

Image may be representation.
See specifications for product details.



EP4CGX30BF14C7N

Manufacturer Part Number	EP4CGX30BF14C7N
Manufacturer	Intel
Allelco Part Number	32D-EP4CGX30BF14C7N
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC FPGA 72 I/O 169FBGA
Package	169-LBGA
Data sheet	Virtual JTAG Megafuntion Guide.pdf Cyclone IV Device Datasheet.pdf Cyclone IV Device Handbook.pdf
RoHs Status	RoHS Compliant

Get a Quote

EP4CGX30BF14C7N - Intel.New Original in Stock. Download Linear Technology EP4CGX30BF14C7N datasheet/specifications on AllelcoElec.com.
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Specifications

EP4CGX30BF14C7N Tech Specifications
EP4CGX30BF14C7N - 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	169-FBGA (14x14)	Number of I/O	72
Series	Cyclone® IV GX	Mounting Type	Surface Mount
Package / Case	169-LBGA	Base Product Number	EP4CGX30
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP4CGX30BF14C7N

Product Attribute				
Part Number	EP4CGX30BF14C7N	EP4CGX50CF23I7	EP4CGX50CF23C8N	EP4CGX22BF14C6N
Manufacturer	Intel	Intel	Intel	Intel
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Voltage - Supply	1.16V ~ 1.24V	1.16V ~ 1.24V	1.16V ~ 1.24V	1.16V ~ 1.24V
Package / Case	169-LBGA	484-BGA	484-BGA	169-LBGA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Total RAM Bits	1105920	2562048	2562048	774144
Supplier Device Package	169-FBGA (14x14)	484-FBGA (23x23)	484-FBGA (23x23)	169-FBGA (14x14)
Package	Tray	Tray	Tray	Tray
Number of I/O	72	290	290	72
Number of Logic Elements/Cells	29440	49888	49888	21280
Number of LABs/CLBs	1840	3118	3118	1330
Base Product Number	EP4CGX30	EP4CGX50	EP4CGX50	EP4CGX22
Series	Cyclone® IV GX	Cyclone® IV GX	Cyclone® IV GX	Cyclone® IV GX

EP4CGX30BF14C7N Datasheet PDF

Download EP4CGX30BF14C7N pdf datasheets and Intel documentation for EP4CGX30BF14C7N - 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

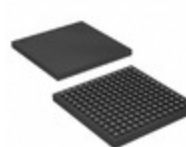
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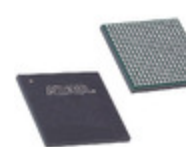
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Intel
IC FPGA 290 I/O 484FBGA



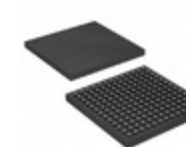
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Intel
IC FPGA 290 I/O 484FBGA



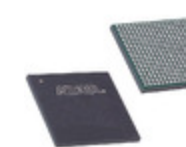
EP4CGX22BF14C6N
Intel
IC FPGA 72 I/O 169FBGA



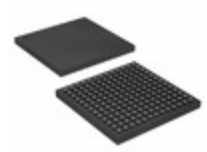
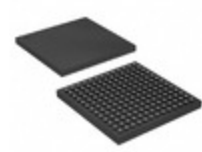
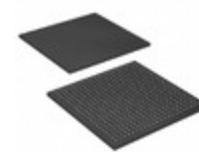
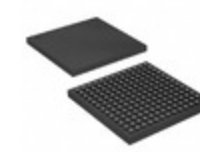
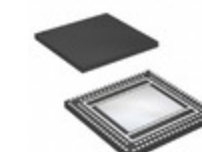
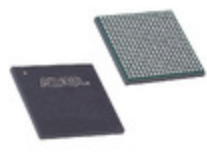
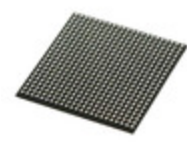
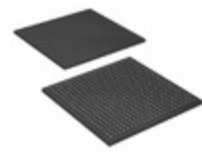
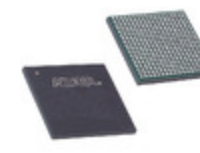
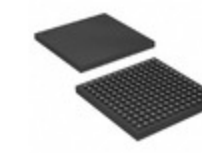
EP4CGX22CF19I7N
Intel
IC FPGA 150 I/O 324FBGA



EP4CGX15BF14I7N
Intel
IC FPGA 72 I/O 169FBGA



EP4CGX22CF19C8N
Intel
IC FPGA 150 I/O 324FBGA

**EP4CGX22BF14C8N**Intel
IC FPGA 72 I/O 169FBGA**EP4CGX50CF23C7N**Intel
IC FPGA 290 I/O 484FBGA**EP4CGX15BF14C7N**Intel
IC FPGA 72 I/O 169FBGA**EP4CGX50CF23C6N**Intel
IC FPGA 290 I/O 484FBGA**EP4CGX15BF14C8N**Intel
IC FPGA 72 I/O 169FBGA**EP4CGX15BN11I7N**Intel
IC FPGA 72 I/O 148QFN**EP4CGX30CF19C8N**Intel
IC FPGA 150 I/O 324FBGA**EP4CGX30CF23I7N**Intel
IC FPGA 290 I/O 484FBGA**EP4CGX30CF23C7N**Intel
IC FPGA 290 I/O 484FBGA**EP4CGX30CF23C8N**Intel
IC FPGA 290 I/O 484FBGA**EP4CGX22CF19C7N**Intel
IC FPGA 150 I/O 324FBGA**EP4CGX30BF14I7N**Intel
IC FPGA 72 I/O 169FBGA

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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 Efficient Supply Management
 Cost-Saving Procurement
 Fast Sourcing & Delivery

Contact us if you have any questions.

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