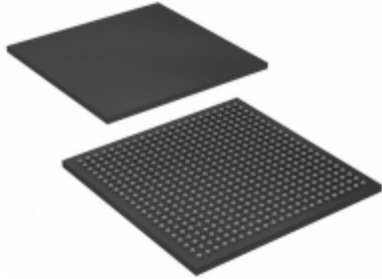


EP3CLS150F484C8



Images are for reference only.  
See Product Specifications for product details.  
Buy EP3CLS150F484C8 with confidence from  
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**Part Number:** EP3CLS150F484C8

**Manufacturer:** Altera (Intel® Programmable Solutions Group)

**Description:** IC FPGA 210 I/O 484FBGA

**Data sheet:**  [Cyclone III FPGA Family Errata](#)  
 [Cyclone III Family Overview](#)  
 [Cyclone III Device Handbook Vol2](#)  
 [Cyclone III Device Handbook Vol1](#)  
 [Cyclone III Brochure](#)  
 [Cyclone III\\_Design Guidelines](#)  
 [Virtual JTAG Megafuntion User Guide](#)  
 [Cyclone III Datasheet](#)

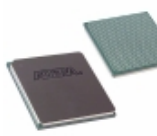
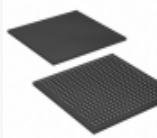
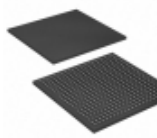
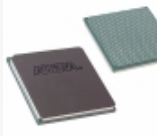
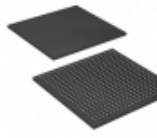
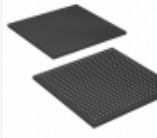
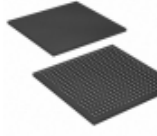
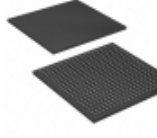
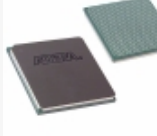
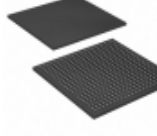
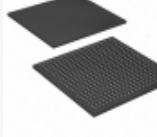
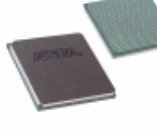
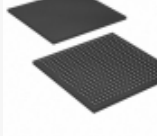
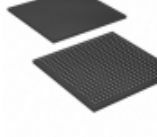
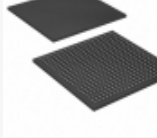
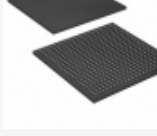
**RoHs Status:** Contains lead / RoHS non-compliant

**Ship From:** Hong Kong

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

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                           |                                 |                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | EP3CLS150F484C8                           | Manufacturer                    | <a href="#">Altera (Intel® Programmable Solutions Group)</a>                                                                                                                                                                                                                                                                                                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | IC FPGA 210 I/O 484FBGA                   | Lead Free Status / RoHS Status  | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                                                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 119 pcs                                   | Data sheet                      | <a href="#">Cyclone III FPGA Family Errata</a><br><a href="#">Cyclone III Family Overview</a><br><a href="#">Cyclone III Device Handbook Vol2</a><br><a href="#">Cyclone III Device Handbook Vol1</a><br><a href="#">Cyclone III Brochure</a><br><a href="#">Cyclone III_Design Guidelines</a><br><a href="#">Virtual JTAG Megafuntion User Guide</a><br><a href="#">Cyclone III Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                | 1.15 V ~ 1.25 V                                                                                                                                                                                                                                                                                                                                                                                |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 6137856                                   | Supplier Device Package         | 484-FBGA (23x23)                                                                                                                                                                                                                                                                                                                                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Cyclone® III                              | Package / Case                  | 484-BGA                                                                                                                                                                                                                                                                                                                                                                                        |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 544-2615                                  | Operating Temperature           | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                |
| Number of Logic Elements/Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 150848                                    | Number of LABs/CLBs             | 9428                                                                                                                                                                                                                                                                                                                                                                                           |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 210                                       | 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                | EP3CLS150                                                                                                                                                                                                                                                                                                                                                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                 |                                                                             |                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">EP3CLS150F780C8</a><br>Description: IC FPGA 413 I/O 780FBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP3CLS100U484C8N</a><br>Description: IC FPGA 278 I/O 484UBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP3CLS150F484I7N</a><br>Description: IC FPGA 210 I/O 484FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP3CLS150F780C8N</a><br>Description: IC FPGA 413 I/O 780FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP3CLS150F484C7N</a><br>Description: IC FPGA 210 I/O 484FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP3CLS100U484C7N</a><br>Description: IC FPGA 278 I/O 484UBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP3CLS150F484I7</a><br>Description: IC FPGA 210 I/O 484FBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP3CLS150F780C7N</a><br>Description: IC FPGA 413 I/O 780FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP3CLS150F484C7</a><br>Description: IC FPGA 210 I/O 484FBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP3CLS150F780C7</a><br>Description: IC FPGA 413 I/O 780FBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP3CLS100U484C8</a><br>Description: IC FPGA 278 I/O 484UBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP3CLS150F484C8N</a><br>Description: IC FPGA 210 I/O 484FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP3CLS150F780I7</a><br>Description: IC FPGA 413 I/O 780FBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP3CLS100U484I7N</a><br>Description: IC FPGA 278 I/O 484UBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP3CLS100U484I7</a><br>Description: IC FPGA 278 I/O 484UBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP3CLS200F484C7</a><br>Description: IC FPGA 210 I/O 484FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP3CLS100F780I7N</a><br>Description: IC FPGA 413 I/O 780FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP3CLS100F780I7</a><br>Description: IC FPGA 413 I/O 780FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP3CLS150F780I7N</a><br>Description: IC FPGA 413 I/O 780FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP3CLS100U484C7</a><br>Description: IC FPGA 278 I/O 484UBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |

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