



Image may be representation.
See specifications for product details.



DAC312ER

Manufacturer Part Number	DAC312ER
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-DAC312ER
ECAD Model	Request Free CAD Models
Parts Description	IC DAC 12BIT A-OUT 20CDIP
Package	20-CDIP (0.300', 7.62mm)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

DAC312ER - Analog Devices Inc..New Original in Stock. Download Linear Technology DAC312ER datasheet/specifications on AllelcoElec.com.
Request a quote for DAC312ER, please send us email: info@allelco.com

Specifications

DAC312ER Tech Specifications
DAC312ER - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Operating Temperature	0°C ~ 70°C
Voltage - Supply, Digital	20V ~ 36V	Number of D/A Converters	1
Voltage - Supply, Analog	4.5V ~ 18V, -10.8V ~ 18V	Number of Bits	12
Supplier Device Package	20-CERDIP	Mounting Type	Through Hole
Settling Time	500ns	INL/DNL (LSB)	±0.5 (Max), -
Series	-	Differential Output	Yes
Reference Type	External	Data Interface	Parallel
Package / Case	20-CDIP (0.300', 7.62mm)	Base Product Number	DAC312
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. DAC312ER

Product Attribute				
Part Number	DAC312ER	DAC312HS	DAC3151IRGCR	DAC3161IRGCT
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Texas Instruments	Texas Instruments
Voltage - Supply, Digital	20V ~ 36V	20V ~ 36V	1.71V ~ 1.89V	1.71V ~ 1.89V
Differential Output	Yes	Yes	Yes	Yes
Operating Temperature	0°C ~ 70°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Output Type	Current - Unbuffered	Current - Unbuffered	Current - Unbuffered	Current - Unbuffered
Voltage - Supply, Analog	4.5V ~ 18V, -10.8V ~ 18V	4.5V ~ 18V, -10.8V ~ 18V	1.71V ~ 1.89V, 3.15V ~ 3.45V	1.71V ~ 1.89V, 3.15V ~ 3.45V
Package	Tube	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount
INL/DNL (LSB)	±0.5 (Max), -	-, ±1 (Max)	±0.15, ±0.04	±0.5, ±0.2
Supplier Device Package	20-CERDIP	20-SOIC	64-VQFN (9x9)	64-VQFN (9x9)
Number of Bits	12	12	10	12
Reference Type	External	External	External, Internal	External, Internal
Series	-	-	-	-
Settling Time	500ns	500ns	11ns (Typ)	11ns (Typ)
Architecture	R-2R	R-2R	Current Source	Current Source
Package / Case	20-CDIP (0.300', 7.62mm)	20-SOIC (0.295', 7.50mm Width)	64-VFQFN Exposed Pad	64-VFQFN Exposed Pad
Data Interface	Parallel	Parallel	LVDS - Parallel	LVDS - Parallel
Base Product Number	DAC312	DAC312	DAC3151	DAC3161
Number of D/A Converters	1	1	1	1

DAC312ER Datasheet PDF

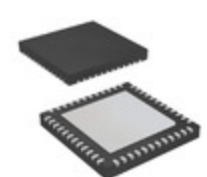
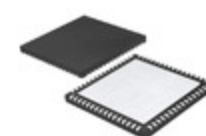
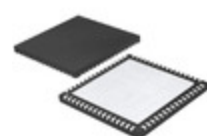
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Datasheets

Cylindrical Battery Holders.pdf

Customers Also Interested in

Recommended Products



DAC312HS Analog Devices Inc. IC DAC 12BIT A-OUT 20SOIC	DAC3151IRGCR Texas Instruments IC DAC 10BIT A-OUT 64VQFN	DAC2F160N6S DW IGBT Module	DAC2F200N6S DW IGBT Module	DAC3161IRGCT Texas Instruments IC DAC 12BIT A-OUT 64VQFN	DAC3152IRGZR Texas Instruments IC DAC 10BIT A-OUT 48VQFN
DAC2932PFBTG4 Texas Instruments IC DAC DUAL 12BIT 40MSPS 48-TQFP	DAC2F100N4 DAWIN IGBT Module	DAC312HSZ Analog Devices Inc. IC DAC 12BIT A-OUT 20SOIC	DAC2F150N4S-PE DAWIN IGBT Module	DAC3120 Texas Instruments	DAC312FR Analog Devices Inc. IC DAC 12BIT A-OUT 20CDIP
DAC3151IRGCT Texas Instruments IC DAC 10BIT A-OUT 64VQFN	DAC312HP Analog Devices Inc. IC DAC 12BIT A-OUT 20DIP	DAC312HSZ-REEL Analog Devices Inc. IC DAC 12BIT A-OUT 20SOIC	DAC2F100N4S DAWIN IGBT Module	DAC3100 Texas Instruments	DAC312H 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.

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Certifications & Memberships



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