



Intel® FPGAs



Image may be representation. See specifications for product details.

EP4CE55F23C7

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|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP4CE55F23C7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Product description | IC FPGA 324 I/O 484FBGA <div> 1.EP4CE55F23C7.pdf</div> <div> 2.EP4CE55F23C7.pdf</div> <div> 3.EP4CE55F23C7.pdf</div> <div> 4.EP4CE55F23C7.pdf</div> <div> 5.EP4CE55F23C7.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| RoHs Status         |  Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Stock Condition     | 568 pcs stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

REQUEST FOR QUOTATION

Specifications of EP4CE55F23C7

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
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| PART NUMBER                      | EP4CE55F23C7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| DESCRIPTION                      | IC FPGA 324 I/O 484FBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| QUANTITY AVAILABLE               | 568 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DATA SHEET                       | <div> 1.EP4CE55F23C7.pdf</div> <div> 2.EP4CE55F23C7.pdf</div> <div> 3.EP4CE55F23C7.pdf</div> <div> 4.EP4CE55F23C7.pdf</div> <div> 5.EP4CE55F23C7.pdf</div> |
| VOLTAGE - SUPPLY                 | 1.15 V ~ 1.25 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| TOTAL RAM BITS                   | 2396160                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 484-FBGA (23x23)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| SERIES                           | Cyclone® IV E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| PACKAGE / CASE                   | 484-BGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 55856                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| NUMBER OF LABS/CLBS              | 3491                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| NUMBER OF I/O                    | 324                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| BASE PART NUMBER                 | EP4CE55                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

Related Tags

|                            |                                 |                               |
|----------------------------|---------------------------------|-------------------------------|
| Intel® FPGAs EP4CE55F23C7  | EP4CE55F23C7 Distributor        | EP4CE55F23C7 Supplier         |
| EP4CE55F23C7 Price         | EP4CE55F23C7 Pictures           | EP4CE55F23C7 Image            |
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| Intel® FPGAs EP4CE55F23C7  | Intel® FPGAs Supplier           | Intel® FPGAs Distributor      |
| Intel® FPGAs EP4CE55F23C7  |                                 |                               |

Related Products

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div>EP4CE40U19I7N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 328 I/O 484UBGA</div> <div>In stock: 1161 pcs</div> <div>RFQ</div> | <div></div> <div>EP4CE55F23C8</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 324 I/O 484FBGA</div> <div>In stock: 714 pcs</div> <div>RFQ</div>   |
| <div></div> <div>EP4CE40U19A7N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 328 I/O 484UBGA</div> <div>In stock: 686 pcs</div> <div>RFQ</div>  | <div></div> <div>EP4CE55F23C8L</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 324 I/O 484FBGA</div> <div>In stock: 547 pcs</div> <div>RFQ</div>  |
| <div></div> <div>EP4CE55F23C8N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 324 I/O 484FBGA</div> <div>In stock: 814 pcs</div> <div>RFQ</div>  | <div></div> <div>EP4CE55F23C7N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 324 I/O 484FBGA</div> <div>In stock: 678 pcs</div> <div>RFQ</div>  |
| <div></div> <div>EP4CE55F23C6N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 324 I/O 484FBGA</div> <div>In stock: 619 pcs</div> <div>RFQ</div>  | <div></div> <div>EP4CE55F23C6</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 324 I/O 484FBGA</div> <div>In stock: 463 pcs</div> <div>RFQ</div>   |
| <div></div> <div>EP4CE55F23C8LN</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 324 I/O 484FBGA</div> <div>In stock: 643 pcs</div> <div>RFQ</div> | <div></div> <div>EP4CE40F29I8LN</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 532 I/O 780FBGA</div> <div>In stock: 898 pcs</div> <div>RFQ</div> |
| <div></div> <div>EP4CE55F23C9L</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 324 I/O 484FBGA</div> <div>In stock: 684 pcs</div> <div>RFQ</div>  | <div></div> <div>EP4CE55F23A7N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 324 I/O 484FBGA</div> <div>In stock: 320 pcs</div> <div>RFQ</div>  |