

Image may be representation.
See specifications for product details.



EP2C20F256C8N

Manufacturer Part Number	EP2C20F256C8N
Manufacturer	Intel
Allelco Part Number	32D-EP2C20F256C8N
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC FPGA 152 I/O 256FBGA
Package	256-LBGA
Data sheet	Virtual JTAG Megafuntion Guide.pdf Cylindrical Battery Holders.pdf
RoHS Status	RoHS Compliant

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EP2C20F256C8N - Intel.New Original in Stock. Download Linear Technology EP2C20F256C8N datasheet/specifications on AllelcoElec.com.
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Specifications

EP2C20F256C8N Tech Specifications
EP2C20F256C8N - 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	256-FBGA (17x17)	Number of I/O	152
Series	Cyclone® II	Mounting Type	Surface Mount
Package / Case	256-LBGA	Base Product Number	EP2C20
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP2C20F256C8N

Product Attribute				
Part Number	EP2C20F256C8N	EP2C20F484C8	EP2C15AF484I8N	EP2C20AF484I8N
Manufacturer	Intel	Intel	Intel	Intel
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)
Voltage - Supply	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V
Package	Tray	Tray	Tray	Tray
Number of LABs/CLBs	1172	1172	903	1172
Supplier Device Package	256-FBGA (17x17)	484-FBGA (23x23)	484-FBGA (23x23)	484-FBGA (23x23)
Series	Cyclone® II	Cyclone® II	Cyclone® II	Cyclone® II
Package / Case	256-LBGA	484-BGA	484-BGA	484-BGA
Base Product Number	EP2C20	EP2C20	EP2C15	EP2C20
Number of I/O	152	315	315	315
Number of Logic Elements/Cells	18752	18752	14448	18752
Total RAM Bits	239616	239616	239616	239616

EP2C20F256C8N Datasheet PDF

Download EP2C20F256C8N pdf datasheets and Intel documentation for EP2C20F256C8N - Intel.

Datasheets

[Virtual JTAG Megafuntion Guide.pdf](#)

PCN Design/Specification

[Cylindrical Battery Holders.pdf](#)

PCN Packaging

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

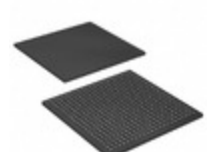
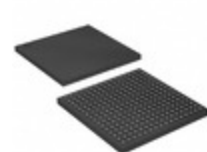
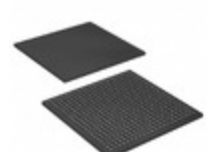
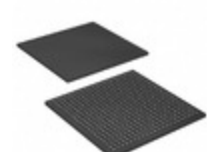
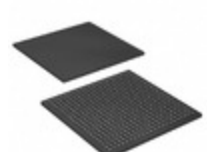
[Mult Dev Label Chgs 24/Feb/2020.pdf](#)

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Customers Also Interested in

Recommended Products



EP2C20F484C8
Intel
IC FPGA 315 I/O 484FBGA

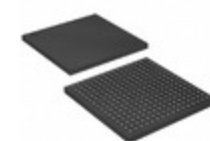
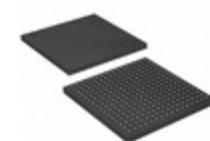
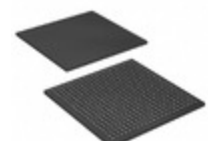
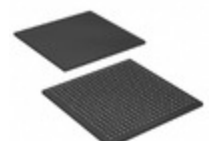
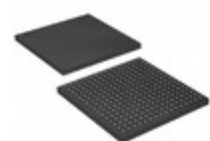
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Intel
IC FPGA 315 I/O 484FBGA

EP2C20AF484I8N
Intel
IC FPGA 315 I/O 484FBGA

EP2C20F256
Altera (Intel)

EP2C20F256I8N
Intel
IC FPGA 152 I/O 256FBGA

EP2C20F484C7
Intel
IC FPGA 315 I/O 484FBGA



EP2C20F256I6

Altera (Intel)

EP2C20F256C7N

Intel
IC FPGA 152 I/O 256FBGA

EP2C20F484C8N

Intel
IC FPGA 315 I/O 484FBGA

EP2C20F484C7N

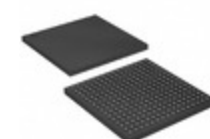
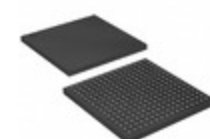
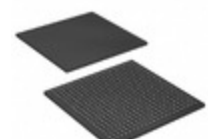
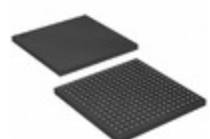
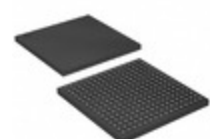
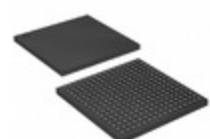
Intel
IC FPGA 315 I/O 484FBGA

EP2C20F256C8

Intel
IC FPGA 152 I/O 256FBGA

EP2C20AF256I8N

Intel
IC FPGA 152 I/O 256FBGA



EP2C20F256C6

Intel
IC FPGA 152 I/O 256FBGA

EP2C20F256C6N

Intel
IC FPGA 152 I/O 256FBGA

EP2C20AF256A7N

Intel
IC FPGA 152 I/O 256FBGA

EP2C20F484C6N

Intel
IC FPGA 315 I/O 484FBGA

EP2C20F256I8

Intel
IC FPGA 152 I/O 256FBGA

EP2C20F256C7

Intel
IC FPGA 152 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 -

 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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Contact us

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