

Image may be representation.
See specifications for product details.



EP2C5F256C8

Manufacturer Part Number	EP2C5F256C8
Manufacturer	Intel
Allelco Part Number	32D-EP2C5F256C8
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC FPGA 158 I/O 256FBGA
Package	256-LBGA
Data sheet	Virtual JTAG Megafuntion Guide.pdf 256-FBGA Pkg Info.pdf

Get a Quote

EP2C5F256C8 - Intel.New Original in Stock. Download Linear Technology EP2C5F256C8 datasheet/specifications on AllelcoElec.com.
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Specifications

EP2C5F256C8 Tech Specifications

EP2C5F256C8 - 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	4608
Total RAM Bits	119808	Number of LABs/CLBs	288
Supplier Device Package	256-FBGA (17x17)	Number of I/O	158
Series	Cyclone® II	Mounting Type	Surface Mount
Package / Case	256-LBGA	Base Product Number	EP2C5
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP2C5F256C8

Product Attribute				
Part Number	EP2C5F256C8	EP2C5Q208C8	EP2C5F256I8N	EP2C5F256C7N
Manufacturer	Intel	Intel	Intel	Intel
Series	Cyclone® II	Cyclone® II	Cyclone® II	Cyclone® II
Number of LABs/CLBs	288	288	288	288
Supplier Device Package	256-FBGA (17x17)	208-PQFP (28x28)	256-FBGA (17x17)	256-FBGA (17x17)
Package	Tray	Tray	Tray	Tray
Number of I/O	158	142	158	158
Total RAM Bits	119808	119808	119808	119808
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)
Voltage - Supply	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V
Number of Logic Elements/Cells	4608	4608	4608	4608
Base Product Number	EP2C5	EP2C5	EP2C5	EP2C5
Package / Case	256-LBGA	208-BFQFP	256-LBGA	256-LBGA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

EP2C5F256C8 Datasheet PDF

Download EP2C5F256C8 pdf datasheets and Intel documentation for EP2C5F256C8 - Intel.

Datasheets

[Virtual JTAG Megafuntion Guide.pdf](#)

[256-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](#)

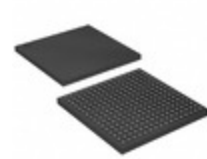
[Mult Dev Label Chgs 24/Feb/2020.pdf](#)

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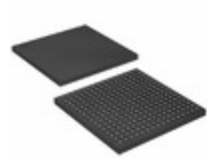
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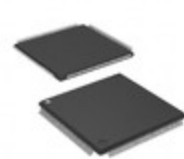
EP2C5Q208C8
Intel
IC FPGA 142 I/O 208QFP



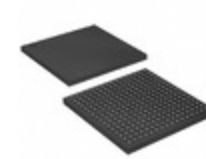
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Intel
IC FPGA 158 I/O 256FBGA



EP2C5F256C7N
Intel
IC FPGA 158 I/O 256FBGA



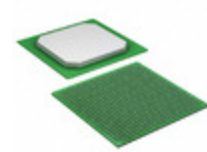
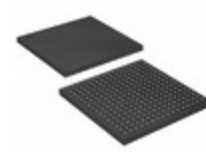
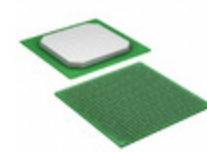
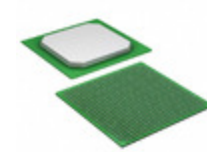
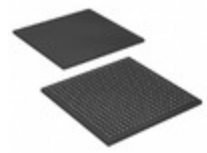
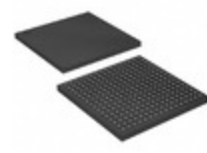
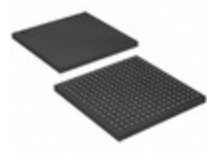
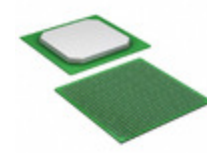
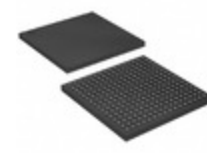
EP2C5T144C6N
Intel
IC FPGA 89 I/O 144TQFP



EP2C5F256C8N
Intel
IC FPGA 158 I/O 256FBGA



EP2C5Q208I8N
Intel
IC FPGA 142 I/O 208QFP

**EP2C5Q208C8N**Intel
IC FPGA 142 I/O 208QFP**EP2C50F672C8N**Intel
IC FPGA 450 I/O 672FBGA**EP2C5Q208C7**Intel
IC FPGA 142 I/O 208QFP**EP2C5AF256I8N**Intel
IC FPGA 158 I/O 256FBGA**EP2C50F672I8N**Intel
IC FPGA 450 I/O 672FBGA**EP2C50F672C8**Intel
IC FPGA 450 I/O 672FBGA**EP2C50U484C6N**Intel
IC FPGA 294 I/O 484UBGA**EP2C5F256C6N**Intel
IC FPGA 158 I/O 256FBGA**EP2C5F256I8**Intel
IC FPGA 158 I/O 256FBGA**EP2C5AT144A7N**Intel
IC FPGA 89 I/O 144TQFP**EP2C50F672I8**Intel
IC FPGA 450 I/O 672FBGA**EP2C5F256C6**Intel
IC FPGA 158 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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