

Image may be representation.
See specifications for product details.



EP4CE30F23C6N

Manufacturer Part Number	EP4CE30F23C6N
Manufacturer	Intel
Allelco Part Number	32D-EP4CE30F23C6N
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC FPGA 328 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

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Specifications

EP4CE30F23C6N Tech Specifications
EP4CE30F23C6N - 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	28848
Total RAM Bits	608256	Number of LABs/CLBs	1803
Supplier Device Package	484-FBGA (23x23)	Number of I/O	328
Series	Cyclone® IV E	Mounting Type	Surface Mount
Package / Case	484-BGA	Base Product Number	EP4CE30
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP4CE30F23C6N

Product Attribute				
Part Number	EP4CE30F23C6N	EP4CE30F19A7N	EP4CE30F23I7N	EP4CE22F17C8N
Manufacturer	Intel	Intel	Intel	Intel
Number of LABs/CLBs	1803	1803	1803	1395
Package	Tray	Tray	Tray	Tray
Package / Case	484-BGA	324-BGA	484-BGA	256-LBGA
Number of Logic Elements/Cells	28848	28848	28848	22320
Voltage - Supply	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V
Total RAM Bits	608256	608256	608256	608256
Supplier Device Package	484-FBGA (23x23)	324-FBGA (19x19)	484-FBGA (23x23)	256-FBGA (17x17)
Base Product Number	EP4CE30	EP4CE30	EP4CE30	EP4CE22
Series	Cyclone® IV E	Cyclone® IV E	Cyclone® IV E	Cyclone® IV E
Number of I/O	328	193	328	153
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)

EP4CE30F23C6N Datasheet PDF

Download EP4CE30F23C6N pdf datasheets and Intel documentation for EP4CE30F23C6N - Intel.

Datasheets

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

Errata

- [2.73KHz.pdf](#)

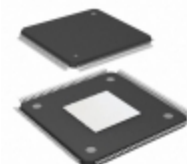
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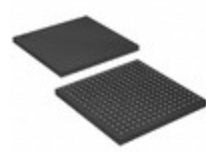
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Intel	Intel	Intel	Intel	Intel	Altera (Intel)
IC FPGA 193 I/O 324FBGA	IC FPGA 328 I/O 484FBGA	IC FPGA 153 I/O 256FBGA	IC FPGA 532 I/O 780FBGA	IC FPGA 165 I/O 256UBGA	



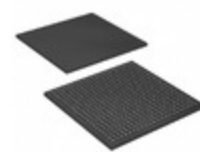
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Intel
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Intel
IC FPGA 79 I/O 144EQFP



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Intel
IC FPGA 165 I/O 256MBGA



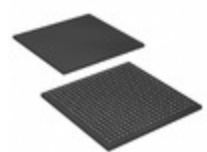
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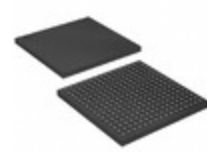
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EP4CE30F23C7N
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IC FPGA 328 I/O 484FBGA



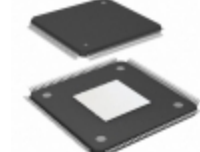
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EP4CE22F17I7N
Intel
IC FPGA 153 I/O 256FBGA



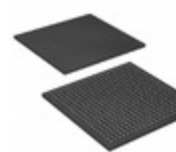
EP4CE30F29C6N
Intel
IC FPGA 532 I/O 780FBGA



EP4CE22E22I7N
Intel
IC FPGA 79 I/O 144EQFP



EP4CE30F29C7N
Intel
IC FPGA 532 I/O 780FBGA



EP4CE30F23C8
Intel
IC FPGA 328 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.



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 Efficient Supply Management
 Cost-Saving Procurement
 Fast Sourcing & Delivery

Contact us if you have any questions.

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 Email
info@allelco.com

Certifications & Memberships



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