



Intel® FPGAs



Image may be representation. See specifications for product details.

EP4CE55F29C7N

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP4CE55F29C7N                                                                                                |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                 |
| Product description | IC FPGA 374 I/O 780FBGA                                                                                      |
|                     | <a href="#">1. EP4CE55F29C7N.pdf</a>                                                                         |
|                     | <a href="#">2. EP4CE55F29C7N.pdf</a>                                                                         |
|                     | <a href="#">3. EP4CE55F29C7N.pdf</a>                                                                         |
|                     | <a href="#">4. EP4CE55F29C7N.pdf</a>                                                                         |
|                     | <a href="#">5. EP4CE55F29C7N.pdf</a>                                                                         |
| Datasheets:         |                                                                                                              |
|                     |                                                                                                              |
|                     |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

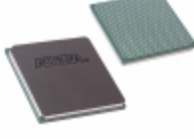
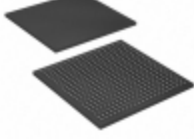
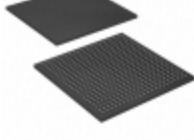
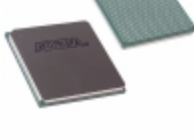
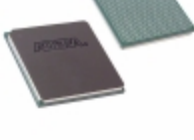
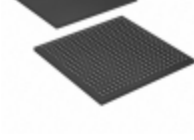
Specifications of EP4CE55F29C7N

|                                  |                                                                                                                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP4CE55F29C7N                                                                                                                                                                                        |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                         |
| DESCRIPTION                      | IC FPGA 374 I/O 780FBGA                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                           |
| DATA SHEET                       | <a href="#">1. EP4CE55F29C7N.pdf</a><br><a href="#">2. EP4CE55F29C7N.pdf</a><br><a href="#">3. EP4CE55F29C7N.pdf</a><br><a href="#">4. EP4CE55F29C7N.pdf</a><br><a href="#">5. EP4CE55F29C7N.pdf</a> |
| VOLTAGE - SUPPLY                 | 1.15 V ~ 1.25 V                                                                                                                                                                                      |
| TOTAL RAM BITS                   | 2396160                                                                                                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 780-FBGA (29x29)                                                                                                                                                                                     |
| SERIES                           | Cyclone® IV E                                                                                                                                                                                        |
| PACKAGE / CASE                   | 780-BGA                                                                                                                                                                                              |
| OTHER NAMES                      | 544-2681                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                      |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 55856                                                                                                                                                                                                |
| NUMBER OF LABS/CLBS              | 3491                                                                                                                                                                                                 |
| NUMBER OF I/O                    | 374                                                                                                                                                                                                  |
| 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                 | EP4CE55                                                                                                                                                                                              |

Related Tags

|                             |                                  |                                |
|-----------------------------|----------------------------------|--------------------------------|
| Intel® FPGAs EP4CE55F29C7N  | EP4CE55F29C7N Distributor        | EP4CE55F29C7N Supplier         |
| EP4CE55F29C7N Price         | EP4CE55F29C7N Pictures           | EP4CE55F29C7N Image            |
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| Intel® FPGAs EP4CE55F29C7N  |                                  |                                |

Related Products

|                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>EP4CE55F29C6N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 374 I/O 780FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>EP4CE55F29C8N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 374 I/O 780FBGA<br/>In stock: 98 pcs<br/><a href="#">RFQ</a></div>     |
|  <div><b>EP4CE55F29C6</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 374 I/O 780FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>EP4CE55F2318L</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 324 I/O 484FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
|  <div><b>EP4CE55F2318LN</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 324 I/O 484FBGA<br/>In stock: 27 pcs<br/><a href="#">RFQ</a></div>   |  <div><b>EP4CE55F29C9L</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 374 I/O 780FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
|  <div><b>EP4CE55F29C8</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 374 I/O 780FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>EP4CE55F29C8LN</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 374 I/O 780FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>EP4CE55F2317N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 324 I/O 484FBGA<br/>In stock: 174 pcs<br/><a href="#">RFQ</a></div>   |  <div><b>EP4CE55F29C8L</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 374 I/O 780FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
|  <div><b>EP4CE55F29C7</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 374 I/O 780FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>EP4CE55F29C9LN</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 374 I/O 780FBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |