

5CGXFC5C6F23C6N



Images are for reference only.  
See Product Specifications for product details.  
**Buy 5CGXFC5C6F23C6N with confidence from Component-World.HK, 1 Year Warranty**



**Part Number:** [5CGXFC5C6F23C6N](#)

**Manufacturer** [Intel® FPGAs](#)

**Description** IC FPGA 240 I/O 484FBGA

**Data sheet:**  [Cyclone V Device Overview](#)  
 [Cyclone V GX,GT,E Errata](#)  
 [Cyclone V Device Datasheet](#)  
 [Cyclone V Device Handbook](#)  
 [Virtual JTAG Megafuntion User Guide](#)

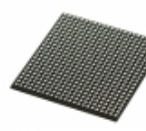
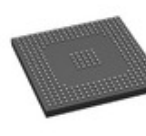
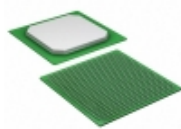
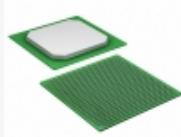
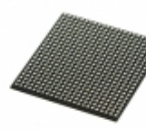
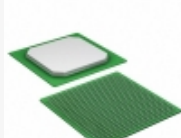
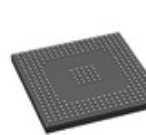
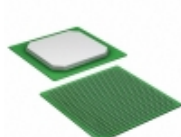
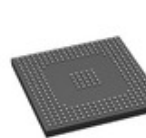
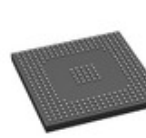
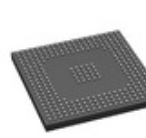
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                           |                                  |                                                                                                                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5CGXFC5C6F23C6N                           | Manufacturer                     | <a href="#">Intel® FPGAs</a>                                                                                                                                                                                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                         | IC FPGA 240 I/O 484FBGA                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                  | 509 pcs                                   | Data sheet                       | <a href="#">Cyclone V Device Overview</a><br><a href="#">Cyclone V GX,GT,E Errata</a><br><a href="#">Cyclone V Device Datasheet</a><br><a href="#">Cyclone V Device Handbook</a><br><a href="#">Virtual JTAG Megafuntion User Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 1.07 V ~ 1.13 V                                                                                                                                                                                                                         |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5001216                                   | Supplier Device Package          | 484-FBGA (23x23)                                                                                                                                                                                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                              | Cyclone® V GX                             | Package / Case                   | 484-BGA                                                                                                                                                                                                                                 |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                               | 0°C ~ 85°C (TJ)                           | Number of Logic Elements/Cells   | 77000                                                                                                                                                                                                                                   |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                                 | 29080                                     | Number of I/O                    | 240                                                                                                                                                                                                                                     |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                       | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                                                                                                                                           |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                     | 12 Weeks                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                                              |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                    | 5CGXFC5                                   |                                  |                                                                                                                                                                                                                                         |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Intel® FPGAs series electronic components. We have 509 pieces of Intel® FPGAs 5CGXFC5C6F23C6N in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                  |                                                                                                                                                                                                                                         |

| RELATED PRODUCTS                                                                   |                                                                                |                                                                             |                     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">5CGXFC5C6M13I7N</a><br>Description: IC FPGA 175 I/O 383MBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5CGXFC4C7U19C8N</a><br>Description: IC FPGA 224 I/O 484UBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5CGXFC5C6F23A7N</a><br>Description: IC FPGA 240 I/O 484FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5CGXFC4F6M11I7N</a><br>Description: IC FPGA 129 I/O 301MBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5CGXFC5C6F27C6N</a><br>Description: IC FPGA 336 I/O 672FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5CGXFC5C6F27I7N</a><br>Description: IC FPGA 336 I/O 672FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5CGXFC5C6F23C7N</a><br>Description: IC FPGA 240 I/O 484FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5CGXFC5C6M13C6N</a><br>Description: IC FPGA 175 I/O 383MBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5CGXFC5C6M13C7N</a><br>Description: IC FPGA 175 I/O 383MBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5CGXFC4C7F27C8N</a><br>Description: IC FPGA 336 I/O 672FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5CGXFC5C6U19A7N</a><br>Description: IC FPGA 224 I/O 484UBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5CGXFC4F6M11I7</a><br>Description: IC FPGA 129 I/O 301MBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5CGXFC5C6F27C7N</a><br>Description: IC FPGA 336 I/O 672FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5CGXFC4C7M13C8N</a><br>Description: IC FPGA 175 I/O 383MBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5CGXFC4F6M11C7N</a><br>Description: IC FPGA 129 I/O 301MBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5CGXFC5C6F23I7N</a><br>Description: IC FPGA 240 I/O 484FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5CGXFC5C6U19C6N</a><br>Description: IC FPGA 224 I/O 484UBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5CGXFC4F7M11C8N</a><br>Description: IC FPGA 129 I/O 301MBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5CGXFC4F6M11C6N</a><br>Description: IC FPGA 129 I/O 301MBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5CGXFC4C7F23C8N</a><br>Description: IC FPGA 240 I/O 484FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |

|                                             |                             |                          |                       |
|---------------------------------------------|-----------------------------|--------------------------|-----------------------|
| Related keywords for <b>5CGXFC5C6F23C6N</b> |                             |                          |                       |
| Intel® FPGAs 5CGXFC5C6F23C6N                | 5CGXFC5C6F23C6N distributor | 5CGXFC5C6F23C6N supplier | 5CGXFC5C6F23C6N price |
| 5CGXFC5C6F23C6N download datasheet          | 5CGXFC5C6F23C6N datasheet   | 5CGXFC5C6F23C6N stock    | buy 5CGXFC5C6F23C6N   |
| Intel® FPGAs 5CGXFC5C6F23C6N                |                             |                          |                       |