



Intel® FPGAs



EP4CE40F23A7N

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP4CE40F23A7N                                                                                                |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                 |
| Product description | IC FPGA 328 I/O 484FBGA                                                                                      |
|                     |  1.EP4CE40F23A7N.pdf        |
|                     |  2.EP4CE40F23A7N.pdf        |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 653 pcs stock                                                                                                |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

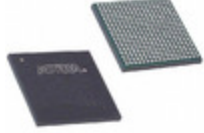
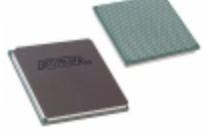
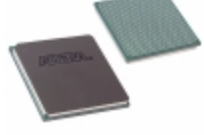
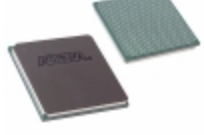
Specifications of EP4CE40F23A7N

|                                  |                                                                                                                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP4CE40F23A7N                                                                                                                                                                                                      |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                       |
| DESCRIPTION                      | IC FPGA 328 I/O 484FBGA                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                         |
| QUANTITY AVAILABLE               | 653 pcs                                                                                                                                                                                                            |
| DATA SHEET                       |  1.EP4CE40F23A7N.pdf<br> 2.EP4CE40F23A7N.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                                                                                                                                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 125°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 EP4CE40F23A7N  | EP4CE40F23A7N Distributor        | EP4CE40F23A7N Supplier         |
| EP4CE40F23A7N Price         | EP4CE40F23A7N Pictures           | EP4CE40F23A7N Image            |
| EP4CE40F23A7N PDF Datasheet | EP4CE40F23A7N Download Datasheet | EP4CE40F23A7N Datasheet        |
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| Intel® FPGAs EP4CE40F23A7N  | Intel® FPGAs Supplier            | Intel® FPGAs Distributor       |
| Intel® FPGAs EP4CE40F23A7N  |                                  |                                |

Related Products

|                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>EP4CE40F23C7</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 328 I/O 484FBGA<br/>In stock: 908 pcs<br/>RFQ</div>                                    |  <div><b>EP4CE40F23C8L</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 328 I/O 484FBGA<br/>In stock: 1105 pcs<br/>RFQ</div>                                 |
|  <div><b>EP4CE40F19A7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 193 I/O 324FBGA<br/>In stock: 1135 pcs<br/>RFQ</div>                                  |  <div><b>EP4CE30F29I7</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 532 I/O 780FBGA<br/>In stock: 1242 pcs<br/>RFQ</div>                                  |
|  <div><b>EP4CE40F23C6</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 328 I/O 484FBGA<br/>In stock: 835 pcs<br/>RFQ</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/>RFQ</div> |
|  <div><b>EP4CE40F23C8</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 328 I/O 484FBGA<br/>In stock: 1321 pcs<br/>RFQ</div>                                   |  <div><b>EP4CE40F23C6N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 328 I/O 484FBGA<br/>In stock: 865 pcs<br/>RFQ</div>                                  |
|  <div><b>EP4CE30F29C9LN</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 532 I/O 780FBGA<br/>In stock: 2473 pcs<br/>RFQ</div> |  <div><b>EP4CE30F29I8LN</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 532 I/O 780FBGA<br/>In stock: 1300 pcs<br/>RFQ</div>                                |
|  <div><b>EP4CE30F29I8L</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 532 I/O 780FBGA<br/>In stock: 1414 pcs<br/>RFQ</div>                                  |  <div><b>EP4CE40F23C7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 328 I/O 484FBGA<br/>In stock: 1161 pcs<br/>RFQ</div>                                 |