

Image may be representation.  
See specifications for product details.



## EP4CE30F23I7N

Manufacturer Part Number	<b>EP4CE30F23I7N</b>
Manufacturer	<b>Intel</b>
Allelco Part Number	32D-EP4CE30F23I7N
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC FPGA 328 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	RoHS Compliant

**Get a Quote**

EP4CE30F23I7N - Intel.New Original in Stock. Download Linear Technology EP4CE30F23I7N datasheet/specifications on AllelcoElec.com.  
Request a quote for EP4CE30F23I7N, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

EP4CE30F23I7N Tech Specifications  
EP4CE30F23I7N - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	-40°C ~ 100°C (TJ)
Voltage - Supply	1.15V ~ 1.25V	Number of Logic Elements/Cells	28848
Total RAM Bits	608256	Number of LABs/CLBs	1803
Supplier Device Package	484-FBGA (23x23)	Number of I/O	328
Series	Cyclone® IV E	Mounting Type	Surface Mount
Package / Case	484-BGA	Base Product Number	EP4CE30
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP4CE30F23I7N

Product Attribute				
Part Number	EP4CE30F23I7N	EP4CE30F29C8N	EP4CE30F23I8LN	EP4CE40F23A7N
Manufacturer	Intel	Intel	Intel	Intel
Number of LABs/CLBs	1803	1803	1803	2475
Series	Cyclone® IV E	Cyclone® IV E	Cyclone® IV E	Cyclone® IV E
Package	Tray	Tray	Tray	Tray
Operating Temperature	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 125°C (TJ)
Number of Logic Elements/Cells	28848	28848	28848	39600
Supplier Device Package	484-FBGA (23x23)	780-FBGA (29x29)	484-FBGA (23x23)	484-FBGA (23x23)
Number of I/O	328	532	328	328
Total RAM Bits	608256	608256	608256	1161216
Base Product Number	EP4CE30	EP4CE30	EP4CE30	EP4CE40
Package / Case	484-BGA	780-BGA	484-BGA	484-BGA
Voltage - Supply	1.15V ~ 1.25V	1.15V ~ 1.25V	0.97V ~ 1.03V	1.15V ~ 1.25V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

### EP4CE30F23I7N Datasheet PDF

Download EP4CE30F23I7N pdf datasheets and Intel documentation for EP4CE30F23I7N - 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

**EP4CE30F29C8N**  
 Intel  
 IC FPGA 532 I/O 780FBGA

**EP4CE30F19A7NG**  
 Altera (Intel)

**EP4CE30F23I8LN**  
 Intel  
 IC FPGA 328 I/O 484FBGA

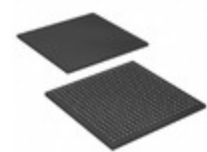
**EP4CE40F23A7N**  
 Intel  
 IC FPGA 328 I/O 484FBGA

**EP4CE30F23C8N**  
 Intel  
 IC FPGA 328 I/O 484FBGA

**EP4CE30F29C6N**  
 Intel  
 IC FPGA 532 I/O 780FBGA



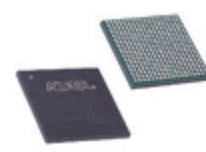
**EP4CE30F29I7N**  
Intel  
IC FPGA 532 I/O 780FBGA



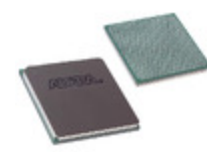
**EP4CE30F23C6N**  
Intel  
IC FPGA 328 I/O 484FBGA



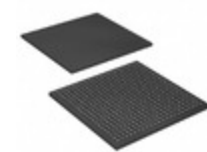
**EP4CE30F19C7N**  
Altera (Intel)



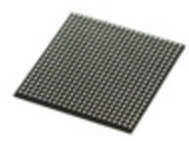
**EP4CE30F19A7N**  
Intel  
IC FPGA 193 I/O 324FBGA



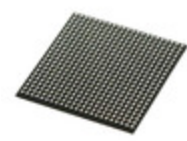
**EP4CE30F29C7N**  
Intel  
IC FPGA 532 I/O 780FBGA



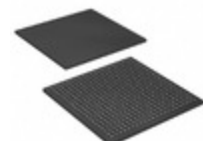
**EP4CE40F23C7N**  
Intel  
IC FPGA 328 I/O 484FBGA



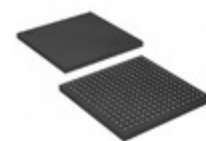
**EP4CE30F23C7N**  
Intel  
IC FPGA 328 I/O 484FBGA



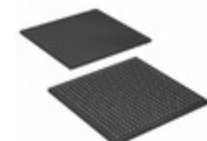
**EP4CE40F23C8**  
Intel  
IC FPGA 328 I/O 484FBGA



**EP4CE30F23C7**  
Intel  
IC FPGA 328 I/O 484FBGA



**EP4CE22F17I7N**  
Intel  
IC FPGA 153 I/O 256FBGA



**EP4CE30F23C8**  
Intel  
IC FPGA 328 I/O 484FBGA



**EP4CE40F23C6N**  
Intel  
IC FPGA 328 I/O 484FBGA

## 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

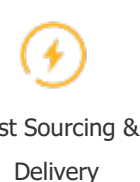
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

## 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.



+00852 9146 4856



info@allelco.com

## Certifications & Memberships



View More