



Image may be representation.  
See specifications for product details.



## AD9238BCPZ-40

Manufacturer Part Number	<b>AD9238BCPZ-40</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD9238BCPZ-40
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC ADC 12BIT PIPELINED 64LFCSP
Package	64-VFQFN Exposed Pad, CSP
Data sheet	<b>AD9238.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

AD9238BCPZ-40 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD9238BCPZ-40 datasheet/specifications on AllelcoElec.com.  
Request a quote for AD9238BCPZ-40, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD9238BCPZ-40 Tech Specifications  
AD9238BCPZ-40 - 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	2.25V ~ 3.6V	Number of Bits	12
Voltage - Supply, Analog	2.7V ~ 3.6V	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)	40M	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	AD9238
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. AD9238BCPZ-40

Product Attribute				
Part Number	AD9238BCPZ-40	<b>AD9235BRUZRL7-65</b>	<b>AD9238BST-40</b>	<b>AD9236BCPZ-80</b>
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Series	-	-	-	-
Number of Inputs	2	1	2	1
Number of A/D Converters	2	1	2	1
Sampling Rate (Per Second)	40M	65M	40M	80M
Ratio - S/H:ADC	1:1	1:1	1:1	1:1
Features	Simultaneous Sampling	-	Simultaneous Sampling	-
Input Type	Differential, Single Ended	Differential, Single Ended	Differential, Single Ended	Differential, Single Ended
Voltage - Supply, Analog	2.7V ~ 3.6V	2.7V ~ 3.6V	2.7V ~ 3.6V	2.7V ~ 3.6V
Architecture	Pipelined	Pipelined	Pipelined	Pipelined
Package / Case	64-VFQFN Exposed Pad, CSP	28-TSSOP (0.173", 4.40mm Width)	64-LQFP	32-WFQFN Exposed Pad, CSP
Number of Bits	12	12	12	12
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply, Digital	2.25V ~ 3.6V	2.25V ~ 3.6V	2.25V ~ 3.6V	2.25V ~ 3.6V
Reference Type	External, Internal	External, Internal	External, Internal	External, Internal
Configuration	S/H-ADC	S/H-ADC	S/H-ADC	S/H-ADC
Supplier Device Package	64-LFCSP-VQ (9x9)	28-TSSOP	64-LQFP (7x7)	32-LFCSP-WQ (5x5)
Data Interface	Parallel	Parallel	Parallel	Parallel
Base Product Number	AD9238	AD9235	AD9238	AD9236
Package	Tray	Tape & Reel (TR)	Tray	Tray
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C

### AD9238BCPZ-40 Datasheet PDF

Download AD9238BCPZ-40 pdf datasheets and Analog Devices Inc. documentation for AD9238BCPZ-40 - Analog Devices Inc..

#### Datasheets



















[AD9238.pdf](#)

#### PCN Assembly/Origin

[Mult Changes 09/Jun/2021.pdf](#)

## Customers Also Interested in

### Recommended Products

					
<b>AD9235BRUZRL7-65</b> Analog Devices Inc. IC ADC 12BIT PIPELINED 28TSSOP	<b>AD9238BST-40</b> Analog Devices Inc. IC ADC 12BIT PIPELINED 64LQFP	<b>AD9236BCPZ-80</b> Analog Devices Inc. IC ADC 12BIT PIPELINED 32LFCSP	<b>AD9236BRUZ-80</b> Analog Devices Inc. IC ADC 12BIT PIPELINED 28TSSOP	<b>AD9235BRUZRL7-20</b> Analog Devices Inc. IC ADC 12BIT PIPELINED 28TSSOP	<b>AD9238BSTZ-40</b> Analog Devices Inc. IC ADC 12BIT PIPELINED 64LQFP
					
<b>AD9236BRU-80</b> Analog Devices Inc. IC ADC 12BIT 80MSPS 3V 28-TSSOP	<b>AD9238BSTZ-20</b> Analog Devices Inc. IC ADC 12BIT PIPELINED 64LQFP	<b>AD9238BSTRL-65</b> Analog Devices Inc. IC ADC 12BIT PIPELINED 64LQFP	<b>AD9238BCPZ-20</b> Analog Devices Inc. IC ADC 12BIT PIPELINED 64LFCSP	<b>AD9238BCPZ-65</b> Analog Devices Inc. IC ADC 12BIT PIPELINED 64LFCSP	<b>AD9236BCP-80</b> Analog Devices Inc. IC ADC 12BIT 80MSPS 32-LFCSP
					
<b>AD9237BCPZ-40</b> Analog Devices Inc. IC ADC 12BIT PIPELINED 32LFCSP	<b>AD9238BSTRL-20</b> Analog Devices Inc. IC ADC 12BIT DUAL 20MSPS 64-LQFP	<b>AD9238BSTRL-40</b> Analog Devices Inc. IC ADC 12BIT PIPELINED 64LQFP	<b>AD9236BRURL7-80</b> Analog Devices Inc. IC ADC 12BIT 80MSPS 28-TSSOP	<b>AD9238BCPZRL-40</b> Analog Devices Inc. IC ADC 12BIT PIPELINED 64LFCSP	<b>AD9238BSTZ-65</b> Analog Devices Inc. IC ADC 12BIT PIPELINED 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 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

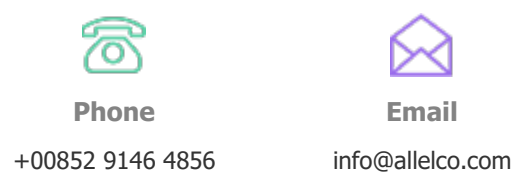
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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