



Intel® FPGAs

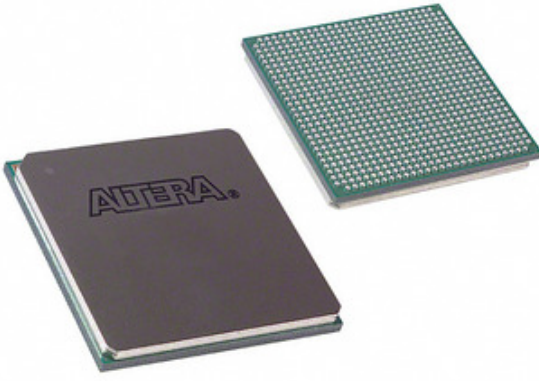


Image may be representation. See specifications for product details.

EP4CE40F29I7N

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP4CE40F29I7N                                                                                                |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                 |
| Product description | IC FPGA 532 I/O 780FBGA                                                                                      |
| Datasheets:         |  1.EP4CE40F29I7N.pdf        |
|                     |  2.EP4CE40F29I7N.pdf        |
|                     |  3.EP4CE40F29I7N.pdf        |
|                     |  4.EP4CE40F29I7N.pdf        |
|                     |  5.EP4CE40F29I7N.pdf        |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 936 pcs stock                                                                                                |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

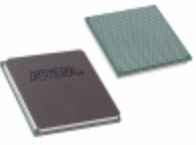
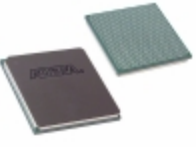
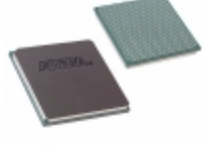
Specifications of EP4CE40F29I7N

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP4CE40F29I7N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| DESCRIPTION                      | IC FPGA 532 I/O 780FBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| QUANTITY AVAILABLE               | 936 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| DATA SHEET                       |  1.EP4CE40F29I7N.pdf<br> 2.EP4CE40F29I7N.pdf<br> 3.EP4CE40F29I7N.pdf<br> 4.EP4CE40F29I7N.pdf<br> 5.EP4CE40F29I7N.pdf |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| OTHER NAMES                      | 544-3198<br>EP4CE40F29I7N-ND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 100°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)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| BASE PART NUMBER                 | EP4CE40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

Related Tags

|                             |                                  |                                |
|-----------------------------|----------------------------------|--------------------------------|
| Intel® FPGAs EP4CE40F29I7N  | EP4CE40F29I7N Distributor        | EP4CE40F29I7N Supplier         |
| EP4CE40F29I7N Price         | EP4CE40F29I7N Pictures           | EP4CE40F29I7N Image            |
| EP4CE40F29I7N PDF Datasheet | EP4CE40F29I7N Download Datasheet | EP4CE40F29I7N Datasheet        |
| EP4CE40F29I7N Stock         | Buy EP4CE40F29I7N                | Buy Intel® FPGAs EP4CE40F29I7N |
| Intel® FPGAs EP4CE40F29I7N  | Intel® FPGAs Supplier            | Intel® FPGAs Distributor       |
| Intel® FPGAs EP4CE40F29I7N  |                                  |                                |

Related Products

|                                                                                                                                                                                                                     |                                                                                                                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div>EP4CE40U19A7N<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 328 I/O 484UBGA<br/>In stock: 686 pcs<br/>RFQ</div>  |  <div>EP4CE40F29C8LN<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 532 I/O 780FBGA<br/>In stock: 955 pcs<br/>RFQ</div>  |
|  <div>EP4CE40U19I7N<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 328 I/O 484UBGA<br/>In stock: 1161 pcs<br/>RFQ</div> |  <div>EP4CE40F29C8L<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 532 I/O 780FBGA<br/>In stock: 758 pcs<br/>RFQ</div>   |
|  <div>EP4CE40F29C9L<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 532 I/O 780FBGA<br/>In stock: 1142 pcs<br/>RFQ</div> |  <div>EP4CE40F29I8LN<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 532 I/O 780FBGA<br/>In stock: 898 pcs<br/>RFQ</div>  |
|  <div>EP4CE40F29I7<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 532 I/O 780FBGA<br/>In stock: 815 pcs<br/>RFQ</div>   |  <div>EP4CE55F23A7N<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 324 I/O 484FBGA<br/>In stock: 320 pcs<br/>RFQ</div>   |
|  <div>EP4CE40F29C8N<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 532 I/O 780FBGA<br/>In stock: 1275 pcs<br/>RFQ</div> |  <div>EP4CE40F29I8L<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 532 I/O 780FBGA<br/>In stock: 632 pcs<br/>RFQ</div>   |
|  <div>EP4CE55F23C6<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 324 I/O 484FBGA<br/>In stock: 463 pcs<br/>RFQ</div>   |  <div>EP4CE40F29C9LN<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 532 I/O 780FBGA<br/>In stock: 1215 pcs<br/>RFQ</div> |