

Image may be representation.
See specifications for product details.



EP2C50F672C8

Manufacturer Part Number	EP2C50F672C8
Manufacturer	Intel
Allelco Part Number	32D-EP2C50F672C8
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 450 I/O 672FBGA
Package	672-BGA
Data sheet	Virtual JTAG Megafuntion Guide.pdf 672-FBGA Pkg Info.pdf

Get a Quote

EP2C50F672C8 - Intel.New Original in Stock. Download Linear Technology EP2C50F672C8 datasheet/specifications on AllelcoElec.com.
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Specifications

EP2C50F672C8 Tech Specifications

EP2C50F672C8 - 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	50528
Total RAM Bits	594432	Number of LABs/CLBs	3158
Supplier Device Package	672-FBGA (27x27)	Number of I/O	450
Series	Cyclone® II	Mounting Type	Surface Mount
Package / Case	672-BGA	Base Product Number	EP2C50
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP2C50F672C8

Product Attribute				
Part Number	EP2C50F672C8	EP2C5F256C8	EP2C50F484I8	EP2C50F484I8N
Manufacturer	Intel	Intel	Intel	Intel
Total RAM Bits	594432	119808	594432	594432
Base Product Number	EP2C50	EP2C5	EP2C50	EP2C50
Number of LABs/CLBs	3158	288	3158	3158
Package / Case	672-BGA	256-LBGA	484-BGA	484-BGA
Voltage - Supply	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V
Package	Tray	Tray	Tray	Tray
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Logic Elements/Cells	50528	4608	50528	50528
Supplier Device Package	672-FBGA (27x27)	256-FBGA (17x17)	484-FBGA (23x23)	484-FBGA (23x23)
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)
Series	Cyclone® II	Cyclone® II	Cyclone® II	Cyclone® II
Number of I/O	450	158	294	294

EP2C50F672C8 Datasheet PDF

Download EP2C50F672C8 pdf datasheets and Intel documentation for EP2C50F672C8 - Intel.

Datasheets

Virtual JTAG Megafuntion Guide.pdf

672-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

Customers Also Interested in

Recommended Products

EP2C5F256C8
Intel
IC FPGA 158 I/O 256FBGA

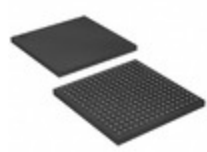
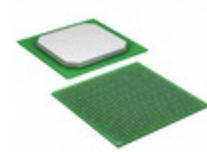
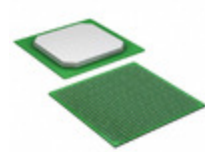
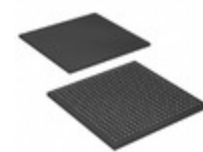
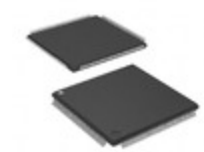
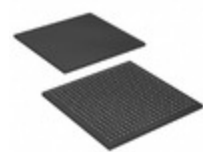
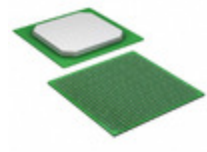
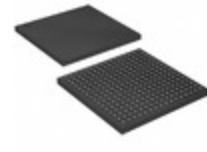
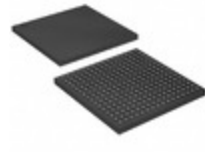
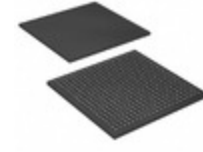
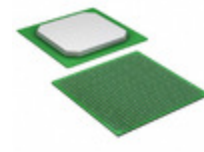
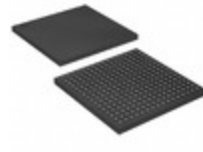
EP2C50F484I8
Intel
IC FPGA 294 I/O 484FBGA

EP2C50F484I8N
Intel
IC FPGA 294 I/O 484FBGA

EP2C50U484C6N
Intel
IC FPGA 294 I/O 484UBGA

EP2C50F672I8N
Intel
IC FPGA 450 I/O 672FBGA

EP2C50F672I8
Intel
IC FPGA 450 I/O 672FBGA

**EP2C5AF256I8N**Intel
IC FPGA 158 I/O 256FBGA**EP2C50F672C6**Intel
IC FPGA 450 I/O 672FBGA**EP2C50F672C6N**Intel
IC FPGA 450 I/O 672FBGA**EP2C50F484C7N**Intel
IC FPGA 294 I/O 484FBGA**EP2C5AT144A7N**Intel
IC FPGA 89 I/O 144TQFP**EP2C50F484C8**Intel
IC FPGA 294 I/O 484FBGA**EP2C50F672C8N**Intel
IC FPGA 450 I/O 672FBGA**EP2C5F256C6**Intel
IC FPGA 158 I/O 256FBGA**EP2C5F256C6N**Intel
IC FPGA 158 I/O 256FBGA**EP2C50F484C8N**Intel
IC FPGA 294 I/O 484FBGA**EP2C50F672C7N**Intel
IC FPGA 450 I/O 672FBGA**EP2C5F256C7N**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.

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Certifications & Memberships



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