



Altera (Intel® Programmable

Solutions Group)

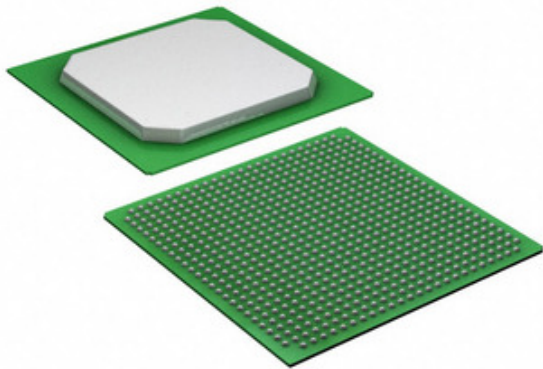


Image may be representation. See specifications for product details.

Part Number: 5CGXFC5C6F27I7N

Manufacturer/Brand: Altera (Intel® Programmable Solutions Group)

Product description: IC FPGA 336 I/O 672FBGA

1.5CGXFC5C6F27I7N.pdf

2.5CGXFC5C6F27I7N.pdf

3.5CGXFC5C6F27I7N.pdf

4.5CGXFC5C6F27I7N.pdf

5.5CGXFC5C6F27I7N.pdf

Datasheets:

RoHs Status:  Lead free / RoHS Compliant

Stock Condition: 470 pcs stock

Ship From: Hong Kong

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

REQUEST FOR QUOTATION

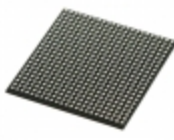
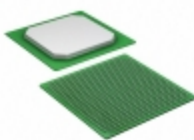
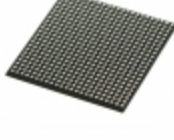
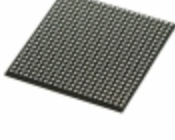
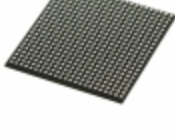
Specifications of 5CGXFC5C6F27I7N

|                                  |                                                                                                                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5CGXFC5C6F27I7N                                                                                                                                                                                           |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                              |
| DESCRIPTION                      | IC FPGA 336 I/O 672FBGA                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                |
| QUANTITY AVAILABLE               | 470 pcs                                                                                                                                                                                                   |
| DATA SHEET                       | <a href="#">1.5CGXFC5C6F27I7N.pdf</a><br><a href="#">2.5CGXFC5C6F27I7N.pdf</a><br><a href="#">3.5CGXFC5C6F27I7N.pdf</a><br><a href="#">4.5CGXFC5C6F27I7N.pdf</a><br><a href="#">5.5CGXFC5C6F27I7N.pdf</a> |
| 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                      | 544-3295<br>5CGXFC5C6F27I7N-ND                                                                                                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 100°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

|                                                              |                                                       |                                                                  |
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| 5CGXFC5C6F27I7N PDF Datasheet                                | 5CGXFC5C6F27I7N Download Datasheet                    | 5CGXFC5C6F27I7N Datasheet                                        |
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Related Products

|                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>5CGXFC5C6F23C6N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 240 I/O 484FBGA<br/>In stock: 494 pcs<br/><a href="#">RFQ</a></div> |  <div><b>5CGXFC5C6F27C6N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 336 I/O 672FBGA<br/>In stock: 502 pcs<br/><a href="#">RFQ</a></div> |
|  <div><b>5CGXFC5C6M13C6N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 175 I/O 383MBGA<br/>In stock: 518 pcs<br/><a href="#">RFQ</a></div> |  <div><b>5CGXFC5C6M13C7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 175 I/O 383MBGA<br/>In stock: 547 pcs<br/><a href="#">RFQ</a></div> |
|  <div><b>5CGXFC5C6F23C7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 240 I/O 484FBGA<br/>In stock: 570 pcs<br/><a href="#">RFQ</a></div> |  <div><b>5CGXFC5C6F23A7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 240 I/O 484FBGA<br/>In stock: 396 pcs<br/><a href="#">RFQ</a></div> |
|  <div><b>5CGXFC5C6M13I7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 175 I/O 383MBGA<br/>In stock: 413 pcs<br/><a href="#">RFQ</a></div> |  <div><b>5CGXFC5C6U19C6N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 224 I/O 484UBGA<br/>In stock: 559 pcs<br/><a href="#">RFQ</a></div> |
|  <div><b>5CGXFC5C6U19A7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 224 I/O 484UBGA<br/>In stock: 459 pcs<br/><a href="#">RFQ</a></div> |  <div><b>5CGXFC5C6F23I7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 240 I/O 484FBGA<br/>In stock: 478 pcs<br/><a href="#">RFQ</a></div> |
|  <div><b>5CGXFC5C6U19C7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 224 I/O 484UBGA<br/>In stock: 505 pcs<br/><a href="#">RFQ</a></div> |  <div><b>5CGXFC5C6F27C7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 336 I/O 672FBGA<br/>In stock: 630 pcs<br/><a href="#">RFQ</a></div> |