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See specifications for product details.



AD9649BCPZ-40

Manufacturer Part Number	AD9649BCPZ-40
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD9649BCPZ-40
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC ADC 14BIT PIPELINED 32LFCSP
Package	32-VFQFN Exposed Pad, CSP
Data sheet	AD9649.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD9649BCPZ-40 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD9649BCPZ-40 datasheet/specifications on AllelcoElec.com.
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Specifications

AD9649BCPZ-40 Tech Specifications

AD9649BCPZ-40 - 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-VQ (5x5)	Mounting Type	Surface Mount
Series	-	Input Type	Differential, Single Ended
Sampling Rate (Per Second)	40M	Features	-
Reference Type	External, Internal	Data Interface	Parallel
Ratio - S/H:ADC	1:1	Configuration	S/H-ADC
Package / Case	32-VFQFN Exposed Pad, CSP	Base Product Number	AD9649
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. AD9649BCPZ-40

Product Attribute				
Part Number	AD9649BCPZ-40	AD9650BCPZ-25	AD9650BCPZ-80	AD9652BBCZ-310
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Sampling Rate (Per Second)	40M	25M	80M	310M
Reference Type	External, Internal	External, Internal	External, Internal	External, Internal
Number of Bits	14	16	16	16
Ratio - S/H:ADC	1:1	1:1	1:1	1:1
Number of Inputs	1	2	2	2
Package	Tray	Tray	Tray	Tray
Package / Case	32-VFQFN Exposed Pad, CSP	64-VFQFN Exposed Pad, CSP	64-VFQFN Exposed Pad, CSP	144-LFBGA, CSPBGA
Features	-	Simultaneous Sampling	Simultaneous Sampling	Simultaneous Sampling
Architecture	Pipelined	Pipelined	Pipelined	Pipelined
Number of A/D Converters	1	2	2	2
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Series	-	-	-	-
Base Product Number	AD9649	AD9650	AD9650	AD9652
Data Interface	Parallel	LVDS - Parallel, Parallel	LVDS - Parallel, Parallel	LVDS - Parallel
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Configuration	S/H-ADC	S/H-ADC	S/H-ADC	S/H-ADC
Input Type	Differential, Single Ended	Differential	Differential	Differential
Voltage - Supply, Analog	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7V ~ 1.9V	1.8V, 3.3V
Supplier Device Package	32-LFCSP-VQ (5x5)	64-LFCSP-VQ (9x9)	64-LFCSP-VQ (9x9)	144-CSPBGA (10x10)
Voltage - Supply, Digital	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7V ~ 1.9V

AD9649BCPZ-40 Datasheet PDF

Download AD9649BCPZ-40 pdf datasheets and Analog Devices Inc. documentation for AD9649BCPZ-40 - Analog Devices Inc..

Datasheets

[AD9649.pdf](#)

PCN Assembly/Origin

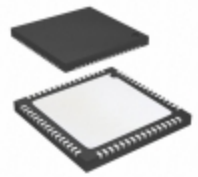
[Assembly Site Transfer 12/Feb/2014.pdf](#)



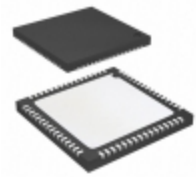
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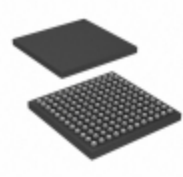
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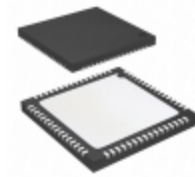
AD9650BCPZ-25
Analog Devices Inc.
IC ADC 16BIT PIPELINED 64LFCSP



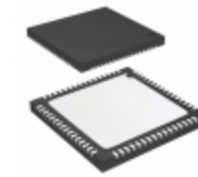
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IC ADC 16BIT PIPELINED 64LFCSP



AD9652BBCZ-310
Analog Devices Inc.
IC ADC 16BIT PIPELINED 144CSPBGA



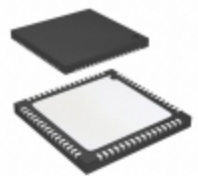
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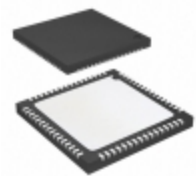
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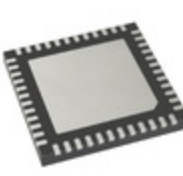
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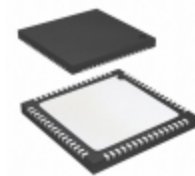
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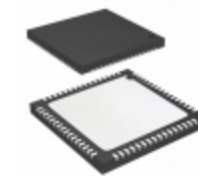
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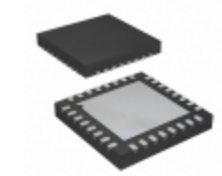
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Analog Devices Inc.
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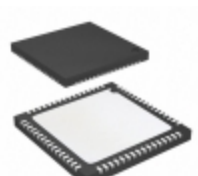
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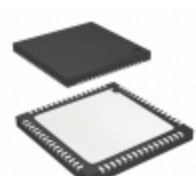
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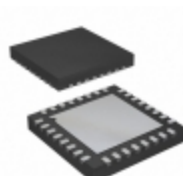
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Analog Devices Inc.
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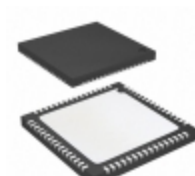
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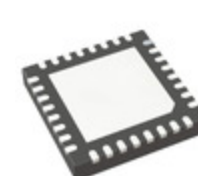
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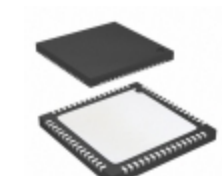
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Analog Devices Inc.
IC ADC 14BIT PIPELINED 32LFCSP



AD9650BCPZ-65
Analog Devices Inc.
IC ADC 16BIT PIPELINED 64LFCSP



AD9645BCPZ-125
Analog Devices Inc.
IC ADC 14BIT PIPELINED 32LFCSP



AD9648BCPZRL7-125
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

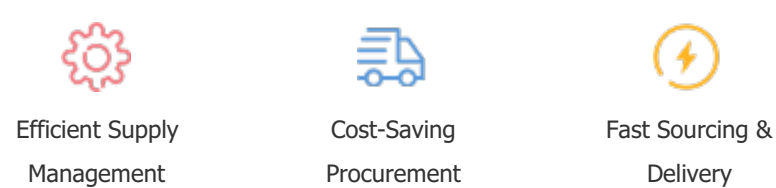
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

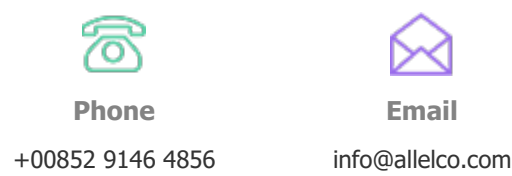
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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