

Image may be representation.  
See specifications for product details.



## EPM240F100I5N

Manufacturer Part Number	<b>EPM240F100I5N</b>
Manufacturer	<b>Intel</b>
Allelco Part Number	32D-EPM240F100I5N
ECAD Model	Request Free CAD Models
Parts Description	IC CPLD 192MC 4.7NS 100FBGA
Package	100-LBGA
Data sheet	<b>Max II Device Order Guide.pdf</b>
RoHs Status	<b>RoHS Compliant</b>

**Get a Quote**

EPM240F100I5N - Intel.New Original in Stock. Download Linear Technology EPM240F100I5N datasheet/specifications on AllelcoElec.com.  
Request a quote for EPM240F100I5N, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

EPM240F100I5N Tech Specifications  
EPM240F100I5N - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	-40°C ~ 100°C (TJ)
Voltage Supply - Internal	2.5V, 3.3V	Number of Macrocells	192
Supplier Device Package	100-FBGA (11x11)	Number of Logic Elements/Blocks	240
Series	MAX® II	Number of I/O	80
Programmable Type	In System Programmable	Mounting Type	Surface Mount
Package / Case	100-LBGA	Delay Time tpd(1) Max	4.7 ns
Package	Tray	Base Product Number	EPM240

### Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EPM240F100I5N

Product Attribute				
Part Number	EPM240F100I5N	<b>EPM240GT100C4</b>	<b>EPM240GM100I5N</b>	<b>EPM240F100C5N</b>
Manufacturer	Intel	Intel	Intel	Intel
Package / Case	100-LBGA	100-TQFP	100-TFBGA	100-LBGA
Number of I/O	80	80	80	80
Supplier Device Package	100-FBGA (11x11)	100-TQFP (14x14)	100-MBGA (6x6)	100-FBGA (11x11)
Number of Logic Elements/Blocks	240	240	240	240
Series	MAX® II	MAX® II	MAX® II	MAX® II
Operating Temperature	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage Supply - Internal	2.5V, 3.3V	1.71V ~ 1.89V	1.71V ~ 1.89V	2.5V, 3.3V
Package	Tray	Tray	Tray	Tray
Delay Time tpd(1) Max	4.7 ns	4.7 ns	4.7 ns	4.7 ns
Programmable Type	In System Programmable	In System Programmable	In System Programmable	In System Programmable
Number of Macrocells	192	192	192	192
Base Product Number	EPM240	EPM240	EPM240	EPM240

### EPM240F100I5N Datasheet PDF

Download EPM240F100I5N pdf datasheets and Intel documentation for EPM240F100I5N - Intel.

#### Datasheets

[Max II Device Order Guide.pdf](#)

#### Errata

[MAX II Device Family Errata.pdf](#)

#### PCN Packaging

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

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

#### PCN Obsolescence/ EOL

[MAX II EOL-Reversal 19/Mar/2021.pdf](#)


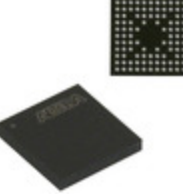

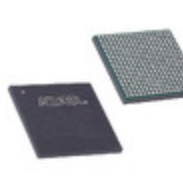

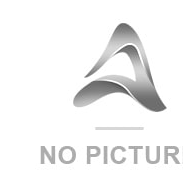
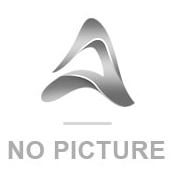
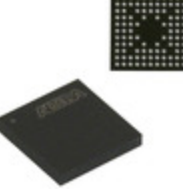

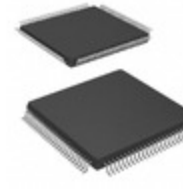
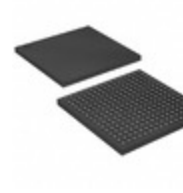
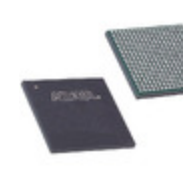

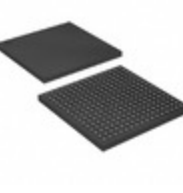

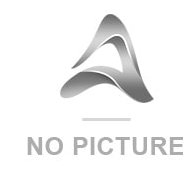

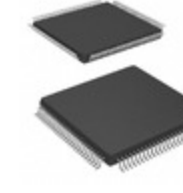
[Mult Dev EOL 4/Dec/2020.pdf](#)

#### PCN Design/Specification

[Quartus SW/Web Chgs 23/Sep/2021.pdf](#)

### Customers Also Interested in

## Recommended Products

 <b>EPM240GT100C4</b> Intel IC CPLD 192MC 4.7NS 100TQFP	 <b>EPM240GM100I5N</b> Intel IC CPLD 192MC 4.7NS 100MBGA	 <b>EPM240F100C5N</b> Intel IC CPLD 192MC 4.7NS 100FBGA	 <b>EPM2210GF324C5</b> Intel IC CPLD 1700MC 7NS 324FBGA	 <b>EPM240GT100C4N</b> Intel IC CPLD 192MC 4.7NS 100TQFP	 <b>EPM240F100C5G</b> NO PICTURE
 <b>EPM240F100I5G</b> NO PICTURE	 <b>EPM240GM100C5N</b> Intel IC CPLD 192MC 4.7NS 100MBGA	 <b>EPM240F100C4N</b> Intel IC CPLD 192MC 4.7NS 100FBGA	 <b>EPM240GT100C3N</b> Intel IC CPLD 192MC 4.7NS 100TQFP	 <b>EPM2210GF256I5N</b> Intel IC CPLD 1700MC 7NS 256FBGA	 <b>EPM2210GF324C4N</b> Intel IC CPLD 1700MC 7NS 324FBGA
 <b>EPM240GF100I5N</b> Intel IC CPLD 192MC 4.7NS 100FBGA	 <b>EPM2210GF256C5N</b> Intel IC CPLD 1700MC 7NS 256FBGA	 <b>EPM240GF100C5N</b> Intel IC CPLD 192MC 4.7NS 100FBGA	 <b>EPM2210F324I8N</b> NO PICTURE	 <b>EPM240F100I5</b> Intel IC CPLD 192MC 4.7NS 100FBGA	 <b>EPM240GT100C3</b> Intel IC CPLD 192MC 4.7NS 100TQFP

## 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.



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### Certifications & Memberships



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