

Image may be representation.  
See specifications for product details.



## EP4CE75F23C8N

Manufacturer Part Number	<b>EP4CE75F23C8N</b>
Manufacturer	<b>Intel</b>
Allelco Part Number	32D-EP4CE75F23C8N
ECAD Model	<a href="#">Request Free CAD Models</a>
Parts Description	IC FPGA 292 I/O 484FBGA
Package	484-BGA
Data sheet	<a href="#">Virtual JTAG Megafuntion Guide.pdf</a> <a href="#">Cyclone IV Device Datasheet.pdf</a> <a href="#">Cyclone IV Device Handbook.pdf</a>
RoHs Status	<b>RoHS Compliant</b>

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EP4CE75F23C8N - Intel.New Original in Stock. Download Linear Technology EP4CE75F23C8N datasheet/specifications on AllelcoElec.com.  
Request a quote for EP4CE75F23C8N, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

EP4CE75F23C8N Tech Specifications  
EP4CE75F23C8N - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	0°C ~ 85°C (TJ)
Voltage - Supply	1.15V ~ 1.25V	Number of Logic Elements/Cells	75408
Total RAM Bits	2810880	Number of LABs/CLBs	4713
Supplier Device Package	484-FBGA (23x23)	Number of I/O	292
Series	Cyclone® IV E	Mounting Type	Surface Mount
Package / Case	484-BGA	Base Product Number	EP4CE75
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP4CE75F23C8N

Product Attribute				
Part Number	EP4CE75F23C8N	EP4CE75F29C8N	EP4CE75F23C6N	EP4CGX110CF23C8N
Manufacturer	Intel	Intel	Intel	Intel
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of LABs/CLBs	4713	4713	4713	6839
Supplier Device Package	484-FBGA (23x23)	780-FBGA (29x29)	484-FBGA (23x23)	484-FBGA (23x23)
Total RAM Bits	2810880	2810880	2810880	5621760
Voltage - Supply	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V	1.16V ~ 1.24V
Package	Tray	Tray	Tray	Tray
Number of Logic Elements/Cells	75408	75408	75408	109424
Number of I/O	292	426	292	270
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Base Product Number	EP4CE75	EP4CE75	EP4CE75	EP4CGX110
Package / Case	484-BGA	780-BGA	484-BGA	484-BGA
Series	Cyclone® IV E	Cyclone® IV E	Cyclone® IV E	Cyclone® IV GX

### EP4CE75F23C8N Datasheet PDF

Download EP4CE75F23C8N pdf datasheets and Intel documentation for EP4CE75F23C8N - Intel.

#### Datasheets

- [Virtual JTAG Megafuntion Guide.pdf](#)
- [Cyclone IV Device Datasheet.pdf](#)
- [Cyclone IV Device Handbook.pdf](#)

#### Errata

- [2.73KHz.pdf](#)

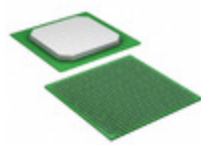
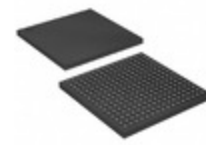
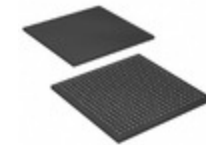
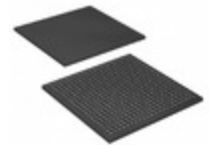
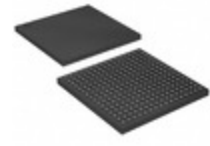
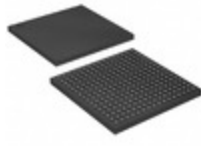
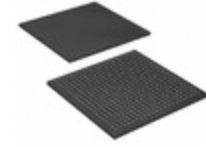
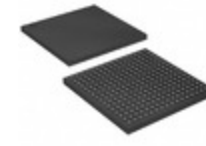
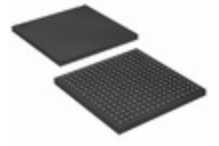
### Customers Also Interested in

#### Recommended Products

<b>EP4CE75F29C8N</b>	<b>EP4CE75F23C6N</b>	<b>EP4CGX110CF23C8N</b>	<b>EP4CGX110DF27C8N</b>	<b>EP4CGX110CF23I7N</b>	<b>EP4CE6U14I7N</b>
Intel	Intel	Intel	Intel	Intel	Intel
IC FPGA 426 I/O 780FBGA	IC FPGA 292 I/O 484FBGA	IC FPGA 270 I/O 484FBGA	IC FPGA 393 I/O 672FBGA	IC FPGA 270 I/O 484FBGA	IC FPGA 179 I/O 256UBGA

**EP4CE6E22I7N**Intel  
IC FPGA 91 I/O 144EQFP**EP4CE6F17C8NAD**

Intel

**EP4CGX110DF27C7N**Intel  
IC FPGA 393 I/O 672FBGA**EP4CE6F17C6N**Intel  
IC FPGA 179 I/O 256FBGA**EP4CE75F23I7N**Intel  
IC FPGA 292 I/O 484FBGA**EP4CE75U19I7N**Intel  
IC FPGA 292 I/O 484UBGA**EP4CE75F29C6N**Intel  
IC FPGA 426 I/O 780FBGA**EP4CE6F17C8N**Intel  
IC FPGA 179 I/O 256FBGA**EP4CE6F17I7N**Intel  
IC FPGA 179 I/O 256FBGA**EP4CGX110CF23C7N**Intel  
IC FPGA 270 I/O 484FBGA**EP4CE6F17A7N**Intel  
IC FPGA 179 I/O 256FBGA**EP4CE6F17C9LN**Intel  
IC FPGA 179 I/O 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 -

Efficient Supply  
ManagementCost-Saving  
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Delivery

Contact us if you have any questions.



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## Certifications & Memberships

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