



Image may be representation.
See specifications for product details.



AD7247ATQ

Manufacturer Part Number	AD7247ATQ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD7247ATQ
ECAD Model	Request Free CAD Models
Parts Description	IC DAC 12BIT V-OUT 24CDIP
Package	24-CDIP (0.300", 7.62mm)
Data sheet	AD7237A,47A.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD7247ATQ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7247ATQ datasheet/specifications on AllelcoElec.com.
Request a quote for AD7247ATQ, please send us email: info@allelco.com

Specifications

AD7247ATQ Tech Specifications

AD7247ATQ - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Operating Temperature	-55°C ~ 125°C
Voltage - Supply, Digital	10.8V ~ 16.5V	Number of D/A Converters	2
Voltage - Supply, Analog	±10.8V ~ 16.5V	Number of Bits	12
Supplier Device Package	24-CDIP	Mounting Type	Through Hole
Settling Time	10µs	INL/DNL (LSB)	±1 (Max), ±0.9 (Max)
Series	DACPORT®	Differential Output	No
Reference Type	External, Internal	Data Interface	Parallel
Package / Case	24-CDIP (0.300", 7.62mm)	Base Product Number	AD7247
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. AD7247ATQ

Product Attribute				
Part Number	AD7247ATQ	AD7247AAR	AD7247KNZ	AD7247AARZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Mounting Type	Through Hole	Surface Mount	Through Hole	Surface Mount
Operating Temperature	-55°C ~ 125°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Package	Tube	Tube	Tube	Tube
Voltage - Supply, Analog	±10.8V ~ 16.5V	±10.8V ~ 16.5V	±15V	±10.8V ~ 16.5V
Data Interface	Parallel	Parallel	Parallel	Parallel
Supplier Device Package	24-CDIP	24-SOIC	24-PDIP	24-SOIC
Voltage - Supply, Digital	10.8V ~ 16.5V	10.8V ~ 16.5V	15V	10.8V ~ 16.5V
INL/DNL (LSB)	±1 (Max), ±0.9 (Max)	±1 (Max), ±0.9 (Max)	±0.5 (Max), ±0.9 (Max)	±1 (Max), ±0.9 (Max)
Package / Case	24-CDIP (0.300", 7.62mm)	24-SOIC (0.295", 7.50mm Width)	24-DIP (0.300", 7.62mm)	24-SOIC (0.295", 7.50mm Width)
Differential Output	No	No	No	No
Base Product Number	AD7247	AD7247	AD7247	AD7247
Number of D/A Converters	2	2	2	2
Reference Type	External, Internal	External, Internal	External, Internal	External, Internal
Settling Time	10µs	8µs	10µs	8µs
Architecture	R-2R	R-2R	R-2R	R-2R
Number of Bits	12	12	12	12
Output Type	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered
Series	DACPORT®	DACPORT®	DACPORT®	DACPORT®

AD7247ATQ Datasheet PDF

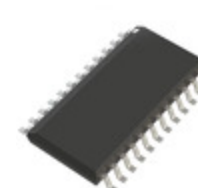
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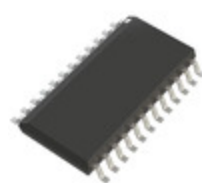
Datasheets

[AD7237A,47A.pdf](#)

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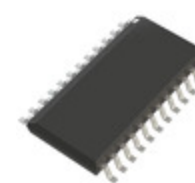


AD7247AARAnalog Devices Inc.
IC DAC 12BIT V-OUT 24SOIC**AD7247JRZ**Analog Devices Inc.
IC DAC 12BIT V-OUT 24SOIC**AD7247KNZ**Analog Devices Inc.
IC DAC 12BIT V-OUT 24DIP**AD7247ABNZ**Analog Devices Inc.
IC DAC 12BIT V-OUT 24DIP**AD7247AARZ**Analog Devices Inc.
IC DAC 12BIT V-OUT 24SOIC**AD7247ATQ/QML**

ADI (Analog Devices, Inc.)

AD7247AR

ADI (Analog Devices, Inc.)

**AD7247KN**Analog Devices Inc.
IC DAC 12BIT V-OUT 24DIP**AD7247AQ**Analog Devices Inc.
IC DAC 12BIT V-OUT 24CDIP**AD7247JR**Analog Devices Inc.
IC DAC 12BIT V-OUT 24SOIC**AD7247ABRZ**Analog Devices Inc.
IC DAC 12BIT V-OUT 24SOIC**AD7247ABR**Analog Devices Inc.
IC DAC 12BIT V-OUT 24SOIC**AD7247JN**Analog Devices Inc.
IC DAC 12BIT V-OUT 24DIP**AD7245JP**Analog Devices Inc.
IC DAC 12BIT V-OUT 28PLCC**AD7247AAN**Analog Devices Inc.
IC DAC 12BIT V-OUT 24DIP**AD7247JNZ**Analog Devices Inc.
IC DAC 12BIT V-OUT 24DIP**AD7247KRZ**Analog Devices Inc.
IC DAC 12BIT V-OUT 24SOIC**AD7247ABN**Analog Devices Inc.
IC DAC 12BIT V-OUT 24DIP

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

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Certifications & Memberships



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