

Image may be representation.
See specifications for product details.



EP4CE30F29C7N

Manufacturer Part Number	EP4CE30F29C7N
Manufacturer	Intel
Allelco Part Number	32D-EP4CE30F29C7N
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC FPGA 532 I/O 780FBGA
Package	780-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

EP4CE30F29C7N - Intel.New Original in Stock. Download Linear Technology EP4CE30F29C7N datasheet/specifications on AllelcoElec.com.
Request a quote for EP4CE30F29C7N, please send us email: info@allelco.com

Specifications

EP4CE30F29C7N Tech Specifications
EP4CE30F29C7N - 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	780-FBGA (29x29)	Number of I/O	532
Series	Cyclone® IV E	Mounting Type	Surface Mount
Package / Case	780-BGA	Base Product Number	EP4CE30
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP4CE30F29C7N

Product Attribute				
Part Number	EP4CE30F29C7N	EP4CE30F23C8	EP4CE40F23C7N	EP4CE30F2317N
Manufacturer	Intel	Intel	Intel	Intel
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)
Voltage - Supply	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V
Number of LABs/CLBs	1803	1803	2475	1803
Package	Tray	Tray	Tray	Tray
Series	Cyclone® IV E	Cyclone® IV E	Cyclone® IV E	Cyclone® IV E
Supplier Device Package	780-FBGA (29x29)	484-FBGA (23x23)	484-FBGA (23x23)	484-FBGA (23x23)
Base Product Number	EP4CE30	EP4CE30	EP4CE40	EP4CE30
Package / Case	780-BGA	484-BGA	484-BGA	484-BGA
Total RAM Bits	608256	608256	1161216	608256
Number of Logic Elements/Cells	28848	28848	39600	28848
Number of I/O	532	328	328	328
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

EP4CE30F29C7N Datasheet PDF

Download EP4CE30F29C7N pdf datasheets and Intel documentation for EP4CE30F29C7N - 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

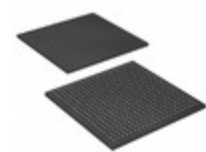
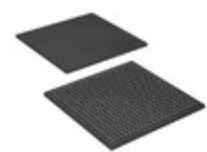
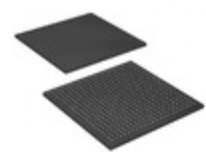
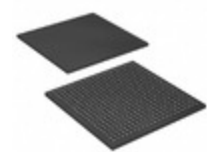
- [Quartus SW/Web Chgs 23/Sep/2021.pdf](#)
- [Mult Dev Software Chgs 3/Jun/2021.pdf](#)

Errata

- [Cyclone IV Device Family Errata.pdf](#)

Customers Also Interested in

Recommended Products



EP4CE30F19A7NG

Altera (Intel)

EP4CE30F23C8

Intel
IC FPGA 328 I/O 484FBGA

EP4CE40F23C7N

Intel
IC FPGA 328 I/O 484FBGA

EP4CE30F23I7N

Intel
IC FPGA 328 I/O 484FBGA

EP4CE40F23A7N

Intel
IC FPGA 328 I/O 484FBGA

EP4CE30F23C6N

Intel
IC FPGA 328 I/O 484FBGA



EP4CE40F23C6N

Intel
IC FPGA 328 I/O 484FBGA



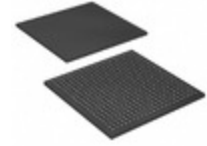
EP4CE30F29C8N

Intel
IC FPGA 532 I/O 780FBGA



EP4CE40F29C6N

Intel
IC FPGA 532 I/O 780FBGA



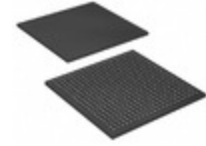
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Intel
IC FPGA 328 I/O 484FBGA



EP4CE30F23C8N

Intel
IC FPGA 328 I/O 484FBGA



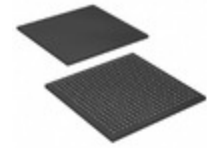
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Intel
IC FPGA 328 I/O 484FBGA



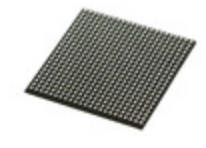
EP4CE30F23C7N

Intel
IC FPGA 328 I/O 484FBGA



EP4CE30F23C7

Intel
IC FPGA 328 I/O 484FBGA



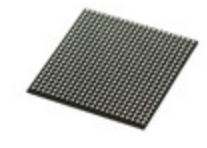
EP4CE40F23C8

Intel
IC FPGA 328 I/O 484FBGA



EP4CE30F29C6N

Intel
IC FPGA 532 I/O 780FBGA



EP4CE40F23I7N

Intel
IC FPGA 328 I/O 484FBGA



EP4CE30F29I7N

Intel
IC FPGA 532 I/O 780FBGA

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.



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Certifications & Memberships



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