

Image may be representation.
See specifications for product details.



EP4CE75F23C6N

Manufacturer Part Number	EP4CE75F23C6N
Manufacturer	Intel
Allelco Part Number	32D-EP4CE75F23C6N
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 292 I/O 484FBGA
Package	484-BGA
Data sheet	Virtual JTAG Megafuntion Guide.pdf Cyclone IV Device Datasheet.pdf
RoHS Status	RoHS Compliant

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EP4CE75F23C6N - Intel.New Original in Stock. Download Linear Technology EP4CE75F23C6N datasheet/specifications on AllelcoElec.com.
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Specifications

EP4CE75F23C6N Tech Specifications

EP4CE75F23C6N - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	0°C ~ 85°C (TJ)
Voltage - Supply	1.15V ~ 1.25V	Number of Logic Elements/Cells	75408
Total RAM Bits	2810880	Number of LABs/CLBs	4713
Supplier Device Package	484-FBGA (23x23)	Number of I/O	292
Series	Cyclone® IV E	Mounting Type	Surface Mount
Package / Case	484-BGA	Base Product Number	EP4CE75
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP4CE75F23C6N

Product Attribute				
Part Number	EP4CE75F23C6N	EP4CE6E22I7N	EP4CGX110CF23I7N	EP4CGX110DF27C7N
Manufacturer	Intel	Intel	Intel	Intel
Voltage - Supply	1.15V ~ 1.25V	1.15V ~ 1.25V	1.16V ~ 1.24V	1.16V ~ 1.24V
Number of Logic Elements/Cells	75408	6272	109424	109424
Number of I/O	292	91	270	393
Package / Case	484-BGA	144-LQFP Exposed Pad	484-BGA	672-BGA
Base Product Number	EP4CE75	EP4CE6	EP4CGX110	EP4CGX110
Package	Tray	Tray	Tray	Tray
Number of LABs/CLBs	4713	392	6839	6839
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)
Series	Cyclone® IV E	Cyclone® IV E	Cyclone® IV GX	Cyclone® IV GX
Supplier Device Package	484-FBGA (23x23)	144-EQFP (20x20)	484-FBGA (23x23)	672-FBGA (27x27)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Total RAM Bits	2810880	276480	5621760	5621760

EP4CE75F23C6N Datasheet PDF

Download EP4CE75F23C6N pdf datasheets and Intel documentation for EP4CE75F23C6N - Intel.

Datasheets

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

PCN Packaging

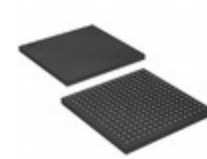
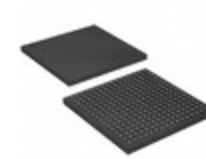
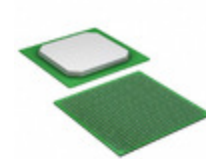
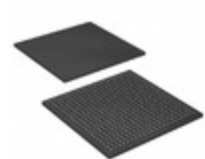
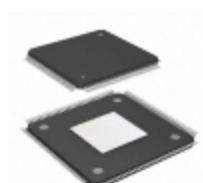
- [Mult Dev Label CHG 24/Jan/2020.pdf](#)
- [Mult Dev Label Chgs 24/Feb/2020.pdf](#)

PCN Design/Specification

- [Quartus SW/Web Chgs 23/Sep/2021.pdf](#)
- [Mult Dev Software Chgs 3/Jun/2021.pdf](#)

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Recommended Products



EP4CE6F17C8NAD

Intel

EP4CE6E22I7N

Intel
IC FPGA 91 I/O 144EQFP

EP4CGX110CF23I7N

Intel
IC FPGA 270 I/O 484FBGA

EP4CGX110DF27C7N

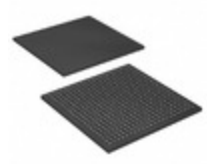
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EP4CE6F17A7N

Intel
IC FPGA 179 I/O 256FBGA

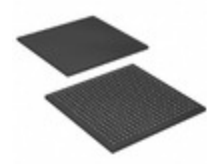
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Intel
IC FPGA 179 I/O 256FBGA



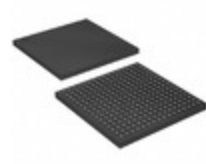
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Intel
IC FPGA 292 I/O 484FBGA



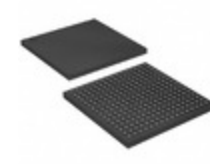
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Intel
IC FPGA 270 I/O 484FBGA



EP4CE6F17C8N

Intel
IC FPGA 179 I/O 256FBGA



EP4CE6U14I7N

Intel
IC FPGA 179 I/O 256UBGA



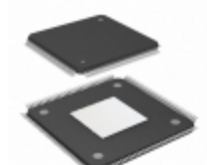
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Intel
IC FPGA 426 I/O 780FBGA



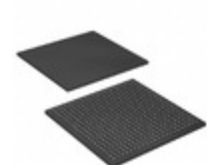
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Intel
IC FPGA 426 I/O 780FBGA



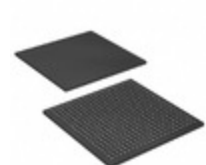
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IC FPGA 91 I/O 144EQFP



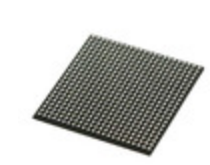
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Intel
IC FPGA 292 I/O 484UBGA



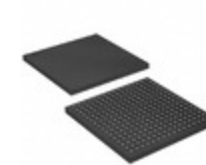
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Intel
IC FPGA 292 I/O 484FBGA



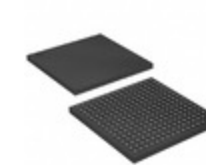
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IC FPGA 270 I/O 484FBGA



EP4CE6F17I7N

Intel
IC FPGA 179 I/O 256FBGA



EP4CE6F17C6N

Intel
IC FPGA 179 I/O 256FBGA

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



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info@allelco.com

Certifications & Memberships



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