



Intel® FPGAs

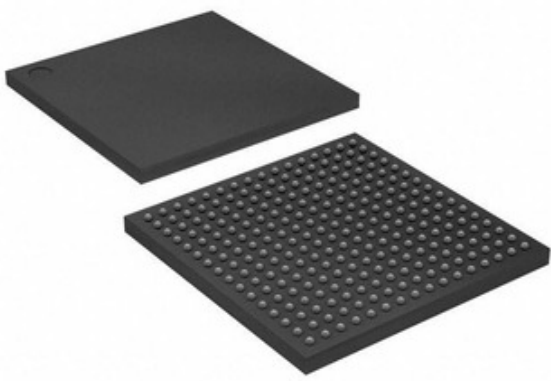


Image may be representation. See specifications for product details.

EP4CE15F17I7N

Part Number:EP4CE15F17I7N

Manufacturer/Brand:Intel® FPGAs

Product descriptionIC FPGA 165 I/O 256FBGA

 1.EP4CE15F17I7N.pdf

 2.EP4CE15F17I7N.pdf

 3.EP4CE15F17I7N.pdf

 4.EP4CE15F17I7N.pdf

 5.EP4CE15F17I7N.pdf

Datasheets:

 Lead free / RoHS Compliant

RoHs StatusHong Kong

Ship FromDHL/Fedex/TNT/UPS/EMS

Shipment Way

REQUEST FOR QUOTATION

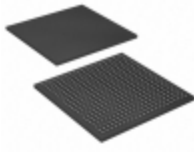
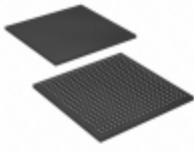
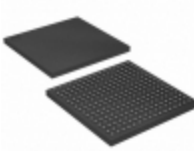
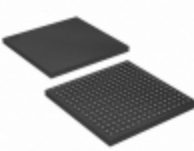
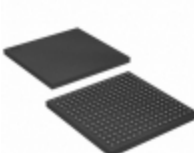
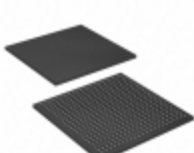
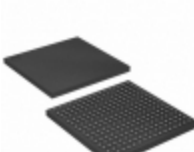
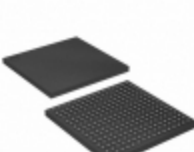
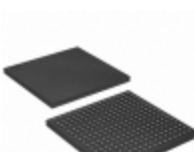
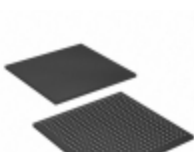
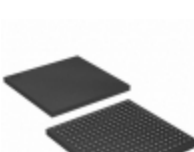
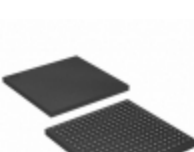
Specifications of EP4CE15F17I7N

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP4CE15F17I7N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DESCRIPTION                      | IC FPGA 165 I/O 256FBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| DATA SHEET                       | <div> 1.EP4CE15F17I7N.pdf</div> <div> 2.EP4CE15F17I7N.pdf</div> <div> 3.EP4CE15F17I7N.pdf</div> <div> 4.EP4CE15F17I7N.pdf</div> <div> 5.EP4CE15F17I7N.pdf</div> |
| VOLTAGE - SUPPLY                 | 1.15 V ~ 1.25 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| TOTAL RAM BITS                   | 516096                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 256-FBGA (17x17)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| SERIES                           | Cyclone® IV E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| PACKAGE / CASE                   | 256-LBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| OTHER NAMES                      | 544-2832<br>EP4CE15F17I7N-ND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 15408                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| NUMBER OF LABS/CLBS              | 963                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| NUMBER OF I/O                    | 165                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| MANUFACTURER STANDARD LEAD TIME  | 8 Weeks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| BASE PART NUMBER                 | EP4CE15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

Related Tags

|                             |                                  |                                |
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| Intel® FPGAs EP4CE15F17I7N  | EP4CE15F17I7N Distributor        | EP4CE15F17I7N Supplier         |
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| Intel® FPGAs EP4CE15F17I7N  |                                  |                                |

Related Products

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>EP4CE15F23C7</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 343 I/O 484FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>EP4CE15F23C6N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 343 I/O 484FBGA<br/>In stock: 77 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>EP4CE15F17C8N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 165 I/O 256FBGA<br/>In stock: 846 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>EP4CE15F17I7</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 165 I/O 256FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>EP4CE15F17C8LN</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 165 I/O 256FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>EP4CE15F23C6</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 343 I/O 484FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>EP4CE15F17C9L</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 165 I/O 256FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>EP4CE15F17I8L</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 165 I/O 256FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>EP4CE15F17I8LN</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 165 I/O 256FBGA<br/>In stock: 282 pcs<br/><div>RFQ</div></div>                                   | <div></div> <div><b>EP4CE15F23A7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 343 I/O 484FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>                                  |
| <div></div> <div><b>EP4CE15F17C8L</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 165 I/O 256FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>EP4CE15F17C9LN</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 165 I/O 256FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |