



Intel® FPGAs



Image may be representation. See specifications for product details.

EP3C40F484C7N

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP3C40F484C7N                                                                                                |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                 |
| Product description | IC FPGA 331 I/O 484FBGA                                                                                      |
|                     |  1.EP3C40F484C7N.pdf        |
|                     |  2.EP3C40F484C7N.pdf        |
|                     |  3.EP3C40F484C7N.pdf        |
|                     |  4.EP3C40F484C7N.pdf        |
|                     |  5.EP3C40F484C7N.pdf        |
|                     |  6.EP3C40F484C7N.pdf        |
|                     |  7.EP3C40F484C7N.pdf        |
|                     |  8.EP3C40F484C7N.pdf        |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 690 pcs stock                                                                                                |
|                     | Hong Kong                                                                                                    |
| Shipment way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

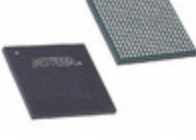
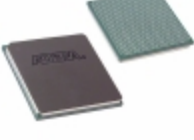
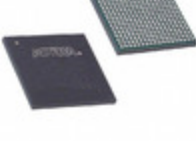
Specifications of EP3C40F484C7N

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP3C40F484C7N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| DESCRIPTION                      | IC FPGA 331 I/O 484FBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| QUANTITY AVAILABLE               | 690 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| DATA SHEET                       |  1.EP3C40F484C7N.pdf<br> 2.EP3C40F484C7N.pdf<br> 3.EP3C40F484C7N.pdf<br> 4.EP3C40F484C7N.pdf<br> 5.EP3C40F484C7N.pdf<br> 6.EP3C40F484C7N.pdf<br> 7.EP3C40F484C7N.pdf<br> 8.EP3C40F484C7N.pdf |
| VOLTAGE - SUPPLY                 | 1.15 V ~ 1.25 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| TOTAL RAM BITS                   | 1161216                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 484-FBGA (23x23)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| SERIES                           | Cyclone® III                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| PACKAGE / CASE                   | 484-BGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| OTHER NAMES                      | 544-2491                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 39600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| NUMBER OF LABS/CLBS              | 2475                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| NUMBER OF I/O                    | 331                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| BASE PART NUMBER                 | EP3C40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

Related Tags

|                             |                                  |                                |
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| Intel® FPGAs EP3C40F484C7N  | EP3C40F484C7N Distributor        | EP3C40F484C7N Supplier         |
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Related Products

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|  <div><b>EP3C40F780C6N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 535 I/O 780FBGA<br/>In stock: 444 pcs<br/><b>RFQ</b></div> |  <div><b>EP3C40F484I7</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 331 I/O 484FBGA<br/>In stock: 562 pcs<br/><b>RFQ</b></div>                                 |
|  <div><b>EP3C40F484C8N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 331 I/O 484FBGA<br/>In stock: 815 pcs<br/><b>RFQ</b></div> |  <div><b>EP3C40F484C7</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 331 I/O 484FBGA<br/>In stock: 668 pcs<br/><b>RFQ</b></div> |
|  <div><b>EP3C40F324I7</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 195 I/O 324FBGA<br/>In stock: 620 pcs<br/><b>RFQ</b></div>  |  <div><b>EP3C40F780C6</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 535 I/O 780FBGA<br/>In stock: 407 pcs<br/><b>RFQ</b></div>                                 |
|  <div><b>EP3C40F484A7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 331 I/O 484FBGA<br/>In stock: 469 pcs<br/><b>RFQ</b></div> |  <div><b>EP3C40F484C6N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 331 I/O 484FBGA<br/>In stock: 619 pcs<br/><b>RFQ</b></div>                                |
|  <div><b>EP3C40F324I7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 195 I/O 324FBGA<br/>In stock: 643 pcs<br/><b>RFQ</b></div> |  <div><b>EP3C40F484I7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 331 I/O 484FBGA<br/>In stock: 609 pcs<br/><b>RFQ</b></div>                                |
|  <div><b>EP3C40F484C6</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 331 I/O 484FBGA<br/>In stock: 647 pcs<br/><b>RFQ</b></div>  |  <div><b>EP3C40F484C8</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 331 I/O 484FBGA<br/>In stock: 845 pcs<br/><b>RFQ</b></div>                                 |