



Intel® FPGAs



Image may be representation. See specifications for product details.

EP4CGX30CF23C6

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP4CGX30CF23C6                                                                                                       |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                         |
| Product description | IC FPGA 290 I/O 484FBGA                                                                                              |
|                     |  1.EP4CGX30CF23C6.pdf               |
|                     |  2.EP4CGX30CF23C6.pdf               |
|                     |  3.EP4CGX30CF23C6.pdf               |
|                     |  4.EP4CGX30CF23C6.pdf               |
|                     |  5.EP4CGX30CF23C6.pdf               |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 763 pcs stock                                                                                                        |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

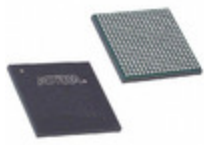
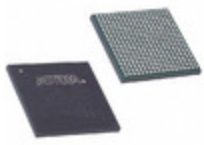
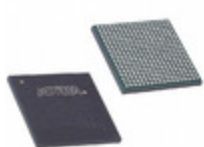
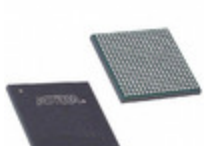
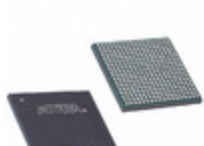
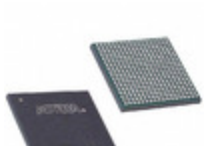
Specifications of EP4CGX30CF23C6

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP4CGX30CF23C6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| DESCRIPTION                      | IC FPGA 290 I/O 484FBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| QUANTITY AVAILABLE               | 763 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| DATA SHEET                       |  1.EP4CGX30CF23C6.pdf<br> 2.EP4CGX30CF23C6.pdf<br> 3.EP4CGX30CF23C6.pdf<br> 4.EP4CGX30CF23C6.pdf<br> 5.EP4CGX30CF23C6.pdf |
| VOLTAGE - SUPPLY                 | 1.16 V ~ 1.24 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| TOTAL RAM BITS                   | 1105920                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 484-FBGA (23x23)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| SERIES                           | Cyclone® IV GX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| PACKAGE / CASE                   | 484-BGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 29440                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| NUMBER OF LABS/CLBS              | 1840                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| NUMBER OF I/O                    | 290                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| BASE PART NUMBER                 | EP4CGX30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

Related Tags

|                              |                                   |                                 |
|------------------------------|-----------------------------------|---------------------------------|
| Intel® FPGAs EP4CGX30CF23C6  | EP4CGX30CF23C6 Distributor        | EP4CGX30CF23C6 Supplier         |
| EP4CGX30CF23C6 Price         | EP4CGX30CF23C6 Pictures           | EP4CGX30CF23C6 Image            |
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| Intel® FPGAs EP4CGX30CF23C6  |                                   |                                 |

Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div>EP4CGX30CF23C8N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 290 I/O 484FBGA<br/>In stock: 1201 pcs</div> <div>RFQ</div> |  <div>EP4CGX30CF23C8<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 290 I/O 484FBGA<br/>In stock: 891 pcs</div> <div>RFQ</div>   |
|  <div>EP4CGX30CF19C8N<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 150 I/O 324FBGA<br/>In stock: 1138 pcs</div> <div>RFQ</div>                                 |  <div>EP4CGX30CF19C7<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 150 I/O 324FBGA<br/>In stock: 898 pcs</div> <div>RFQ</div>   |
|  <div>EP4CGX30CF19I7<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 150 I/O 324FBGA<br/>In stock: 839 pcs</div> <div>RFQ</div>                                   |  <div>EP4CGX30CF23I7<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 290 I/O 484FBGA<br/>In stock: 769 pcs</div> <div>RFQ</div>   |
|  <div>EP4CGX30CF23C7<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 290 I/O 484FBGA<br/>In stock: 920 pcs</div> <div>RFQ</div>                                   |  <div>EP4CGX30CF19C7N<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 150 I/O 324FBGA<br/>In stock: 1073 pcs</div> <div>RFQ</div> |
|  <div>EP4CGX30CF19I7N<br/>Manufacturers: Altera<br/>Description: IC FPGA 150 I/O 324FBGA<br/>In stock: 1007 pcs</div> <div>RFQ</div>                                       |  <div>EP4CGX30CF19C8<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 150 I/O 324FBGA<br/>In stock: 1037 pcs</div> <div>RFQ</div>  |
|  <div>EP4CGX30CF23C7N<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 290 I/O 484FBGA<br/>In stock: 931 pcs</div> <div>RFQ</div>                                  |  <div>EP4CGX30CF23C6N<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 290 I/O 484FBGA<br/>In stock: 654 pcs</div> <div>RFQ</div>  |