



Intel® FPGAs

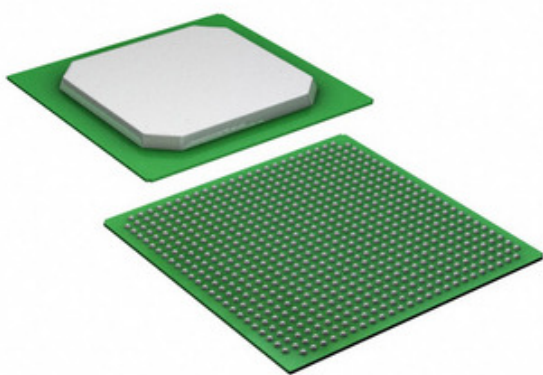


Image may be representation. See specifications for product details.

5CGXFC4C6F27C7N

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | 5CGXFC4C6F27C7N                                                                                              |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                 |
| Product description | IC FPGA 336 I/O 672FBGA                                                                                      |
|                     |  1.5CGXFC4C6F27C7N.pdf      |
|                     |  2.5CGXFC4C6F27C7N.pdf      |
|                     |  3.5CGXFC4C6F27C7N.pdf      |
|                     |  4.5CGXFC4C6F27C7N.pdf      |
|                     |  5.5CGXFC4C6F27C7N.pdf      |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         | 524 pcs stock                                                                                                |
| Stock Condition     | Hong Kong                                                                                                    |
| Ship From           | DHL/Fedex/TNT/UPS/EMS                                                                                        |
| Shipment Way        |                                                                                                              |

REQUEST FOR QUOTATION

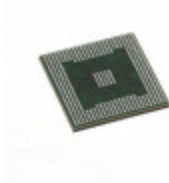
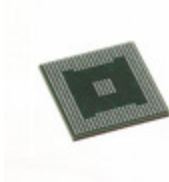
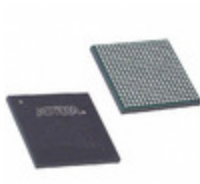
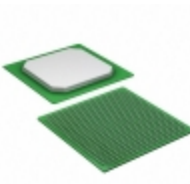
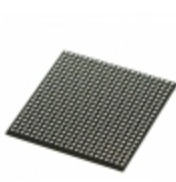
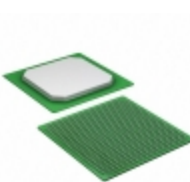
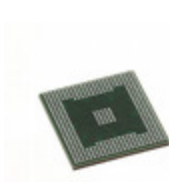
Specifications of 5CGXFC4C6F27C7N

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5CGXFC4C6F27C7N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| DESCRIPTION                      | IC FPGA 336 I/O 672FBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| QUANTITY AVAILABLE               | 524 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| DATA SHEET                       |  1.5CGXFC4C6F27C7N.pdf<br> 2.5CGXFC4C6F27C7N.pdf<br> 3.5CGXFC4C6F27C7N.pdf<br> 4.5CGXFC4C6F27C7N.pdf<br> 5.5CGXFC4C6F27C7N.pdf |
| VOLTAGE - SUPPLY                 | 1.07 V ~ 1.13 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| TOTAL RAM BITS                   | 2862080                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 672-FBGA (27x27)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| SERIES                           | Cyclone® V GX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 672-BGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| OTHER NAMES                      | 544-3293<br>5CGXFC4C6F27C7N-ND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 50000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| NUMBER OF LABS/CLBS              | 18868                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| NUMBER OF I/O                    | 336                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| BASE PART NUMBER                 | 5CGXFC4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

Related Tags

|                               |                                    |                                  |
|-------------------------------|------------------------------------|----------------------------------|
| Intel® FPGAs 5CGXFC4C6F27C7N  | 5CGXFC4C6F27C7N Distributor        | 5CGXFC4C6F27C7N Supplier         |
| 5CGXFC4C6F27C7N Price         | 5CGXFC4C6F27C7N Pictures           | 5CGXFC4C6F27C7N Image            |
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| Intel® FPGAs 5CGXFC4C6F27C7N  |                                    |                                  |

Related Products

|                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>5CGXFC4C6M13I7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 175 I/O 383MBGA<br/>In stock: 495 pcs<br/><b>RFQ</b></div>  |  <div><b>5CGXFC4C6U19C6N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 224 I/O 484UBGA<br/>In stock: 561 pcs<br/><b>RFQ</b></div>  |
|  <div><b>5CGXFC4C6M13C7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 175 I/O 383MBGA<br/>In stock: 569 pcs<br/><b>RFQ</b></div>  |  <div><b>5CGXFC4C6F23C7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 240 I/O 484FBGA<br/>In stock: 731 pcs<br/><b>RFQ</b></div>  |
|  <div><b>5CGXFC3B7U15C8N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 144 I/O 324UBGA<br/>In stock: 1025 pcs<br/><b>RFQ</b></div> |  <div><b>5CGXFC4C6F27C6N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 336 I/O 672FBGA<br/>In stock: 502 pcs<br/><b>RFQ</b></div>  |
|  <div><b>5CGXFC4C6U19A7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 224 I/O 484UBGA<br/>In stock: 402 pcs<br/><b>RFQ</b></div>  |  <div><b>5CGXFC4C6F27I7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 336 I/O 672FBGA<br/>In stock: 460 pcs<br/><b>RFQ</b></div>  |
|  <div><b>5CGXFC4C6M13C6N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 175 I/O 383MBGA<br/>In stock: 541 pcs<br/><b>RFQ</b></div>  |  <div><b>5CGXFC3B7U19C8N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 208 I/O 484UBGA<br/>In stock: 1091 pcs<br/><b>RFQ</b></div> |
|  <div><b>5CGXFC4C6F23I7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 240 I/O 484FBGA<br/>In stock: 530 pcs<br/><b>RFQ</b></div>  |  <div><b>5CGXFC4C6F23C6N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 240 I/O 484FBGA<br/>In stock: 535 pcs<br/><b>RFQ</b></div>  |