

Image may be representation.  
See specifications for product details.



## EPM7512AEFC256-7

Manufacturer Part Number	<a href="#">EPM7512AEFC256-7</a>
Manufacturer	<a href="#">Intel</a>
Allelco Part Number	32D-EPM7512AEFC256-7
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC CPLD 512MC 7.5NS 256FBGA
Package	256-BGA
Data sheet	<a href="#">256-FBGA Pkg Info.pdf</a> <a href="#">MAX 7000A.pdf</a>

[Get a Quote](#)

EPM7512AEFC256-7 - Intel.New Original in Stock. Download Linear Technology EPM7512AEFC256-7 datasheet/specifications on AllelcoElec.com.  
Request a quote for EPM7512AEFC256-7, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

EPM7512AEFC256-7 Tech Specifications  
EPM7512AEFC256-7 - 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	256-FBGA (17x17)	Number of I/O	212
Series	MAX® 7000A	Number of Gates	10000
Programmable Type	In System Programmable	Mounting Type	Surface Mount
Package / Case	256-BGA	Delay Time tpd(1) Max	7.5 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 EPM7512AEFC256-7

Product Attribute				
Part Number	EPM7512AEFC256-7	<a href="#">EPM7512AEQC208-10</a>	<a href="#">EPM7512AEBI256-7</a>	<a href="#">EPM7512AEQC208-7</a>
Manufacturer	Intel	Intel	Intel	Intel
Number of Gates	10000	10000	10000	10000
Base Product Number	EPM7512	EPM7512	EPM7512	EPM7512
Programmable Type	In System Programmable	In System Programmable	In System Programmable	In System Programmable
Number of Macrocells	512	512	512	512
Package / Case	256-BGA	208-BFQFP	256-BGA	208-BFQFP
Supplier Device Package	256-FBGA (17x17)	208-PQFP (28x28)	256-FBGA (17x17)	208-PQFP (28x28)
Voltage Supply - Internal	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V
Number of I/O	212	176	212	176
Series	MAX® 7000A	MAX® 7000A	MAX® 7000A	MAX® 7000A
Number of Logic Elements/Blocks	32	32	32	32
Delay Time tpd(1) Max	7.5 ns	10 ns	7.5 ns	7.5 ns
Package	Tray	Tray	Tray	Tray
Operating Temperature	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

### EPM7512AEFC256-7 Datasheet PDF

Download EPM7512AEFC256-7 pdf datasheets and Intel documentation for EPM7512AEFC256-7 - Intel.

#### Datasheets

- [256-FBGA Pkg Info.pdf](#)
- [MAX 7000A.pdf](#)

#### PCN Other

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

#### PCN Design/Specification

- [Mult Series Software Chgs 26/Mar/2020.pdf](#)
- [Mult Dev Substrate Material Chg 25/Aug/2017.pdf](#)

#### PCN Packaging

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

#### PCN Obsolescence/ EOL

- [Mult Dev EOL 4/Dec/2020.pdf](#)

## Customers Also Interested in

### Recommended Products

					
<b>EPM7512AEQC208-10</b>	<b>EPM7512AEBI256-7</b>	<b>EPM7512AEQC208-7</b>	<b>EPM7512AEQI208-10N</b>	<b>EPM7512AEQI208-10</b>	<b>EPM7512AEQC208-12</b>
Intel IC CPLD 512MC 10NS 208QFP	Intel IC CPLD 512MC 7.5NS 256FBGA	Intel IC CPLD 512MC 7.5NS 208QFP	Intel IC CPLD 512MC 10NS 208QFP	Intel IC CPLD 512MC 10NS 208QFP	Intel IC CPLD 512MC 12NS 208QFP
					
<b>EPM7512AETC144-10N</b>	<b>EPM7256WC208-2</b>	<b>EPM7256STC100-10</b>	<b>EPM7512AEBC256-7</b>	<b>EPM7512AEFC256-10</b>	<b>EPM7512AEBC256-12N</b>
Intel IC CPLD 512MC 10NS 144TQFP	Altera (Intel) Altera (Intel)	Altera (Intel) Altera (Intel)	Intel IC CPLD 512MC 7.5NS 256BGA	Intel IC CPLD 512MC 10NS 256FBGA	Altera (Intel) Altera (Intel)
					
<b>EPM7512AEBC256-10</b>	<b>EPM7512AEFI256-10</b>	<b>EPM7512AEQC208-7N</b>	<b>EPM7512AEQC208-10N</b>	<b>EPM7256TC144-7</b>	<b>EPM75128BUC169-5</b>
Intel IC CPLD 512MC 10NS 256BGA	Intel IC CPLD 512MC 10NS 256FBGA	Intel IC CPLD 512MC 7.5NS 208QFP	Intel IC CPLD 512MC 10NS 208QFP	Altera (Intel) Altera (Intel)	Altera (Intel) Altera (Intel)

## 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  
 Email  
 +00852 9146 4856      info@allelco.com

### Certifications & Memberships



View More