

Image may be representation.
See specifications for product details.



EP4CE55F23C8N

Manufacturer Part Number	EP4CE55F23C8N
Manufacturer	Intel
Allelco Part Number	32D-EP4CE55F23C8N
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC FPGA 324 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

EP4CE55F23C8N - Intel.New Original in Stock. Download Linear Technology EP4CE55F23C8N datasheet/specifications on AllelcoElec.com.
Request a quote for EP4CE55F23C8N, please send us email: info@allelco.com

Specifications

EP4CE55F23C8N Tech Specifications
EP4CE55F23C8N - 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	55856
Total RAM Bits	2396160	Number of LABs/CLBs	3491
Supplier Device Package	484-FBGA (23x23)	Number of I/O	324
Series	Cyclone® IV E	Mounting Type	Surface Mount
Package / Case	484-BGA	Base Product Number	EP4CE55
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP4CE55F23C8N

Product Attribute				
Part Number	EP4CE55F23C8N	EP4CE6E2217N	EP4CE55F23A7N	EP4CE40F23C8N
Manufacturer	Intel	Intel	Intel	Intel
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 125°C (TJ)	0°C ~ 85°C (TJ)
Total RAM Bits	2396160	276480	2396160	1161216
Voltage - Supply	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V
Base Product Number	EP4CE55	EP4CE6	EP4CE55	EP4CE40
Number of LABs/CLBs	3491	392	3491	2475
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tray	Tray	Tray	Tray
Package / Case	484-BGA	144-LQFP Exposed Pad	484-BGA	484-BGA
Supplier Device Package	484-FBGA (23x23)	144-EQFP (20x20)	484-FBGA (23x23)	484-FBGA (23x23)
Number of I/O	324	91	324	328
Series	Cyclone® IV E	Cyclone® IV E	Cyclone® IV E	Cyclone® IV E
Number of Logic Elements/Cells	55856	6272	55856	39600

EP4CE55F23C8N Datasheet PDF

Download EP4CE55F23C8N pdf datasheets and Intel documentation for EP4CE55F23C8N - Intel.

Datasheets

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

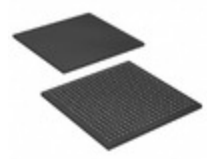
Errata

- [2.73KHz.pdf](#)

Customers Also Interested in

Recommended Products

EP4CE6E2217N	EP4CE55F23A7N	EP4CE40F23C8N	EP4CE40F29I7N	EP4CE40F29C8N	EP4CE55F23C6N
Intel IC FPGA 91 I/O 144EQFP	Intel IC FPGA 324 I/O 484FBGA	Intel IC FPGA 328 I/O 484FBGA	Intel IC FPGA 532 I/O 780FBGA	Intel IC FPGA 532 I/O 780FBGA	Intel IC FPGA 324 I/O 484FBGA



EP4CE55U19I7N
Intel
IC FPGA 324 I/O 484UBGA



EP4CE40F29C7N
Intel
IC FPGA 532 I/O 780FBGA



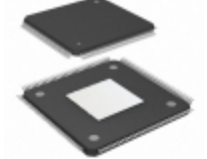
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Intel
IC FPGA 532 I/O 780FBGA



EP4CE55F29C7N
Intel
IC FPGA 374 I/O 780FBGA



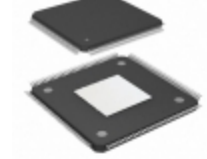
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Intel
IC FPGA 328 I/O 484FBGA



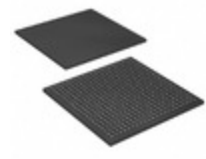
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Intel
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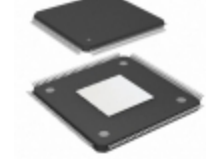
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Intel
IC FPGA 324 I/O 484FBGA



EP4CE6E22A7N
Intel
IC FPGA 91 I/O 144EQFP



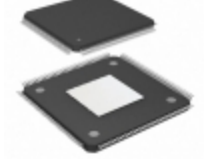
EP4CE40U19I7N
Intel
IC FPGA 328 I/O 484UBGA



EP4CE6E22C6N
Intel
IC FPGA 91 I/O 144EQFP



EP4CE55F29C8N
Intel
IC FPGA 374 I/O 780FBGA



EP4CE6E22C8N
Intel
IC FPGA 91 I/O 144EQFP

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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