



Image may be representation.  
See specifications for product details.



## AD9640ABCPZ-150

Manufacturer Part Number	<b>AD9640ABCPZ-150</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD9640ABCPZ-150
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC ADC 14BIT PIPELINED 64LFCSP
Package	64-VFQFN Exposed Pad, CSP
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

AD9640ABCPZ-150 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD9640ABCPZ-150 datasheet/specifications on AllelcoElec.com.  
Request a quote for AD9640ABCPZ-150, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD9640ABCPZ-150 Tech Specifications  
AD9640ABCPZ-150 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Number of Inputs	2
Voltage - Supply, Digital	1.7V ~ 1.9V	Number of Bits	14
Voltage - Supply, Analog	1.7V ~ 1.9V	Number of A/D Converters	2
Supplier Device Package	64-LFCSP-VQ (9x9)	Mounting Type	Surface Mount
Series	-	Input Type	Differential, Single Ended
Sampling Rate (Per Second)	150M	Features	Simultaneous Sampling
Reference Type	External, Internal	Data Interface	Parallel
Ratio - S/H:ADC	1:1	Configuration	S/H-ADC
Package / Case	64-VFQFN Exposed Pad, CSP	Base Product Number	AD9640
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. AD9640ABCPZ-150

Product Attribute				
Part Number	AD9640ABCPZ-150	<b>AD9637BCPZ-40</b>	<b>AD9637BCPZ-80</b>	<b>AD9634BCPZRL7-250</b>
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Input Type	Differential, Single Ended	Differential	Differential	Differential
Supplier Device Package	64-LFCSP-VQ (9x9)	64-LFCSP-VQ (9x9)	64-LFCSP-VQ (9x9)	32-LFCSP (5x5)
Package	Tray	Tray	Tray	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Sampling Rate (Per Second)	150M	40M	80M	250M
Voltage - Supply, Analog	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7V ~ 1.9V
Features	Simultaneous Sampling	Simultaneous Sampling	Simultaneous Sampling	-
Base Product Number	AD9640	AD9637	AD9637	AD9634
Configuration	S/H-ADC	S/H-ADC	S/H-ADC	S/H-ADC
Number of Inputs	2	8	8	1
Voltage - Supply, Digital	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7V ~ 1.9V
Number of A/D Converters	2	8	8	1
Reference Type	External, Internal	External, Internal	External, Internal	Internal
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Ratio - S/H:ADC	1:1	1:1	1:1	1:1
Data Interface	Parallel	LVDS - Serial	LVDS - Serial	LVDS - Parallel
Series	-	-	-	-
Package / Case	64-VFQFN Exposed Pad, CSP	64-VFQFN Exposed Pad, CSP	64-VFQFN Exposed Pad, CSP	32-WFQFN Exposed Pad, CSP
Number of Bits	14	12	12	12
Architecture	Pipelined	Pipelined	Pipelined	Pipelined

### AD9640ABCPZ-150 Datasheet PDF

Download AD9640ABCPZ-150 pdf datasheets and Analog Devices Inc. documentation for AD9640ABCPZ-150 - Analog Devices Inc..

#### Datasheets

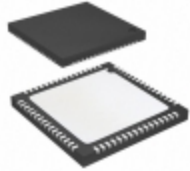
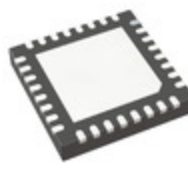
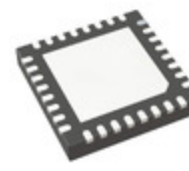

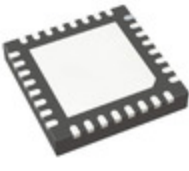
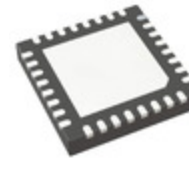

[Cylindrical Battery Holders.pdf](#)

#### PCN Assembly/Origin

[2.73KHz.pdf](#)

## Customers Also Interested in

### Recommended Products

					
<b>AD9637BCPZ-40</b> Analog Devices Inc. IC ADC 12BIT PIPELINED 64LFCSP	<b>AD9637BCPZ-80</b> Analog Devices Inc. IC ADC 12BIT PIPELINED 64LFCSP	<b>AD9634BCPZRL7-250</b> Analog Devices Inc. IC ADC 12BIT PIPELINED 32LFCSP	<b>AD9634BCPZ-210</b> Analog Devices Inc. IC ADC 12BIT PIPELINED 32LFCSP	<b>AD9640BCPZ-80</b> Analog Devices Inc. IC ADC 14BIT PIPELINED 64LFCSP	<b>AD9634BCPZ-250</b> Analog Devices Inc. IC ADC 12BIT PIPELINED 32LFCSP
					
<b>AD9639BCPZ-125</b> ADI (Analog Devices, Inc.)	<b>AD9642BCPZ-170</b> Analog Devices Inc. IC ADC 14BIT PIPELINED 32LFCSP	<b>AD9642BCPZ-210</b> Analog Devices Inc. IC ADC 14BIT PIPELINED 32LFCSP	<b>AD9635BCPZ-80</b> Analog Devices Inc. IC ADC 12BIT PIPELINED 32LFCSP	<b>AD9642BCPZ-250</b> Analog Devices Inc. IC ADC 14BIT PIPELINED 32LFCSP	<b>AD9640BCPZ-105</b> Analog Devices Inc. IC ADC 14BIT PIPELINED 64LFCSP
					
<b>AD9641BCPZ-155</b> Analog Devices Inc. IC ADC 14BIT PIPELINED 32LFCSP	<b>AD9640BCPZ-105</b> Analog Devices Inc. IC ADC 14BIT 105MSP 1.8V 64LFCSP	<b>AD9640BCPZRL7-80</b> Analog Devices Inc. IC ADC 14BIT PIPELINED 64LFCSP	<b>AD9641BCPZ-80</b> Analog Devices Inc. IC ADC 14BIT PIPELINED 32LFCSP	<b>AD9640BCPZ-125</b> Analog Devices Inc. IC ADC 14BIT PIPELINED 64LFCSP	<b>AD9643BCPZ-170</b> 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 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  
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### Certifications & Memberships



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