

Image may be representation.
See specifications for product details.



EP4CE55F23I7N

Manufacturer Part Number	EP4CE55F23I7N
Manufacturer	Intel
Allelco Part Number	32D-EP4CE55F23I7N
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

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Specifications

EP4CE55F23I7N Tech Specifications
EP4CE55F23I7N - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	-40°C ~ 100°C (TJ)
Voltage - Supply	1.15V ~ 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 EP4CE55F23I7N

Product Attribute				
Part Number	EP4CE55F23I7N	EP4CE6E22A7N	EP4CE40F29I7N	EP4CE6E22C6N
Manufacturer	Intel	Intel	Intel	Intel
Operating Temperature	-40°C ~ 100°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)
Number of Logic Elements/Cells	55856	6272	39600	6272
Supplier Device Package	484-FBGA (23x23)	144-EQFP (20x20)	780-FBGA (29x29)	144-EQFP (20x20)
Number of LABs/CLBs	3491	392	2475	392
Voltage - Supply	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V
Number of I/O	324	91	532	91
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	Cyclone® IV E	Cyclone® IV E	Cyclone® IV E	Cyclone® IV E
Package / Case	484-BGA	144-LQFP Exposed Pad	780-BGA	144-LQFP Exposed Pad
Base Product Number	EP4CE55	EP4CE6	EP4CE40	EP4CE6
Package	Tray	Tray	Tray	Tray
Total RAM Bits	2396160	276480	1161216	276480

EP4CE55F23I7N Datasheet PDF

Download EP4CE55F23I7N pdf datasheets and Intel documentation for EP4CE55F23I7N - 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

EP4CE6E22A7N
Intel
IC FPGA 91 I/O 144EQFP

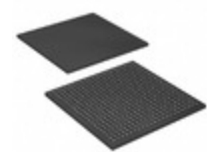
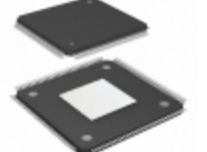
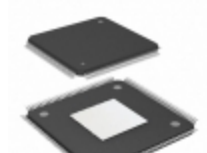
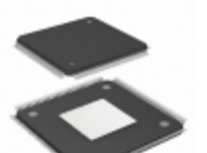
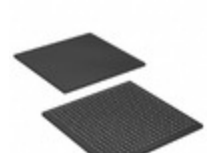
EP4CE40F29I7N
Intel
IC FPGA 532 I/O 780FBGA

EP4CE6E22C6N
Intel
IC FPGA 91 I/O 144EQFP

EP4CE55F23C6N
Intel
IC FPGA 324 I/O 484FBGA

EP4CE40F29C7N
Intel
IC FPGA 532 I/O 780FBGA

EP4CE55U19I7N
Intel
IC FPGA 324 I/O 484UBGA

**EP4CE40F29C6N**Intel
IC FPGA 532 I/O 780FBGA**EP4CE55F23A7N**Intel
IC FPGA 324 I/O 484FBGA**EP4CE6E22I7N**Intel
IC FPGA 91 I/O 144EQFP**EP4CE40F29C8N**Intel
IC FPGA 532 I/O 780FBGA**EP4CE40F23I7N**Intel
IC FPGA 328 I/O 484FBGA**EP4CE55F29C8N**Intel
IC FPGA 374 I/O 780FBGA**EP4CE6E22C8**Intel
IC FPGA 91 I/O 144EQFP**EP4CE55F23C7N**Intel
IC FPGA 324 I/O 484FBGA**EP4CE6E22C8N**Intel
IC FPGA 91 I/O 144EQFP**EP4CE55F29C7N**Intel
IC FPGA 374 I/O 780FBGA**EP4CE55F23C8N**Intel
IC FPGA 324 I/O 484FBGA**EP4CE40U19I7N**Intel
IC FPGA 328 I/O 484UBGA

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.




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 Efficient Supply Management

 Cost-Saving Procurement

 Fast Sourcing & Delivery

Contact us if you have any questions.

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Certifications & Memberships



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