

Image may be representation.
See specifications for product details.



AD9642BCPZ-170

Manufacturer Part Number	AD9642BCPZ-170
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD9642BCPZ-170
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC ADC 14BIT PIPELINED 32LFCSP
Package	32-WFQFN Exposed Pad, CSP
Data sheet	AD9642.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD9642BCPZ-170 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD9642BCPZ-170 datasheet/specifications on AllelcoElec.com.
Request a quote for AD9642BCPZ-170, please send us email: info@allelco.com

Specifications

AD9642BCPZ-170 Tech Specifications
AD9642BCPZ-170 - 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	32-LFCSP (5x5)	Mounting Type	Surface Mount
Series	-	Input Type	Differential
Sampling Rate (Per Second)	170M	Features	-
Reference Type	Internal	Data Interface	LVDS - Parallel
Ratio - S/H:ADC	1:1	Configuration	S/H-ADC
Package / Case	32-WFQFN Exposed Pad, CSP	Base Product Number	AD9642
Package	Tray	Architecture	Pipelined
Operating Temperature	-40°C ~ 85°C		

Parts with Similar Specifications

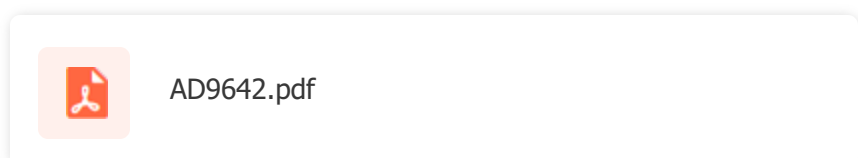
The three parts on the right have similar specifications to Analog Devices Inc. AD9642BCPZ-170

Product Attribute				
Part Number	AD9642BCPZ-170	AD9640BCPZRL7-80	AD9643BCPZ-210	AD9642BCPZ-210
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Data Interface	LVDS - Parallel	Parallel	LVDS - Parallel	LVDS - Parallel
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Configuration	S/H-ADC	S/H-ADC	S/H-ADC	S/H-ADC
Number of Bits	14	14	14	14
Features	-	Simultaneous Sampling	Simultaneous Sampling	-
Voltage - Supply, Analog	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7V ~ 1.9V
Package / Case	32-WFQFN Exposed Pad, CSP	64-VFQFN Exposed Pad, CSP	64-VFQFN Exposed Pad, CSP	32-WFQFN Exposed Pad, CSP
Number of Inputs	1	2	2	1
Base Product Number	AD9642	AD9640	AD9643	AD9642
Input Type	Differential	Differential, Single Ended	Differential	Differential
Number of A/D Converters	1	2	2	1
Voltage - Supply, Digital	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7V ~ 1.9V
Sampling Rate (Per Second)	170M	80M	210M	210M
Architecture	Pipelined	Pipelined	Pipelined	Pipelined
Series	-	-	-	-
Package	Tray	Tape & Reel (TR)	Tray	Tray
Supplier Device Package	32-LFCSP (5x5)	64-LFCSP-VQ (9x9)	64-LFCSP-VQ (9x9)	32-LFCSP (5x5)
Reference Type	Internal	External, Internal	Internal	Internal
Ratio - S/H:ADC	1:1	1:1	1:1	1:1

AD9642BCPZ-170 Datasheet PDF

Download AD9642BCPZ-170 pdf datasheets and Analog Devices Inc. documentation for AD9642BCPZ-170 - Analog Devices Inc..

Datasheets



Customers Also Interested in

Recommended Products



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

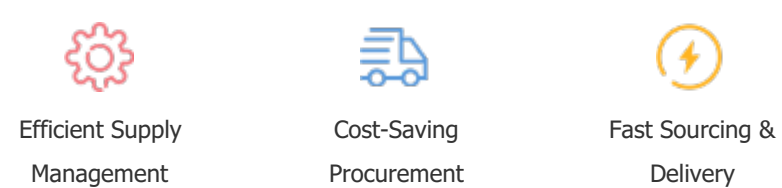
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

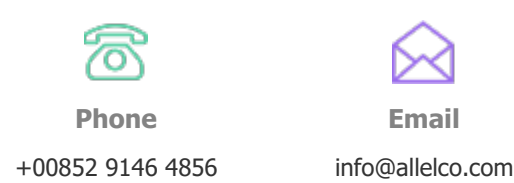
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



[View More](#)