



Intel® FPGAs



Image may be representation. See specifications for product details.

EP4CE40F23C6N

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP4CE40F23C6N                                                                                                |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                 |
| Product description | IC FPGA 328 I/O 484FBGA                                                                                      |
|                     |  1.EP4CE40F23C6N.pdf        |
|                     |  2.EP4CE40F23C6N.pdf        |
|                     |  3.EP4CE40F23C6N.pdf        |
|                     |  4.EP4CE40F23C6N.pdf        |
|                     |  5.EP4CE40F23C6N.pdf        |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 865 pcs stock                                                                                                |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

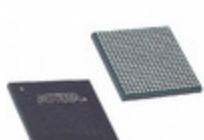
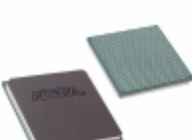
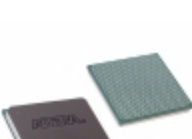
Specifications of EP4CE40F23C6N

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP4CE40F23C6N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| DESCRIPTION                      | IC FPGA 328 I/O 484FBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| QUANTITY AVAILABLE               | 865 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| DATA SHEET                       |  1.EP4CE40F23C6N.pdf<br> 2.EP4CE40F23C6N.pdf<br> 3.EP4CE40F23C6N.pdf<br> 4.EP4CE40F23C6N.pdf<br> 5.EP4CE40F23C6N.pdf |
| VOLTAGE - SUPPLY                 | 1.15 V ~ 1.25 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| TOTAL RAM BITS                   | 1161216                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 484-FBGA (23x23)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| SERIES                           | Cyclone® IV E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| PACKAGE / CASE                   | 484-BGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| OTHER NAMES                      | 544-2837<br>EP4CE40F23C6N-ND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 39600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| NUMBER OF LABS/CLBS              | 2475                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| NUMBER OF I/O                    | 328                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| BASE PART NUMBER                 | EP4CE40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

Related Tags

|                             |                                  |                                |
|-----------------------------|----------------------------------|--------------------------------|
| Intel® FPGAs EP4CE40F23C6N  | EP4CE40F23C6N Distributor        | EP4CE40F23C6N Supplier         |
| EP4CE40F23C6N Price         | EP4CE40F23C6N Pictures           | EP4CE40F23C6N Image            |
| EP4CE40F23C6N PDF Datasheet | EP4CE40F23C6N Download Datasheet | EP4CE40F23C6N Datasheet        |
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| Intel® FPGAs EP4CE40F23C6N  | Intel® FPGAs Supplier            | Intel® FPGAs Distributor       |
| Intel® FPGAs EP4CE40F23C6N  |                                  |                                |

Related Products

|                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                        |
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|  <div><b>EP4CE40F23C8N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 328 I/O 484FBGA<br/>In stock: 1538 pcs<br/><div>RFQ</div></div>  |  <div><b>EP4CE40F23C6</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 328 I/O 484FBGA<br/>In stock: 835 pcs<br/><div>RFQ</div></div>                                   |
|  <div><b>EP4CE40F23C8</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 328 I/O 484FBGA<br/>In stock: 1321 pcs<br/><div>RFQ</div></div>   |  <div><b>EP4CE30F29I8LN</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 532 I/O 780FBGA<br/>In stock: 1300 pcs<br/><div>RFQ</div></div>                                |
|  <div><b>EP4CE40F19A7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 193 I/O 324FBGA<br/>In stock: 1135 pcs<br/><div>RFQ</div></div>  |  <div><b>EP4CE30F29I8L</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 532 I/O 780FBGA<br/>In stock: 1414 pcs<br/><div>RFQ</div></div>                                 |
|  <div><b>EP4CE40F23C8L</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 328 I/O 484FBGA<br/>In stock: 1105 pcs<br/><div>RFQ</div></div>  |  <div><b>EP4CE40F23A7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 328 I/O 484FBGA<br/>In stock: 653 pcs<br/><div>RFQ</div></div>                                  |
|  <div><b>EP4CE40F23C8LN</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 328 I/O 484FBGA<br/>In stock: 1307 pcs<br/><div>RFQ</div></div> |  <div><b>EP4CE40F23C7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 328 I/O 484FBGA<br/>In stock: 1161 pcs<br/><div>RFQ</div></div>                                 |
|  <div><b>EP4CE40F23C7</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 328 I/O 484FBGA<br/>In stock: 908 pcs<br/><div>RFQ</div></div>    |  <div><b>EP4CE30F29I7N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 532 I/O 780FBGA<br/>In stock: 1336 pcs<br/><div>RFQ</div></div> |