



Image may be representation.  
See specifications for product details.



## MX7545AKN

Manufacturer Part Number	<b>MX7545AKN</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MX7545AKN
ECAD Model	Request Free CAD Models
Parts Description	IC DAC 12BIT A-OUT 20DIP
Package	20-DIP (0.300", 7.62mm)
Data sheet	MX7545AKN.pdf

**Get a Quote**

MX7545AKN - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology MX7545AKN datasheet/specifications on AllelcoElec.com.  
Request a quote for MX7545AKN, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MX7545AKN Tech Specifications

MX7545AKN - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Output Type	Current - Unbuffered
Voltage - Supply, Digital	4.75V ~ 5.25V, 14.25V ~ 15.75V	Operating Temperature	0°C ~ 70°C
Voltage - Supply, Analog	4.75V ~ 5.25V, 14.25V ~ 15.75V	Number of D/A Converters	1
Supplier Device Package	20-PDIP	Number of Bits	12
Settling Time	1µs	Mounting Type	Through Hole
Series	-	INL/DNL (LSB)	±0.5 (Max), ±1 (Max)
Reference Type	External	Differential Output	No
Package / Case	20-DIP (0.300", 7.62mm)	Data Interface	Parallel
Package	Bulk	Architecture	Multiplying DAC, R-2R

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MX7545AKN

Product Attribute				
Part Number	MX7545AKN	MX7545ALCWP+T	MX7545AKCWP+	MX7545JCWP+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Supplier Device Package	20-PDIP	20-SOIC	20-SOIC	20-SOIC
Series	-	-	-	-
Output Type	Current - Unbuffered	Current - Unbuffered	Current - Unbuffered	Current - Unbuffered
Differential Output	No	No	No	No
Package	Bulk	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Voltage - Supply, Analog	4.75V ~ 5.25V, 14.25V ~ 15.75V	5V ~ 15V	5V ~ 15V	5V ~ 15V
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount
Architecture	Multiplying DAC, R-2R	R-2R	R-2R	R-2R
Number of Bits	12	12	12	12
Package / Case	20-DIP (0.300", 7.62mm)	20-SOIC (0.295", 7.50mm Width)	20-SOIC (0.295", 7.50mm Width)	20-SOIC (0.295", 7.50mm Width)
Reference Type	External	External	External	External
Operating Temperature	0°C ~ 70°C	0°C ~ 70°C	0°C ~ 70°C	0°C ~ 70°C
Settling Time	1µs	1µs	1µs	2µs
INL/DNL (LSB)	±0.5 (Max), ±1 (Max)	±0.5 (Max), ±1 (Max)	±0.5 (Max), ±1 (Max)	±2 (Max), ±4 (Max)
Voltage - Supply, Digital	4.75V ~ 5.25V, 14.25V ~ 15.75V	5V ~ 15V	5V ~ 15V	5V ~ 15V
Data Interface	Parallel	Parallel	Parallel	Parallel
Number of D/A Converters	1	1	1	1

### Customers Also Interested in

#### Recommended Products



**MX7545ALP-T**

Analog Devices / Maxim Integrated



**MX7545KEWP**

Analog Devices / Maxim Integrated



**MX7545ALCWP+T**

Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT A-OUT 20SOIC



**MX7545AKCWP+**

Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT A-OUT 20SOIC



**MX7543KCWE-T**

Analog Devices / Maxim Integrated



**MX7545JCWP+T**

Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT A-OUT 20SOIC



**MX7545ABQ**

Analog Devices / Maxim Integrated



**MX7545AKEWP+T**

Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT A-OUT 20SOIC



**MX7543KN**

Analog Devices / Maxim Integrated



**MX7545JN**

Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT A-OUT 20DIP



**MX7545KEWP+T**

Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT A-OUT 20SOIC



**MX7545ALP**

Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT A-OUT 20PLCC



### MX7545TQ/883B

Analog Devices / Maxim Integrated



### MX7545ACWP+T

Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT A-OUT 20SOIC



### MX7545AKCWP+T

Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT A-OUT 20SOIC



### MX7543KCWE+T

Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT A-OUT 16SOIC



### MX7545AKEWP

Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT A-OUT 20SOIC

### MX7545KCWP+T

Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT A-OUT 20SOIC

## 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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Email

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## Certifications & Memberships



[View More](#)



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