



Altera (Intel® Programmable Solutions Group)



EP4CGX15BF14C6

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP4CGX15BF14C6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Product description | IC FPGA 72 I/O 169FBGA<br> 1.EP4CGX15BF14C6.pdf<br> 2.EP4CGX15BF14C6.pdf<br> 3.EP4CGX15BF14C6.pdf<br> 4.EP4CGX15BF14C6.pdf<br> 5.EP4CGX15BF14C6.pdf |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| RoHs Status         |  Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Stock Condition     | 2396 pcs stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

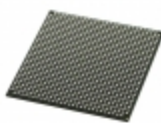
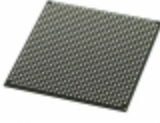
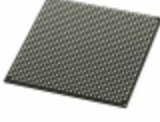
Specifications of EP4CGX15BF14C6

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP4CGX15BF14C6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| DESCRIPTION                      | IC FPGA 72 I/O 169FBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| QUANTITY AVAILABLE               | 2396 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| DATA SHEET                       |  1.EP4CGX15BF14C6.pdf<br> 2.EP4CGX15BF14C6.pdf<br> 3.EP4CGX15BF14C6.pdf<br> 4.EP4CGX15BF14C6.pdf<br> 5.EP4CGX15BF14C6.pdf |
| VOLTAGE - SUPPLY                 | 1.16 V ~ 1.24 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| TOTAL RAM BITS                   | 552960                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 169-FBGA (14x14)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| SERIES                           | Cyclone® IV GX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| PACKAGE / CASE                   | 169-LBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 14400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| NUMBER OF LABS/CLBS              | 900                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| NUMBER OF I/O                    | 72                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| BASE PART NUMBER                 | EP4CGX15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

Related Tags

|                                                                |                                                       |                                                                    |
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| EP4CGX15BF14C6 Price                                           | EP4CGX15BF14C6 Pictures                               | EP4CGX15BF14C6 Image                                               |
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Related Products

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|  <div>EP4CGX150DF31I7N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 475 I/O 896FBGA<br/>In stock: 139 pcs<br/>RFQ</div> |  <div>EP4CGX15BF14C8N<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 72 I/O 169FBGA<br/>In stock: 3888 pcs<br/>RFQ</div>                                  |
|  <div>EP4CGX150DF31C7N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 475 I/O 896FBGA<br/>In stock: 174 pcs<br/>RFQ</div> |  <div>EP4CGX15BF14C6N<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 72 I/O 169FBGA<br/>In stock: 2612 pcs<br/>RFQ</div>                                  |
|  <div>EP4CGX150DF31C8N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 475 I/O 896FBGA<br/>In stock: 277 pcs<br/>RFQ</div> |  <div>EP4CGX15BF14I7<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 72 I/O 169FBGA<br/>In stock: 2074 pcs<br/>RFQ</div>   |
|  <div>EP4CGX15BF14C8<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 72 I/O 169FBGA<br/>In stock: 3420 pcs<br/>RFQ</div>   |  <div>EP4CGX15BF14A7N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 475 I/O 169FBGA<br/>In stock: 1522 pcs<br/>RFQ</div> |
|  <div>EP4CGX15BF14C7<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 72 I/O 169FBGA<br/>In stock: 2998 pcs<br/>RFQ</div>   |  <div>EP4CGX150DF31C8<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 475 I/O 896FBGA<br/>In stock: 224 pcs<br/>RFQ</div>  |
|  <div>EP4CGX15BF14C7N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 72 I/O 169FBGA<br/>In stock: 2811 pcs<br/>RFQ</div>  |  <div>EP4CGX150DF31I7<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 475 I/O 896FBGA<br/>In stock: 144 pcs<br/>RFQ</div>  |