



Altera (Intel® Programmable

Solutions Group)

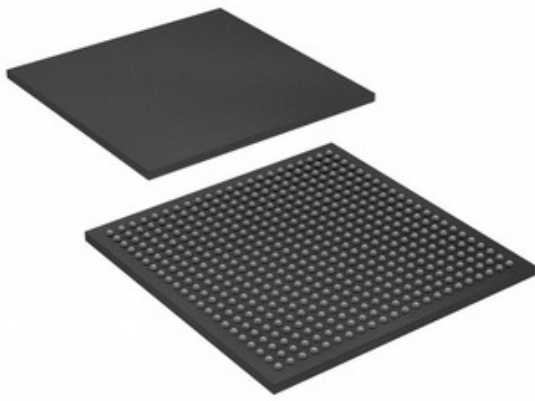


Image may be representation. See specifications for product details.

EP3CLS200F484C8ES

|                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:                                               | EP3CLS200F484C8ES                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Manufacturer/Brand:                                        | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Product description                                        | IC FPGA 210 I/O 484FBGA <div><a href="#">PDF</a> 1.EP3CLS200F484C8ES.pdf</div> <div><a href="#">PDF</a> 2.EP3CLS200F484C8ES.pdf</div> <div><a href="#">PDF</a> 3.EP3CLS200F484C8ES.pdf</div> <div><a href="#">PDF</a> 4.EP3CLS200F484C8ES.pdf</div> <div><a href="#">PDF</a> 5.EP3CLS200F484C8ES.pdf</div> <div><a href="#">PDF</a> 6.EP3CLS200F484C8ES.pdf</div> <div><a href="#">PDF</a> 7.EP3CLS200F484C8ES.pdf</div> <div><a href="#">PDF</a> 8.EP3CLS200F484C8ES.pdf</div> |
| Datasheets:                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| RoHs Status                                                |  Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                                                                            |
| Ship From                                                  | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <div>REQUEST FOR QUOTATION</div> <div>ex/TNT/UPS/EMS</div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

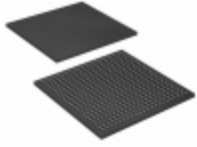
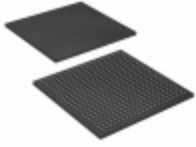
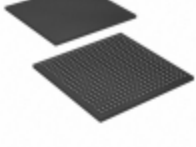
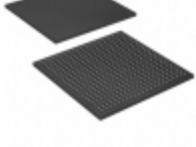
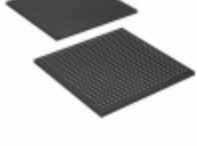
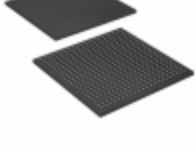
Specifications of EP3CLS200F484C8ES

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP3CLS200F484C8ES                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                                                                                                                            |
| DESCRIPTION                      | IC FPGA 210 I/O 484FBGA                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                                                                                                                                      |
| DATA SHEET                       | <div><a href="#">PDF</a> 1.EP3CLS200F484C8ES.pdf</div> <div><a href="#">PDF</a> 2.EP3CLS200F484C8ES.pdf</div> <div><a href="#">PDF</a> 3.EP3CLS200F484C8ES.pdf</div> <div><a href="#">PDF</a> 4.EP3CLS200F484C8ES.pdf</div> <div><a href="#">PDF</a> 5.EP3CLS200F484C8ES.pdf</div> <div><a href="#">PDF</a> 6.EP3CLS200F484C8ES.pdf</div> <div><a href="#">PDF</a> 7.EP3CLS200F484C8ES.pdf</div> <div><a href="#">PDF</a> 8.EP3CLS200F484C8ES.pdf</div> |
| VOLTAGE - SUPPLY                 | 1.15 V ~ 1.25 V                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| TOTAL RAM BITS                   | 8211456                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 484-FBGA (23x23)                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| SERIES                           | Cyclone® III                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PACKAGE / CASE                   | 484-BGA                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 198464                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| NUMBER OF LABS/CLBS              | 12404                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| NUMBER OF I/O                    | 210                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                                                                                                                                      |
| BASE PART NUMBER                 | EP3CLS200                                                                                                                                                                                                                                                                                                                                                                                                                                               |

Related Tags

|                                                                   |                                                       |                                                                       |
|-------------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group)<br>EP3CLS200F484C8ES | EP3CLS200F484C8ES Distributor                         | EP3CLS200F484C8ES Supplier                                            |
| EP3CLS200F484C8ES Price                                           | EP3CLS200F484C8ES Pictures                            | EP3CLS200F484C8ES Image                                               |
| EP3CLS200F484C8ES PDF Datasheet                                   | EP3CLS200F484C8ES Download Datasheet                  | EP3CLS200F484C8ES Datasheet                                           |
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Related Products

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| <div></div> <div>EP3CLS150F780C8N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 413 I/O 780FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div>                                 | <div></div> <div>EP3CLS200F780C8</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 413 I/O 780FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div>  |
| <div></div> <div>EP3CLS200F484C7N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 210 I/O 484FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div>EP3CLS200F484C7</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 210 I/O 484FBGA</div> <div>In stock: Out stock</div> <div>RFQ</div>  |
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