



Image may be representation.  
See specifications for product details.



## AD7801BRU

Manufacturer Part Number	<b>AD7801BRU</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD7801BRU
ECAD Model	Request Free CAD Models
Parts Description	IC DAC 8BIT V-OUT 20TSSOP
Package	20-TSSOP (0.173", 4.40mm Width)
Data sheet	<b>20-TSSOP Pkg Drawing.pdf</b> <b>AD7801.pdf</b>

**Get a Quote**

AD7801BRU - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7801BRU datasheet/specifications on AllelcoElec.com.  
Request a quote for AD7801BRU, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD7801BRU Tech Specifications  
AD7801BRU - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Operating Temperature	-40°C ~ 105°C
Voltage - Supply, Digital	2.7V ~ 5.5V	Number of D/A Converters	1
Voltage - Supply, Analog	2.7V ~ 5.5V	Number of Bits	8
Supplier Device Package	20-TSSOP	Mounting Type	Surface Mount
Settling Time	2µs	INL/DNL (LSB)	±1 (Max), ±1 (Max)
Series	-	Differential Output	No
Reference Type	External	Data Interface	Parallel
Package / Case	20-TSSOP (0.173", 4.40mm Width)	Base Product Number	AD7801
Package	Tube	Architecture	Current Source
Output Type	Voltage - Buffered		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD7801BRU

Product Attribute				
Part Number	AD7801BRU	AD7804BR	AD7804BNZ	AD7805BR
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
INL/DNL (LSB)	±1 (Max), ±1 (Max)	±3 (Max), ±0.125	±3 (Max), ±0.125	±3 (Max), ±0.125
Package	Tube	Tube	Tube	Tube
Operating Temperature	-40°C ~ 105°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Number of Bits	8	10	10	10
Output Type	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered
Number of D/A Converters	1	4	4	4
Mounting Type	Surface Mount	Surface Mount	Through Hole	Surface Mount
Package / Case	20-TSSOP (0.173", 4.40mm Width)	16-SOIC (0.295", 7.50mm Width)	16-DIP (0.300", 7.62mm)	28-SOIC (0.295", 7.50mm Width)
Voltage - Supply, Digital	2.7V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V
Supplier Device Package	20-TSSOP	16-SOIC	16-PDIP	28-SOIC
Series	-	-	-	-
Settling Time	2µs	4µs	4µs	4µs
Reference Type	External	External, Internal	External, Internal	External, Internal
Base Product Number	AD7801	AD7804	AD7804	AD7805
Data Interface	Parallel	SPI	SPI	Parallel
Architecture	Current Source	-	-	-
Voltage - Supply, Analog	2.7V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V
Differential Output	No	No	No	No

### AD7801BRU Datasheet PDF

Download AD7801BRU pdf datasheets and Analog Devices Inc. documentation for AD7801BRU - Analog Devices Inc..

#### Datasheets

20-TSSOP Pkg Drawing.pdf

AD7801.pdf

#### PCN Obsolescence/ EOL

Lead(Pb)- Bearing Dev OBS 19/Jun/2017.pdf

### Customers Also Interested in

#### Recommended Products

**AD7804BR**Analog Devices Inc.  
IC DAC 10BIT V-OUT 16SOIC**AD7804BNZ**Analog Devices Inc.  
IC DAC 10BIT V-OUT 16DIP**AD779JD**Analog Devices Inc.  
IC ADC 14BIT SAMPLING 28-CDIP**AD7805BR**Analog Devices Inc.  
IC DAC 10BIT V-OUT 28SOIC**AD7804BR-REEL**Analog Devices Inc.  
IC DAC 10BIT V-OUT 16SOIC**AD7799BRUZ-REE**

ADI (Analog Devices, Inc.)

**AD7801BRZ**Analog Devices Inc.  
IC DAC 8BIT V-OUT 20SOIC**AD7801BRUZ-REEL7**Analog Devices Inc.  
IC DAC 8BIT V-OUT 20TSSOP**AD7804BN**Analog Devices Inc.  
IC DAC 10BIT QUAD SRL 16-DIP**AD779JN**Analog Devices Inc.  
IC ADC 14BIT 28DIP**AD7801BR-REEL**

ADI (Analog Devices, Inc.)

**AD7801BRUZ**Analog Devices Inc.  
IC DAC 8BIT V-OUT 20TSSOP**AD7799BRUZ-REEL**Analog Devices Inc.  
IC ADC 24BIT SIGMA-DELTA 16TSSOP**AD7801BR**Analog Devices Inc.  
IC DAC 8BIT V-OUT 20SOIC**AD779SD/883B**

ADI (Analog Devices, Inc.)

**AD779KD**Analog Devices Inc.  
IC ADC 14BIT 28CDIP**AD7805BRS**Analog Devices Inc.  
IC DAC 10BIT V-OUT 28SSOP**AD779KN**Analog Devices Inc.  
IC ADC 14BIT SAMPLING 28-DIP

## 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



View More

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