

Image may be representation.
See specifications for product details.



EP3C25U256C8

Manufacturer Part Number	EP3C25U256C8
Manufacturer	Intel
Allelco Part Number	32D-EP3C25U256C8
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 156 I/O 256UBGA
Package	256-LFBGA
Data sheet	Virtual JTAG Megafuntion Guide.pdf Cyclone III Family Overview.pdf Cyclone III_Design Guidelines.pdf
RoHs Status	RoHS Compliant

Get a Quote

EP3C25U256C8 - Intel.New Original in Stock. Download Linear Technology EP3C25U256C8 datasheet/specifications on AllelcoElec.com.
Request a quote for EP3C25U256C8, please send us email: info@allelco.com

Specifications

EP3C25U256C8 Tech Specifications

EP3C25U256C8 - 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	256-UBGA (14x14)	Number of I/O	156
Series	Cyclone® III	Mounting Type	Surface Mount
Package / Case	256-LFBGA	Base Product Number	EP3C25
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP3C25U256C8

Product Attribute				
Part Number	EP3C25U256C8	EP3C40F324I7N	EP3C25U256C7	EP3C40F324C8N
Manufacturer	Intel	Intel	Intel	Intel
Number of I/O	156	195	156	195
Number of LABs/CLBs	1539	2475	1539	2475
Series	Cyclone® III	Cyclone® III	Cyclone® III	Cyclone® III
Supplier Device Package	256-UBGA (14x14)	324-FBGA (19x19)	256-UBGA (14x14)	324-FBGA (19x19)
Voltage - Supply	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tray	Tray	Tray	Tray
Package / Case	256-LFBGA	324-BGA	256-LFBGA	324-BGA
Number of Logic Elements/Cells	24624	39600	24624	39600
Total RAM Bits	608256	1161216	608256	1161216
Base Product Number	EP3C25	EP3C40	EP3C25	EP3C40

EP3C25U256C8 Datasheet PDF

Download EP3C25U256C8 pdf datasheets and Intel documentation for EP3C25U256C8 - Intel.

Datasheets

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

PCN Design/Specification

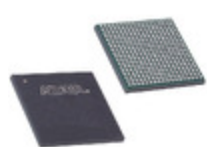
- [Mult Series Software Chgs 26/Mar/2020.pdf](#)
- [Cyclone Material Chgs 15/Jul/2016.pdf](#)

PCN Packaging

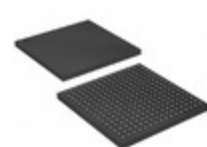
- [Mult Dev Label CHG 24/Jan/2020.pdf](#)
- [Mult Dev Label Chgs 24/Feb/2020.pdf](#)

Customers Also Interested in

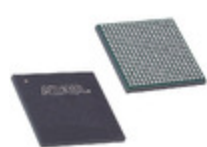
Recommended Products



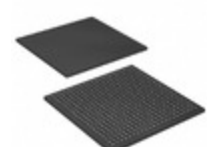
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Intel
IC FPGA 195 I/O 324FBGA



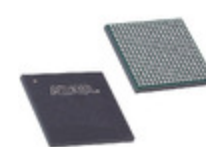
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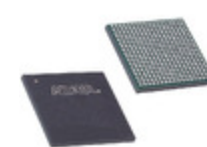
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Intel
IC FPGA 195 I/O 324FBGA



EP3C40F484C6
Intel
IC FPGA 331 I/O 484FBGA



EP3C25F324C7N
Intel
IC FPGA 215 I/O 324FBGA



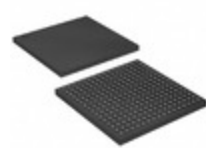
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Intel
IC FPGA 215 I/O 324FBGA



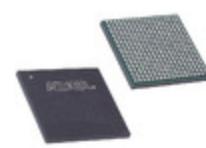
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Intel
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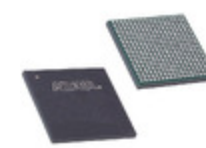
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Intel
IC FPGA 148 I/O 240QFP



EP3C25U256C8N
Intel
IC FPGA 156 I/O 256UBGA



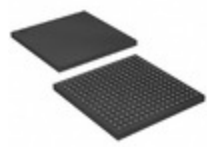
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IC FPGA 215 I/O 324FBGA



EP3C25F324I7N
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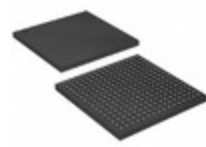
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IC FPGA 331 I/O 484FBGA



EP3C25U256C6N
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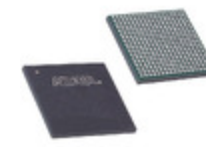
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Intel
IC FPGA 331 I/O 484FBGA



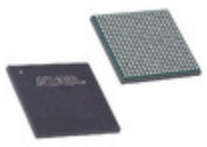
EP3C25U256I7N
Intel
IC FPGA 156 I/O 256UBGA



EP3C25Q240C8
Intel
IC FPGA 148 I/O 240QFP



EP3C25F324C8N
Intel
IC FPGA 215 I/O 324FBGA



EP3C40F324C6N
Intel
IC FPGA 195 I/O 324FBGA

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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