



Intel® FPGAs

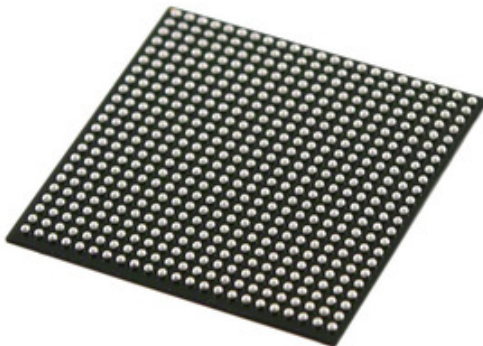


Image may be representation. See specifications for product details.

5CGXFC7C6F23C6N

Part Number:5CGXFC7C6F23C6N

Manufacturer/Brand:Intel® FPGAs

Product description:IC FPGA 240 I/O 484FBGA

1.5CGXFC7C6F23C6N.pdf

2.5CGXFC7C6F23C6N.pdf

3.5CGXFC7C6F23C6N.pdf

4.5CGXFC7C6F23C6N.pdf

5.5CGXFC7C6F23C6N.pdf

Datasheets:

Lead free / RoHS Compliant

RoHS Status:339 pcs stock

Stock Condition:Hong Kong

Ship From:DHL/Fedex/TNT/UPS/EMS

Shipment Way:

REQUEST FOR QUOTATION

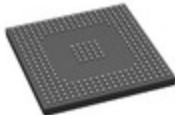
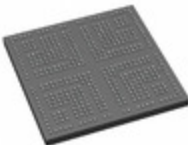
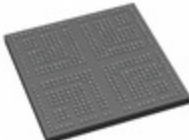
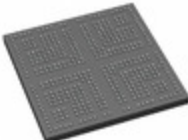
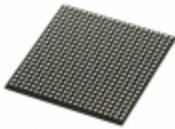
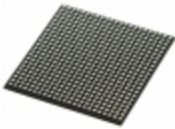
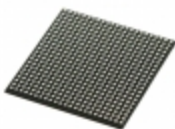
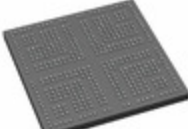
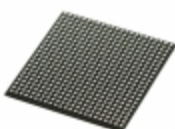
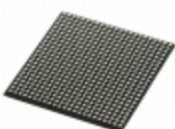
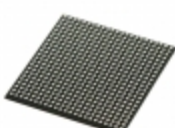
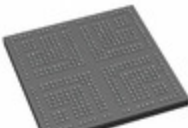
Specifications of 5CGXFC7C6F23C6N

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5CGXFC7C6F23C6N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| DESCRIPTION                      | IC FPGA 240 I/O 484FBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| QUANTITY AVAILABLE               | 339 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| DATA SHEET                       | <div>1.5CGXFC7C6F23C6N.pdf</div> <div>2.5CGXFC7C6F23C6N.pdf</div> <div>3.5CGXFC7C6F23C6N.pdf</div> <div>4.5CGXFC7C6F23C6N.pdf</div> <div>5.5CGXFC7C6F23C6N.pdf</div> |
| VOLTAGE - SUPPLY                 | 1.07 V ~ 1.13 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| TOTAL RAM BITS                   | 7880704                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 484-FBGA (23x23)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| SERIES                           | Cyclone® V GX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| PACKAGE / CASE                   | 484-BGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| OTHER NAMES                      | 544-3299<br>5CGXFC7C6F23C6N-ND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 149500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| NUMBER OF LABS/CLBS              | 56480                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| NUMBER OF I/O                    | 240                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| BASE PART NUMBER                 | 5CGXFC7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

Related Tags

|                               |                                    |                                  |
|-------------------------------|------------------------------------|----------------------------------|
| Intel® FPGAs 5CGXFC7C6F23C6N  | 5CGXFC7C6F23C6N Distributor        | 5CGXFC7C6F23C6N Supplier         |
| 5CGXFC7C6F23C6N Price         | 5CGXFC7C6F23C6N Pictures           | 5CGXFC7C6F23C6N Image            |
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Related Products

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div>5CGXFC5F7M11C8N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 129 I/O 301MBGA</div> <div>In stock: 781 pcs</div> <div>RFQ</div>                                 | <div></div> <div>5CGXFC7B7M15C8N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 240 I/O 484MBGA</div> <div>In stock: 405 pcs</div> <div>RFQ</div>                                 |
| <div></div> <div>5CGXFC7B6M15C6N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 240 I/O 484MBGA</div> <div>In stock: 302 pcs</div> <div>RFQ</div> | <div></div> <div>5CGXFC7B6M15C7N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 240 I/O 484MBGA</div> <div>In stock: 334 pcs</div> <div>RFQ</div>                                 |
| <div></div> <div>5CGXFC7C6F23I7N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 240 I/O 484FBGA</div> <div>In stock: 309 pcs</div> <div>RFQ</div>                                 | <div></div> <div>5CGXFC7C6U19C6N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 240 I/O 484UBGA</div> <div>In stock: 309 pcs</div> <div>RFQ</div> |
| <div></div> <div>5CGXFC7C6U19I7</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 240 I/O 484UBGA</div> <div>In stock: 296 pcs</div> <div>RFQ</div>  | <div></div> <div>5CGXFC7B6M15I7N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 240 I/O 484MBGA</div> <div>In stock: 253 pcs</div> <div>RFQ</div> |
| <div></div> <div>5CGXFC7C6F23C7N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 240 I/O 484FBGA</div> <div>In stock: 349 pcs</div> <div>RFQ</div>                                 | <div></div> <div>5CGXFC7C6U19C7N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 240 I/O 484UBGA</div> <div>In stock: 391 pcs</div> <div>RFQ</div>                                 |
| <div></div> <div>5CGXFC7C6U19A7N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 240 I/O 484UBGA</div> <div>In stock: 232 pcs</div> <div>RFQ</div> | <div></div> <div>5CGXFC7B6M15I7</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 240 I/O 484MBGA</div> <div>In stock: 278 pcs</div> <div>RFQ</div>  |