

Image may be representation.
See specifications for product details.



EP4CGX22BF14C8N

Manufacturer Part Number	EP4CGX22BF14C8N
Manufacturer	Intel
Allelco Part Number	32D-EP4CGX22BF14C8N
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

EP4CGX22BF14C8N - Intel.New Original in Stock. Download Linear Technology EP4CGX22BF14C8N datasheet/specifications on AllelcoElec.com.
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Specifications

EP4CGX22BF14C8N Tech Specifications
EP4CGX22BF14C8N - 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 EP4CGX22BF14C8N

Product Attribute				
Part Number	EP4CGX22BF14C8N	EP4CGX30CF19C8N	EP4CGX15BF14C8N	EP4CGX30CF23I7N
Manufacturer	Intel	Intel	Intel	Intel
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)
Number of Logic Elements/Cells	21280	29440	14400	29440
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply	1.16V ~ 1.24V	1.16V ~ 1.24V	1.16V ~ 1.24V	1.16V ~ 1.24V
Base Product Number	EP4CGX22	EP4CGX30	EP4CGX15	EP4CGX30
Total RAM Bits	774144	1105920	552960	1105920
Number of I/O	72	150	72	290
Series	Cyclone® IV GX	Cyclone® IV GX	Cyclone® IV GX	Cyclone® IV GX
Package / Case	169-LBGA	324-LBGA	169-LBGA	484-BGA
Number of LABs/CLBs	1330	1840	900	1840
Package	Tray	Tray	Tray	Tray
Supplier Device Package	169-FBGA (14x14)	324-FBGA (19x19)	169-FBGA (14x14)	484-FBGA (23x23)

EP4CGX22BF14C8N Datasheet PDF

Download EP4CGX22BF14C8N pdf datasheets and Intel documentation for EP4CGX22BF14C8N - Intel.

Datasheets

- [Virtual JTAG Megafuntion Guide.pdf](#)
- [Cyclone IV Device Datasheet.pdf](#)
- [Cyclone IV Device Handbook.pdf](#)

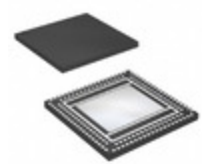
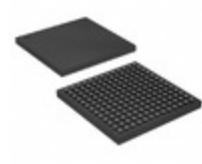
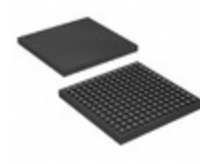
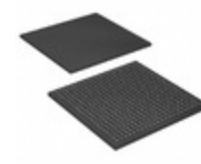
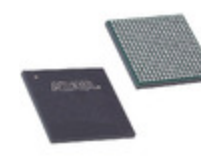
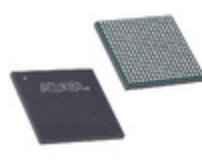
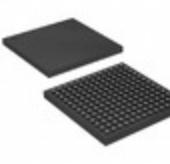
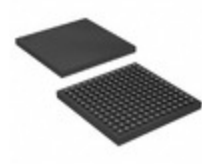
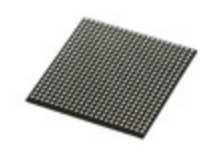
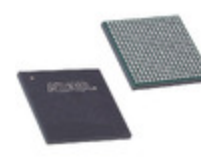
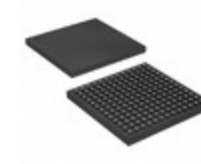
Errata

- [2.73KHz.pdf](#)

Customers Also Interested in

Recommended Products

- EP4CGX30CF19C8N**
Intel
IC FPGA 150 I/O 324FBGA
- EP4CGX15BF14C8N**
Intel
IC FPGA 72 I/O 169FBGA
- EP4CGX30CF23I7N**
Intel
IC FPGA 290 I/O 484FBGA
- EP4CGX15BF14C7N**
Intel
IC FPGA 72 I/O 169FBGA
- EP4CGX15BF14I7N**
Intel
IC FPGA 72 I/O 169FBGA
- EP4CGX22CF19C7N**
Intel
IC FPGA 150 I/O 324FBGA

**EP4CGX15BN11I7N**Intel
IC FPGA 72 I/O 148QFN**EP4CGX150DF31C8N**Intel
IC FPGA 475 I/O 896FBGA**EP4CGX15BF14A7N**Intel
IC FPGA 72 I/O 169FBGA**EP4CGX22BF14C6N**Intel
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IC FPGA 290 I/O 484FBGA**EP4CGX22CF19I7N**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

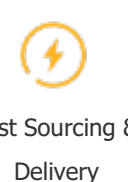
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

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 -



Contact us if you have any questions.



Phone
+00852 9146 4856



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