



Intel® FPGAs

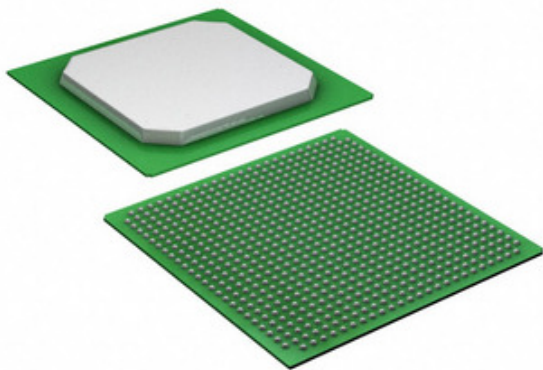


Image may be representation. See specifications for product details.

EP4CGX50DF27C6N

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP4CGX50DF27C6N                                                                                              |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                 |
| Product description | IC FPGA 310 I/O 672FBGA                                                                                      |
|                     | <a href="#">PDF</a> 1.EP4CGX50DF27C6N.pdf                                                                    |
|                     | <a href="#">PDF</a> 2.EP4CGX50DF27C6N.pdf                                                                    |
|                     | <a href="#">PDF</a> 3.EP4CGX50DF27C6N.pdf                                                                    |
|                     | <a href="#">PDF</a> 4.EP4CGX50DF27C6N.pdf                                                                    |
|                     | <a href="#">PDF</a> 5.EP4CGX50DF27C6N.pdf                                                                    |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

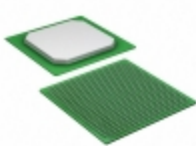
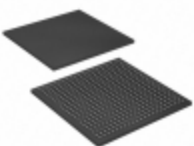
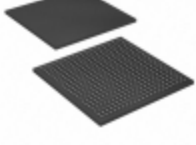
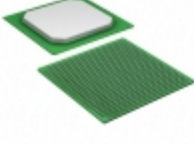
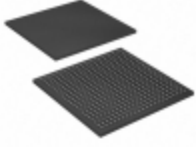
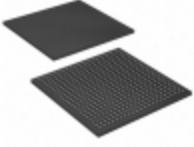
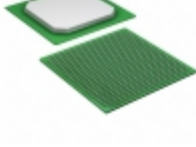
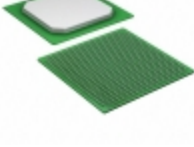
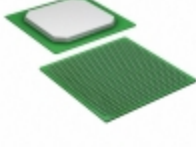
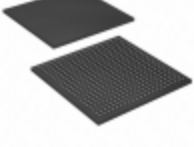
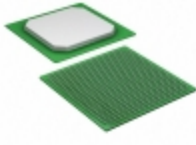
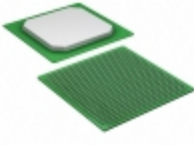
Specifications of EP4CGX50DF27C6N

|                                  |                                           |
|----------------------------------|-------------------------------------------|
| PART NUMBER                      | EP4CGX50DF27C6N                           |
| MANUFACTURER                     | Intel® FPGAs                              |
| DESCRIPTION                      | IC FPGA 310 I/O 672FBGA                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                |
| DATA SHEET                       | <a href="#">PDF</a> 1.EP4CGX50DF27C6N.pdf |
|                                  | <a href="#">PDF</a> 2.EP4CGX50DF27C6N.pdf |
|                                  | <a href="#">PDF</a> 3.EP4CGX50DF27C6N.pdf |
|                                  | <a href="#">PDF</a> 4.EP4CGX50DF27C6N.pdf |
|                                  | <a href="#">PDF</a> 5.EP4CGX50DF27C6N.pdf |
| VOLTAGE - SUPPLY                 | 1.16 V ~ 1.24 V                           |
| TOTAL RAM BITS                   | 2562048                                   |
| SUPPLIER DEVICE PACKAGE          | 672-FBGA (27x27)                          |
| SERIES                           | Cyclone® IV GX                            |
| PACKAGE / CASE                   | 672-BGA                                   |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                           |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 49888                                     |
| NUMBER OF LABS/CLBS              | 3118                                      |
| NUMBER OF I/O                    | 310                                       |
| 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                 | EP4CGX50                                  |

Related Tags

|                               |                                    |                                  |
|-------------------------------|------------------------------------|----------------------------------|
| Intel® FPGAs EP4CGX50DF27C6N  | EP4CGX50DF27C6N Distributor        | EP4CGX50DF27C6N Supplier         |
| EP4CGX50DF27C6N Price         | EP4CGX50DF27C6N Pictures           | EP4CGX50DF27C6N Image            |
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| Intel® FPGAs EP4CGX50DF27C6N  |                                    |                                  |

Related Products

|                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>EP4CGX50DF27C6</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 310 I/O 672FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>EP4CGX50CF23C7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 290 I/O 484FBGA<br/>In stock: 36 pcs<br/><a href="#">RFQ</a></div>                                 |
|  <div><b>EP4CGX50CF23I7</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 290 I/O 484FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>EP4CGX50DF27C7N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 310 I/O 672FBGA<br/>In stock: 21 pcs<br/><a href="#">RFQ</a></div> |
|  <div><b>EP4CGX50CF23C8</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 290 I/O 484FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>EP4CGX50CF23I7N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 290 I/O 484FBGA<br/>In stock: 5 pcs<br/><a href="#">RFQ</a></div>  |
|  <div><b>EP4CGX50DF27I7</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 310 I/O 672FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>EP4CGX50DF27I7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 310 I/O 672FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>                              |
|  <div><b>EP4CGX50DF27C8</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 310 I/O 672FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>EP4CGX50CF23C8N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 290 I/O 484FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>                              |
|  <div><b>EP4CGX50DF27C8N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 310 I/O 672FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>EP4CGX50DF27C7</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 310 I/O 672FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>                               |