



Altera (Intel® Programmable Solutions Group)



Image may be representation. See specifications for product details.

EP4CGX15BF14A7N

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP4CGX15BF14A7N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Product description | IC FPGA 72 I/O 169FBGA <div> 1.EP4CGX15BF14A7N.pdf<div> 2.EP4CGX15BF14A7N.pdf<div> 3.EP4CGX15BF14A7N.pdf<div> 4.EP4CGX15BF14A7N.pdf<div> 5.EP4CGX15BF14A7N.pdf</div></div></div></div></div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Stock Condition     | 1522 pcs stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

REQUEST FOR QUOTATION

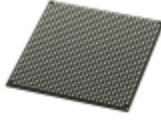
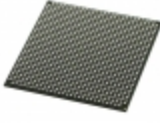
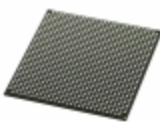
Specifications of EP4CGX15BF14A7N

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP4CGX15BF14A7N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| DESCRIPTION                      | IC FPGA 72 I/O 169FBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| QUANTITY AVAILABLE               | 1522 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| DATA SHEET                       | <div> 1.EP4CGX15BF14A7N.pdf<div> 2.EP4CGX15BF14A7N.pdf<div> 3.EP4CGX15BF14A7N.pdf<div> 4.EP4CGX15BF14A7N.pdf<div> 5.EP4CGX15BF14A7N.pdf</div></div></div></div></div> |
| 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            | -40°C ~ 125°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   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| BASE PART NUMBER                 | EP4CGX15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

Related Tags

|                                                              |                                                       |                                                                  |
|--------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) EP4CGX15BF14A7N | EP4CGX15BF14A7N Distributor                           | EP4CGX15BF14A7N Supplier                                         |
| EP4CGX15BF14A7N Price                                        | EP4CGX15BF14A7N Pictures                              | EP4CGX15BF14A7N Image                                            |
| EP4CGX15BF14A7N PDF Datasheet                                | EP4CGX15BF14A7N Download Datasheet                    | EP4CGX15BF14A7N Datasheet                                        |
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Related Products

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| <div><div><b>EP4CGX15BF14C6</b><div>Manufacturers: Altera (Intel® Programmable Solutions Group)<div>Description: IC FPGA 72 I/O 169FBGA</div><div>In stock: 2396 pcs</div></div><div>RFQ</div></div></div>   | <div><div><b>EP4CGX15BF14C7</b><div>Manufacturers: Altera (Intel® Programmable Solutions Group)<div>Description: IC FPGA 72 I/O 169FBGA</div><div>In stock: 2998 pcs</div></div><div>RFQ</div></div></div>  |
| <div><div><b>EP4CGX150DF31C7N</b><div>Manufacturers: Altera (Intel® Programmable Solutions Group)<div>Description: IC FPGA 475 I/O 896FBGA</div><div>In stock: 174 pcs</div></div><div>RFQ</div></div></div> | <div><div><b>EP4CGX15BF14C7N</b><div>Manufacturers: Altera (Intel® Programmable Solutions Group)<div>Description: IC FPGA 72 I/O 169FBGA</div><div>In stock: 2811 pcs</div></div><div>RFQ</div></div></div> |
| <div><div><b>EP4CGX15BF14C8N</b><div>Manufacturers: Intel® FPGAs<div>Description: IC FPGA 72 I/O 169FBGA</div><div>In stock: 3888 pcs</div></div><div>RFQ</div></div></div>                                  | <div><div><b>EP4CGX150DF31C7</b><div>Manufacturers: Altera (Intel® Programmable Solutions Group)<div>Description: IC FPGA 475 I/O 896FBGA</div><div>In stock: 155 pcs</div></div><div>RFQ</div></div></div> |
| <div><div><b>EP4CGX15BF14C6N</b><div>Manufacturers: Intel® FPGAs<div>Description: IC FPGA 72 I/O 169FBGA</div><div>In stock: 2612 pcs</div></div><div>RFQ</div></div></div>                                  | <div><div><b>EP4CGX15BF14C8</b><div>Manufacturers: Altera (Intel® Programmable Solutions Group)<div>Description: IC FPGA 72 I/O 169FBGA</div><div>In stock: 3420 pcs</div></div><div>RFQ</div></div></div>  |
| <div><div><b>EP4CGX150DF31I7N</b><div>Manufacturers: Altera (Intel® Programmable Solutions Group)<div>Description: IC FPGA 475 I/O 896FBGA</div><div>In stock: 139 pcs</div></div><div>RFQ</div></div></div> | <div><div><b>EP4CGX150DF31I7</b><div>Manufacturers: Altera (Intel® Programmable Solutions Group)<div>Description: IC FPGA 475 I/O 896FBGA</div><div>In stock: 144 pcs</div></div><div>RFQ</div></div></div> |
| <div><div><b>EP4CGX150DF31C8N</b><div>Manufacturers: Altera (Intel® Programmable Solutions Group)<div>Description: IC FPGA 475 I/O 896FBGA</div><div>In stock: 277 pcs</div></div><div>RFQ</div></div></div> | <div><div><b>EP4CGX150DF31C8</b><div>Manufacturers: Altera (Intel® Programmable Solutions Group)<div>Description: IC FPGA 475 I/O 896FBGA</div><div>In stock: 224 pcs</div></div><div>RFQ</div></div></div> |