



Altera (Intel® Programmable Solutions Group)



Image may be representation. See specifications for product details.

EP4CGX110CF23I7

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP4CGX110CF23I7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Product description | IC FPGA 270 I/O 484FBGA <div> 1.EP4CGX110CF23I7.pdf</div> <div> 2.EP4CGX110CF23I7.pdf</div> <div> 3.EP4CGX110CF23I7.pdf</div> <div> 4.EP4CGX110CF23I7.pdf</div> <div> 5.EP4CGX110CF23I7.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| RoHs Status         |  Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Stock Condition     | 222 pcs stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

REQUEST FOR QUOTATION

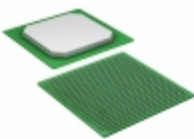
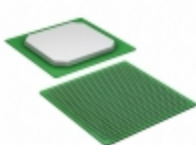
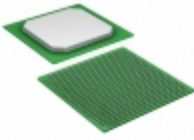
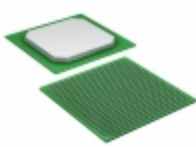
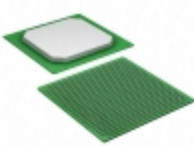
Specifications of EP4CGX110CF23I7

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP4CGX110CF23I7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| DESCRIPTION                      | IC FPGA 270 I/O 484FBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| QUANTITY AVAILABLE               | 222 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| DATA SHEET                       | <div> 1.EP4CGX110CF23I7.pdf</div> <div> 2.EP4CGX110CF23I7.pdf</div> <div> 3.EP4CGX110CF23I7.pdf</div> <div> 4.EP4CGX110CF23I7.pdf</div> <div> 5.EP4CGX110CF23I7.pdf</div> |
| VOLTAGE - SUPPLY                 | 1.16 V ~ 1.24 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| TOTAL RAM BITS                   | 5621760                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 484-FBGA (23x23)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| SERIES                           | Cyclone® IV GX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| PACKAGE / CASE                   | 484-BGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 109424                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| NUMBER OF LABS/CLBS              | 6839                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| NUMBER OF I/O                    | 270                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| BASE PART NUMBER                 | EP4CGX110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

Related Tags

|                                                              |                                                       |                                                                  |
|--------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) EP4CGX110CF23I7 | EP4CGX110CF23I7 Distributor                           | EP4CGX110CF23I7 Supplier                                         |
| EP4CGX110CF23I7 Price                                        | EP4CGX110CF23I7 Pictures                              | EP4CGX110CF23I7 Image                                            |
| EP4CGX110CF23I7 PDF Datasheet                                | EP4CGX110CF23I7 Download Datasheet                    | EP4CGX110CF23I7 Datasheet                                        |
| EP4CGX110CF23I7 Stock                                        | Buy EP4CGX110CF23I7                                   | Buy Altera (Intel® Programmable Solutions Group) EP4CGX110CF23I7 |
| Altera (Intel® Programmable Solutions Group) EP4CGX110CF23I7 | Altera (Intel® Programmable Solutions Group) Supplier | Altera (Intel® Programmable Solutions Group) Distributor         |
| Altera (Intel® Programmable Solutions Group) EP4CGX110CF23I7 | Altera EP4CGX110CF23I7                                | Altera (Intel® Programmable Solutions Group) EP4CGX110CF23I7     |

Related Products

|                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>EP4CGX110CF23I7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 270 I/O 484FBGA<br/>In stock: 326 pcs</div> <div>RFQ</div> | <div></div> <div><b>EP4CGX110DF27I7</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 393 I/O 672FBGA<br/>In stock: 224 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>EP4CGX110DF27C8</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 393 I/O 672FBGA<br/>In stock: 351 pcs</div> <div>RFQ</div>  | <div></div> <div><b>EP4CGX110CF23C8N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 270 I/O 484FBGA<br/>In stock: 378 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>EP4CGX110CF23C8</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 270 I/O 484FBGA<br/>In stock: 384 pcs</div> <div>RFQ</div>  | <div></div> <div><b>EP4CGX110DF27C8N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 393 I/O 672FBGA<br/>In stock: 322 pcs</div> <div>RFQ</div>                                 |
| <div></div> <div><b>EP4CGX110DF27C7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 393 I/O 672FBGA<br/>In stock: 263 pcs</div> <div>RFQ</div> | <div></div> <div><b>EP4CGX110DF27C7</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 393 I/O 672FBGA<br/>In stock: 270 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>EP4CGX110CF23C7</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 270 I/O 484FBGA<br/>In stock: 294 pcs</div> <div>RFQ</div>  | <div></div> <div><b>EP4CGX110CF23C7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 270 I/O 484FBGA<br/>In stock: 372 pcs</div> <div>RFQ</div>                                 |
| <div></div> <div><b>EP4CE75F29I8LN</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 426 I/O 780FBGA<br/>In stock: 280 pcs</div> <div>RFQ</div>   | <div></div> <div><b>EP4CE75U19I7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 292 I/O 484UBGA<br/>In stock: 560 pcs</div> <div>RFQ</div>                                    |