



Altera (Intel® Programmable

Solutions Group)

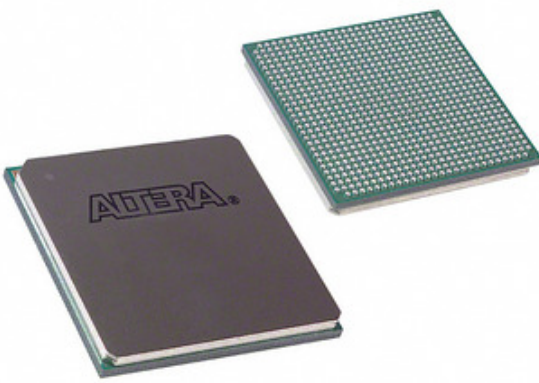


Image may be representation. See specifications for product details.

EP4CE115F29I8LN

|                     |                                                                                                                                                                                                             |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP4CE115F29I8LN                                                                                                                                                                                             |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                |
| Product description | IC FPGA 528 I/O 780FBGA <div>PDF1.EP4CE115F29I8LN.pdf</div> <div>PDF2.EP4CE115F29I8LN.pdf</div> <div>PDF3.EP4CE115F29I8LN.pdf</div> <div>PDF4.EP4CE115F29I8LN.pdf</div> <div>PDF5.EP4CE115F29I8LN.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                             |
| RoHs Status         | <div>Lead free / RoHS Compliant</div>                                                                                      |
| Stock Condition     | 181 pcs stock                                                                                                                                                                                               |
| Ship From           | Hong Kong                                                                                                                                                                                                   |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                       |

REQUEST FOR QUOTATION

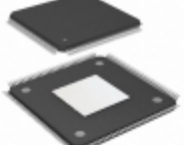
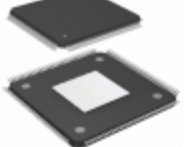
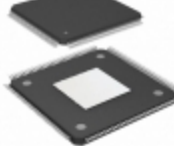
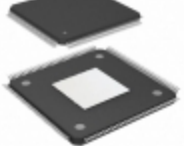
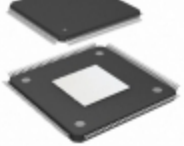
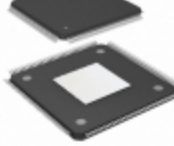
Specifications of EP4CE115F29I8LN

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP4CE115F29I8LN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| DESCRIPTION                      | IC FPGA 528 I/O 780FBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| QUANTITY AVAILABLE               | 181 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| DATA SHEET                       | <div>1.EP4CE115F29I8LN.pdf</div> <div>2.EP4CE115F29I8LN.pdf</div> <div>3.EP4CE115F29I8LN.pdf</div> <div>4.EP4CE115F29I8LN.pdf</div> <div>5.EP4CE115F29I8LN.pdf</div> |
| VOLTAGE - SUPPLY                 | 0.97 V ~ 1.03 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| TOTAL RAM BITS                   | 3981312                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 780-FBGA (29x29)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| SERIES                           | Cyclone® IV E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| PACKAGE / CASE                   | 780-BGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 114480                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| NUMBER OF LABS/CLBS              | 7155                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| NUMBER OF I/O                    | 528                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| BASE PART NUMBER                 | EP4CE115                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

Related Tags

|                                                              |                                                       |                                                                  |
|--------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) EP4CE115F29I8LN | EP4CE115F29I8LN Distributor                           | EP4CE115F29I8LN Supplier                                         |
| EP4CE115F29I8LN Price                                        | EP4CE115F29I8LN Pictures                              | EP4CE115F29I8LN Image                                            |
| EP4CE115F29I8LN PDF Datasheet                                | EP4CE115F29I8LN Download Datasheet                    | EP4CE115F29I8LN Datasheet                                        |
| EP4CE115F29I8LN Stock                                        | Buy EP4CE115F29I8LN                                   | Buy Altera (Intel® Programmable Solutions Group) EP4CE115F29I8LN |
| Altera (Intel® Programmable Solutions Group) EP4CE115F29I8LN | Altera (Intel® Programmable Solutions Group) Supplier | Altera (Intel® Programmable Solutions Group) Distributor         |
| Altera (Intel® Programmable Solutions Group) EP4CE115F29I8LN | Altera EP4CE115F29I8LN                                | Altera (Intel® Programmable Solutions Group) EP4CE115F29I8LN     |

Related Products

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| <div></div> <div>EP4CE115F29I8L</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 528 I/O 780FBGA</div> <div>In stock: 182 pcs</div> <div>RFQ</div>  | <div></div> <div>EP4CE15E22C7</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 81 I/O 144EQFP</div> <div>In stock: 3361 pcs</div> <div>RFQ</div>   |
| <div></div> <div>EP4CE115F29I7N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 528 I/O 780FBGA</div> <div>In stock: 169 pcs</div> <div>RFQ</div>                                  | <div></div> <div>EP4CE115F29I7</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 528 I/O 780FBGA</div> <div>In stock: 149 pcs</div> <div>RFQ</div>  |
| <div></div> <div>EP4CE115F29C9LN</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 528 I/O 780FBGA</div> <div>In stock: 304 pcs</div> <div>RFQ</div> | <div></div> <div>EP4CE15E22C7N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 81 I/O 144EQFP</div> <div>In stock: 3541 pcs</div> <div>RFQ</div>                                  |
| <div></div> <div>EP4CE15E22C6</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 81 I/O 144EQFP</div> <div>In stock: 2579 pcs</div> <div>RFQ</div>    | <div></div> <div>EP4CE15E22C8</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 81 I/O 144EQFP</div> <div>In stock: 4098 pcs</div> <div>RFQ</div>   |
| <div></div> <div>EP4CE115F29C9L</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 528 I/O 780FBGA</div> <div>In stock: 280 pcs</div> <div>RFQ</div>  | <div></div> <div>EP4CE15E22C6N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 81 I/O 144EQFP</div> <div>In stock: 2522 pcs</div> <div>RFQ</div>  |
| <div></div> <div>EP4CE15E22C8L</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 81 I/O 144EQFP</div> <div>In stock: 3441 pcs</div> <div>RFQ</div>   | <div></div> <div>EP4CE115F29C8N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 528 I/O 780FBGA</div> <div>In stock: 256 pcs</div> <div>RFQ</div> |