

Image may be representation.  
See specifications for product details.



## AD9251BCPZRL7-20

Manufacturer Part Number	<b>AD9251BCPZRL7-20</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD9251BCPZRL7-20
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**

AD9251BCPZRL7-20 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD9251BCPZRL7-20 datasheet/specifications on AllelcoElec.com. Request a quote for AD9251BCPZRL7-20, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD9251BCPZRL7-20 Tech Specifications  
AD9251BCPZRL7-20 - 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 ~ 3.6V	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
Sampling Rate (Per Second)	20M	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	AD9251
Package	Tape & Reel (TR)	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. AD9251BCPZRL7-20

Product Attribute				
Part Number	AD9251BCPZRL7-20	<b>AD9253BCPZ-105</b>	<b>AD9251BCPZRL7-80</b>	<b>AD9250BCPZ-170</b>
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Sampling Rate (Per Second)	20M	105M	80M	170M
Package / Case	64-VFQFN Exposed Pad, CSP	48-WFQFN Exposed Pad, CSP	64-VFQFN Exposed Pad, CSP	48-WFQFN Exposed Pad, CSP
Voltage - Supply, Digital	1.7V ~ 3.6V	1.7V ~ 1.9V	1.7V ~ 3.6V	1.7V ~ 1.9V
Series	-	-	-	-
Base Product Number	AD9251	AD9253	AD9251	AD9250
Package	Tape & Reel (TR)	Tray	Tape & Reel (TR)	Tray
Input Type	Differential	Differential	Differential	Differential
Voltage - Supply, Analog	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7V ~ 1.9V	1.7V ~ 1.9V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Bits	14	14	14	14
Configuration	S/H-ADC	S/H-ADC	S/H-ADC	S/H-ADC
Number of Inputs	2	4	2	2
Supplier Device Package	64-LFCSP-VQ (9x9)	48-LFCSP (7x7)	64-LFCSP-VQ (9x9)	48-LFCSP (7x7)
Features	Simultaneous Sampling	Simultaneous Sampling	Simultaneous Sampling	Simultaneous Sampling
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Number of A/D Converters	2	4	2	2
Reference Type	External, Internal	Internal	External, Internal	Internal
Data Interface	Parallel	LVDS - Serial	Parallel	JESD204B
Architecture	Pipelined	Pipelined	Pipelined	Pipelined
Ratio - S/H:ADC	1:1	1:1	1:1	1:1

### AD9251BCPZRL7-20 Datasheet PDF

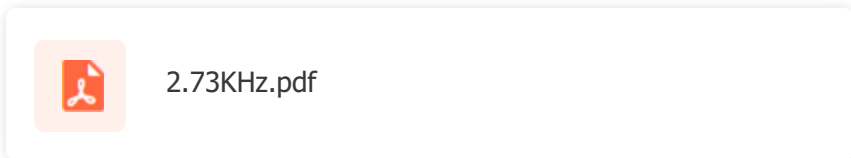
Download AD9251BCPZRL7-20 pdf datasheets and Analog Devices Inc. documentation for AD9251BCPZRL7-20 - Analog Devices Inc..

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### Other Related Documents

[Tape and Reel Packaging.pdf](#)



**Customers Also Interested in**

**Recommended Products**

<b>AD9253BCPZ-105</b> Analog Devices Inc. IC ADC 14BIT PIPELINED 48LFCSP	<b>AD9251BCPZRL7-80</b> Analog Devices Inc. IC ADC 14BIT PIPELINED 64LFCSP	<b>AD9250BCPZ-170</b> Analog Devices Inc. IC ADC 14BIT PIPELINED 48LFCSP	<b>AD9252ABCPZ-50</b> Analog Devices Inc. IC ADC 14BIT PIPELINED 64LFCSP	<b>AD9254BCPZRL7-150</b> Analog Devices Inc. IC ADC 14BIT PIPELINED 48LFCSP	<b>AD9251BCPZ-65</b> Analog Devices Inc. IC ADC 14BIT PIPELINED 64LFCSP
<b>AD9254BCPZ-150</b> Analog Devices Inc. IC ADC 14BIT PIPELINED 48LFCSP	<b>AD9253BCPZ-80</b> Analog Devices Inc. IC ADC 14BIT PIPELINED 48LFCSP	<b>AD9250BCPZRL7-170</b> Analog Devices Inc. IC ADC 14BIT PIPELINED 48LFCSP	<b>AD9251BCPZ-20</b> Analog Devices Inc. IC ADC 14BIT PIPELINED 64LFCSP	<b>AD9248BSTZ-65</b> Analog Devices Inc. IC ADC 14BIT PIPELINED 64LQFP	<b>AD9253BCPZ-125</b> Analog Devices Inc. IC ADC 14BIT PIPELINED 48LFCSP
<b>AD9250BCPZ-250</b> Analog Devices Inc. IC ADC 14BIT PIPELINED 48LFCSP	<b>AD9251BCPZRL7-65</b> Analog Devices Inc. IC ADC 14BIT PIPELINED 64LFCSP	<b>AD9252ABCPZRL7-50</b> Analog Devices Inc. IC ADC 14BIT PIPELINED 64LFCSP	<b>AD9251BCPZRL7-40</b> Analog Devices Inc. IC ADC 14BIT PIPELINED 64LFCSP	<b>AD9251BCPZ-40</b> Analog Devices Inc. IC ADC 14BIT PIPELINED 64LFCSP	<b>AD9251BCPZ-80</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 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 -**

Efficient Supply Management	Cost-Saving Procurement	Fast Sourcing & Delivery
-----------------------------	-------------------------	--------------------------

**Contact us if you have any questions.**

Phone +00852 9146 4856	Email info@allelco.com
---------------------------	---------------------------

**Certifications & Memberships**



[View More](#)

**Contact us**

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong  
Phone: +00852 9146 4856  
Fax: +00852 3010 8510  
Email: info@Allelco.com