



Image may be representation.
See specifications for product details.



EPM7512AETC144-12

Manufacturer Part Number **EPM7512AETC144-12**

Manufacturer **Intel**

Allelco Part Number **32D-EPM7512AETC144-12**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC CPLD 512MC 12NS 144TQFP**

Package **144-LQFP**

Data sheet **[Cylindrical Battery Holders.pdf](#)**

Get a Quote

EPM7512AETC144-12 - Intel.New Original in Stock. Download Linear Technology EPM7512AETC144-12 datasheet/specifications on AllelcoElec.com.

Request a quote for EPM7512AETC144-12, please send us email: info@allelco.com

Specifications

EPM7512AETC144-12 Tech Specifications

EPM7512AETC144-12 - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Number of Macrocells	512
Voltage Supply - Internal	3V ~ 3.6V	Number of Logic Elements/Blocks	32
Supplier Device Package	144-TQFP (20x20)	Number of I/O	120
Series	MAX® 7000A	Number of Gates	10000
Programmable Type	In System Programmable	Mounting Type	Surface Mount
Package / Case	144-LQFP	Delay Time tpd(1) Max	12 ns
Package	Tray	Base Product Number	EPM7512
Operating Temperature	0°C ~ 70°C (TA)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EPM7512AETC144-12

Product Attribute				
Part Number	EPM7512AETC144-12	EPM7512BFC256-5N	EPM7512AEQC208-7N	EPM7512AEQI208-10
Manufacturer	Intel	Altera	Intel	Intel
Programmable Type	In System Programmable	In System Programmable	In System Programmable	In System Programmable
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Delay Time tpd(1) Max	12 ns	5.5 ns	7.5 ns	10 ns
Series	MAX® 7000A	MAX® 7000B	MAX® 7000A	MAX® 7000A
Supplier Device Package	144-TQFP (20x20)	256-FBGA (17x17)	208-PQFP (28x28)	208-PQFP (28x28)
Operating Temperature	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)
Package	Tray	Bulk	Tray	Tray
Number of Logic Elements/Blocks	32	32	32	32
Voltage Supply - Internal	3V ~ 3.6V	2.375V ~ 2.625V	3V ~ 3.6V	3V ~ 3.6V
Number of Macrocells	512	512	512	512
Package / Case	144-LQFP	256-BGA	208-BFQFP	208-BFQFP
Base Product Number	EPM7512	EPM7512	EPM7512	EPM7512
Number of Gates	10000	10000	10000	10000
Number of I/O	120	212	176	176

EPM7512AETC144-12 Datasheet PDF

Download EPM7512AETC144-12 pdf datasheets and Intel documentation for EPM7512AETC144-12 - Intel.

Datasheets

[Cylindrical Battery Holders.pdf](#)

PCN Other

[Software Disc 06/Nov/2020.pdf](#)

PCN Design/Specification

[Cylindrical Battery Holders.pdf](#)

PCN Packaging

[Mult Dev Label CHG 24/Jan/2020.pdf](#)

[Mult Dev Label Chgs 24/Feb/2020.pdf](#)

PCN Obsolescence/ EOL

[Cylindrical Battery Holders.pdf](#)

Customers Also Interested in

Recommended Products

					
EPM7512BFC256-5N Altera IC CPLD 512MC 5.5NS 256FBGA	EPM7512AEQC208-7N Intel IC CPLD 512MC 7.5NS 208QFP	EPM7512AEQI208-10 Intel IC CPLD 512MC 10NS 208QFP	EPM7512AETC144-7N Intel IC CPLD 512MC 7.5NS 144TQFP	EPM7512AEQC208-10 Intel IC CPLD 512MC 10NS 208QFP	EPM7512AEFI256-10 Intel IC CPLD 512MC 10NS 256FBGA
					
EPM7512AEQC208-7 Intel IC CPLD 512MC 7.5NS 208QFP	EPM7512BFC256-5 Intel IC CPLD 512MC 5.5NS 256FBGA	EPM7512BFC256-5N Intel IC CPLD 512MC 5.5NS 256FBGA	EPM7512BFC256-7 Intel IC CPLD 512MC 7.5NS 256FBGA	EPM7512AETC144-12N Intel IC CPLD 512MC 12NS 144TQFP	EPM7512AEQC208-12 Intel IC CPLD 512MC 12NS 208QFP
					
EPM7512AETC144-10N Intel IC CPLD 512MC 10NS 144TQFP	EPM7512AEQC208-10N Intel IC CPLD 512MC 10NS 208QFP	EPM7512AEQI208-7N Altera (Intel)	EPM7512BFC256-10 Intel IC CPLD 512MC 10NS 256FBGA	EPM7512AETC144-7 Intel IC CPLD 512MC 7.5NS 144TQFP	EPM7512AEQI208-10N Intel IC CPLD 512MC 10NS 208QFP

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 -

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Contact us if you have any questions.

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