

Image may be representation.  
See specifications for product details.



## EP4CGX30CF19C8N

Manufacturer Part Number	<b>EP4CGX30CF19C8N</b>
Manufacturer	<b>Intel</b>
Allelco Part Number	32D-EP4CGX30CF19C8N
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 150 I/O 324FBGA
Package	324-LBGA
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**

EP4CGX30CF19C8N - Intel.New Original in Stock. Download Linear Technology EP4CGX30CF19C8N datasheet/specifications on AllelcoElec.com.  
Request a quote for EP4CGX30CF19C8N, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

EP4CGX30CF19C8N Tech Specifications  
EP4CGX30CF19C8N - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	0°C ~ 85°C (TJ)
Voltage - Supply	1.16V ~ 1.24V	Number of Logic Elements/Cells	29440
Total RAM Bits	1105920	Number of LABs/CLBs	1840
Supplier Device Package	324-FBGA (19x19)	Number of I/O	150
Series	Cyclone® IV GX	Mounting Type	Surface Mount
Package / Case	324-LBGA	Base Product Number	EP4CGX30
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP4CGX30CF19C8N

Product Attribute				
Part Number	EP4CGX30CF19C8N	EP4CGX22CF19C7N	EP4CGX30CF23C7N	EP4CGX50CF23C8N
Manufacturer	Intel	Intel	Intel	Intel
Series	Cyclone® IV GX	Cyclone® IV GX	Cyclone® IV GX	Cyclone® IV GX
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Logic Elements/Cells	29440	21280	29440	49888
Number of I/O	150	150	290	290
Supplier Device Package	324-FBGA (19x19)	324-FBGA (19x19)	484-FBGA (23x23)	484-FBGA (23x23)
Voltage - Supply	1.16V ~ 1.24V	1.16V ~ 1.24V	1.16V ~ 1.24V	1.16V ~ 1.24V
Base Product Number	EP4CGX30	EP4CGX22	EP4CGX30	EP4CGX50
Number of LABs/CLBs	1840	1330	1840	3118
Total RAM Bits	1105920	774144	1105920	2562048
Package	Tray	Tray	Tray	Tray
Package / Case	324-LBGA	324-LBGA	484-BGA	484-BGA
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)

### EP4CGX30CF19C8N Datasheet PDF

Download EP4CGX30CF19C8N pdf datasheets and Intel documentation for EP4CGX30CF19C8N - 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

**EP4CGX22CF19C7N**  
Intel  
IC FPGA 150 I/O 324FBGA

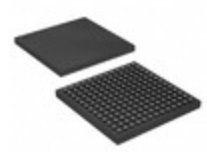
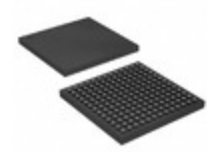
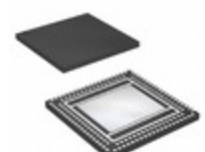
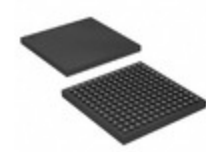
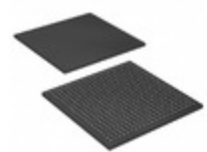
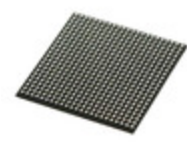
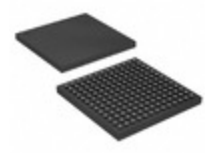
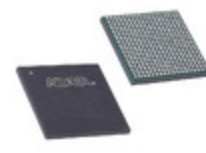
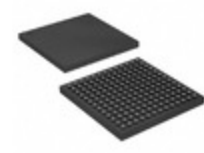
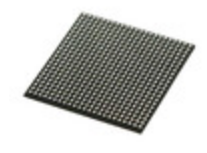
**EP4CGX30CF23C7N**  
Intel  
IC FPGA 290 I/O 484FBGA

**EP4CGX50CF23C8N**  
Intel  
IC FPGA 290 I/O 484FBGA

**EP4CGX50DF27C8N**  
Intel  
IC FPGA 310 I/O 672FBGA

**EP4CGX22CF19I7N**  
Intel  
IC FPGA 150 I/O 324FBGA

**EP4CGX50CF23I7**  
Intel  
IC FPGA 290 I/O 484FBGA

**EP4CGX22BF14C6N**Intel  
IC FPGA 72 I/O 169FBGA**EP4CGX30BF14C7N**Intel  
IC FPGA 72 I/O 169FBGA**EP4CGX15BN11I7N**Intel  
IC FPGA 72 I/O 148QFN**EP4CGX30BF14I7N**Intel  
IC FPGA 72 I/O 169FBGA**EP4CGX50CF23C7N**Intel  
IC FPGA 290 I/O 484FBGA**EP4CGX50CF23C6N**Intel  
IC FPGA 290 I/O 484FBGA**EP4CGX50CF23I7N**Intel  
IC FPGA 290 I/O 484FBGA**EP4CGX30CF23C8N**Intel  
IC FPGA 290 I/O 484FBGA**EP4CGX22BF14C8N**Intel  
IC FPGA 72 I/O 169FBGA**EP4CGX22CF19C8N**Intel  
IC FPGA 150 I/O 324FBGA**EP4CGX15BF14I7N**Intel  
IC FPGA 72 I/O 169FBGA**EP4CGX30CF23I7N**Intel  
IC FPGA 290 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 -

 Efficient Supply Management  
 Cost-Saving Procurement  
 Fast Sourcing & Delivery

Contact us if you have any questions.

 Phone  
+00852 9146 4856  
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info@allelco.com

## Certifications & Memberships



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