



Image may be representation.
See specifications for product details.



AD8582AR

| | |
|--------------------------|---|
| Manufacturer Part Number | AD8582AR |
| Manufacturer | Analog Devices, Inc. |
| Allelco Part Number | 32D-AD8582AR |
| ECAD Model | PCB Symbol, Footprint & 3D Model |
| Parts Description | IC DAC 12BIT V-OUT 24SOIC |
| Package | 24-SOIC (0.295", 7.50mm Width) |
| Data sheet | Cylindrical Battery Holders.pdf |

Get a Quote

AD8582AR - Analog Devices Inc..New Original in Stock. Download Linear Technology AD8582AR datasheet/specifications on AllelcoElec.com.
Request a quote for AD8582AR, please send us email: info@allelco.com

Specifications

AD8582AR Tech Specifications
AD8582AR - 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, Digital | 5V | Number of D/A Converters | 2 |
| Voltage - Supply, Analog | 5V | Number of Bits | 12 |
| Supplier Device Package | 24-SOIC | Mounting Type | Surface Mount |
| Settling Time | 16µs (Typ) | INL/DNL (LSB) | ±0.75, ±0.75 |
| Series | - | Differential Output | No |
| Reference Type | Internal | Data Interface | Parallel |
| Package / Case | 24-SOIC (0.295", 7.50mm Width) | Base Product Number | AD8582 |
| Package | Tube | Architecture | R-2R |
| Output Type | Voltage - Buffered | | |

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD8582AR

| Product Attribute | | | | |
|---------------------------|--------------------------------|--------------------------|--------------------------------|---------------------------------|
| Part Number | AD8582AR | AD8582AN | AD8582ARZ | AD8574ARUZ-REEL |
| Manufacturer | Analog Devices Inc. | Analog Devices Inc. | Analog Devices Inc. | Analog Devices Inc. |
| Supplier Device Package | 24-SOIC | 24-PDIP | 24-SOIC | 14-TSSOP |
| Architecture | R-2R | R-2R | R-2R | - |
| Settling Time | 16µs (Typ) | 16µs (Typ) | 16µs (Typ) | - |
| INL/DNL (LSB) | ±0.75, ±0.75 | ±0.75, ±0.75 | ±0.75, ±0.75 | - |
| Operating Temperature | -40°C ~ 85°C | -40°C ~ 85°C | -40°C ~ 85°C | -40°C ~ 125°C |
| Reference Type | Internal | Internal | Internal | - |
| Package | Tube | Tube | Tube | Tape & Reel (TR) |
| Mounting Type | Surface Mount | Through Hole | Surface Mount | Surface Mount |
| Series | - | - | - | - |
| Package / Case | 24-SOIC (0.295", 7.50mm Width) | 24-DIP (0.300", 7.62mm) | 24-SOIC (0.295", 7.50mm Width) | 14-TSSOP (0.173", 4.40mm Width) |
| Number of Bits | 12 | 12 | 12 | - |
| Data Interface | Parallel | Parallel | Parallel | - |
| Base Product Number | AD8582 | AD8582 | AD8582 | AD8574 |
| Output Type | Voltage - Buffered | Voltage - Buffered | Voltage - Buffered | Rail-to-Rail |
| Voltage - Supply, Digital | 5V | 5V | 5V | - |
| Number of D/A Converters | 2 | 2 | 2 | - |
| Differential Output | No | No | No | - |
| Voltage - Supply, Analog | 5V | 5V | 5V | - |

AD8582AR Datasheet PDF

Download AD8582AR pdf datasheets and Analog Devices Inc. documentation for AD8582AR - Analog Devices Inc..

Datasheets

[Cylindrical Battery Holders.pdf](#)

Customers Also Interested in

Recommended Products



AD8574ARUZ-REELAnalog Devices Inc.
IC OPAMP ZER-DRIFT 4CIRC
14TSSOP**AD8574AR-REEL7**Analog Devices Inc.
IC OPAMP ZERO-DRIFT 4CIRC
14SOIC**AD8574ARUZ**Analog Devices Inc.
IC OPAMP ZER-DRIFT 4CIRC
14TSSOP**AD8574ARZ-REEL7**Analog Devices Inc.
IC OPAMP ZERO-DRIFT 4CIRC
14SOIC**AD8591ARTZ**

ADI (Analog Devices, Inc.)

**AD8582AN**Analog Devices Inc.
IC DAC 12BIT V-OUT 24DIP**AD8574ARZ**Analog Devices Inc.
IC OPAMP ZERO-DRIFT 4CIRC
14SOIC**AD8591ART-REEL**Analog Devices Inc.
IC OPAMP GP R-R CMOS SOT23-6**AD8591ARTZ-REEL7**Analog Devices Inc.
IC OPAMP GP 1 CIRCUIT SOT23-6**AD8572ARZ-REEL7**Analog Devices Inc.
IC OPAMP ZERO-DRIFT 2 CIRC
8SOIC**AD8591ART**

ADI (Analog Devices, Inc.)

AD8582AR+

ADI (Analog Devices, Inc.)

**AD8574ARU**Analog Devices Inc.
IC OPAMP ZER-DRIFT 4CIRC
14TSSOP**AD8591AKSZ**

ADI (Analog Devices, Inc.)

AD8591ART-REEL7Analog Devices Inc.
IC OPAMP GP R-R CMOS SOT23-6**AD8574ARU-REEL**Analog Devices Inc.
IC OPAMP ZER-DRIFT 4CIRC
14TSSOP**AD8582ARZ**Analog Devices Inc.
IC DAC 12BIT V-OUT 24SOIC**AD8582A**

ADI (Analog Devices, Inc.)

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



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