

Image may be representation.
See specifications for product details.



EP2C50F672I8

| | |
|--------------------------|---|
| Manufacturer Part Number | EP2C50F672I8 |
| Manufacturer | Intel |
| Allelco Part Number | 32D-EP2C50F672I8 |
| ECAD Model | Request Free CAD Models |
| Parts Description | IC FPGA 450 I/O 672FBGA |
| Package | 672-BGA |
| Data sheet | Virtual JTAG Megafuntion Guide.pdf Cylindrical Battery Holders.pdf |

Get a Quote

EP2C50F672I8 - Intel.New Original in Stock. Download Linear Technology EP2C50F672I8 datasheet/specifications on AllelcoElec.com.
Request a quote for EP2C50F672I8, please send us email: info@allelco.com

Specifications

EP2C50F672I8 Tech Specifications

EP2C50F672I8 - Intel technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|-------------------------|------------------|--------------------------------|--------------------|
| Manufacturer | Intel | Operating Temperature | -40°C ~ 100°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 EP2C50F672I8

| Product Attribute | | | | |
|--------------------------------|--------------------|------------------|--------------------|------------------|
| Part Number | EP2C50F672I8 | EP2C5F256C8 | EP2C50F672I8N | EP2C50F672C7N |
| Manufacturer | Intel | Intel | Intel | Intel |
| Base Product Number | EP2C50 | EP2C5 | EP2C50 | EP2C50 |
| Number of LABs/CLBs | 3158 | 288 | 3158 | 3158 |
| Operating Temperature | -40°C ~ 100°C (TJ) | 0°C ~ 85°C (TJ) | -40°C ~ 100°C (TJ) | 0°C ~ 85°C (TJ) |
| Number of I/O | 450 | 158 | 450 | 450 |
| Supplier Device Package | 672-FBGA (27x27) | 256-FBGA (17x17) | 672-FBGA (27x27) | 672-FBGA (27x27) |
| Voltage - Supply | 1.15V ~ 1.25V | 1.15V ~ 1.25V | 1.15V ~ 1.25V | 1.15V ~ 1.25V |
| Total RAM Bits | 594432 | 119808 | 594432 | 594432 |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Package | Tray | Tray | Tray | Tray |
| Package / Case | 672-BGA | 256-LBGA | 672-BGA | 672-BGA |
| Number of Logic Elements/Cells | 50528 | 4608 | 50528 | 50528 |
| Series | Cyclone® II | Cyclone® II | Cyclone® II | Cyclone® II |

EP2C50F672I8 Datasheet PDF

Download EP2C50F672I8 pdf datasheets and Intel documentation for EP2C50F672I8 - 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

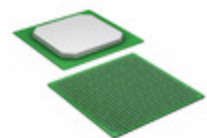
[Cylindrical Battery Holders.pdf](#)

Customers Also Interested in

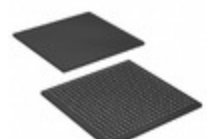
Recommended Products



EP2C5F256C8
Intel
IC FPGA 158 I/O 256FBGA

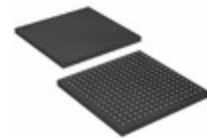


EP2C50F672C6N
Intel
IC FPGA 450 I/O 672FBGA

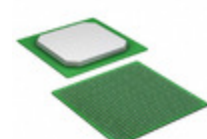


EP2C50F484I8
Intel
IC FPGA 294 I/O 484FBGA

EP2C50F672I8N
Intel
IC FPGA 450 I/O 672FBGA

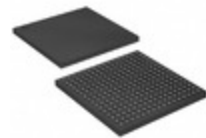


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Intel
IC FPGA 158 I/O 256FBGA

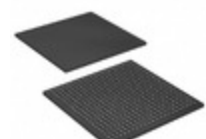


EP2C50F672C8N
Intel
IC FPGA 450 I/O 672FBGA

EP2C50F672C7N
Intel
IC FPGA 450 I/O 672FBGA

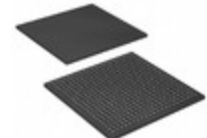


EP2C5F256C6
Intel
IC FPGA 158 I/O 256FBGA



EP2C50U484C6N
Intel
IC FPGA 294 I/O 484UBGA

EP2C50F672C8
Intel
IC FPGA 450 I/O 672FBGA

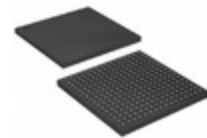


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Intel
IC FPGA 294 I/O 484FBGA

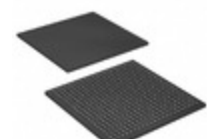


EP2C5AT144A7N
Intel
IC FPGA 89 I/O 144TQFP

EP2C50F672C6
Intel
IC FPGA 450 I/O 672FBGA

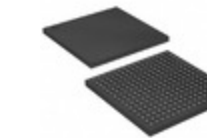


EP2C5F256I8
Intel
IC FPGA 158 I/O 256FBGA

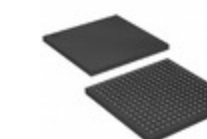


EP2C50F484C8N
Intel
IC FPGA 294 I/O 484FBGA

EP2C5F256C6N
Intel
IC FPGA 158 I/O 256FBGA



EP2C5F256C7N
Intel
IC FPGA 158 I/O 256FBGA



EP2C5F256C8N
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.



Phone
+00852 9146 4856



Email
info@allelco.com

Certifications & Memberships



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