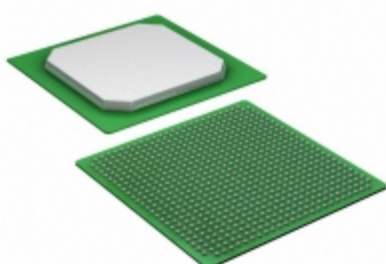


EP2C50F672C8N



Images are for reference only.  
See Product Specifications for product details.  
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**Part Number:** [EP2C50F672C8N](#)

**Manufacturer:** [Intel® FPGAs](#)

**Description:** IC FPGA 450 I/O 672FBGA

**Data sheet:**  [Cyclone II Handbook](#)  
 [672-FBGA Pkg Info](#)  
 [Virtual JTAG Megafuntion User Guide](#)

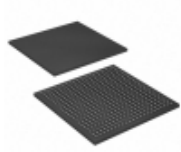
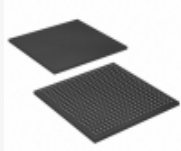
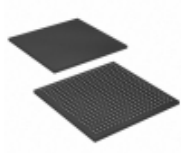
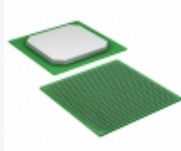
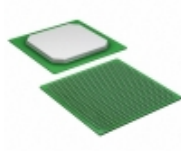
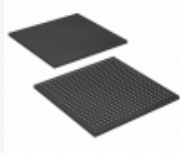
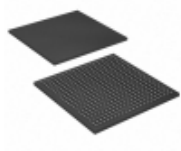
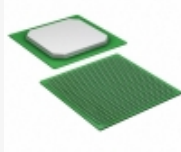
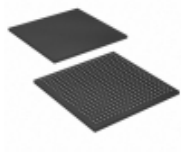
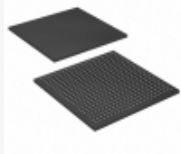
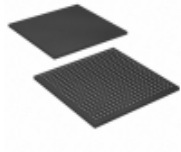
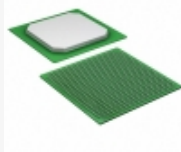
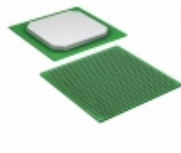
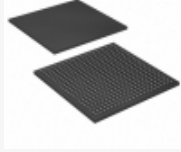
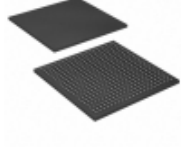
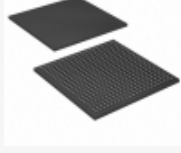
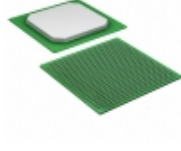
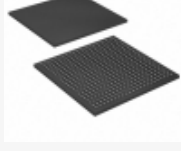
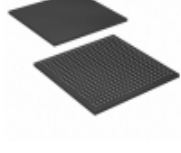
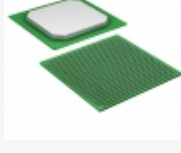
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                           |                                 |                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                       | EP2C50F672C8N                             | Manufacturer                    | <a href="#">Intel® FPGAs</a>                                                                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC FPGA 450 I/O 672FBGA                   | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                | 473 pcs                                   | Data sheet                      | <a href="#">Cyclone II Handbook</a><br><a href="#">672-FBGA Pkg Info</a><br><a href="#">Virtual JTAG Megafuntion User Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                | 1.15 V ~ 1.25 V                                                                                                                 |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                    | 594432                                    | Supplier Device Package         | 672-FBGA (27x27)                                                                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                            | Cyclone® II                               | Package / Case                  | 672-BGA                                                                                                                         |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                       | 544-1690                                  | Operating Temperature           | 0°C ~ 85°C (TJ)                                                                                                                 |
| Number of Logic Elements/Cells                                                                                                                                                                                                                                                                                                                                                                                                                    | 50528                                     | Number of LABs/CLBs             | 3158                                                                                                                            |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                     | 450                                       | Mounting Type                   | Surface Mount                                                                                                                   |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                  | 3 (168 Hours)                             | Manufacturer Standard Lead Time | 8 Weeks                                                                                                                         |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                    | Lead free / RoHS Compliant                | Base Part Number                | EP2C50                                                                                                                          |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Intel® FPGAs series electronic components. We have 473 pieces of Intel® FPGAs EP2C50F672C8N in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                 |                                                                                                                                 |

| RELATED PRODUCTS                                                                   |                                                                              |                                                                             |                     |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------|-----------------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">EP2C50U484C6</a><br>Description: IC FPGA 294 I/O 484UBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP2C50F484C7N</a><br>Description: IC FPGA 294 I/O 484FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP2C50F484I8N</a><br>Description: IC FPGA 294 I/O 484FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP2C50F672I8N</a><br>Description: IC FPGA 450 I/O 672FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP2C50F672I8</a><br>Description: IC FPGA 450 I/O 672FBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP2C50F484C8N</a><br>Description: IC FPGA 294 I/O 484FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP2C50U484C8</a><br>Description: IC FPGA 294 I/O 484UBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP2C50F672C8</a><br>Description: IC FPGA 450 I/O 672FBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP2C50U484C7</a><br>Description: IC FPGA 294 I/O 484UBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP2C50U484C8N</a><br>Description: IC FPGA 294 I/O 484UBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP2C50F484I8</a><br>Description: IC FPGA 294 I/O 484FBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP2C50F672C6N</a><br>Description: IC FPGA 450 I/O 672FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP2C50F672C7</a><br>Description: IC FPGA 450 I/O 672FBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP2C50U484I8</a><br>Description: IC FPGA 294 I/O 484UBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP2C50U484I8N</a><br>Description: IC FPGA 294 I/O 484UBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP2C50F484C8</a><br>Description: IC FPGA 294 I/O 484FBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP2C50F672C6</a><br>Description: IC FPGA 450 I/O 672FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP2C50U484C7N</a><br>Description: IC FPGA 294 I/O 484UBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP2C50U484C6N</a><br>Description: IC FPGA 294 I/O 484UBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP2C50F672C7N</a><br>Description: IC FPGA 450 I/O 672FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |

| Related keywords for EP2C50F672C8N |                           |                        |                     |
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