

Image may be representation.
See specifications for product details.



EP4CE10F17I7N

Manufacturer Part Number	EP4CE10F17I7N
Manufacturer	Intel
Allelco Part Number	32D-EP4CE10F17I7N
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC FPGA 179 I/O 256FBGA
Package	256-LBGA
Data sheet	Virtual JTAG Megafuntion Guide.pdf Cyclone IV Device Datasheet.pdf Cyclone IV Device Handbook.pdf
RoHs Status	RoHS Compliant

Get a Quote

EP4CE10F17I7N - Intel.New Original in Stock. Download Linear Technology EP4CE10F17I7N datasheet/specifications on AllelcoElec.com.
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Specifications

EP4CE10F17I7N Tech Specifications
EP4CE10F17I7N - 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	10320
Total RAM Bits	423936	Number of LABs/CLBs	645
Supplier Device Package	256-FBGA (17x17)	Number of I/O	179
Series	Cyclone® IV E	Mounting Type	Surface Mount
Package / Case	256-LBGA	Base Product Number	EP4CE10
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP4CE10F17I7N

Product Attribute				
Part Number	EP4CE10F17I7N	EP4CE10F17I7	EP4CE115F23I8LN	EP4CE115F23I7N
Manufacturer	Intel	Intel	Intel	Intel
Number of LABs/CLBs	645	645	7155	7155
Package / Case	256-LBGA	256-LBGA	484-BGA	484-BGA
Number of Logic Elements/Cells	10320	10320	114480	114480
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	EP4CE10	EP4CE10	EP4CE115	EP4CE115
Supplier Device Package	256-FBGA (17x17)	256-FBGA (17x17)	484-FBGA (23x23)	484-FBGA (23x23)
Operating Temperature	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)
Series	Cyclone® IV E	Cyclone® IV E	Cyclone® IV E	Cyclone® IV E
Total RAM Bits	423936	423936	3981312	3981312
Number of I/O	179	179	280	280
Voltage - Supply	1.15V ~ 1.25V	1.15V ~ 1.25V	0.97V ~ 1.03V	1.15V ~ 1.25V
Package	Tray	Tray	Tray	Tray

EP4CE10F17I7N Datasheet PDF

Download EP4CE10F17I7N pdf datasheets and Intel documentation for EP4CE10F17I7N - 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

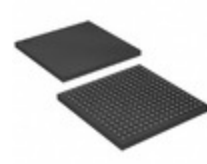
[Cyclone IV Device Family Errata.pdf](#)

Customers Also Interested in

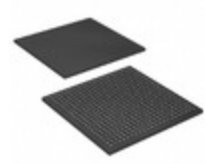
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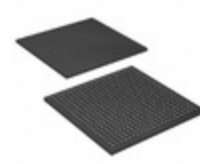
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QLOGIC



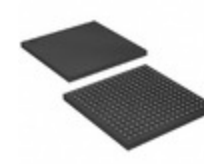
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Intel
IC FPGA 179 I/O 256FBGA



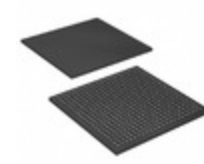
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Intel
IC FPGA 280 I/O 484FBGA



EP4CE115F23I7N
Intel
IC FPGA 280 I/O 484FBGA



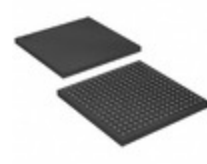
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Intel
IC FPGA 179 I/O 256FBGA



EP4CE115F23C7N
Intel
IC FPGA 280 I/O 484FBGA



EP4CE115F29I7N
Intel
IC FPGA 528 I/O 780FBGA



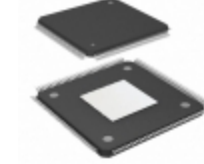
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IC FPGA 179 I/O 256FBGA



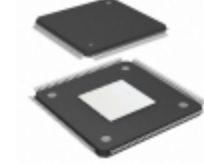
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Altera (Intel)



EP4CE115F29C8N
Intel
IC FPGA 528 I/O 780FBGA



EP4CE10E22C8N
Intel
IC FPGA 91 I/O 144EQFP



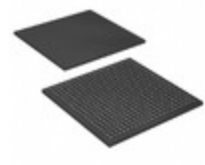
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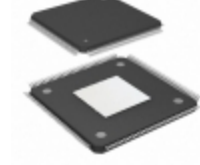
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Altera (Intel)



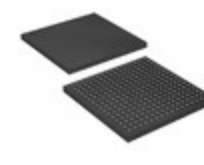
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Intel
IC FPGA 528 I/O 780FBGA



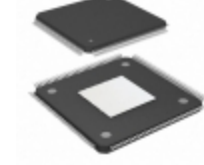
EP4CE115F23C8N
Intel
IC FPGA 280 I/O 484FBGA



EP4CE10E22I8LN
Intel
IC FPGA 91 I/O 144EQFP



EP4CE10U14I7N
Intel
IC FPGA 179 I/O 256UBGA



EP4CE10E22I7N
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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