



Intel® FPGAs

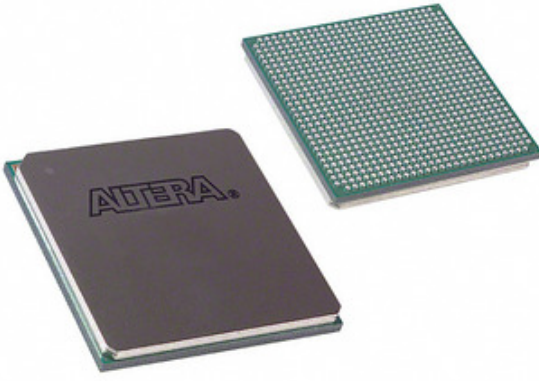


Image may be representation. See specifications for product details.

EP3C40F780I7N

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP3C40F780I7N                                                                                                |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                 |
| Product description | IC FPGA 535 I/O 780FBGA                                                                                      |
|                     | <a href="#">1. EP3C40F780I7N.pdf</a>                                                                         |
|                     | <a href="#">2. EP3C40F780I7N.pdf</a>                                                                         |
|                     | <a href="#">3. EP3C40F780I7N.pdf</a>                                                                         |
|                     | <a href="#">4. EP3C40F780I7N.pdf</a>                                                                         |
|                     | <a href="#">5. EP3C40F780I7N.pdf</a>                                                                         |
|                     | <a href="#">6. EP3C40F780I7N.pdf</a>                                                                         |
|                     | <a href="#">7. EP3C40F780I7N.pdf</a>                                                                         |
|                     | <a href="#">8. EP3C40F780I7N.pdf</a>                                                                         |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
|                     | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

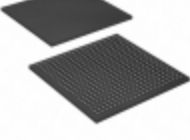
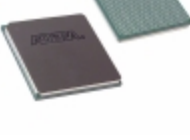
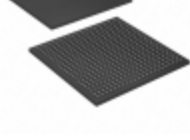
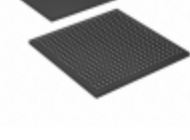
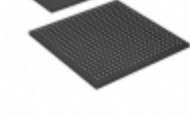
Specifications of EP3C40F780I7N

|                                  |                                                                                                                                                                                                                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP3C40F780I7N                                                                                                                                                                                                                                                                                                                |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                                                                                                                                 |
| DESCRIPTION                      | IC FPGA 535 I/O 780FBGA                                                                                                                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                   |
| DATA SHEET                       | <a href="#">1. EP3C40F780I7N.pdf</a><br><a href="#">2. EP3C40F780I7N.pdf</a><br><a href="#">3. EP3C40F780I7N.pdf</a><br><a href="#">4. EP3C40F780I7N.pdf</a><br><a href="#">5. EP3C40F780I7N.pdf</a><br><a href="#">6. EP3C40F780I7N.pdf</a><br><a href="#">7. EP3C40F780I7N.pdf</a><br><a href="#">8. EP3C40F780I7N.pdf</a> |
| VOLTAGE - SUPPLY                 | 1.15 V ~ 1.25 V                                                                                                                                                                                                                                                                                                              |
| TOTAL RAM BITS                   | 1161216                                                                                                                                                                                                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 780-FBGA (29x29)                                                                                                                                                                                                                                                                                                             |
| SERIES                           | Cyclone® III                                                                                                                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 780-BGA                                                                                                                                                                                                                                                                                                                      |
| OTHER NAMES                      | 544-2549                                                                                                                                                                                                                                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                                                                                                                           |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 39600                                                                                                                                                                                                                                                                                                                        |
| NUMBER OF LABS/CLBS              | 2475                                                                                                                                                                                                                                                                                                                         |
| NUMBER OF I/O                    | 535                                                                                                                                                                                                                                                                                                                          |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                |
| MANUFACTURER STANDARD LEAD TIME  | 8 Weeks                                                                                                                                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                   |
| BASE PART NUMBER                 | EP3C40                                                                                                                                                                                                                                                                                                                       |

Related Tags

|                             |                                  |                                |
|-----------------------------|----------------------------------|--------------------------------|
| Intel® FPGAs EP3C40F780I7N  | EP3C40F780I7N Distributor        | EP3C40F780I7N Supplier         |
| EP3C40F780I7N Price         | EP3C40F780I7N Pictures           | EP3C40F780I7N Image            |
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| Intel® FPGAs EP3C40F780I7N  | Intel® FPGAs Supplier            | Intel® FPGAs Distributor       |
| Intel® FPGAs EP3C40F780I7N  |                                  |                                |

Related Products

|                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>EP3C40F780C7</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 535 I/O 780FBGA<br/>In stock: 30 pcs<br/><b>RFQ</b></div>    |  <div><b>EP3C40Q240C8</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 128 I/O 240QFP<br/>In stock: 2 pcs<br/><b>RFQ</b></div> |
|  <div><b>EP3C40F780I7</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 535 I/O 780FBGA<br/>In stock: 14 pcs<br/><b>RFQ</b></div>    |  <div><b>EP3C40U484A7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 331 I/O 484UBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>                           |
|  <div><b>EP3C40F780C8</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 535 I/O 780FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>EP3C40Q240C8N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 128 I/O 240QFP<br/>In stock: 159 pcs<br/><b>RFQ</b></div>                              |
|  <div><b>EP3C40F780C7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 535 I/O 780FBGA<br/>In stock: 50 pcs<br/><b>RFQ</b></div>   |  <div><b>EP3C40U484C6</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 331 I/O 484UBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>                            |
|  <div><b>EP3C40F780C6N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 535 I/O 780FBGA<br/>In stock: 12 pcs<br/><b>RFQ</b></div>   |  <div><b>EP3C40U484C7</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 331 I/O 484UBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>                            |
|  <div><b>EP3C40F780C8N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 535 I/O 780FBGA<br/>In stock: 48 pcs<br/><b>RFQ</b></div>   |  <div><b>EP3C40U484C6N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 331 I/O 484UBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>                           |