

Image may be representation.
See specifications for product details.



EP2C20F484C8N

Manufacturer Part Number	EP2C20F484C8N
Manufacturer	Intel
Allelco Part Number	32D-EP2C20F484C8N
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 315 I/O 484FBGA
Package	484-BGA
Data sheet	Virtual JTAG Megafuntion Guide.pdf 484-FBGA Pkg Info.pdf
RoHs Status	RoHS Compliant

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EP2C20F484C8N - Intel.New Original in Stock. Download Linear Technology EP2C20F484C8N datasheet/specifications on AllelcoElec.com.
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Specifications

EP2C20F484C8N Tech Specifications

EP2C20F484C8N - 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	18752
Total RAM Bits	239616	Number of LABs/CLBs	1172
Supplier Device Package	484-FBGA (23x23)	Number of I/O	315
Series	Cyclone® II	Mounting Type	Surface Mount
Package / Case	484-BGA	Base Product Number	EP2C20
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP2C20F484C8N

Product Attribute				
Part Number	EP2C20F484C8N	EP2C20Q240C8N	EP2C20F484C8	EP2C35F484C8
Manufacturer	Intel	Intel	Intel	Intel
Number of Logic Elements/Cells	18752	18752	18752	33216
Series	Cyclone® II	Cyclone® II	Cyclone® II	Cyclone® II
Voltage - Supply	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V
Number of I/O	315	142	315	322
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	484-BGA	240-BFQFP	484-BGA	484-BGA
Package	Tray	Tray	Tray	Tray
Number of LABs/CLBs	1172	1172	1172	2076
Supplier Device Package	484-FBGA (23x23)	240-PQFP (32x32)	484-FBGA (23x23)	484-FBGA (23x23)
Total RAM Bits	239616	239616	239616	483840
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Base Product Number	EP2C20	EP2C20	EP2C20	EP2C35

EP2C20F484C8N Datasheet PDF

Download EP2C20F484C8N pdf datasheets and Intel documentation for EP2C20F484C8N - Intel.

Datasheets

[Virtual JTAG Megafuntion Guide.pdf](#)

[484-FBGA Pkg Info.pdf](#)

PCN Design/Specification

[Mult Series Software Chgs 26/Mar/2020.pdf](#)

PCN Packaging

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

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

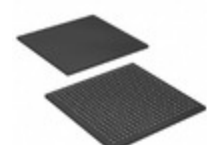
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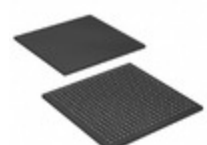
EP2C20Q240C8N

Intel
IC FPGA 142 I/O 240QFP



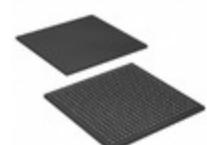
EP2C20F484C8

Intel
IC FPGA 315 I/O 484FBGA



EP2C35F484C8

Intel
IC FPGA 322 I/O 484FBGA



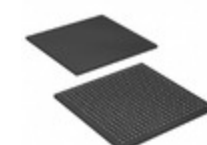
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Intel
IC FPGA 322 I/O 484FBGA



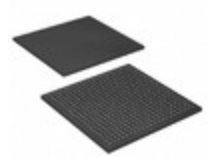
EP2C20F484C

Altera (Intel)

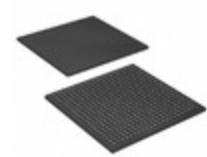


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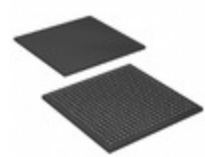
Intel
IC FPGA 315 I/O 484FBGA



EP2C20F484I8N
Intel
IC FPGA 315 I/O 484FBGA



EP2C20F484I8
Intel
IC FPGA 315 I/O 484FBGA



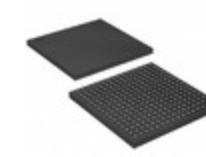
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Intel
IC FPGA 322 I/O 484FBGA



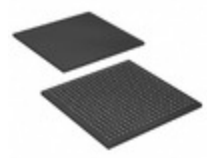
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Altera (Intel)



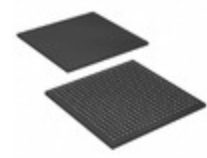
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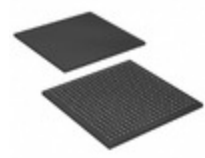
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Intel
IC FPGA 152 I/O 256FBGA



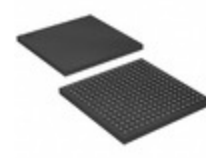
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Intel
IC FPGA 315 I/O 484FBGA



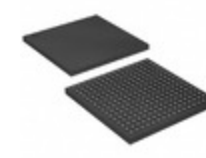
EP2C20F484C6N
Intel
IC FPGA 315 I/O 484FBGA



EP2C35F484C7N
Intel
IC FPGA 322 I/O 484FBGA



EP2C20F256I8N
Intel
IC FPGA 152 I/O 256FBGA



EP2C20F256I8
Intel
IC FPGA 152 I/O 256FBGA



EP2C20F256I6
Altera (Intel)

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

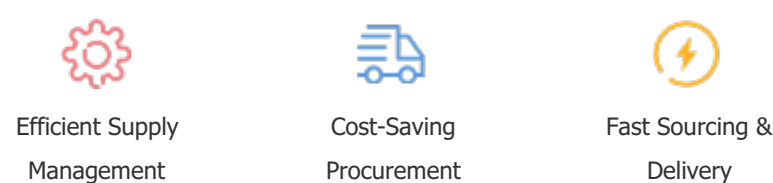
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

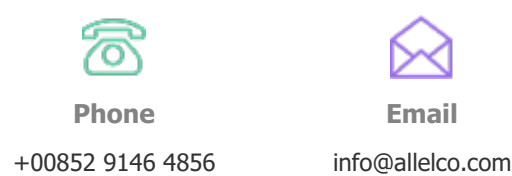
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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Contact us

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