

5CGXFC4C6U19A7N



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**Part Number:** [5CGXFC4C6U19A7N](#)

**Manufacturer:** [Intel® FPGAs](#)

**Description:** IC FPGA 224 I/O 484UBGA

**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](#)

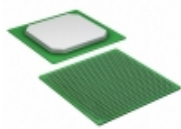
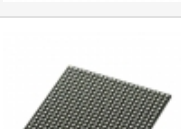
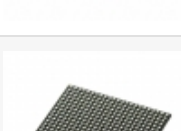
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                           |                                  |                                                                                                                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5CGXFC4C6U19A7N                           | Manufacturer                     | <a href="#">Intel® FPGAs</a>                                                                                                                                                                                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                         | IC FPGA 224 I/O 484UBGA                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                  | 414 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                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2862080                                   | Supplier Device Package          | 484-UBGA (19x19)                                                                                                                                                                                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                              | Cyclone® V GX                             | Package / Case                   | 484-FBGA                                                                                                                                                                                                                                |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                               | -40°C ~ 125°C (TJ)                        | Number of Logic Elements/Cells   | 50000                                                                                                                                                                                                                                   |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                                 | 18868                                     | Number of I/O                    | 224                                                                                                                                                                                                                                     |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                       | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                                                                                                                                           |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                     | 8 Weeks                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                                              |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                    | 5CGXFC4                                   |                                  |                                                                                                                                                                                                                                         |
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| RELATED PRODUCTS                                                                   |                                                                                |                                             |                     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------------------|---------------------|
|  | Part#: <a href="#">5CGXFC4C6F27I7N</a><br>Description: IC FPGA 336 I/O 672FBGA | Manufacturers: <a href="#">Intel® FPGAs</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5CGXFC4C6U19C6N</a><br>Description: IC FPGA 224 I/O 484UBGA | Manufacturers: <a href="#">Intel® FPGAs</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5CGXFC4C6M13I7N</a><br>Description: IC FPGA 175 I/O 383MBGA | 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> |
|  | Part#: <a href="#">5CGXFC4C6M13C7N</a><br>Description: IC FPGA 175 I/O 383MBGA | Manufacturers: <a href="#">Intel® FPGAs</a> | <a href="#">RFQ</a> |
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|  | 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="#">5CGXFC4C7M13C8N</a><br>Description: IC FPGA 175 I/O 383MBGA | Manufacturers: <a href="#">Intel® FPGAs</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5CGXFC3B7U19C8N</a><br>Description: IC FPGA 208 I/O 484UBGA | Manufacturers: <a href="#">Intel® FPGAs</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5CGXFC4C6U19C7N</a><br>Description: IC FPGA 224 I/O 484UBGA | Manufacturers: <a href="#">Intel® FPGAs</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">5CGXFC4C6F27C6N</a><br>Description: IC FPGA 336 I/O 672FBGA | 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> |
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|  | 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="#">5CGXFC4C7U19C8N</a><br>Description: IC FPGA 224 I/O 484UBGA | Manufacturers: <a href="#">Intel® FPGAs</a> | <a href="#">RFQ</a> |
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| Related keywords for 5CGXFC4C6U19A7N |                             |                          |                       |
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