



Intel® FPGAs



Image may be representation. See specifications for product details.

EP4CE40F29C7

|                     |                                                                                                                                                                                                                                                                                   |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP4CE40F29C7                                                                                                                                                                                                                                                                      |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                                                                                                                                                                                      |
| Product description | IC FPGA 532 I/O 780FBGA <div><a href="#">PDF</a> 1.EP4CE40F29C7.pdf</div> <div><a href="#">PDF</a> 2.EP4CE40F29C7.pdf</div> <div><a href="#">PDF</a> 3.EP4CE40F29C7.pdf</div> <div><a href="#">PDF</a> 4.EP4CE40F29C7.pdf</div> <div><a href="#">PDF</a> 5.EP4CE40F29C7.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                   |
| RoHs Status         |  Contains lead / RoHS non-compliant                                                                                                                                                              |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                         |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                             |

REQUEST FOR QUOTATION

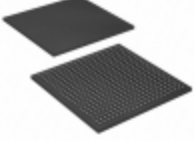
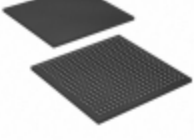
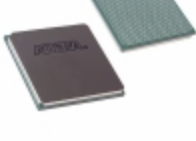
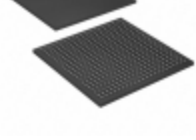
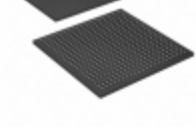
Specifications of EP4CE40F29C7

|                                  |                                                                                                                                                                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP4CE40F29C7                                                                                                                                                                                                                                              |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                                                              |
| DESCRIPTION                      | IC FPGA 532 I/O 780FBGA                                                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                        |
| DATA SHEET                       | <div><a href="#">PDF</a> 1.EP4CE40F29C7.pdf</div> <div><a href="#">PDF</a> 2.EP4CE40F29C7.pdf</div> <div><a href="#">PDF</a> 3.EP4CE40F29C7.pdf</div> <div><a href="#">PDF</a> 4.EP4CE40F29C7.pdf</div> <div><a href="#">PDF</a> 5.EP4CE40F29C7.pdf</div> |
| VOLTAGE - SUPPLY                 | 1.15 V ~ 1.25 V                                                                                                                                                                                                                                           |
| TOTAL RAM BITS                   | 1161216                                                                                                                                                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 780-FBGA (29x29)                                                                                                                                                                                                                                          |
| SERIES                           | Cyclone® IV E                                                                                                                                                                                                                                             |
| PACKAGE / CASE                   | 780-BGA                                                                                                                                                                                                                                                   |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                           |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 39600                                                                                                                                                                                                                                                     |
| NUMBER OF LABS/CLBS              | 2475                                                                                                                                                                                                                                                      |
| NUMBER OF I/O                    | 532                                                                                                                                                                                                                                                       |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                             |
| MANUFACTURER STANDARD LEAD TIME  | 8 Weeks                                                                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                        |
| BASE PART NUMBER                 | EP4CE40                                                                                                                                                                                                                                                   |

Related Tags

|                            |                                 |                               |
|----------------------------|---------------------------------|-------------------------------|
| Intel® FPGAs EP4CE40F29C7  | EP4CE40F29C7 Distributor        | EP4CE40F29C7 Supplier         |
| EP4CE40F29C7 Price         | EP4CE40F29C7 Pictures           | EP4CE40F29C7 Image            |
| EP4CE40F29C7 PDF Datasheet | EP4CE40F29C7 Download Datasheet | EP4CE40F29C7 Datasheet        |
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Related Products

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>EP4CE40F29C8</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 532 I/O 780FBGA<br/>In stock: Out stock</div> <div>RFQ</div>   | <div></div> <div><b>EP4CE40F29C9L</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 532 I/O 780FBGA<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>EP4CE40F29C6</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 532 I/O 780FBGA<br/>In stock: Out stock</div> <div>RFQ</div>   | <div></div> <div><b>EP4CE40F23I7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 328 I/O 484FBGA<br/>In stock: 229 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>EP4CE40F29C6N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 532 I/O 780FBGA<br/>In stock: 12 pcs</div> <div>RFQ</div>     | <div></div> <div><b>EP4CE40F23I8L</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 328 I/O 484FBGA<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>EP4CE40F29C8LN</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 532 I/O 780FBGA<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>EP4CE40F29C7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 532 I/O 780FBGA<br/>In stock: 31 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>EP4CE40F23I7</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 328 I/O 484FBGA<br/>In stock: Out stock</div> <div>RFQ</div>   | <div></div> <div><b>EP4CE40F29C8N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 532 I/O 780FBGA<br/>In stock: 71 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>EP4CE40F23I8LN</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 328 I/O 484FBGA<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>EP4CE40F29C8L</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 532 I/O 780FBGA<br/>In stock: Out stock</div> <div>RFQ</div> |