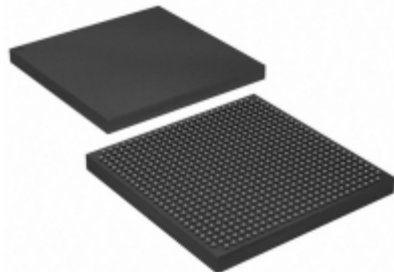


EP1SGX10CF672C5



Images are for reference only.  
See Product Specifications for product details.  
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**Part Number:** [EP1SGX10CF672C5](#)

**Manufacturer:** [Altera \(Intel® Programmable Solutions Group\)](#)

**Description:** IC FPGA 362 I/O 672FBGA

**Data sheet:**  [Stratix GX Family Datasheet](#)  
 [Stratix GX Device Handbook, Volume 1](#)  
 [672-FBGA Pkg Info](#)  
 [Virtual JTAG Megafuntion User Guide](#)

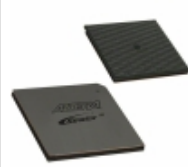
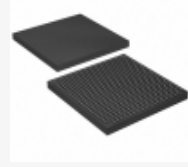
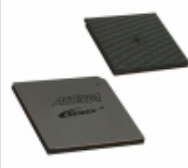
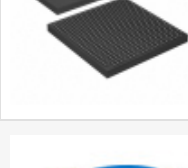
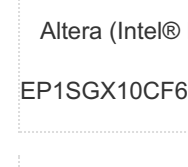
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                           |                                  |                                                                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | EP1SGX10CF672C5                           | Manufacturer                     | <a href="#">Altera (Intel® Programmable Solutions Group)</a>                                                                                                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC FPGA 362 I/O 672FBGA                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5178 pcs                                  | Data sheet                       | <a href="#">Stratix GX Family Datasheet</a><br><a href="#">Stratix GX Device Handbook, Volume 1</a><br><a href="#">672-FBGA Pkg Info</a><br><a href="#">Virtual JTAG Megafuntion User Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 1.425 V ~ 1.575 V                                                                                                                                                                               |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 920448                                    | Supplier Device Package          | 672-FBGA (27x27)                                                                                                                                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Stratix® GX                               | Package / Case                   | 672-BBGA, FCBGA                                                                                                                                                                                 |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0°C ~ 85°C (TJ)                           | Number of Logic Elements/Cells   | 10570                                                                                                                                                                                           |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1057                                      | Number of I/O                    | 362                                                                                                                                                                                             |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                                                                                                   |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Lead free / RoHS Compliant                | Base Part Number                 | EP1SGX10                                                                                                                                                                                        |
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|  | Part#: <a href="#">EP1SGX10DF672C6</a><br>Description: IC FPGA 362 I/O 672FBGA       | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1SGX10DF672C5</a><br>Description: IC FPGA 362 I/O 672FBGA       | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1SGX10CF672C7</a><br>Description: IC FPGA 362 I/O 672FBGA       | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1S80F1508C5N</a><br>Description: IC FPGA 1022 I/O 1508FBGA      | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1SGX10CF672C7N</a><br>Description: IC FPGA 362 I/O 672FBGA      | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1SGX10CF672C7GA</a><br>Description: IC FPGA STRATIX GX 672FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1S80F1508I6</a><br>Description: IC FPGA STRATIX 1508FBGA        | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1SGX10DF672C5N</a><br>Description: IC FPGA 362 I/O 672FBGA      | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1S80F1508C7</a><br>Description: IC FPGA 1203 I/O 1508FBGA       | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1S80F1508I7N</a><br>Description: IC FPGA 1203 I/O 1508FBGA      | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1S80F1508C5</a><br>Description: IC FPGA 1022 I/O 1508FBGA       | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1SGX10CF672C6</a><br>Description: IC FPGA 362 I/O 672FBGA       | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1S80F1508C7N</a><br>Description: IC FPGA 1203 I/O 1508FBGA      | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1S80F1508C6N</a><br>Description: IC FPGA 1203 I/O 1508FBGA      | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1S80F1508C6</a><br>Description: IC FPGA 1203 I/O 1508FBGA       | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1SGX10CF672C6N</a><br>Description: IC FPGA 362 I/O 672FBGA      | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1S80F1508C6AA</a><br>Description: IC FPGA STRATIX 1508FBGA      | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1SGX10CF672C5N</a><br>Description: IC FPGA 362 I/O 672FBGA      | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1SGX10CF672C6NGA</a><br>Description: IC FPGA STRATIX GX 672FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |

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