

Image may be representation.  
See specifications for product details.



## EP3C25F324C7N

Manufacturer Part Number	<b>EP3C25F324C7N</b>
Manufacturer	<b>Intel</b>
Allelco Part Number	32D-EP3C25F324C7N
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 215 I/O 324FBGA
Package	324-BGA
Data sheet	<a href="#">Virtual JTAG Megafuntion Guide.pdf</a> <a href="#">Cyclone III Family Overview.pdf</a> <a href="#">Cyclone III Device Handbook Vol1.pdf</a>
RoHs Status	RoHS Compliant

**Get a Quote**

EP3C25F324C7N - Intel.New Original in Stock. Download Linear Technology EP3C25F324C7N datasheet/specifications on AllelcoElec.com.  
Request a quote for EP3C25F324C7N, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

EP3C25F324C7N Tech Specifications

EP3C25F324C7N - 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	24624
Total RAM Bits	608256	Number of LABs/CLBs	1539
Supplier Device Package	324-FBGA (19x19)	Number of I/O	215
Series	Cyclone® III	Mounting Type	Surface Mount
Package / Case	324-BGA	Base Product Number	EP3C25
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP3C25F324C7N

Product Attribute				
Part Number	EP3C25F324C7N	EP3C25F256A7N	EP3C25Q240C8	EP3C25F324A7N
Manufacturer	Intel	Intel	Intel	Intel
Supplier Device Package	324-FBGA (19x19)	256-FBGA (17x17)	240-PQFP (32x32)	324-FBGA (19x19)
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 125°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 125°C (TJ)
Number of LABs/CLBs	1539	1539	1539	1539
Package / Case	324-BGA	256-LBGA	240-BFQFP	324-BGA
Voltage - Supply	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V
Number of Logic Elements/Cells	24624	24624	24624	24624
Number of I/O	215	156	148	215
Series	Cyclone® III	Cyclone® III	Cyclone® III	Cyclone® III
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Total RAM Bits	608256	608256	608256	608256
Package	Tray	Tray	Tray	Tray
Base Product Number	EP3C25	EP3C25	EP3C25	EP3C25

### EP3C25F324C7N Datasheet PDF

Download EP3C25F324C7N pdf datasheets and Intel documentation for EP3C25F324C7N - Intel.

#### Datasheets

- [Virtual JTAG Megafuntion Guide.pdf](#)
- [Cyclone III Family Overview.pdf](#)

#### PCN Design/Specification

- [Mult Series Software Chgs 26/Mar/2020.pdf](#)
- [Cyclone Material Chgs 15/Jul/2016.pdf](#)

#### PCN Packaging

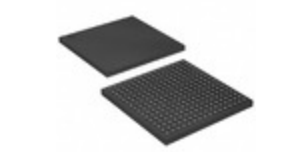
- [Mult Dev Label CHG 24/Jan/2020.pdf](#)
- [Mult Dev Label Chgs 24/Feb/2020.pdf](#)

#### HTML Datasheet

- [Cyclone III Device Handbook Vol1.pdf](#)

### Customers Also Interested in

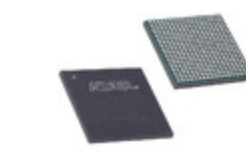
#### Recommended Products



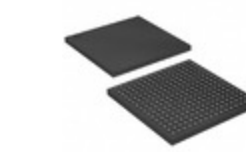
**EP3C25F256A7N**  
Intel  
IC FPGA 156 I/O 256FBGA



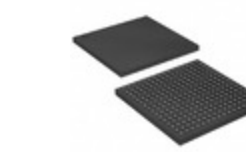
**EP3C25Q240C8**  
Intel  
IC FPGA 148 I/O 240QFP



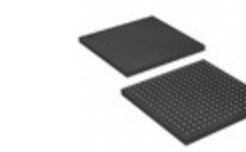
**EP3C25F324A7N**  
Intel  
IC FPGA 215 I/O 324FBGA



**EP3C25F256C8N**  
Intel  
IC FPGA 156 I/O 256FBGA



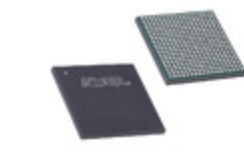
**EP3C25U256C8N**  
Intel  
IC FPGA 156 I/O 256UBGA



**EP3C25F256C7N**  
Intel  
IC FPGA 156 I/O 256FBGA



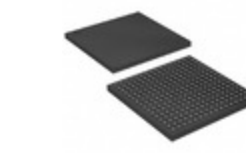
**EP3C25Q240C8N**  
Intel  
IC FPGA 148 I/O 240QFP



**EP3C25F324I7N**  
Intel  
IC FPGA 215 I/O 324FBGA



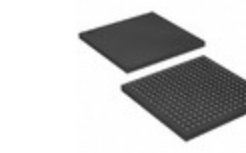
**EP3C25F256I8N**  
Altera (Intel)  
IC FPGA 215 I/O 324FBGA



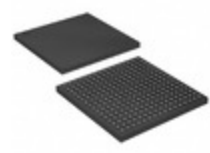
**EP3C25F256I7N**  
Intel  
IC FPGA 156 I/O 256FBGA



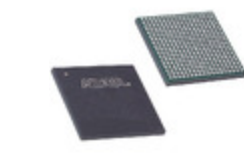
**EP3C25F256I6N**  
Altera (Intel)  
IC FPGA 156 I/O 256FBGA



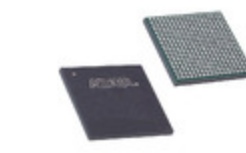
**EP3C25F256C6N**  
Intel  
IC FPGA 156 I/O 256FBGA



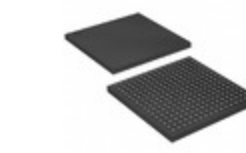
**EP3C25U256C6N**  
Intel  
IC FPGA 156 I/O 256UBGA



**EP3C25F324C8N**  
Intel  
IC FPGA 215 I/O 324FBGA



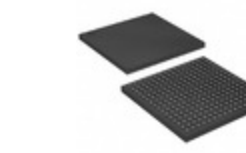
**EP3C25F324C6N**  
Intel  
IC FPGA 215 I/O 324FBGA



**EP3C25U256C7**  
Intel  
IC FPGA 156 I/O 256UBGA



**EP3C25Q240I8N**  
Altera (Intel)  
IC FPGA 156 I/O 256UBGA



**EP3C25U256C8**  
Intel  
IC FPGA 156 I/O 256UBGA

## 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  
 Email  
 +00852 9146 4856      info@allelco.com

## Certifications & Memberships



[View More](#)