



Intel® FPGAs

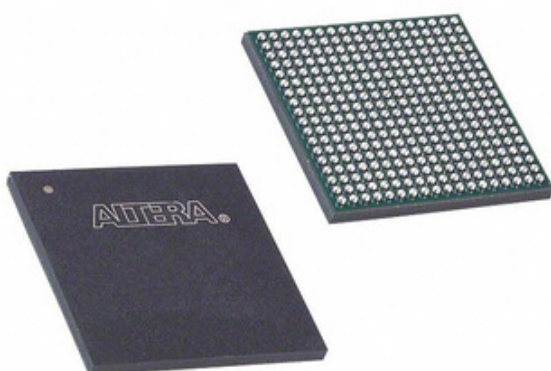


Image may be representation. See specifications for product details.

EP4CGX22CF19I7

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP4CGX22CF19I7                                                                                                       |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                         |
| Product description | IC FPGA 150 I/O 324FBGA                                                                                              |
|                     |  1.EP4CGX22CF19I7.pdf               |
|                     |  2.EP4CGX22CF19I7.pdf               |
|                     |  3.EP4CGX22CF19I7.pdf               |
|                     |  4.EP4CGX22CF19I7.pdf               |
|                     |  5.EP4CGX22CF19I7.pdf               |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 1285 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

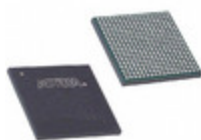
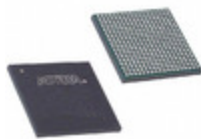
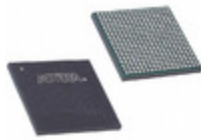
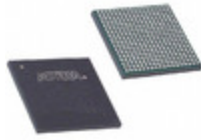
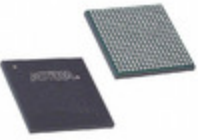
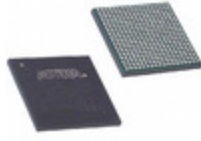
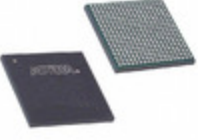
Specifications of EP4CGX22CF19I7

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP4CGX22CF19I7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| DESCRIPTION                      | IC FPGA 150 I/O 324FBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| QUANTITY AVAILABLE               | 1285 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| DATA SHEET                       |  1.EP4CGX22CF19I7.pdf<br> 2.EP4CGX22CF19I7.pdf<br> 3.EP4CGX22CF19I7.pdf<br> 4.EP4CGX22CF19I7.pdf<br> 5.EP4CGX22CF19I7.pdf |
| VOLTAGE - SUPPLY                 | 1.16 V ~ 1.24 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| TOTAL RAM BITS                   | 774144                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 324-FBGA (19x19)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| SERIES                           | Cyclone® IV GX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| PACKAGE / CASE                   | 324-LBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 21280                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| NUMBER OF LABS/CLBS              | 1330                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| NUMBER OF I/O                    | 150                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| BASE PART NUMBER                 | EP4CGX22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

Related Tags

|                              |                                   |                                 |
|------------------------------|-----------------------------------|---------------------------------|
| Intel® FPGAs EP4CGX22CF19I7  | EP4CGX22CF19I7 Distributor        | EP4CGX22CF19I7 Supplier         |
| EP4CGX22CF19I7 Price         | EP4CGX22CF19I7 Pictures           | EP4CGX22CF19I7 Image            |
| EP4CGX22CF19I7 PDF Datasheet | EP4CGX22CF19I7 Download Datasheet | EP4CGX22CF19I7 Datasheet        |
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| Intel® FPGAs EP4CGX22CF19I7  | Intel® FPGAs Supplier             | Intel® FPGAs Distributor        |
| Intel® FPGAs EP4CGX22CF19I7  |                                   |                                 |

Related Products

|                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>EP4CGX22CF19C8N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 150 I/O 324FBGA<br/>In stock: 1816 pcs<br/><div>RFQ</div></div> |  <div><b>EP4CGX30BF14C7</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 72 I/O 169FBGA<br/>In stock: 1133 pcs<br/><div>RFQ</div></div>                                   |
|  <div><b>EP4CGX22CF19C7N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 150 I/O 324FBGA<br/>In stock: 1436 pcs<br/><div>RFQ</div></div> |  <div><b>EP4CGX30BF14C7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 72 I/O 169FBGA<br/>In stock: 1249 pcs<br/><div>RFQ</div></div>                                  |
|  <div><b>EP4CGX22CF19C6</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 150 I/O 324FBGA<br/>In stock: 1280 pcs<br/><div>RFQ</div></div>                                  |  <div><b>EP4CGX30BF14C6</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 72 I/O 169FBGA<br/>In stock: 853 pcs<br/><div>RFQ</div></div>                                    |
|  <div><b>EP4CGX22CF19C8</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 150 I/O 324FBGA<br/>In stock: 1983 pcs<br/><div>RFQ</div></div>  |  <div><b>EP4CGX22CF19C6N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 150 I/O 324FBGA<br/>In stock: 1279 pcs<br/><div>RFQ</div></div> |
|  <div><b>EP4CGX22CF19I7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 150 I/O 324FBGA<br/>In stock: 1456 pcs<br/><div>RFQ</div></div>                                 |  <div><b>EP4CGX30BF14C6N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 72 I/O 169FBGA<br/>In stock: 913 pcs<br/><div>RFQ</div></div>                                   |
|  <div><b>EP4CGX30BF14C8</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 72 I/O 169FBGA<br/>In stock: 1286 pcs<br/><div>RFQ</div></div>                                   |  <div><b>EP4CGX22CF19C7</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 150 I/O 324FBGA<br/>In stock: 1428 pcs<br/><div>RFQ</div></div>  |