



Image may be representation.
See specifications for product details.



AD8031BRZ

Manufacturer Part Number	AD8031BRZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD8031BRZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC VOLTAGE FEEDBACK 1 CIRC 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	AD8031/32.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD8031BRZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD8031BRZ datasheet/specifications on AllelcoElec.com.
Request a quote for AD8031BRZ, please send us email: info@allelco.com

Specifications

AD8031BRZ Tech Specifications
AD8031BRZ - 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 Span (Min)	2.7 V	Number of Circuits	1
Voltage - Supply Span (Max)	12 V	Mounting Type	Surface Mount
Voltage - Input Offset	500 µV	Current - Supply	900µA
Supplier Device Package	8-SOIC	Current - Output / Channel	15 mA
Slew Rate	35V/µs	Current - Input Bias	450 nA
Series	-	Base Product Number	AD8031
Package / Case	8-SOIC (0.154", 3.90mm Width)	Amplifier Type	Voltage Feedback
Package	Tube	-3db Bandwidth	80 MHz
Output Type	Rail-to-Rail		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD8031BRZ

Product Attribute				
Part Number	AD8031BRZ	AD8032ANZ	AD8032ARMZ	AD8031ARZ-REEL7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Supplier Device Package	8-SOIC	8-PDIP	8-MSOP	8-SOIC
Mounting Type	Surface Mount	Through Hole	Surface Mount	Surface Mount
Current - Output / Channel	15 mA	15 mA	15 mA	15 mA
Voltage - Input Offset	500 µV	1 mV	1 mV	1 mV
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Series	-	-	-	-
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-DIP (0.300", 7.62mm)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-SOIC (0.154", 3.90mm Width)
Package	Tube	Tube	Tube	Tape & Reel (TR)
Slew Rate	35V/µs	35V/µs	35V/µs	35V/µs
Amplifier Type	Voltage Feedback	Voltage Feedback	Voltage Feedback	Voltage Feedback
Current - Supply	900µA	900µA (x2 Channels)	900µA (x2 Channels)	900µA
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Base Product Number	AD8031	AD8032	AD8032	AD8031
-3db Bandwidth	80 MHz	80 MHz	80 MHz	80 MHz
Number of Circuits	1	2	2	1
Voltage - Supply Span (Max)	12 V	12 V	12 V	12 V
Voltage - Supply Span (Min)	2.7 V	2.7 V	2.7 V	2.7 V
Current - Input Bias	450 nA	450 nA	450 nA	450 nA

AD8031BRZ Datasheet PDF

Download AD8031BRZ pdf datasheets and Analog Devices Inc. documentation for AD8031BRZ - Analog Devices Inc..

Datasheets

[AD8031/32.pdf](#)

Design Resources

[Single-Ended-to-Differential High Speed Drive Circ.pdf](#)

[High Speed, Precision, Differential AC-Coupled Dri.pdf](#)

Customers Also Interested in

Recommended Products

**AD8032ANZ**Analog Devices Inc.
IC VOLTAGE FEEDBACK 2 CIRC 8DIP**AD8032ARMZ**Analog Devices Inc.
IC VOLTAGE FEEDBACK 2 CIRC 8MSOP**AD8031ARZ-REEL7**Analog Devices Inc.
IC VOLTAGE FEEDBACK 1 CIRC 8SOIC**AD8032AR+**

ADI (Analog Devices, Inc.)

**AD8032AN**Analog Devices Inc.
IC OPAMP VF R-R DUAL LP 8DIP**AD8032AR-REEL7**Analog Devices Inc.
IC VOLTAGE FEEDBACK 2 CIRC 8SOIC**AD8031BR-REEL7**Analog Devices Inc.
IC OPAMP VF R-R LP LDIST 8SOIC**AD8032AR.**

ADI (Analog Devices, Inc.)

**AD8031BR**Analog Devices Inc.
IC VOLTAGE FEEDBACK 1 CIRC 8SOIC**AD8031ART-RL7**

ADI (Analog Devices, Inc.)

**AD8031ARTZ**

ADI (Analog Devices, Inc.)

**AD8031ARZ**Analog Devices Inc.
IC VOLTAGE FEEDBACK 1 CIRC 8SOIC**AD8032AR**Analog Devices Inc.
IC VOLTAGE FEEDBACK 2 CIRC 8SOIC**AD8031BRZ-REEL**Analog Devices Inc.
IC VOLTAGE FEEDBACK 1 CIRC 8SOIC**AD8031ART-REEL7**Analog Devices Inc.
IC OPAMP VFB 1 CIRCUIT SOT23-5**AD8031ARTZ-REEL7**Analog Devices Inc.
IC OPAMP VFB 1 CIRCUIT SOT23-5**AD8031ART-REEL**Analog Devices Inc.
IC OPAMP VF R-R LP LDIST SOT23-5**AD8032ARM**Analog Devices Inc.
IC VOLTAGE FEEDBACK 2 CIRC 8MSOP

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.



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Email

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Certifications & Memberships



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