

Image may be representation.
See specifications for product details.



EP4CGX75DF27I7N

Manufacturer Part Number **EP4CGX75DF27I7N**

Manufacturer **Intel**

Allelco Part Number **32D-EP4CGX75DF27I7N**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC FPGA 310 I/O 672FBGA**

Package **672-BGA**

Data sheet [Virtual JTAG Megafuntion Guide.pdf](#)

[Cyclone IV Device Datasheet.pdf](#)

[Cyclone IV Device Handbook.pdf](#)

RoHs Status **RoHS Compliant**

Get a Quote

EP4CGX75DF27I7N - Intel.New Original in Stock. Download Linear Technology EP4CGX75DF27I7N datasheet/specifications on AllelcoElec.com.
Request a quote for EP4CGX75DF27I7N, please send us email: info@allelco.com

Specifications

EP4CGX75DF27I7N Tech Specifications

EP4CGX75DF27I7N - 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	73920
Total RAM Bits	4257792	Number of LABs/CLBs	4620
Supplier Device Package	672-FBGA (27x27)	Number of I/O	310
Series	Cyclone® IV GX	Mounting Type	Surface Mount
Package / Case	672-BGA	Base Product Number	EP4CGX75
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP4CGX75DF27I7N

Product Attribute				
Part Number	EP4CGX75DF27I7N	EP4CGX75DF27C7N	EP4CGX50DF27I7N	EP4S100G2F40I2N
Manufacturer	Intel	Intel	Intel	Intel
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tray	Tray	Tray	Tray
Total RAM Bits	4257792	4257792	2562048	17544192
Number of I/O	310	310	310	654
Voltage - Supply	1.16V ~ 1.24V	1.16V ~ 1.24V	1.16V ~ 1.24V	0.92V ~ 0.98V
Supplier Device Package	672-FBGA (27x27)	672-FBGA (27x27)	672-FBGA (27x27)	1517-FBGA (40x40)
Base Product Number	EP4CGX75	EP4CGX75	EP4CGX50	EP4S100G2
Number of Logic Elements/Cells	73920	73920	49888	228000
Number of LABs/CLBs	4620	4620	3118	9120
Operating Temperature	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 100°C (TJ)
Package / Case	672-BGA	672-BGA	672-BGA	1517-BBGA, FCBGA
Series	Cyclone® IV GX	Cyclone® IV GX	Cyclone® IV GX	STRATIX® IV GT

EP4CGX75DF27I7N Datasheet PDF

Download EP4CGX75DF27I7N pdf datasheets and Intel documentation for EP4CGX75DF27I7N - Intel.

Datasheets



[Virtual JTAG Megafuntion Guide.pdf](#)



[Cyclone IV Device Datasheet.pdf](#)



[Cyclone IV Device Handbook.pdf](#)

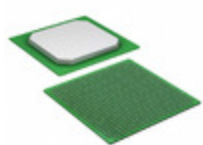
Errata



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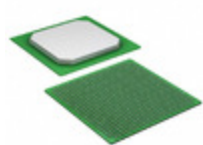
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EP4CGX75DF27C7N

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IC FPGA 310 I/O 672FBGA



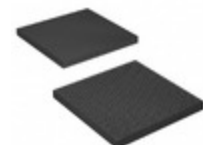
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Intel
IC FPGA 310 I/O 672FBGA



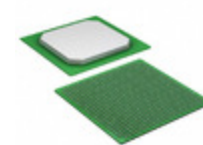
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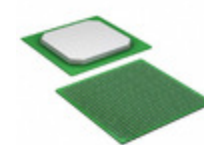
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Intel
IC FPGA 654 I/O 1517FBGA



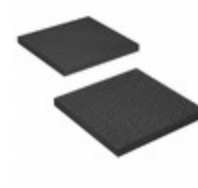
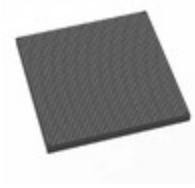
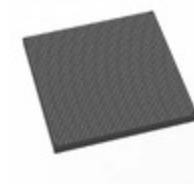
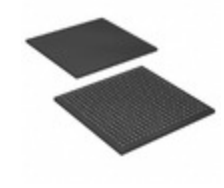
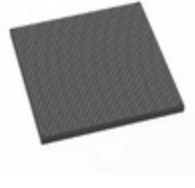
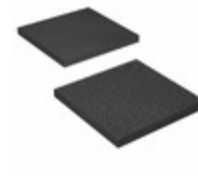
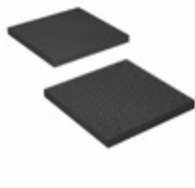
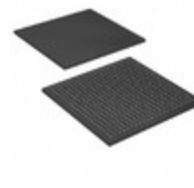
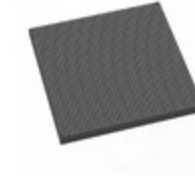
EP4CGX75DF27C6N

Intel
IC FPGA 310 I/O 672FBGA



EP4CGX50DF27C8N

Intel
IC FPGA 310 I/O 672FBGA

**EP4S100G3F45I2N**Intel
IC FPGA 781 I/O 1932FBGA**EP4S100G2F40I2**Intel
IC FPGA 654 I/O 1517FBGA**EP4S100G5F45I2**Intel
IC FPGA 781 I/O 1932FBGA**EP4S100G5F45I2N**Intel
IC FPGA 781 I/O 1932FBGA**EP4CGX50CF23I7N**Intel
IC FPGA 290 I/O 484FBGA**EP4CGX75CF23C8N**Intel
IC FPGA 290 I/O 484FBGA**EP4S100G5F45I1**Intel
IC FPGA 781 I/O 1932FBGA**EP4S100G2F40I1N**Intel
IC FPGA 654 I/O 1517FBGA**EP4S100G2F40I3N**Intel
IC FPGA 654 I/O 1517FBGA**EP4CGX75CF23I7N**Intel
IC FPGA 290 I/O 484FBGA**EP4S100G5F45I1N**Intel
IC FPGA 781 I/O 1932FBGA**EP4CGX50CF23I7**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
 Email
info@allelco.com

Certifications & Memberships



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