



Image may be representation.
See specifications for product details.



AD5781ARUZ

Manufacturer Part Number	AD5781ARUZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD5781ARUZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC DAC 18BIT V-OUT 20TSSOP
Package	20-TSSOP (0.173', 4.40mm Width)
Data sheet	Cylindrical Battery Holders.pdf
	AD5781.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD5781ARUZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD5781ARUZ datasheet/specifications on AllelcoElec.com.
Request a quote for AD5781ARUZ, please send us email: info@allelco.com

Specifications

AD5781ARUZ Tech Specifications

AD5781ARUZ - 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	1
Voltage - Supply, Analog	7.5V ~ 16.5V, -2.5V ~ 16.5V	Number of Bits	18
Supplier Device Package	20-TSSOP	Mounting Type	Surface Mount
Settling Time	1µs (Typ)	INL/DNL (LSB)	±2, ±0.5
Series	-	Differential Output	No
Reference Type	External	Data Interface	SPI, DSP
Package / Case	20-TSSOP (0.173', 4.40mm Width)	Base Product Number	AD5781
Package	Tube	Architecture	R-2R
Output Type	Voltage - Unbuffered		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD5781ARUZ

Product Attribute				
Part Number	AD5781ARUZ	AD5770RBCBZ-RL7	AD5780ACPZ	AD5765CSUZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Output Type	Voltage - Unbuffered	Current - Unbuffered	Voltage - Unbuffered	Voltage - Buffered
Base Product Number	AD5781	AD5770	AD5780	AD5765
Voltage - Supply, Analog	7.5V ~ 16.5V, -2.5V ~ 16.5V	2.9V ~ 5.5V	7.5V ~ 16.5V, -2.5V ~ 16.5V	5V
Package	Tube	Tape & Reel (TR)	Tray	Tray
Settling Time	1µs (Typ)	13µs (Typ)	3.5µs (Typ)	10µs
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 125°C	-40°C ~ 105°C	-40°C ~ 125°C	-40°C ~ 105°C
Differential Output	No	No	No	No
Reference Type	External	External, Internal	External	External
Package / Case	20-TSSOP (0.173', 4.40mm Width)	49-WFBGA, WLCSP	24-VFQFN Exposed Pad, CSP	32-TQFP
Series	-	AD5770R	-	iCMOS®
Data Interface	SPI, DSP	Serial, SPI	SPI, DSP	SPI, DSP
Number of D/A Converters	1	6	1	4
Architecture	R-2R	Current Steering	R-2R	R-2R
Number of Bits	18	14	18	16
Supplier Device Package	20-TSSOP	49-WLCSP (4.04x4.04)	24-LFCSP-VQ (4x5)	32-TQFP (7x7)
Voltage - Supply, Digital	2.7V ~ 5.5V	2.9V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.25V
INL/DNL (LSB)	±2, ±0.5	±6.5 (Max), ±1 (Max)	±2 (Max), ±1 (Max)	±1 (Max), ±1 (Max)

AD5781ARUZ Datasheet PDF

Download AD5781ARUZ pdf datasheets and Analog Devices Inc. documentation for AD5781ARUZ - Analog Devices Inc..

Datasheets

[AD5781.pdf](#)

HTML Datasheet

[Cylindrical Battery Holders.pdf](#)

Design Resources

[18-Bit Accurate, low noise, precision bipolar DC](#)

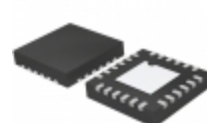
PCN Design/Specification



Cylindrical Battery Holders.pdf

Customers Also Interested in

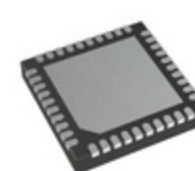
Recommended Products

**AD5770RBCBZ-RL7**Analog Devices Inc.
IC DAC 14BIT A-OUT 49WLCSP**AD5780ACPZ**Analog Devices Inc.
IC DAC 18BIT V-OUT 24LFCSP**AD5765CSUZ**Analog Devices Inc.
IC DAC 16BIT V-OUT 32TQFP

NO PICTURE

AD578TD/883B

Analog Technologies

**AD5766BCPZ-RL7**Analog Devices Inc.
IC DAC 16BIT V-OUT 40LFCSP**AD578KN**

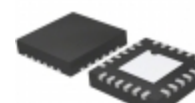
ADI (Analog Devices, Inc.)

**AD5764SSUZ-EP-RL7**Analog Devices Inc.
IC DAC 16BIT V-OUT 32TQFP**AD578ZLD**

ADI (Analog Devices, Inc.)

**AD5781BRUZ**Analog Devices Inc.
IC DAC 18BIT V-OUT 20TSSOP**AD57841**

Texas Instruments

**AD5780BCPZ**Analog Devices Inc.
IC DAC 18BIT V-OUT 24LFCSP**AD5781SRU-EP**Analog Devices Inc.
IC DAC 18BIT V-OUT 20TSSOP**AD578LN**

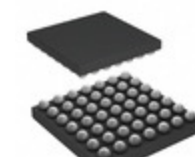
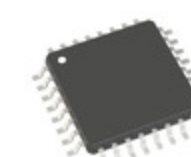
ADI (Analog Devices, Inc.)

**AD578JN**

ADI (Analog Devices, Inc.)

**AD5781ARUZ-REEL7**Analog Devices Inc.
IC DAC 18BIT V-OUT 20TSSOP**AD5766BCBZ**

ADI (Analog Devices, Inc.)

**AD5766BCBZ-RL7**Analog Devices Inc.
IC DAC 16BIT V-OUT 49WLCSP**AD5765BSUZ**Analog Devices Inc.
IC DAC 16BIT V-OUT 32TQFP

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 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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Certifications & Memberships



View More

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