

Image may be representation.
See specifications for product details.



EPM7256BFI256-7

Manufacturer Part Number [EPM7256BFI256-7](#)

Manufacturer [Intel](#)

Allelco Part Number 32D-EPM7256BFI256-7

ECAD Model [Request Free CAD Models](#)

Parts Description IC CPLD 256MC 7.5NS 256FBGA

Package 256-BGA

Data sheet [256-FBGA Pkg Info.pdf](#)

[MAX 7000B Device Family Data Sheet.pdf](#)

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EPM7256BFI256-7 - Intel.New Original in Stock. Download Linear Technology EPM7256BFI256-7 datasheet/specifications on AllelcoElec.com.
Request a quote for EPM7256BFI256-7, please send us email: info@allelco.com

Specifications

EPM7256BFI256-7 Tech Specifications

EPM7256BFI256-7 - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Number of Macrocells	256
Voltage Supply - Internal	2.375V ~ 2.625V	Number of Logic Elements/Blocks	16
Supplier Device Package	256-FBGA (17x17)	Number of I/O	164
Series	MAX® 7000B	Number of Gates	5000
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	EPM7256
Operating Temperature	-40°C ~ 85°C (TA)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EPM7256BFI256-7

Product Attribute				
Part Number	EPM7256BFI256-7	EPM7256BQC208-5	EPM7256BQC208-7	EPM7256BFC256-7
Manufacturer	Intel	Intel	Intel	Intel
Series	MAX® 7000B	MAX® 7000B	MAX® 7000B	MAX® 7000B
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Gates	5000	5000	5000	5000
Package	Tray	Tray	Tray	Tray
Voltage Supply - Internal	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V	2.375V ~ 2.625V
Delay Time tpd(1) Max	7.5 ns	5 ns	7.5 ns	7.5 ns
Base Product Number	EPM7256	EPM7256	EPM7256	EPM7256
Number of I/O	164	164	164	164
Supplier Device Package	256-FBGA (17x17)	208-PQFP (28x28)	208-PQFP (28x28)	256-FBGA (17x17)
Operating Temperature	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)
Number of Logic Elements/Blocks	16	16	16	16
Package / Case	256-BGA	208-BFQFP	208-BFQFP	256-BGA
Programmable Type	In System Programmable	In System Programmable	In System Programmable	In System Programmable
Number of Macrocells	256	256	256	256

EPM7256BFI256-7 Datasheet PDF

Download EPM7256BFI256-7 pdf datasheets and Intel documentation for EPM7256BFI256-7 - Intel.

Datasheets

- [256-FBGA Pkg Info.pdf](#)
- [MAX 7000B Device Family Data Sheet.pdf](#)

PCN Packaging

- [All Dev Pkg Chg 1/Aug/2018.pdf](#)
- [Mult Dev Dessicant Chg 19/Jul/2019.pdf](#)

PCN Obsolescence/ EOL

- [EOL 01/Dec/2016.pdf](#)
- [EOL 21/Nov/2016.pdf](#)

PCN Other

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

PCN Design/Specification

- [Mult Series Software Chgs 26/Mar/2020.pdf](#)

Customers Also Interested in

Recommended Products

					
EPM7256BQC208-5	EPM7256BQC208-7	EPM7256BFC256-7	EPM7256BTC100-5	EPM7256BQC208-10	EPM7256ATC144-12
Intel IC CPLD 256MC 5NS 208QFP	Intel IC CPLD 256MC 7.5NS 208QFP	Intel IC CPLD 256MC 7.5NS 256FBGA	Altera IC CPLD 256MC 5NS 100TQFP	Intel IC CPLD 256MC 10NS 208QFP	Altera IC CPLD 256MC 12NS 144TQFP
					
EPM7256BFC256-10N	EPM7256BTC144-10N	EPM7256ATC100-7	EPM7256BTC144-10	EPM7256BFC256-5	EPM7256BFC256-7N
Intel IC CPLD 256MC 10NS 256FBGA	Intel IC CPLD 256MC 10NS 144TQFP	Altera IC CPLD 256MC 7.5NS 100TQFP	Intel IC CPLD 256MC 10NS 144TQFP	Intel IC CPLD 256MC 5NS 256FBGA	Intel IC CPLD 256MC 7.5NS 256FBGA
					
EPM7256BQC208-5	EPM7256BTC144-5N	EPM7256ATC144-10	EPM7256BTC144-5	EPM7256BTC100-5	EPM7256BFC256-10
Altera IC CPLD 256MC 5NS 208QFP	Intel IC CPLD 256MC 5NS 144TQFP	Altera IC CPLD 256MC 10NS 144TQFP	Intel IC CPLD 256MC 5NS 144TQFP	Intel IC CPLD 256MC 5NS 100TQFP	Intel IC CPLD 256MC 10NS 256FBGA

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.

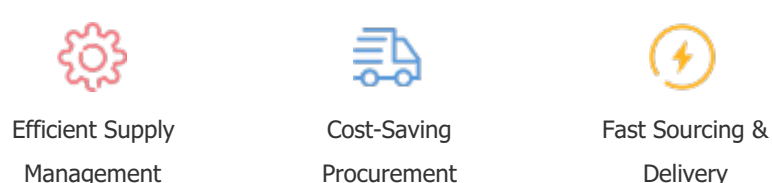
Payment Support

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 -



Contact us if you have any questions.



Certifications & Memberships



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