



Image may be representation.
See specifications for product details.



AD5444YRMZ

Manufacturer Part Number	AD5444YRMZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD5444YRMZ
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC DAC 12BIT A-OUT 10MSOP
Package	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)
Data sheet	AD5444,46.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD5444YRMZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD5444YRMZ datasheet/specifications on AllelcoElec.com.
Request a quote for AD5444YRMZ, please send us email: info@allelco.com

Specifications

AD5444YRMZ Tech Specifications

AD5444YRMZ - 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	2.5V ~ 5.5V	Number of D/A Converters	1
Voltage - Supply, Analog	2.5V ~ 5.5V	Number of Bits	12
Supplier Device Package	10-MSOP	Mounting Type	Surface Mount
Settling Time	110ns	INL/DNL (LSB)	±0.5 (Max), ±1 (Max)
Series	-	Differential Output	Yes
Reference Type	External	Data Interface	SPI, DSP
Package / Case	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	Base Product Number	AD5444
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. AD5444YRMZ

Product Attribute				
Part Number	AD5444YRMZ	AD5446YRM	AD5441BCPZ-REEL7	AD5445YRUZ-REEL
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Data Interface	SPI, DSP	SPI, DSP	Serial	Parallel
Base Product Number	AD5444	AD5446	AD5441	AD5445
Number of D/A Converters	1	1	1	1
Series	-	-	-	-
Reference Type	External	External	External	External
Number of Bits	12	14	12	12
Voltage - Supply, Analog	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V
INL/DNL (LSB)	±0.5 (Max), ±1 (Max)	±2 (Max), -1/+2 (Max)	±0.5 (Max), ±0.5 (Max)	±1 (Max), -1/+2 (Max)
Differential Output	Yes	Yes	No	Yes
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Output Type	Current - Unbuffered	Current - Unbuffered	Current - Unbuffered	Current - Unbuffered
Settling Time	110ns	110ns	5µs	120ns
Supplier Device Package	10-MSOP	10-MSOP	8-LFCSP-WD (3x3)	20-TSSOP
Voltage - Supply, Digital	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V	2.5V ~ 5.5V
Architecture	R-2R	R-2R	R-2R	R-2R
Package / Case	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	8-VDFN Exposed Pad, CSP	20-TSSOP (0.173", 4.40mm Width)
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Package	Tube	Tube	Bulk	Tape & Reel (TR)

AD5444YRMZ Datasheet PDF

Download AD5444YRMZ pdf datasheets and Analog Devices Inc. documentation for AD5444YRMZ - Analog Devices Inc..

Datasheets

[AD5444,46.pdf](#)

PCN Assembly/Origin

[Assembly Site Chg 26/Jan/2016.pdf](#)

PCN Design/Specification

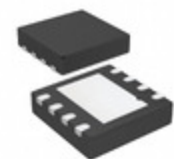
[AD544/AD545 DS Chg 3/Mar/2021.pdf](#)

Customers Also Interested in

Recommended Products



AD5446YRM
Analog Devices Inc.
IC DAC 14BIT A-OUT 10MSOP



AD5441BCPZ-REEL7
Analog Devices Inc.
IC DAC 12BIT A-OUT 8LFCSP-WD



AD5445YRUZ-REEL
Analog Devices Inc.
IC DAC 12BIT A-OUT 20TSSOP



AD5445YCP
Analog Devices Inc.
IC DAC 12BIT PARALL IOUT 20LFCSP



AD5443YRMZ-REEL
Analog Devices Inc.
IC DAC 12BIT A-OUT 10MSOP



AD5446YRMZ
Analog Devices Inc.
IC DAC 14BIT A-OUT 10MSOP



AD5443YRMZ-REEL7
Analog Devices Inc.
IC DAC 12BIT A-OUT 10MSOP



AD5445YRUZ
Analog Devices Inc.
IC DAC 12BIT A-OUT 20TSSOP



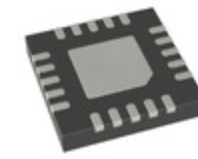
AD5444YRMZ-REEL7
Analog Devices Inc.
IC DAC 12BIT A-OUT 10MSOP



AD5441BRMZ-REEL7
Analog Devices Inc.
IC DAC 12BIT A-OUT 8MSOP



AD5441BCPZ
ADI (Analog Devices, Inc.)



AD5445YCPZ
Analog Devices Inc.
IC DAC 12BIT A-OUT 20LFCSP



AD5447YRUZ
Analog Devices Inc.
IC DAC 12BIT A-OUT 24TSSOP



AD5441ARZ
ADI (Analog Devices, Inc.)



AD5446YRMZ-RL7
Analog Devices Inc.
IC DAC 14BIT A-OUT 10MSOP



AD5443YRMZ(D1S)
ADI (Analog Devices, Inc.)



AD5443YRMZ
Analog Devices Inc.
IC DAC 12BIT A-OUT 10MSOP



AD5445YRUZ-REEL7
Analog Devices Inc.
IC DAC 12BIT A-OUT 20TSSOP

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



[View More](#)

Contact us

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