



Image may be representation.
See specifications for product details.



AD5547BRUZ

Manufacturer Part Number	AD5547BRUZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD5547BRUZ
ECAD Model	Request Free CAD Models
Parts Description	IC DAC 16BIT A-OUT 38TSSOP
Package	38-TFSOP (0.173', 4.40mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD5547BRUZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD5547BRUZ datasheet/specifications on AllelcoElec.com.
Request a quote for AD5547BRUZ, please send us email: info@allelco.com

Specifications

AD5547BRUZ Tech Specifications
AD5547BRUZ - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Operating Temperature	-40°C ~ 125°C
Voltage - Supply, Digital	2.7V ~ 5.5V	Number of D/A Converters	2
Voltage - Supply, Analog	2.7V ~ 5.5V	Number of Bits	16
Supplier Device Package	38-TSSOP	Mounting Type	Surface Mount
Settling Time	500ns (Typ)	INL/DNL (LSB)	±2 (Max), ±1 (Max)
Series	-	Differential Output	No
Reference Type	External	Data Interface	Parallel
Package / Case	38-TFSOP (0.173', 4.40mm Width)	Base Product Number	AD5547
Package	Tube	Architecture	R-2R
Output Type	Current - Unbuffered		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD5547BRUZ

Product Attribute				
Part Number	AD5547BRUZ	AD5545BRUZ	AD5553CRMZ	AD5554BRSZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Base Product Number	AD5547	AD5545	AD5553	AD5554
Number of Bits	16	16	14	14
Supplier Device Package	38-TSSOP	16-TSSOP	8-MSOP	28-SSOP
Voltage - Supply, Digital	2.7V ~ 5.5V	5V	5V	2.7V ~ 5.5V
Data Interface	Parallel	SPI	SPI	SPI
Operating Temperature	-40°C ~ 125°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 125°C
Package / Case	38-TFSOP (0.173', 4.40mm Width)	16-TSSOP (0.173', 4.40mm Width)	8-TSSOP, 8-MSOP (0.118', 3.00mm Width)	28-SSOP (0.209", 5.30mm Width)
Voltage - Supply, Analog	2.7V ~ 5.5V	5V	5V	2.7V ~ 5.5V
Number of D/A Converters	2	2	1	4
Differential Output	No	No	No	No
Package	Tube	Tube	Tube	Tube
Series	-	-	-	-
Output Type	Current - Unbuffered	Current - Unbuffered	Current - Unbuffered	Current - Unbuffered
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Reference Type	External	External	External	External
Architecture	R-2R	R-2R	R-2R	R-2R
INL/DNL (LSB)	±2 (Max), ±1 (Max)	±2 (Max), ±1 (Max)	±1 (Max), ±1 (Max)	±0.5 (Max), ±1 (Max)
Settling Time	500ns (Typ)	500ns (Typ)	500ns (Typ)	900ns

AD5547BRUZ Datasheet PDF

Download AD5547BRUZ pdf datasheets and Analog Devices Inc. documentation for AD5547BRUZ - Analog Devices Inc..

Datasheets

[Cylindrical Battery Holders.pdf](#)

Design Resources

[Precision, Unipolar, Inverting Conversion Using AD.pdf](#)

[Precision, Unipolar, Noninverting Configuration fo.pdf](#)

[Precision, Bipolar, Configuration for AD5547/AD555.pdf](#)

Customers Also Interested in

Recommended Products

**AD5545BRUZ**Analog Devices Inc.
IC DAC 16BIT A-OUT 16TSSOP**AD5553CRMZ**Analog Devices Inc.
IC DAC 14BIT A-OUT 8MSOP**AD5554BRSZ**Analog Devices Inc.
IC DAC 14BIT A-OUT 28SSOP**AD5553CRMZ-REEL7**Analog Devices Inc.
IC DAC 14BIT A-OUT 8MSOP**AD5545BRUZ-REEL7**Analog Devices Inc.
IC DAC 16BIT A-OUT 16TSSOP**AD5551BR**Analog Devices Inc.
IC DAC 14BIT V-OUT 8SOIC**AD5545CRUZ**Analog Devices Inc.
IC DAC 16BIT A-OUT 16TSSOP**AD5546BRUZ**Analog Devices Inc.
IC DAC 16BIT A-OUT 28TSSOP**AD5551BRZ**Analog Devices Inc.
IC DAC 14BIT V-OUT 8SOIC**AD5544BRSZ**Analog Devices Inc.
IC DAC 16BIT A-OUT 28SSOP**AD5551BRZ-REEL7**Analog Devices Inc.
IC DAC 14BIT V-OUT 8SOIC**AD5544ARS**Analog Devices Inc.
IC DAC 16BIT A-OUT 28SSOP**AD5554BRS**Analog Devices Inc.
IC DAC 14BIT QUAD SERIAL 28-SSOP**AD5553CRM**Analog Devices Inc.
IC DAC 14BIT A-OUT 8MSOP**AD5546CRUZ**Analog Devices Inc.
IC DAC 16BIT A-OUT 28TSSOP**AD5552BRZ**Analog Devices Inc.
IC DAC 14BIT V-OUT 14SOIC**AD5544ARSZ**Analog Devices Inc.
IC DAC 16BIT A-OUT 28SSOP**AD5546BRUZ-REEL7**Analog Devices Inc.
IC DAC 16BIT A-OUT 28TSSOP

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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Certifications & Memberships



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