



Intel® FPGAs

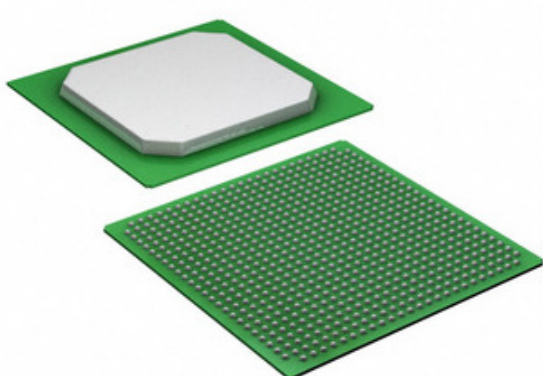


Image may be representation. See specifications for product details.

EP4CGX75DF27C6N

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP4CGX75DF27C6N                                                                                              |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                 |
| Product description | IC FPGA 310 I/O 672FBGA                                                                                      |
|                     |  1.EP4CGX75DF27C6N.pdf      |
|                     |  2.EP4CGX75DF27C6N.pdf      |
|                     |  3.EP4CGX75DF27C6N.pdf      |
|                     |  4.EP4CGX75DF27C6N.pdf      |
|                     |  5.EP4CGX75DF27C6N.pdf      |
|                     |  Lead free / RoHS Compliant |
| RoHs Status         |                                                                                                              |
| Stock Condition     | 336 pcs stock                                                                                                |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

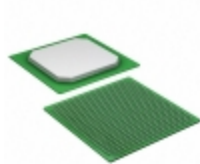
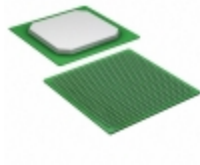
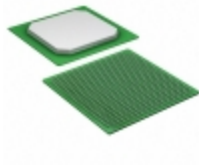
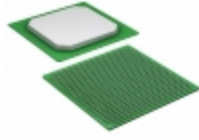
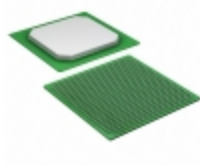
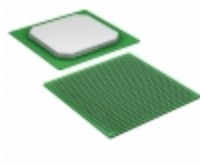
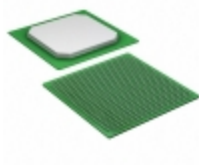
Specifications of EP4CGX75DF27C6N

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP4CGX75DF27C6N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| DESCRIPTION                      | IC FPGA 310 I/O 672FBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| QUANTITY AVAILABLE               | 336 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| DATA SHEET                       |  1.EP4CGX75DF27C6N.pdf<br> 2.EP4CGX75DF27C6N.pdf<br> 3.EP4CGX75DF27C6N.pdf<br> 4.EP4CGX75DF27C6N.pdf<br> 5.EP4CGX75DF27C6N.pdf |
| VOLTAGE - SUPPLY                 | 1.16 V ~ 1.24 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| TOTAL RAM BITS                   | 4257792                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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   | 73920                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| NUMBER OF LABS/CLBS              | 4620                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| NUMBER OF I/O                    | 310                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| BASE PART NUMBER                 | EP4CGX75                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

Related Tags

|                               |                                    |                                  |
|-------------------------------|------------------------------------|----------------------------------|
| Intel® FPGAs EP4CGX75DF27C6N  | EP4CGX75DF27C6N Distributor        | EP4CGX75DF27C6N Supplier         |
| EP4CGX75DF27C6N Price         | EP4CGX75DF27C6N Pictures           | EP4CGX75DF27C6N Image            |
| EP4CGX75DF27C6N PDF Datasheet | EP4CGX75DF27C6N Download Datasheet | EP4CGX75DF27C6N Datasheet        |
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| Intel® FPGAs EP4CGX75DF27C6N  | Intel® FPGAs Supplier              | Intel® FPGAs Distributor         |
| Intel® FPGAs EP4CGX75DF27C6N  |                                    |                                  |

Related Products

|                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>EP4CGX75DF27C7</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 310 I/O 672FBGA<br/>In stock: 395 pcs<br/><b>RFQ</b></div>  |  <div><b>EP4CGX75CF2317</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 290 I/O 484FBGA<br/>In stock: 416 pcs<br/><b>RFQ</b></div>  |
|  <div><b>EP4CGX75CF2317N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 290 I/O 484FBGA<br/>In stock: 405 pcs<br/><b>RFQ</b></div> |  <div><b>EP4CGX75CF23C8</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 290 I/O 484FBGA<br/>In stock: 621 pcs<br/><b>RFQ</b></div>  |
|  <div><b>EP4CGX75DF27C6</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 310 I/O 672FBGA<br/>In stock: 358 pcs<br/><b>RFQ</b></div>  |  <div><b>EP4CGX75DF27C8</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 310 I/O 672FBGA<br/>In stock: 518 pcs<br/><b>RFQ</b></div>  |
|  <div><b>EP4CGX75CF23C8N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 290 I/O 484FBGA<br/>In stock: 571 pcs<br/><b>RFQ</b></div> |  <div><b>EP4CGX75DF27I7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 310 I/O 672FBGA<br/>In stock: 371 pcs<br/><b>RFQ</b></div> |
|  <div><b>EP4CGX75DF27C8N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 310 I/O 672FBGA<br/>In stock: 581 pcs<br/><b>RFQ</b></div> |  <div><b>EP4CGX75CF23C7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 290 I/O 484FBGA<br/>In stock: 449 pcs<br/><b>RFQ</b></div> |
|  <div><b>EP4CGX75DF27C7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 310 I/O 672FBGA<br/>In stock: 439 pcs<br/><b>RFQ</b></div> |  <div><b>EP4CGX75DF27I7</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 310 I/O 672FBGA<br/>In stock: 280 pcs<br/><b>RFQ</b></div>  |