



Image may be representation.  
See specifications for product details.



## EP2C5Q208C7

Manufacturer Part Number	<b>EP2C5Q208C7</b>
Manufacturer	<b>Intel</b>
Allelco Part Number	32D-EP2C5Q208C7
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 142 I/O 208QFP
Package	208-BFQFP
Data sheet	<b>Virtual JTAG Megafuntion Guide.pdf</b>

**Get a Quote**

EP2C5Q208C7 - Intel.New Original in Stock. Download Linear Technology EP2C5Q208C7 datasheet/specifications on AllelcoElec.com.  
Request a quote for EP2C5Q208C7, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

EP2C5Q208C7 Tech Specifications  
EP2C5Q208C7 - 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	208-PQFP (28x28)	Number of I/O	142
Series	Cyclone® II	Mounting Type	Surface Mount
Package / Case	208-BFQFP	Base Product Number	EP2C5
Package	Tray		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP2C5Q208C7

Product Attribute				
Part Number	EP2C5Q208C7	EP2C5F256C6	EP2C5F256C8N	EP2C5F256I8
Manufacturer	Intel	Intel	Intel	Intel
Supplier Device Package	208-PQFP (28x28)	256-FBGA (17x17)	256-FBGA (17x17)	256-FBGA (17x17)
Number of I/O	142	158	158	158
Number of LABs/CLBs	288	288	288	288
Voltage - Supply	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V
Package	Tray	Tray	Tray	Tray
Base Product Number	EP2C5	EP2C5	EP2C5	EP2C5
Number of Logic Elements/Cells	4608	4608	4608	4608
Total RAM Bits	119808	119808	119808	119808
Series	Cyclone® II	Cyclone® II	Cyclone® II	Cyclone® II
Package / Case	208-BFQFP	256-LBGA	256-LBGA	256-LBGA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)

### EP2C5Q208C7 Datasheet PDF

Download EP2C5Q208C7 pdf datasheets and Intel documentation for EP2C5Q208C7 - Intel.

#### Datasheets

[Virtual JTAG Megafuntion Guide.pdf](#)

#### PCN Design/Specification

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

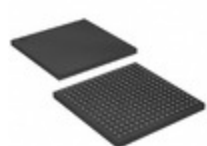
#### PCN Packaging

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

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

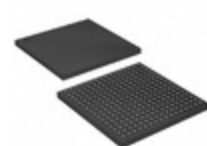
### Customers Also Interested in

#### Recommended Products



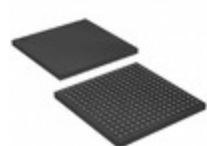
**EP2C5F256C6**

Intel  
IC FPGA 158 I/O 256FBGA



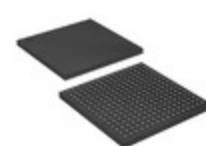
**EP2C5F256C8N**

Intel  
IC FPGA 158 I/O 256FBGA



**EP2C5F256I8**

Intel  
IC FPGA 158 I/O 256FBGA



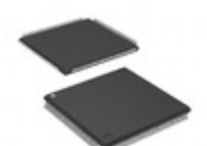
**EP2C5F256C6N**

Intel  
IC FPGA 158 I/O 256FBGA



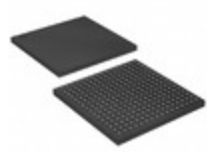
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Intel  
IC FPGA 142 I/O 208QFP



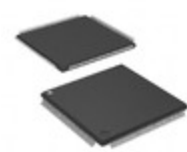
**EP2C5T144C6N**

Intel  
IC FPGA 89 I/O 144TQFP



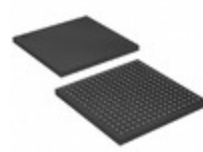
### EP2C5F256C7N

Intel  
IC FPGA 158 I/O 256FBGA



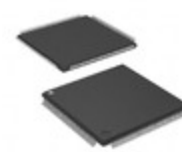
### EP2C5T144C8

Intel  
IC FPGA 89 I/O 144TQFP



### EP2C5F256C8

Intel  
IC FPGA 158 I/O 256FBGA



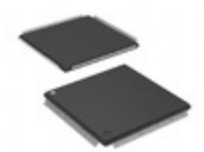
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Intel  
IC FPGA 89 I/O 144TQFP



### EP2C5Q208C8

Intel  
IC FPGA 142 I/O 208QFP



### EP2C5T144C7

Intel  
IC FPGA 89 I/O 144TQFP



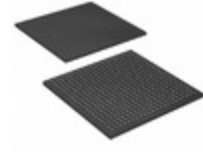
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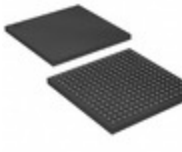
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Intel  
IC FPGA 142 I/O 208QFP



### EP2C50U484C6N

Intel  
IC FPGA 294 I/O 484UBGA



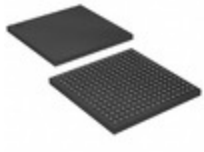
### EP2C5F256I8N

Intel  
IC FPGA 158 I/O 256FBGA



### EP2C5T144C8N

Intel  
IC FPGA 89 I/O 144TQFP



### EP2C5AF256I8N

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

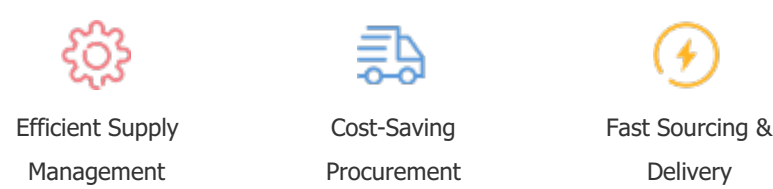
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

## 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 -



Contact us if you have any questions.



## Certifications & Memberships



View More



## Contact us

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