

Image may be representation.  
See specifications for product details.



## MX7828KP

Manufacturer Part Number	<b>MX7828KP</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MX7828KP
ECAD Model	Request Free CAD Models
Parts Description	<b>MX7828 8-BIT ADC</b>
Package	<b>28-LCC (J-Lead)</b>
Data sheet	MX7828KP.pdf

**Get a Quote**

MX7828KP - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology MX7828KP datasheet/specifications on AllelcoElec.com.  
Request a quote for MX7828KP, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MX7828KP Tech Specifications

MX7828KP - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Operating Temperature	0°C ~ 70°C (TA)
Voltage - Supply, Digital	4.75V ~ 5.25V	Number of Inputs	8
Voltage - Supply, Analog	4.75V ~ 5.25V	Number of Bits	8
Supplier Device Package	28-PLCC (11.5x11.5)	Number of A/D Converters	2
Series	-	Mounting Type	Surface Mount
Sampling Rate (Per Second)	400k	Input Type	Single Ended
Reference Type	External, Internal	Features	-
Ratio - S/H:ADC	0:2	Data Interface	-
Package / Case	28-LCC (J-Lead)	Configuration	MUX-S/H-ADC
Package	Bulk	Architecture	Flash

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MX7828KP

Product Attribute				
Part Number	MX7828KP	<b>MX7828LCWI</b>	<b>MX7828KN</b>	<b>MX7828KCWI</b>
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Ratio - S/H:ADC	0:2	0:2	0:2	0:2
Input Type	Single Ended	Single Ended	Single Ended	Single Ended
Series	-	-	-	-
Number of Bits	8	8	8	8
Voltage - Supply, Digital	4.75V ~ 5.25V	4.75V ~ 5.25V	4.75V ~ 5.25V	4.75V ~ 5.25V
Number of Inputs	8	8	8	8
Voltage - Supply, Analog	4.75V ~ 5.25V	4.75V ~ 5.25V	4.75V ~ 5.25V	4.75V ~ 5.25V
Architecture	Flash	Flash	Flash	Flash
Mounting Type	Surface Mount	Surface Mount	Through Hole	Surface Mount
Supplier Device Package	28-PLCC (11.5x11.5)	28-SOIC	28-PDIP	28-SOIC
Number of A/D Converters	2	2	2	2
Reference Type	External, Internal	External, Internal	External, Internal	External, Internal
Package	Bulk	Bulk	Bulk	Bulk
Features	-	-	-	-
Configuration	MUX-S/H-ADC	MUX-S/H-ADC	MUX-S/H-ADC	MUX-S/H-ADC
Package / Case	28-LCC (J-Lead)	28-SOIC (0.295", 7.50mm Width)	28-DIP (0.600", 15.24mm)	28-SOIC (0.295", 7.50mm Width)
Operating Temperature	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)
Data Interface	-	-	-	-
Sampling Rate (Per Second)	400k	400k	400k	400k

### Customers Also Interested in

#### Recommended Products



**MX7828LCWI**

Analog Devices Inc./Maxim Integrated  
MX7828 8-BIT ADC



**MX7828KN**

Analog Devices Inc./Maxim Integrated  
MX7828 8-BIT ADC



**MX7828KCWI**

Analog Devices Inc./Maxim Integrated  
MX7828 8-BIT ADC



**MX7824KCWG-T**

Analog Devices / Maxim Integrated



**MX7824LN**

Analog Devices Inc./Maxim Integrated  
MX7824 8-BIT ADC



**MX7845JP**

Analog Devices / Maxim Integrated



### MX7828KCWI+

Analog Devices Inc./Maxim Integrated  
IC ADC 8BIT HS 28-SOIC



### MX7824TQ

Analog Devices / Maxim Integrated



### MX7824KN

Analog Devices Inc./Maxim Integrated  
MX7824 8-BIT ADC



### MX7837JR

Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT V-OUT 24SOIC



### MX7828LCAI

Analog Devices / Maxim Integrated



### MX7847AR+T

Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT V-OUT 24SOIC



### MX7847BR+

Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT V-OUT 24SOIC



### MX7837KR+

Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT V-OUT 24SOIC



### MX7824TQ/883B

MAX USA CORP.



### MX7837JN+

Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT V-OUT 24DIP



### MX7824LCWG

Analog Devices Inc./Maxim Integrated  
MX7824 8-BIT ADC

## 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



View More



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