



Intel® FPGAs

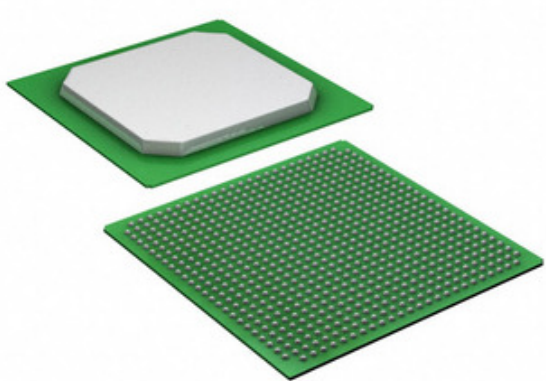


Image may be representation. See specifications for product details.

5CGXFC5C7F27C8N

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | 5CGXFC5C7F27C8N                                                                                              |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                 |
| Product description | IC FPGA 336 I/O 672FBGA                                                                                      |
|                     |  1.5CGXFC5C7F27C8N.pdf      |
|                     |  2.5CGXFC5C7F27C8N.pdf      |
|                     |  3.5CGXFC5C7F27C8N.pdf      |
|                     |  4.5CGXFC5C7F27C8N.pdf      |
|                     |  5.5CGXFC5C7F27C8N.pdf      |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         | 726 pcs stock                                                                                                |
| Stock Condition     | Hong Kong                                                                                                    |
| Ship From           | DHL/Fedex/TNT/UPS/EMS                                                                                        |
| Shipment Way        |                                                                                                              |

REQUEST FOR QUOTATION

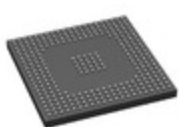
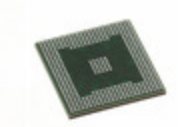
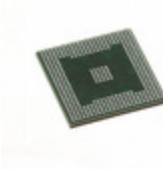
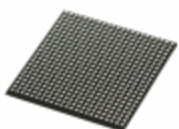
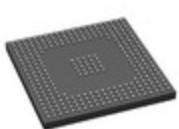
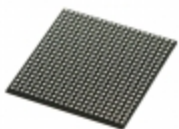
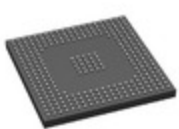
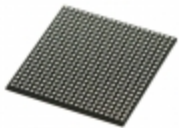
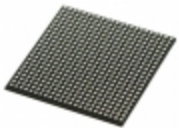
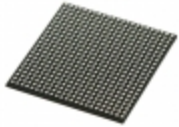
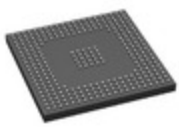
Specifications of 5CGXFC5C7F27C8N

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5CGXFC5C7F27C8N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| DESCRIPTION                      | IC FPGA 336 I/O 672FBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| QUANTITY AVAILABLE               | 726 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| DATA SHEET                       |  1.5CGXFC5C7F27C8N.pdf<br> 2.5CGXFC5C7F27C8N.pdf<br> 3.5CGXFC5C7F27C8N.pdf<br> 4.5CGXFC5C7F27C8N.pdf<br> 5.5CGXFC5C7F27C8N.pdf |
| VOLTAGE - SUPPLY                 | 1.07 V ~ 1.13 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| TOTAL RAM BITS                   | 5001216                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 672-FBGA (27x27)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| SERIES                           | Cyclone® V GX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 672-BGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| OTHER NAMES                      | 544-3298<br>5CGXFC5C7F27C8N-ND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 77000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| NUMBER OF LABS/CLBS              | 29080                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 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                 | 5CGXFC5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

Related Tags

|                               |                                    |                                  |
|-------------------------------|------------------------------------|----------------------------------|
| Intel® FPGAs 5CGXFC5C7F27C8N  | 5CGXFC5C7F27C8N Distributor        | 5CGXFC5C7F27C8N Supplier         |
| 5CGXFC5C7F27C8N Price         | 5CGXFC5C7F27C8N Pictures           | 5CGXFC5C7F27C8N Image            |
| 5CGXFC5C7F27C8N PDF Datasheet | 5CGXFC5C7F27C8N Download Datasheet | 5CGXFC5C7F27C8N Datasheet        |
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| Intel® FPGAs 5CGXFC5C7F27C8N  | Intel® FPGAs Supplier              | Intel® FPGAs Distributor         |
| Intel® FPGAs 5CGXFC5C7F27C8N  |                                    |                                  |

Related Products

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>5CGXFC5F6M11C7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 129 I/O 301MBGA<br/>In stock: 696 pcs<br/><b>RFQ</b></div> |  <div><b>5CGXFC5C7M13C8N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 175 I/O 383MBGA<br/>In stock: 644 pcs<br/><b>RFQ</b></div>                                 |
|  <div><b>5CGXFC5C6M13I7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 175 I/O 383MBGA<br/>In stock: 413 pcs<br/><b>RFQ</b></div> |  <div><b>5CGXFC5C7F23C8N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 240 I/O 484FBGA<br/>In stock: 882 pcs<br/><b>RFQ</b></div>                                 |
|  <div><b>5CGXFC5C6U19C7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 224 I/O 484UBGA<br/>In stock: 505 pcs<br/><b>RFQ</b></div> |  <div><b>5CGXFC5F7M11C8N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 129 I/O 301MBGA<br/>In stock: 781 pcs<br/><b>RFQ</b></div>                                 |
|  <div><b>5CGXFC5C7U19C8N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 224 I/O 484UBGA<br/>In stock: 811 pcs<br/><b>RFQ</b></div> |  <div><b>5CGXFC5F6M11C6N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 129 I/O 301MBGA<br/>In stock: 500 pcs<br/><b>RFQ</b></div>                                 |
|  <div><b>5CGXFC5C6U19A7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 224 I/O 484UBGA<br/>In stock: 459 pcs<br/><b>RFQ</b></div> |  <div><b>5CGXFC5C6U19I7N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 224 I/O 484UBGA<br/>In stock: 492 pcs<br/><b>RFQ</b></div> |
|  <div><b>5CGXFC5C6U19C6N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 224 I/O 484UBGA<br/>In stock: 559 pcs<br/><b>RFQ</b></div> |  <div><b>5CGXFC5F6M11I7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 129 I/O 301MBGA<br/>In stock: 534 pcs<br/><b>RFQ</b></div>                                 |