

Image may be representation.
See specifications for product details.



EP4CGX15BF14I7N

Manufacturer Part Number **EP4CGX15BF14I7N**

Manufacturer **Intel**

Allelco Part Number **32D-EP4CGX15BF14I7N**

ECAD Model [Request Free CAD Models](#)

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**

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EP4CGX15BF14I7N - Intel.New Original in Stock. Download Linear Technology EP4CGX15BF14I7N datasheet/specifications on AllelcoElec.com.
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Specifications

EP4CGX15BF14I7N Tech Specifications

EP4CGX15BF14I7N - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	-40°C ~ 100°C (TJ)
Voltage - Supply	1.16V ~ 1.24V	Number of Logic Elements/Cells	14400
Total RAM Bits	552960	Number of LABs/CLBs	900
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	EP4CGX15
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP4CGX15BF14I7N

Product Attribute				
Part Number	EP4CGX15BF14I7N	EP4CGX30CF19C8N	EP4CGX15BF14A7N	EP4CGX22CF19C6N
Manufacturer	Intel	Intel	Intel	Intel
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	Cyclone® IV GX	Cyclone® IV GX	Cyclone® IV GX	Cyclone® IV GX
Voltage - Supply	1.16V ~ 1.24V	1.16V ~ 1.24V	1.16V ~ 1.24V	1.16V ~ 1.24V
Operating Temperature	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 125°C (TJ)	0°C ~ 85°C (TJ)
Number of Logic Elements/Cells	14400	29440	14400	21280
Total RAM Bits	552960	1105920	552960	774144
Number of LABs/CLBs	900	1840	900	1330
Package	Tray	Tray	Tray	Tray
Number of I/O	72	150	72	150
Package / Case	169-LBGA	324-LBGA	169-LBGA	324-LBGA
Base Product Number	EP4CGX15	EP4CGX30	EP4CGX15	EP4CGX22
Supplier Device Package	169-FBGA (14x14)	324-FBGA (19x19)	169-FBGA (14x14)	324-FBGA (19x19)

EP4CGX15BF14I7N Datasheet PDF

Download EP4CGX15BF14I7N pdf datasheets and Intel documentation for EP4CGX15BF14I7N - Intel.

Datasheets



[Virtual JTAG Megafuntion Guide.pdf](#)



[Cyclone IV Device Datasheet.pdf](#)



[Cyclone IV Device Handbook.pdf](#)

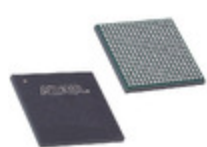
Errata



[2.73KHz.pdf](#)

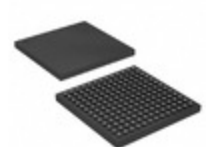
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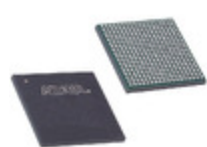
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Intel
IC FPGA 150 I/O 324FBGA



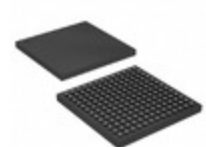
EP4CGX15BF14A7N

Intel
IC FPGA 72 I/O 169FBGA



EP4CGX22CF19C6N

Intel
IC FPGA 150 I/O 324FBGA



EP4CGX22BF14C8N

Intel
IC FPGA 72 I/O 169FBGA



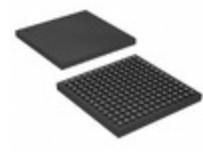
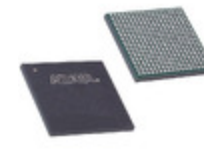
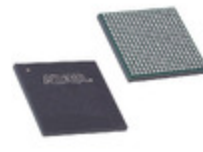
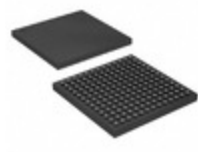
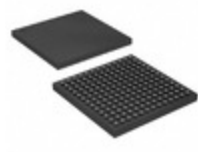
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Intel
IC FPGA 475 I/O 896FBGA



EP4CGX150DF31C7N

Intel
IC FPGA 475 I/O 896FBGA



EP4CGX150DF27I7NAF

Altera (Intel)

EP4CGX15BF14C6N

Intel
IC FPGA 72 I/O 169FBGA

EP4CGX15BF14C7N

Intel
IC FPGA 72 I/O 169FBGA

EP4CGX22CF19C8N

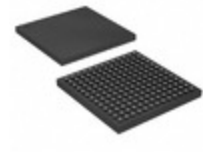
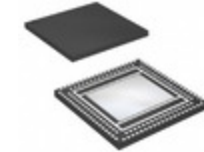
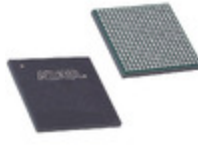
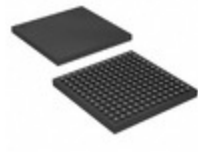
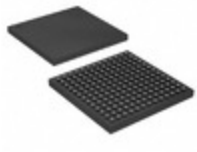
Intel
IC FPGA 150 I/O 324FBGA

EP4CGX22CF19I7N

Intel
IC FPGA 150 I/O 324FBGA

EP4CGX15BF14C8N

Intel
IC FPGA 72 I/O 169FBGA



EP4CGX30BF14I7N

Intel
IC FPGA 72 I/O 169FBGA

EP4CGX30BF14C7N

Intel
IC FPGA 72 I/O 169FBGA

EP4CGX22CF19C7N

Intel
IC FPGA 150 I/O 324FBGA

EP4CGX150DF31I7N

Intel
IC FPGA 475 I/O 896FBGA

EP4CGX15BN11I7N

Intel
IC FPGA 72 I/O 148QFN

EP4CGX22BF14C6N

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.



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
 Email
info@allelco.com

Certifications & Memberships



View More



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