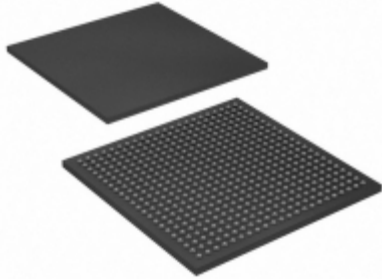


EP4CGX50CF23C8



Images are for reference only.  
See Product Specifications for product details.  
**Buy EP4CGX50CF23C8 with confidence from Component-World.HK, 1 Year Warranty**



**Part Number:** [EP4CGX50CF23C8](#)

**Manufacturer** [Intel® FPGAs](#)

**Description** IC FPGA 290 I/O 484FBGA

**Data sheet:**  [Cyclone IV FPGA Overview](#)  
 [Cyclone IV Device Datasheet](#)  
 [Virtual JTAG Megafuntion User Guide](#)  
 [Cyclone IV Device Family Errata](#)  
 [Cyclone IV Device Handbook](#)

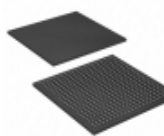
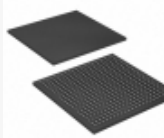
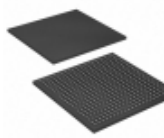
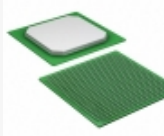
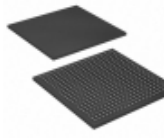
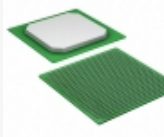
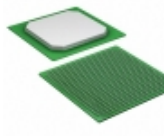
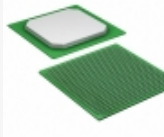
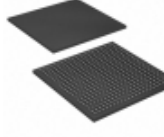
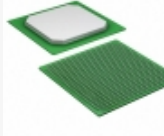
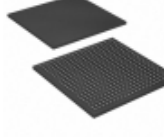
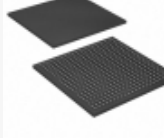
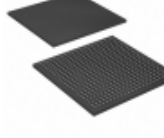
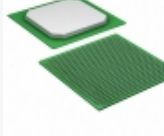
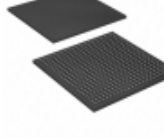
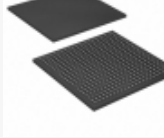
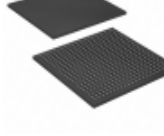
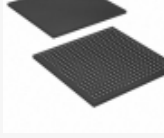
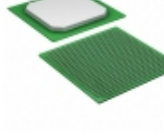
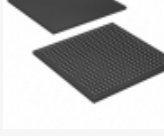
**RoHs Status:** Contains lead / RoHS non-compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |                                  |                                                                                                                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                        | EP4CGX50CF23C8                            | Manufacturer                     | <a href="#">Intel® FPGAs</a>                                                                                                                                                                                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC FPGA 290 I/O 484FBGA                   | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                                                                                                                                                                                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                 | 582 pcs                                   | Data sheet                       | <a href="#">Cyclone IV FPGA Overview</a><br><a href="#">Cyclone IV Device Datasheet</a><br><a href="#">Virtual JTAG Megafuntion User Guide</a><br><a href="#">Cyclone IV Device Family Errata</a><br><a href="#">Cyclone IV Device Handbook</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 1.16 V ~ 1.24 V                                                                                                                                                                                                                                 |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2562048                                   | 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   | 49888                                                                                                                                                                                                                                           |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                                | 3118                                      | Number of I/O                    | 290                                                                                                                                                                                                                                             |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                   | EP4CGX50                                  |                                  |                                                                                                                                                                                                                                                 |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Intel® FPGAs series electronic components. We have 582 pieces of Intel® FPGAs EP4CGX50CF23C8 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                  |                                                                                                                                                                                                                                                 |

| RELATED PRODUCTS                                                                   |                                                                                |                                                                             |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">EP4CGX30CF23I7</a><br>Description: IC FPGA 290 I/O 484FBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">EP4CGX50CF23C7N</a><br>Description: IC FPGA 290 I/O 484FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">EP4CGX30CF23C7N</a><br>Description: IC FPGA 290 I/O 484FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">EP4CGX50DF27C6N</a><br>Description: IC FPGA 310 I/O 672FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">EP4CGX30CF23C7</a><br>Description: IC FPGA 290 I/O 484FBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">EP4CGX50DF27C8N</a><br>Description: IC FPGA 310 I/O 672FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">EP4CGX50DF27I7</a><br>Description: IC FPGA 310 I/O 672FBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">EP4CGX50DF27C7N</a><br>Description: IC FPGA 310 I/O 672FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP4CGX50CF23I7N</a><br>Description: IC FPGA 290 I/O 484FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP4CGX50DF27C7</a><br>Description: IC FPGA 310 I/O 672FBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">EP4CGX30CF23I7N</a><br>Description: IC FPGA 290 I/O 484FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">EP4CGX30CF23C8</a><br>Description: IC FPGA 290 I/O 484FBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">EP4CGX50CF23C8N</a><br>Description: IC FPGA 290 I/O 484FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">EP4CGX50DF27C8</a><br>Description: IC FPGA 310 I/O 672FBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">EP4CGX50CF23C6</a><br>Description: IC FPGA 290 I/O 484FBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">EP4CGX50CF23C7</a><br>Description: IC FPGA 290 I/O 484FBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">EP4CGX50CF23C6N</a><br>Description: IC FPGA 290 I/O 484FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">EP4CGX50CF23I7</a><br>Description: IC FPGA 290 I/O 484FBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">EP4CGX50DF27C6</a><br>Description: IC FPGA 310 I/O 672FBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">EP4CGX30CF23C8N</a><br>Description: IC FPGA 290 I/O 484FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |

|                                            |                            |                         |                      |
|--------------------------------------------|----------------------------|-------------------------|----------------------|
| Related keywords for <b>EP4CGX50CF23C8</b> |                            |                         |                      |
| Intel® FPGAs EP4CGX50CF23C8                | EP4CGX50CF23C8 distributor | EP4CGX50CF23C8 supplier | EP4CGX50CF23C8 price |
| EP4CGX50CF23C8 download datasheet          | EP4CGX50CF23C8 datasheet   | EP4CGX50CF23C8 stock    | buy EP4CGX50CF23C8   |
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