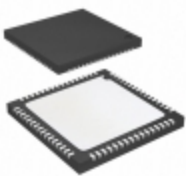

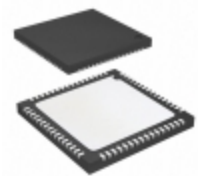
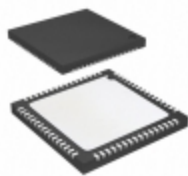
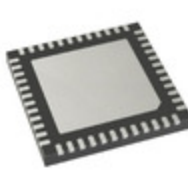
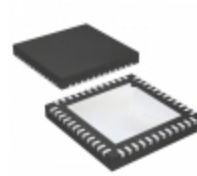
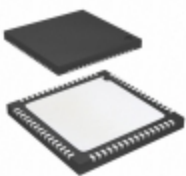


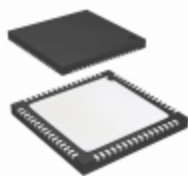
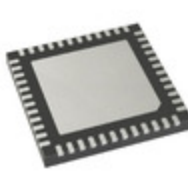
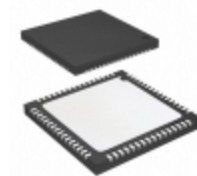
PCN Assembly/Origin

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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
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Contact us if you have any questions.

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