

Image may be representation.
See specifications for product details.



EP2C50F484C8

Manufacturer Part Number	EP2C50F484C8
Manufacturer	Intel
Allelco Part Number	32D-EP2C50F484C8
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 294 I/O 484FBGA
Package	484-BGA
Data sheet	Virtual JTAG Megafuntion Guide.pdf 484-FBGA Pkg Info.pdf

Get a Quote

EP2C50F484C8 - Intel.New Original in Stock. Download Linear Technology EP2C50F484C8 datasheet/specifications on AllelcoElec.com.
Request a quote for EP2C50F484C8, please send us email: info@allelco.com

Specifications

EP2C50F484C8 Tech Specifications

EP2C50F484C8 - 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	484-FBGA (23x23)	Number of I/O	294
Series	Cyclone® II	Mounting Type	Surface Mount
Package / Case	484-BGA	Base Product Number	EP2C50
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP2C50F484C8

Product Attribute				
Part Number	EP2C50F484C8	EP2C50F484C7N	EP2C50F672C8N	EP2C35F672C7N
Manufacturer	Intel	Intel	Intel	Intel
Total RAM Bits	594432	594432	594432	483840
Series	Cyclone® II	Cyclone® II	Cyclone® II	Cyclone® II
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Base Product Number	EP2C50	EP2C50	EP2C50	EP2C35
Voltage - Supply	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V
Package / Case	484-BGA	484-BGA	672-BGA	672-BGA
Package	Tray	Tray	Tray	Tray
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of I/O	294	294	450	475
Supplier Device Package	484-FBGA (23x23)	484-FBGA (23x23)	672-FBGA (27x27)	672-FBGA (27x27)
Number of Logic Elements/Cells	50528	50528	50528	33216
Number of LABs/CLBs	3158	3158	3158	2076

EP2C50F484C8 Datasheet PDF

Download EP2C50F484C8 pdf datasheets and Intel documentation for EP2C50F484C8 - Intel.

Datasheets

Virtual JTAG Megafuntion Guide.pdf

484-FBGA Pkg Info.pdf

PCN Design/Specification

Mult Series Software Chgs 26/Mar/2020.pdf

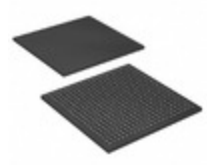
PCN Packaging

Mult Dev Label CHG 24/Jan/2020.pdf

Mult Dev Label Chgs 24/Feb/2020.pdf

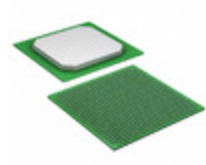
Customers Also Interested in

Recommended Products



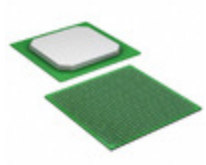
EP2C50F484C7N

Intel
IC FPGA 294 I/O 484FBGA



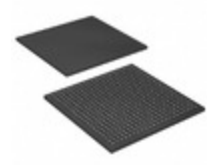
EP2C50F672C8N

Intel
IC FPGA 450 I/O 672FBGA



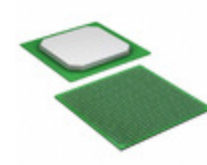
EP2C35F672C7N

Intel
IC FPGA 475 I/O 672FBGA



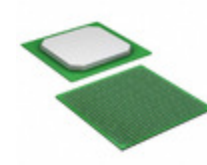
EP2C50F484C6N

Intel
IC FPGA 294 I/O 484FBGA



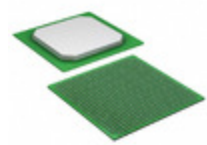
EP2C50F672C6

Intel
IC FPGA 450 I/O 672FBGA



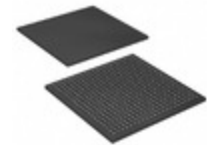
EP2C50F672C7N

Intel
IC FPGA 450 I/O 672FBGA



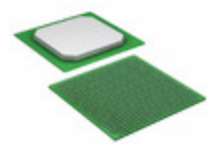
EP2C35F672C8N

Intel
IC FPGA 475 I/O 672FBGA



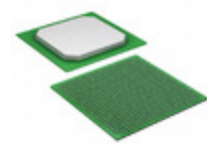
EP2C50F484C8N

Intel
IC FPGA 294 I/O 484FBGA



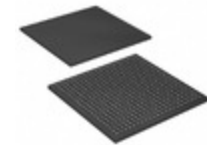
EP2C35F672C7

Intel
IC FPGA 475 I/O 672FBGA



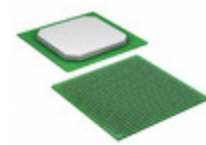
EP2C50F672C8

Intel
IC FPGA 450 I/O 672FBGA



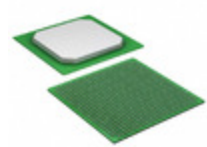
EP2C50F484I8

Intel
IC FPGA 294 I/O 484FBGA



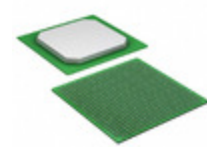
EP2C50F672C6N

Intel
IC FPGA 450 I/O 672FBGA



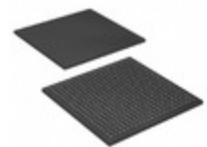
EP2C35F672I8

Intel
IC FPGA 475 I/O 672FBGA



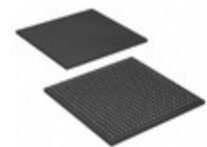
EP2C35F672C8

Intel
IC FPGA 475 I/O 672FBGA



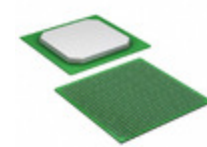
EP2C50F484I8N

Intel
IC FPGA 294 I/O 484FBGA



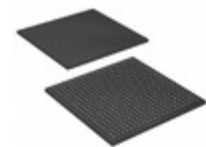
EP2C50F484C6

Intel
IC FPGA 294 I/O 484FBGA



EP2C35F672I8N

Intel
IC FPGA 475 I/O 672FBGA



EP2C35U484C6

Intel
IC FPGA 322 I/O 484UBGA

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



View More