

Image may be representation.
See specifications for product details.



EP4CE15F1717N

Manufacturer Part Number	EP4CE15F1717N
Manufacturer	Intel
Allelco Part Number	32D-EP4CE15F1717N
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC FPGA 165 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

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Specifications

EP4CE15F1717N Tech Specifications
EP4CE15F1717N - 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	15408
Total RAM Bits	516096	Number of LABs/CLBs	963
Supplier Device Package	256-FBGA (17x17)	Number of I/O	165
Series	Cyclone® IV E	Mounting Type	Surface Mount
Package / Case	256-LBGA	Base Product Number	EP4CE15
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP4CE15F1717N

Product Attribute				
Part Number	EP4CE15F1717N	EP4CE15U14I7N	EP4CE15F23A7N	EP4CE15F23C6N
Manufacturer	Intel	Intel	Intel	Intel
Supplier Device Package	256-FBGA (17x17)	256-UBGA (14x14)	484-FBGA (23x23)	484-FBGA (23x23)
Base Product Number	EP4CE15	EP4CE15	EP4CE15	EP4CE15
Number of I/O	165	165	343	343
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of LABs/CLBs	963	963	963	963
Package / Case	256-LBGA	256-LFBGA	484-BGA	484-BGA
Package	Tray	Tray	Tray	Tray
Series	Cyclone® IV E	Cyclone® IV E	Cyclone® IV E	Cyclone® IV E
Voltage - Supply	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V
Operating Temperature	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 125°C (TJ)	0°C ~ 85°C (TJ)
Total RAM Bits	516096	516096	516096	516096
Number of Logic Elements/Cells	15408	15408	15408	15408

EP4CE15F1717N Datasheet PDF

Download EP4CE15F1717N pdf datasheets and Intel documentation for EP4CE15F1717N - Intel.

Datasheets

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

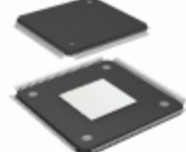
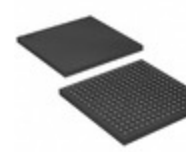
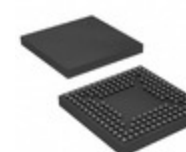
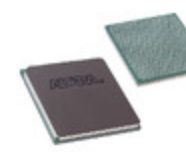
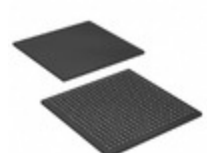
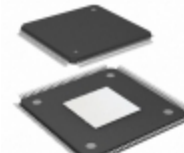
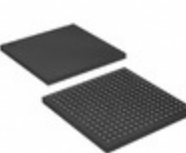
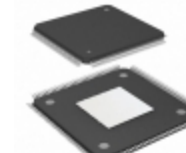
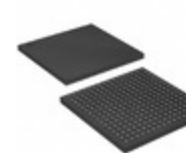
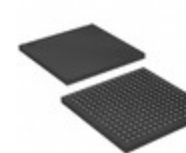
Errata

- [2.73KHz.pdf](#)

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Recommended Products

EP4CE15U14I7N	EP4CE15F23A7N	EP4CE15F23C6N	EP4CE15F23C9LN	EP4CE15F23C7N	EP4CE15F17C6N
Intel	Intel	Intel	Intel	Intel	Intel
IC FPGA 165 I/O 256UBGA	IC FPGA 343 I/O 484FBGA	IC FPGA 343 I/O 484FBGA	IC FPGA 343 I/O 484FBGA	IC FPGA 343 I/O 484FBGA	IC FPGA 165 I/O 256FBGA

**EP4CE115F29I7N**Intel
IC FPGA 528 I/O 780FBGA**EP4CE15F23C8N**Intel
IC FPGA 343 I/O 484FBGA**EP4CE22E22C8N**Intel
IC FPGA 79 I/O 144EQFP**EP4CE15M9C7N**Intel
IC FPGA 165 I/O 256MBGA**EP4CE15M8I7N**Intel
IC FPGA 89 I/O 164MBGA**EP4CE115F29C8N**Intel
IC FPGA 528 I/O 780FBGA**EP4CE15F23I7N**Intel
IC FPGA 343 I/O 484FBGA**EP4CE15E22C9LN**Intel
IC FPGA 81 I/O 144EQFP**EP4CE15F17C8N**Intel
IC FPGA 165 I/O 256FBGA**EP4CE15E22I7N**Intel
IC FPGA 81 I/O 144EQFP**EP4CE15F17C7N**Intel
IC FPGA 165 I/O 256FBGA**EP4CE15F17A7N**Intel
IC FPGA 165 I/O 256FBGA

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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