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See specifications for product details.



AD9689BBPZ-2000

Manufacturer Part Number	AD9689BBPZ-2000
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD9689BBPZ-2000
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC ADC 14BIT PIPELINED 196BGA
Package	196-LFBGA Exposed Pad
Data sheet	AD9689.pdf
RoHs Status	ROHS3 Compliant

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Specifications

AD9689BBPZ-2000 Tech Specifications
AD9689BBPZ-2000 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Operating Temperature	-40°C ~ 85°C
Voltage - Supply, Digital	0.95V ~ 1V, 1.85V ~ 1.95V	Number of Inputs	2
Voltage - Supply, Analog	0.95V ~ 1V, 1.85V ~ 1.95V, 2.44V ~ 2.56V	Number of Bits	14
Supplier Device Package	196-BGA-ED (12x12)	Number of A/D Converters	2
Series	-	Mounting Type	Surface Mount
Sampling Rate (Per Second)	2G	Input Type	Differential
Reference Type	External, Internal	Data Interface	JESD204B
Ratio - S/H:ADC	1:1	Configuration	S/H-ADC
Package / Case	196-LFBGA Exposed Pad	Base Product Number	AD9689
Package	Tray	Architecture	Pipelined

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD9689BBPZ-2000

Product Attribute				
Part Number	AD9689BBPZ-2000	AD9688BQ	AD9695BCPZRL7-1300	AD9691BCPZ-1250
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Number of Bits	14	4	14	14
Input Type	Differential	Single Ended	Differential	Differential
Number of Inputs	2	1	2	2
Operating Temperature	-40°C ~ 85°C	-25°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Base Product Number	AD9689	-	AD9695	AD9691
Mounting Type	Surface Mount	Through Hole	Surface Mount	Surface Mount
Package / Case	196-LFBGA Exposed Pad	18-CDIP (0.300", 7.62mm)	64-WFQFN Exposed Pad, CSP	88-VFQFN Exposed Pad, CSP
Ratio - S/H:ADC	1:1	1:1	1:1	1:1
Voltage - Supply, Digital	0.95V ~ 1V, 1.85V ~ 1.95V	-	0.93V ~ 2.56V	1.22V ~ 1.28V
Configuration	S/H-ADC	S/H-ADC	S/H-ADC	S/H-ADC
Series	-	AD9688	-	-
Voltage - Supply, Analog	0.95V ~ 1V, 1.85V ~ 1.95V, 2.44V ~ 2.56V	-2.7V ~ 3V	0.93V ~ 2.56V	1.22V ~ 1.28V, 2.44V ~ 2.56V
Supplier Device Package	196-BGA-ED (12x12)	18-CERDIP	64-LFCSP (9x9)	88-LFCSP-VQ (12x12)
Package	Tray	Bulk	Tape & Reel (TR)	Tray
Architecture	Pipelined	-	Pipelined	Pipelined
Data Interface	JESD204B	Parallel	JESD204B	JESD204B
Sampling Rate (Per Second)	2G	200M	1.3G	1.25G
Reference Type	External, Internal	External	Internal	Internal
Number of A/D Converters	2	1	2	1

AD9689BBPZ-2000 Datasheet PDF

Download AD9689BBPZ-2000 pdf datasheets and Analog Devices Inc. documentation for AD9689BBPZ-2000 - Analog Devices Inc..

Datasheets

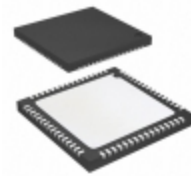
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**AD9687BD**

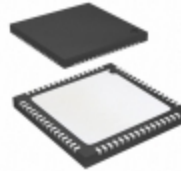
ADI (Analog Devices, Inc.)

**AD9688BQ**Analog Devices Inc.
4-BIT ADC, 1 CHANNEL, PARALLEL**AD9695BCPZRL7-1300**Analog Devices Inc.
IC ADC 14BIT PIPELINED 64LFCSP**AD9696KN**

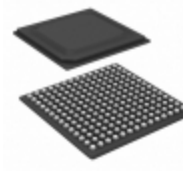
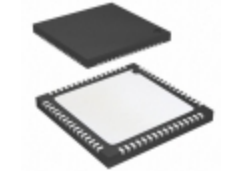
ADI (Analog Devices, Inc.)

**AD9691BCPZ-1250**Analog Devices Inc.
IC ADC 14BIT PIPELINED 88LFCSP**AD9686BQ**

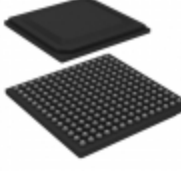
ADI (Analog Devices, Inc.)

**AD9686TQ**Analog Devices Inc.
IC COMPAR 1 W/VOLT REF
16CERDIP**AD9695BCPZ-625**Analog Devices Inc.
IC ADC 14BIT PIPELINED 64LFCSP**AD9685BD**

ADI (Analog Devices, Inc.)

**AD9694BCPZ-500**Analog Devices Inc.
IC ADC 14BIT PIPELINED 72LFCSP**AD9684BBPZ-500**Analog Devices Inc.
IC ADC 14BIT PIPELINED 196BGA**AD9695BCPZ-1300**Analog Devices Inc.
IC ADC 14BIT PIPELINED 64LFCSP**AD9696KR**

ADI (Analog Devices, Inc.)

**AD9689BBPZ-2600**Analog Devices Inc.
IC ADC 14BIT PIPELINED 196BGA**AD9696KR-REEL**

ADI (Analog Devices, Inc.)

**AD9681XBCZ-125**

ADI (Analog Devices, Inc.)

**AD9687BE**

ADI (Analog Devices, Inc.)

**AD9686BA**

ADI (Analog Devices, Inc.)

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
ManagementCost-Saving
ProcurementFast Sourcing &
Delivery

Contact us if you have any questions.



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