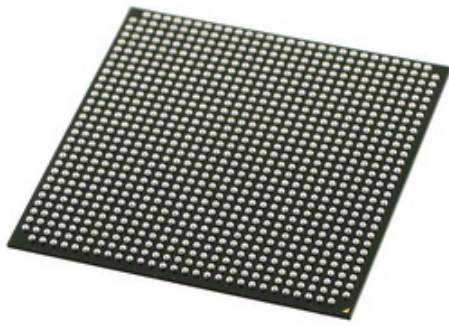




Altera (Intel® Programmable Solutions Group)



Solutions Group)

Image may be representation. See specifications for product details.

EP4CGX110DF31C7

|                     |                                                                                                                                                                                                                                                                                                  |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP4CGX110DF31C7                                                                                                                                                                                                                                                                                  |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                     |
| Product description | IC FPGA 475 I/O 896FBGA <div><a href="#">PDF</a> 1.EP4CGX110DF31C7.pdf</div> <div><a href="#">PDF</a> 2.EP4CGX110DF31C7.pdf</div> <div><a href="#">PDF</a> 3.EP4CGX110DF31C7.pdf</div> <div><a href="#">PDF</a> 4.EP4CGX110DF31C7.pdf</div> <div><a href="#">PDF</a> 5.EP4CGX110DF31C7.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                  |
| RoHs Status         |  Contains lead / RoHS non-compliant                                                                                                                                                                             |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                            |

REQUEST FOR QUOTATION

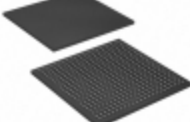
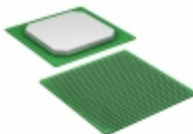
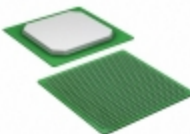
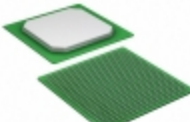
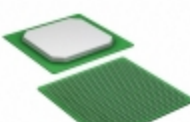
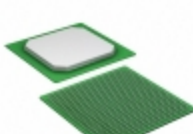
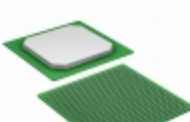
Specifications of EP4CGX110DF31C7

|                                  |                                                                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP4CGX110DF31C7                                                                                                                                                                                                                                                          |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                             |
| DESCRIPTION                      | IC FPGA 475 I/O 896FBGA                                                                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                       |
| DATA SHEET                       | <div><a href="#">PDF</a> 1.EP4CGX110DF31C7.pdf</div> <div><a href="#">PDF</a> 2.EP4CGX110DF31C7.pdf</div> <div><a href="#">PDF</a> 3.EP4CGX110DF31C7.pdf</div> <div><a href="#">PDF</a> 4.EP4CGX110DF31C7.pdf</div> <div><a href="#">PDF</a> 5.EP4CGX110DF31C7.pdf</div> |
| VOLTAGE - SUPPLY                 | 1.16 V ~ 1.24 V                                                                                                                                                                                                                                                          |
| TOTAL RAM BITS                   | 5621760                                                                                                                                                                                                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 896-FBGA (31x31)                                                                                                                                                                                                                                                         |
| SERIES                           | Cyclone® IV GX                                                                                                                                                                                                                                                           |
| PACKAGE / CASE                   | 896-BGA                                                                                                                                                                                                                                                                  |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                          |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 109424                                                                                                                                                                                                                                                                   |
| NUMBER OF LABS/CLBS              | 6839                                                                                                                                                                                                                                                                     |
| NUMBER OF I/O                    | 475                                                                                                                                                                                                                                                                      |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                            |
| MANUFACTURER STANDARD LEAD TIME  | 8 Weeks                                                                                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                       |
| BASE PART NUMBER                 | EP4CGX110                                                                                                                                                                                                                                                                |

Related Tags

|                                                              |                                                       |                                                                  |
|--------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) EP4CGX110DF31C7 | EP4CGX110DF31C7 Distributor                           | EP4CGX110DF31C7 Supplier                                         |
| EP4CGX110DF31C7 Price                                        | EP4CGX110DF31C7 Pictures                              | EP4CGX110DF31C7 Image                                            |
| EP4CGX110DF31C7 PDF Datasheet                                | EP4CGX110DF31C7 Download Datasheet                    | EP4CGX110DF31C7 Datasheet                                        |
| EP4CGX110DF31C7 Stock                                        | Buy EP4CGX110DF31C7                                   | Buy Altera (Intel® Programmable Solutions Group) EP4CGX110DF31C7 |
| Altera (Intel® Programmable Solutions Group) EP4CGX110DF31C7 | Altera (Intel® Programmable Solutions Group) Supplier | Altera (Intel® Programmable Solutions Group) Distributor         |
| Altera (Intel® Programmable Solutions Group) EP4CGX110DF31C7 | Altera EP4CGX110DF31C7                                | Altera (Intel® Programmable Solutions Group) EP4CGX110DF31C7     |

Related Products

|                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div>EP4CGX110DF31C8N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 475 I/O 896FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div>                                 | <div></div> <div>EP4CGX150CF23C7</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 270 I/O 484FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div>EP4CGX110DF27C8N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 393 I/O 672FBGA</div> <div>In stock: 26 pcs</div> <div>RFQ</div>                                    | <div></div> <div>EP4CGX110DF27C7N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 393 I/O 672FBGA</div> <div>In stock: 52 pcs</div> <div>RFQ</div>                                   |
| <div></div> <div>EP4CGX110DF31C8</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 475 I/O 896FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div>EP4CGX110DF27C8</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 393 I/O 672FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div>                                 |
| <div></div> <div>EP4CGX110DF31C7N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 475 I/O 896FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div>EP4CGX110DF27I7</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 393 I/O 672FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div>EP4CGX110DF27I7N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 393 I/O 672FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div>EP4CGX110DF31I7</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 475 I/O 896FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div>EP4CGX110DF31I7N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 475 I/O 896FBGA</div> <div>In stock: 35 pcs</div> <div>RFQ</div>    | <div></div> <div>EP4CGX110DF27C7</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 393 I/O 672FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div> |