

Image may be representation.
See specifications for product details.



EP4CGX22BF14C6N

Manufacturer Part Number **EP4CGX22BF14C6N**

Manufacturer **Intel**

Allelco Part Number **32D-EP4CGX22BF14C6N**

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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EP4CGX22BF14C6N - Intel.New Original in Stock. Download Linear Technology EP4CGX22BF14C6N datasheet/specifications on AllelcoElec.com.
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Specifications

EP4CGX22BF14C6N Tech Specifications

EP4CGX22BF14C6N - 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	21280
Total RAM Bits	774144	Number of LABs/CLBs	1330
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	EP4CGX22
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP4CGX22BF14C6N

Product Attribute				
Part Number	EP4CGX22BF14C6N	EP4CGX30CF19C8N	EP4CGX150DF31C7N	EP4CGX30CF23C8N
Manufacturer	Intel	Intel	Intel	Intel
Number of Logic Elements/Cells	21280	29440	149760	29440
Voltage - Supply	1.16V ~ 1.24V	1.16V ~ 1.24V	1.16V ~ 1.24V	1.16V ~ 1.24V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	169-FBGA (14x14)	324-FBGA (19x19)	896-FBGA (31x31)	484-FBGA (23x23)
Number of LABs/CLBs	1330	1840	9360	1840
Total RAM Bits	774144	1105920	6635520	1105920
Package / Case	169-LBGA	324-LBGA	896-BGA	484-BGA
Base Product Number	EP4CGX22	EP4CGX30	EP4CGX150	EP4CGX30
Number of I/O	72	150	475	290
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Package	Tray	Tray	Tray	Tray
Series	Cyclone® IV GX	Cyclone® IV GX	Cyclone® IV GX	Cyclone® IV GX

EP4CGX22BF14C6N Datasheet PDF

Download EP4CGX22BF14C6N pdf datasheets and Intel documentation for EP4CGX22BF14C6N - Intel.

Datasheets



[Virtual JTAG Megafuntion Guide.pdf](#)



[Cyclone IV Device Datasheet.pdf](#)



[Cyclone IV Device Handbook.pdf](#)

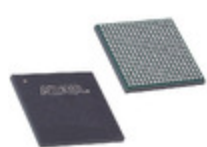
Errata



[2.73KHz.pdf](#)

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Recommended Products



EP4CGX30CF19C8N

Intel
IC FPGA 150 I/O 324FBGA



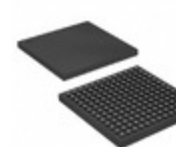
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Intel
IC FPGA 475 I/O 896FBGA



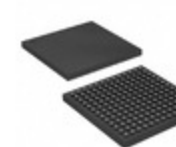
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Intel
IC FPGA 290 I/O 484FBGA



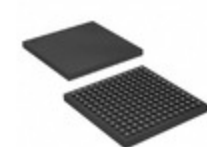
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Intel
IC FPGA 72 I/O 169FBGA



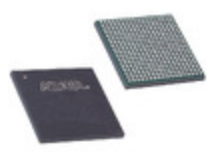
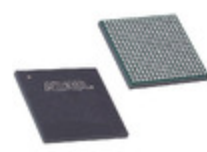
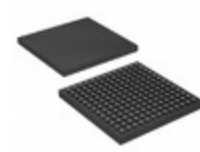
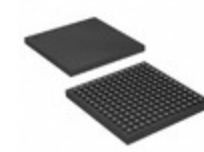
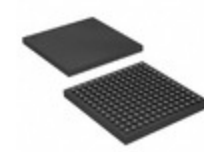
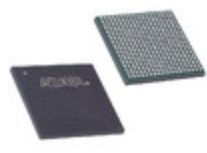
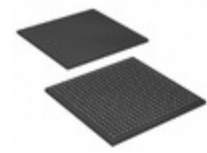
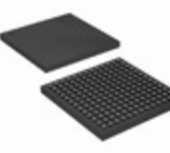
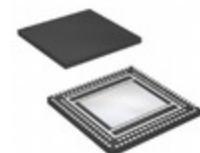
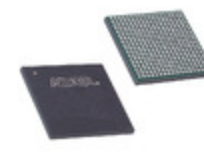
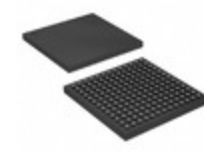
EP4CGX15BF14A7N

Intel
IC FPGA 72 I/O 169FBGA



EP4CGX15BF14C6N

Intel
IC FPGA 72 I/O 169FBGA

**EP4CGX22CF19I7N**Intel
IC FPGA 150 I/O 324FBGA**EP4CGX22CF19C6N**Intel
IC FPGA 150 I/O 324FBGA**EP4CGX150DF31C8N**Intel
IC FPGA 475 I/O 896FBGA**EP4CGX30BF14C7N**Intel
IC FPGA 72 I/O 169FBGA**EP4CGX15BF14C7N**Intel
IC FPGA 72 I/O 169FBGA**EP4CGX22BF14C8N**Intel
IC FPGA 72 I/O 169FBGA**EP4CGX22CF19C7N**Intel
IC FPGA 150 I/O 324FBGA**EP4CGX30CF23C7N**Intel
IC FPGA 290 I/O 484FBGA**EP4CGX15BF14C8N**Intel
IC FPGA 72 I/O 169FBGA**EP4CGX15BN11I7N**Intel
IC FPGA 72 I/O 148QFN**EP4CGX22CF19C8N**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.



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



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