

Image may be representation.  
See specifications for product details.



## EP2C50F672C7N

Manufacturer Part Number	<b>EP2C50F672C7N</b>
Manufacturer	<b>Intel</b>
Allelco Part Number	32D-EP2C50F672C7N
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 450 I/O 672FBGA
Package	672-BGA
Data sheet	<a href="#">Virtual JTAG Megafuntion Guide.pdf</a> <a href="#">Cylindrical Battery Holders.pdf</a>
RoHs Status	RoHS Compliant

**Get a Quote**

EP2C50F672C7N - Intel.New Original in Stock. Download Linear Technology EP2C50F672C7N datasheet/specifications on AllelcoElec.com.  
Request a quote for EP2C50F672C7N, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

EP2C50F672C7N Tech Specifications  
EP2C50F672C7N - 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 EP2C50F672C7N

Product Attribute				
Part Number	EP2C50F672C7N	<a href="#">EP2C50F484C8N</a>	<a href="#">EP2C5F256C6N</a>	<a href="#">EP2C50F672C8N</a>
Manufacturer	Intel	Intel	Intel	Intel
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of LABs/CLBs	3158	3158	288	3158
Package	Tray	Tray	Tray	Tray
Number of Logic Elements/Cells	50528	50528	4608	50528
Package / Case	672-BGA	484-BGA	256-LBGA	672-BGA
Base Product Number	EP2C50	EP2C50	EP2C5	EP2C50
Voltage - Supply	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Supplier Device Package	672-FBGA (27x27)	484-FBGA (23x23)	256-FBGA (17x17)	672-FBGA (27x27)
Series	Cyclone® II	Cyclone® II	Cyclone® II	Cyclone® II
Total RAM Bits	594432	594432	119808	594432
Number of I/O	450	294	158	450

### EP2C50F672C7N Datasheet PDF

Download EP2C50F672C7N pdf datasheets and Intel documentation for EP2C50F672C7N - 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](#)

#### HTML Datasheet

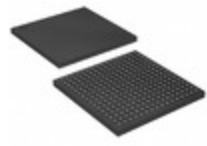
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#### Recommended Products



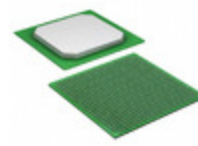
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Intel  
IC FPGA 294 I/O 484FBGA



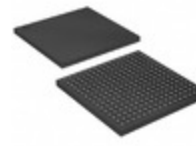
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Intel  
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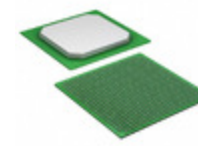
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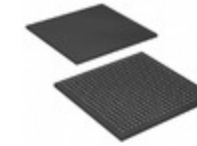
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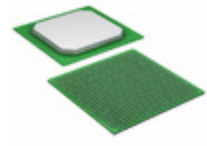
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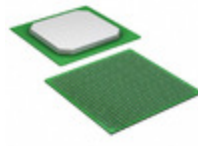
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Intel  
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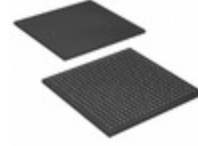
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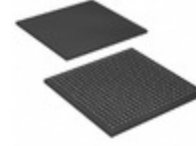
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Intel  
IC FPGA 89 I/O 144TQFP



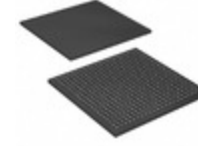
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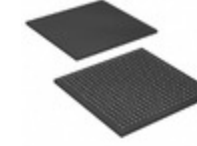
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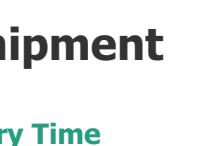
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Intel  
IC FPGA 450 I/O 672FBGA



**EP2C50F484C6N**  
Intel  
IC FPGA 294 I/O 484FBGA



**EP2C50F672I8N**  
Intel  
IC FPGA 450 I/O 672FBGA



**EP2C50F672I8**  
Intel  
IC FPGA 450 I/O 672FBGA



**EP2C50F484I8**  
Intel  
IC FPGA 294 I/O 484FBGA



**EP2C50F484C7N**  
Intel  
IC FPGA 294 I/O 484FBGA



**EP2C50F484I8N**  
Intel  
IC FPGA 294 I/O 484FBGA



**EP2C50F484C8**  
Intel  
IC FPGA 294 I/O 484FBGA



## 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  
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## Certifications & Memberships



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