

Image may be representation.  
See specifications for product details.



## EP4CE15M9C7N

Manufacturer Part Number	<b>EP4CE15M9C7N</b>
Manufacturer	<b>Intel</b>
Allelco Part Number	32D-EP4CE15M9C7N
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC FPGA 165 I/O 256MBGA
Package	256-TFBGA
Data sheet	<a href="#">Virtual JTAG Megafuntion Guide.pdf</a> <a href="#">Cyclone IV Device Datasheet.pdf</a> <a href="#">Cyclone IV Device Handbook.pdf</a>
RoHS Status	RoHS Compliant

**Get a Quote**

EP4CE15M9C7N - Intel.New Original in Stock. Download Linear Technology EP4CE15M9C7N datasheet/specifications on AllelcoElec.com.  
Request a quote for EP4CE15M9C7N, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

EP4CE15M9C7N Tech Specifications

EP4CE15M9C7N - 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	15408
Total RAM Bits	516096	Number of LABs/CLBs	963
Supplier Device Package	256-MBGA (9x9)	Number of I/O	165
Series	Cyclone® IV E	Mounting Type	Surface Mount
Package / Case	256-TFBGA	Base Product Number	EP4CE15
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP4CE15M9C7N

Product Attribute				
Part Number	EP4CE15M9C7N	EP4CE22F17C8N	EP4CE30F19A7N	EP4CE22E22C8N
Manufacturer	Intel	Intel	Intel	Intel
Series	Cyclone® IV E	Cyclone® IV E	Cyclone® IV E	Cyclone® IV E
Base Product Number	EP4CE15	EP4CE22	EP4CE30	EP4CE22
Number of Logic Elements/Cells	15408	22320	28848	22320
Total RAM Bits	516096	608256	608256	608256
Number of LABs/CLBs	963	1395	1803	1395
Voltage - Supply	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tray	Tray	Tray	Tray
Package / Case	256-TFBGA	256-LBGA	324-BGA	144-LQFP Exposed Pad
Number of I/O	165	153	193	79
Supplier Device Package	256-MBGA (9x9)	256-FBGA (17x17)	324-FBGA (19x19)	144-EQFP (20x20)
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 125°C (TJ)	0°C ~ 85°C (TJ)

### EP4CE15M9C7N Datasheet PDF

Download EP4CE15M9C7N pdf datasheets and Intel documentation for EP4CE15M9C7N - Intel.

#### Datasheets

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

#### PCN Packaging

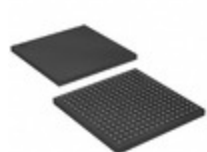
- [Mult Dev Label CHG 24/Jan/2020.pdf](#)
- [Mult Dev Label Chgs 24/Feb/2020.pdf](#)

#### PCN Design/Specification

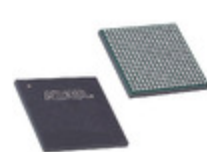
- [Quartus SW/Web Chgs 23/Sep/2021.pdf](#)
- [Mult Dev Software Chgs 3/Jun/2021.pdf](#)

### Customers Also Interested in

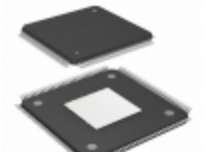
#### Recommended Products



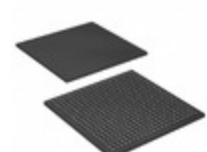
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Intel  
IC FPGA 153 I/O 256FBGA



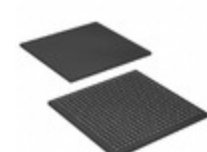
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Intel  
IC FPGA 193 I/O 324FBGA



**EP4CE22E22C8N**  
Intel  
IC FPGA 79 I/O 144EQFP



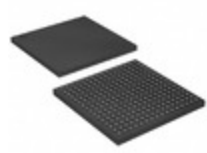
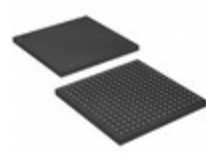
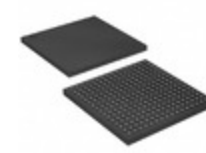
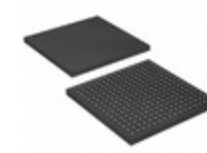
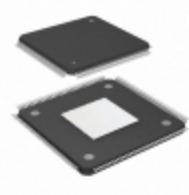
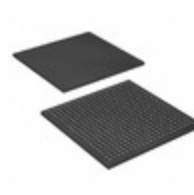
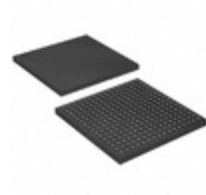
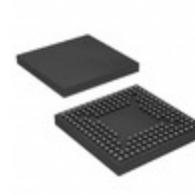
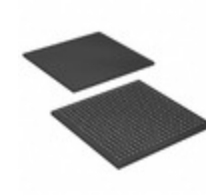
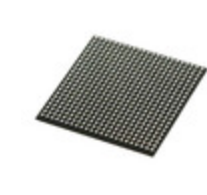
**EP4CE15F23A7N**  
Intel  
IC FPGA 343 I/O 484FBGA



**EP4CE15F23C9LN**  
Intel  
IC FPGA 343 I/O 484FBGA



**EP4CE30F19A7NG**  
Altera (Intel)

**EP4CE22F17I7N**Intel  
IC FPGA 153 I/O 256FBGA**EP4CE15F23C8N**Intel  
IC FPGA 343 I/O 484FBGA**EP4CE15F17C8N**Intel  
IC FPGA 165 I/O 256FBGA**EP4CE15F23C7N**Intel  
IC FPGA 343 I/O 484FBGA**EP4CE15U14I7N**Intel  
IC FPGA 165 I/O 256UBGA**EP4CE15F17C7N**Intel  
IC FPGA 165 I/O 256FBGA**EP4CE22E22I7N**Intel  
IC FPGA 79 I/O 144EQFP**EP4CE30F23C6N**Intel  
IC FPGA 328 I/O 484FBGA**EP4CE15F17I7N**Intel  
IC FPGA 165 I/O 256FBGA**EP4CE15M8I7N**Intel  
IC FPGA 89 I/O 164MBGA**EP4CE15F23I7N**Intel  
IC FPGA 343 I/O 484FBGA**EP4CE15F23C6N**Intel  
IC FPGA 343 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.



### 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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