



Image may be representation.
See specifications for product details.



EP2C8Q208C7N

Manufacturer Part Number	EP2C8Q208C7N
Manufacturer	Intel
Allelco Part Number	32D-EP2C8Q208C7N
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC FPGA 138 I/O 208QFP
Package	208-BFQFP
Data sheet	Virtual JTAG Megafuntion Guide.pdf
RoHs Status	RoHS Compliant

Get a Quote

EP2C8Q208C7N - Intel.New Original in Stock. Download Linear Technology EP2C8Q208C7N datasheet/specifications on AllelcoElec.com.
Request a quote for EP2C8Q208C7N, please send us email: info@allelco.com

Specifications

EP2C8Q208C7N Tech Specifications

EP2C8Q208C7N - 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	8256
Total RAM Bits	165888	Number of LABs/CLBs	516
Supplier Device Package	208-PQFP (28x28)	Number of I/O	138
Series	Cyclone® II	Mounting Type	Surface Mount
Package / Case	208-BFQFP	Base Product Number	EP2C8
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP2C8Q208C7N

Product Attribute				
Part Number	EP2C8Q208C7N	EP2C8Q208I8N	EP2C8F256C7N	EP2C8Q208I8
Manufacturer	Intel	Intel	Intel	Intel
Package	Tray	Tray	Tray	Tray
Total RAM Bits	165888	165888	165888	165888
Voltage - Supply	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V
Number of LABs/CLBs	516	516	516	516
Base Product Number	EP2C8	EP2C8	EP2C8	EP2C8
Supplier Device Package	208-PQFP (28x28)	208-PQFP (28x28)	256-FBGA (17x17)	208-PQFP (28x28)
Number of I/O	138	138	182	138
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	208-BFQFP	208-BFQFP	256-LBGA	208-BFQFP
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)
Series	Cyclone® II	Cyclone® II	Cyclone® II	Cyclone® II
Number of Logic Elements/Cells	8256	8256	8256	8256

EP2C8Q208C7N Datasheet PDF

Download EP2C8Q208C7N pdf datasheets and Intel documentation for EP2C8Q208C7N - Intel.

Datasheets

[Virtual JTAG Megafuntion Guide.pdf](#)

PCN Design/Specification

[Cylindrical Battery Holders.pdf](#)

PCN Packaging

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

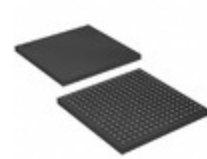
[Mult Dev Label Chgs 24/Feb/2020.pdf](#)

Customers Also Interested in

Recommended Products



EP2C8Q208I8N
Intel
IC FPGA 138 I/O 208QFP



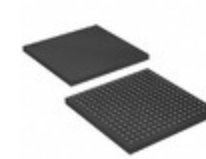
EP2C8F256C7N
Intel
IC FPGA 182 I/O 256FBGA



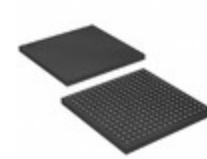
EP2C8Q208I8
Intel
IC FPGA 138 I/O 208QFP



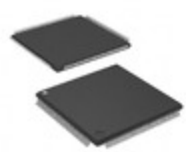
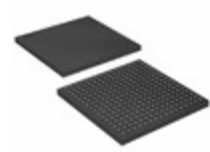
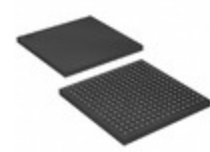
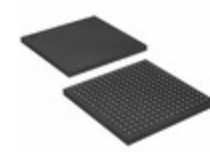
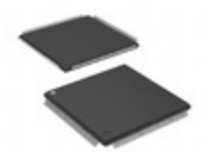
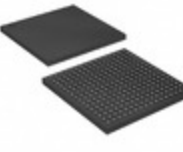
EP2C8F256CXNAA
Altera (Intel)



EP2C8F256I8N
Intel
IC FPGA 182 I/O 256FBGA



EP2C8F256I8
Intel
IC FPGA 182 I/O 256FBGA

**EP2C8T144C6**Intel
IC FPGA 85 I/O 144TQFP**EP2C8F256C7**Intel
IC FPGA 182 I/O 256FBGA**EP2C8T144C7N**Intel
IC FPGA 85 I/O 144TQFP**EP2C8F256C8N**Intel
IC FPGA 182 I/O 256FBGA**EP2C8F256C8**Intel
IC FPGA 182 I/O 256FBGA**EP2C8T144C7**Intel
IC FPGA 85 I/O 144TQFP**EP2C8T144I8**Intel
IC FPGA 85 I/O 144TQFP**EP2C8T144C8**Intel
IC FPGA 85 I/O 144TQFP**EP2C8F256C6N**Intel
IC FPGA 182 I/O 256FBGA**EP2C8T144C8N**Intel
IC FPGA 85 I/O 144TQFP**EP2C8T144C6N**Intel
IC FPGA 85 I/O 144TQFP**EP2C8Q208C8N**Intel
IC FPGA 138 I/O 208QFP

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.



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 Cost-Saving Procurement
 Fast Sourcing & Delivery

Contact us if you have any questions.

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Certifications & Memberships



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