

Image may be representation.
See specifications for product details.



EP4CGX110CF23I7N

Manufacturer Part Number **EP4CGX110CF23I7N**

Manufacturer **Intel**

Allelco Part Number **32D-EP4CGX110CF23I7N**

ECAD Model Request Free CAD Models

Parts Description **IC FPGA 270 I/O 484FBGA**

Package **484-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](#)

EP4CGX110CF23I7N - Intel.New Original in Stock. Download Linear Technology EP4CGX110CF23I7N datasheet/specifications on AllelcoElec.com.
Request a quote for EP4CGX110CF23I7N, please send us email: info@allelco.com

Specifications

EP4CGX110CF23I7N Tech Specifications
EP4CGX110CF23I7N - 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	109424
Total RAM Bits	5621760	Number of LABs/CLBs	6839
Supplier Device Package	484-FBGA (23x23)	Number of I/O	270
Series	Cyclone® IV GX	Mounting Type	Surface Mount
Package / Case	484-BGA	Base Product Number	EP4CGX110
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP4CGX110CF23I7N

Product Attribute				
Part Number	EP4CGX110CF23I7N	EP4CGX110DF27C7N	EP4CE75F23C8N	EP4CE75F29C8N
Manufacturer	Intel	Intel	Intel	Intel
Base Product Number	EP4CGX110	EP4CGX110	EP4CE75	EP4CE75
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply	1.16V ~ 1.24V	1.16V ~ 1.24V	1.15V ~ 1.25V	1.15V ~ 1.25V
Total RAM Bits	5621760	5621760	2810880	2810880
Package / Case	484-BGA	672-BGA	484-BGA	780-BGA
Operating Temperature	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Package	Tray	Tray	Tray	Tray
Number of LABs/CLBs	6839	6839	4713	4713
Series	Cyclone® IV GX	Cyclone® IV GX	Cyclone® IV E	Cyclone® IV E
Supplier Device Package	484-FBGA (23x23)	672-FBGA (27x27)	484-FBGA (23x23)	780-FBGA (29x29)
Number of I/O	270	393	292	426
Number of Logic Elements/Cells	109424	109424	75408	75408

EP4CGX110CF23I7N Datasheet PDF

Download EP4CGX110CF23I7N pdf datasheets and Intel documentation for EP4CGX110CF23I7N - Intel.

Datasheets

Virtual JTAG Megafuntion Guide.pdf

Cyclone IV Device Datasheet.pdf

Cyclone IV Device Handbook.pdf

PCN Packaging

Mult Dev Label CHG 24/Jan/2020.pdf

Mult Dev Label Chgs 24/Feb/2020.pdf

PCN Design/Specification

Quartus SW/Web Chgs 23/Sep/2021.pdf

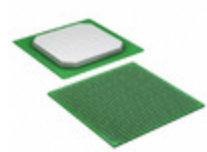
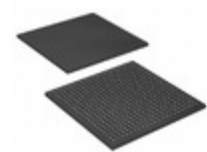
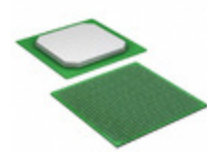
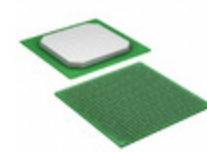
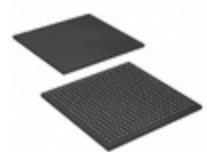
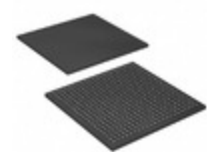
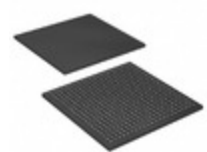
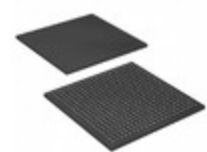
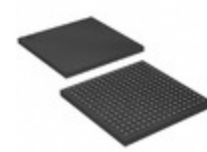
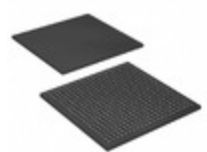
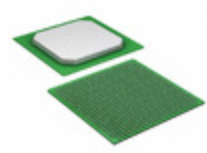
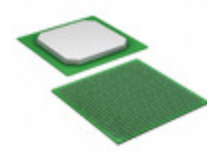
Mult Dev Software Chgs 3/Jun/2021.pdf

Errata

Cyclone IV Device Family Errata.pdf

Customers Also Interested in

Recommended Products

**EP4CGX110DF27C7N**Intel
IC FPGA 393 I/O 672FBGA**EP4CE75F23C8N**Intel
IC FPGA 292 I/O 484FBGA**EP4CE75F29C8N**Intel
IC FPGA 426 I/O 780FBGA**EP4CGX150DF27C7N**Intel
IC FPGA 393 I/O 672FBGA**EP4CGX110DF27C8N**Intel
IC FPGA 393 I/O 672FBGA**EP4CGX150CF23C8N**Intel
IC FPGA 270 I/O 484FBGA**EP4CE75F23C6N**Intel
IC FPGA 292 I/O 484FBGA**EP4CE75F23I7N**Intel
IC FPGA 292 I/O 484FBGA**EP4CE75U19I7N**Intel
IC FPGA 292 I/O 484UBGA**EP4CGX150CF23I7N**Intel
IC FPGA 270 I/O 484FBGA**EP4CE6U14I7N**Intel
IC FPGA 179 I/O 256UBGA**EP4CGX110CF23C7N**Intel
IC FPGA 270 I/O 484FBGA**EP4CGX110DF27I7N**Intel
IC FPGA 393 I/O 672FBGA**EP4CGX150DF27I7N**Intel
IC FPGA 393 I/O 672FBGA**EP4CGX110DF31C8N**Intel
IC FPGA 475 I/O 896FBGA**EP4CE75F29C6N**Intel
IC FPGA 426 I/O 780FBGA**EP4CGX110CF23C8N**Intel
IC FPGA 270 I/O 484FBGA**EP4CGX110DF31I7N**Intel
IC FPGA 475 I/O 896FBGA

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.



Certifications & Memberships



[View More](#)