

Image may be representation.
See specifications for product details.



EP3C10F256C8N

Manufacturer Part Number	EP3C10F256C8N
Manufacturer	Intel
Allelco Part Number	32D-EP3C10F256C8N
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 182 I/O 256FBGA
Package	256-LBGA
Data sheet	Virtual JTAG Megafuntion Guide.pdf Cyclone III Device Handbook Vol2.pdf Cyclone III Device Handbook Vol2.pdf Cyclone III Family Overview.pdf Cyclone III Device Handbook Vol1.pdf
RoHS Status	RoHS Compliant

Get a Quote

EP3C10F256C8N - Intel.New Original in Stock. Download Linear Technology EP3C10F256C8N datasheet/specifications on AllelcoElec.com.
Request a quote for EP3C10F256C8N, please send us email: info@allelco.com

Specifications

EP3C10F256C8N Tech Specifications

EP3C10F256C8N - 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	10320
Total RAM Bits	423936	Number of LABs/CLBs	645
Supplier Device Package	256-FBGA (17x17)	Number of I/O	182
Series	Cyclone® III	Mounting Type	Surface Mount
Package / Case	256-LBGA	Base Product Number	EP3C10
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP3C10F256C8N

Product Attribute				
Part Number	EP3C10F256C8N	EP3C10E144I7N	EP3C10U256C8	EP3C10F256I7
Manufacturer	Intel	Intel	Intel	Intel
Number of Logic Elements/Cells	10320	10320	10320	10320
Supplier Device Package	256-FBGA (17x17)	144-EQFP (20x20)	256-UBGA (14x14)	256-FBGA (17x17)
Base Product Number	EP3C10	EP3C10	EP3C10	EP3C10
Total RAM Bits	423936	423936	423936	423936
Package	Tray	Tray	Tray	Tray
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of I/O	182	94	182	182
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)
Package / Case	256-LBGA	144-LQFP Exposed Pad	256-LFBGA	256-LBGA
Series	Cyclone® III	Cyclone® III	Cyclone® III	Cyclone® III
Voltage - Supply	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V
Number of LABs/CLBs	645	645	645	645

EP3C10F256C8N Datasheet PDF

Download EP3C10F256C8N pdf datasheets and Intel documentation for EP3C10F256C8N - Intel.

Datasheets

- [Virtual JTAG Megafuntion Guide.pdf](#)
- [Cyclone III Device Handbook Vol2.pdf](#)
- [Cyclone III Family Overview.pdf](#)

PCN Design/Specification

- [Mult Series Software Chgs 26/Mar/2020.pdf](#)
- [Substrate/Wire 10/Jun/2010.pdf](#)

PCN Packaging

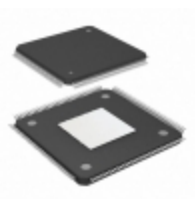
- [Mult Dev Label CHG 24/Jan/2020.pdf](#)
- [Mult Dev Label Chgs 24/Feb/2020.pdf](#)

HTML Datasheet

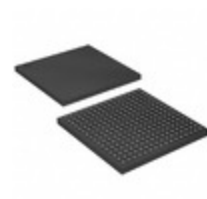
- [Cyclone III Device Handbook Vol2.pdf](#)
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Customers Also Interested in

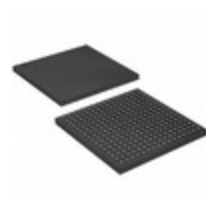
Recommended Products



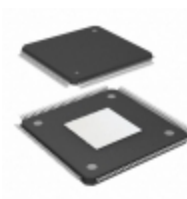
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Intel
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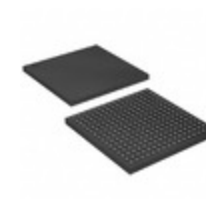
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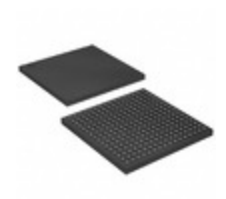
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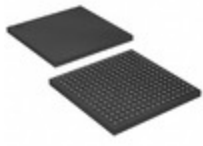
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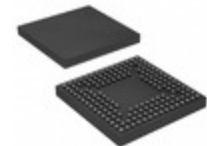
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IC FPGA 182 I/O 256UBGA



EP3C10U256I7
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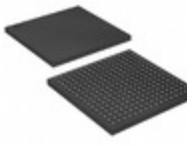
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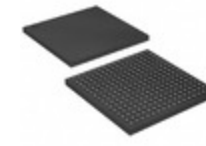
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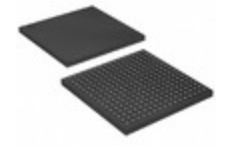
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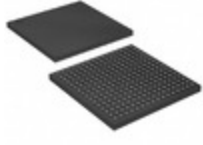
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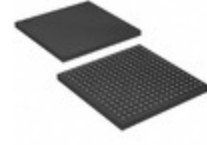
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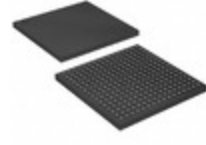
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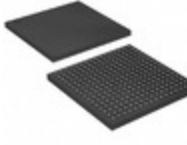
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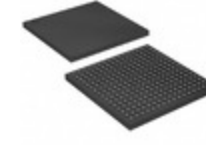
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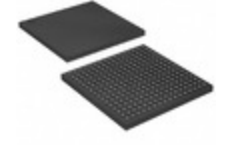
EP3C10U256C7N
Intel
IC FPGA 182 I/O 256UBGA



EP3C10U256C6N
Intel
IC FPGA 182 I/O 256UBGA



EP3C10U256C8N
Intel
IC FPGA 182 I/O 256UBGA



EP3C10F256I7N
Intel
IC FPGA 182 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.

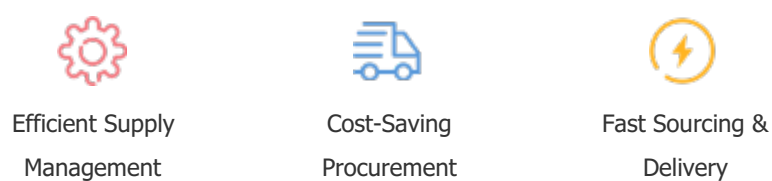
Payment Support

The payment method can be chosen from the methods shown below:

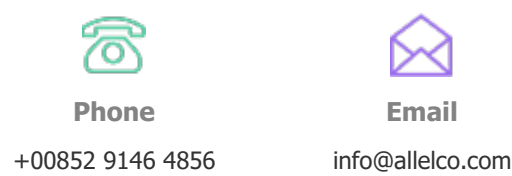
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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