



Intel® FPGAs

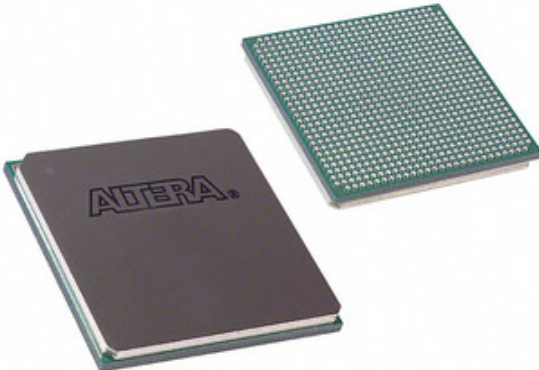


Image may be representation. See specifications for product details.

EP3SE50F780C2

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP3SE50F780C2                                                                                                |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                 |
| Product description | IC FPGA 488 I/O 780FBGA                                                                                      |
|                     |  1.EP3SE50F780C2.pdf        |
|                     |  2.EP3SE50F780C2.pdf        |
|                     |  3.EP3SE50F780C2.pdf        |
|                     |  4.EP3SE50F780C2.pdf        |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 59 pcs stock                                                                                                 |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of EP3SE50F780C2

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP3SE50F780C2                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                                                                                                                                                                                                                                             |
| DESCRIPTION                      | IC FPGA 488 I/O 780FBGA                                                                                                                                                                                                                                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 59 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DATA SHEET                       |  1.EP3SE50F780C2.pdf<br> 2.EP3SE50F780C2.pdf<br> 3.EP3SE50F780C2.pdf<br> 4.EP3SE50F780C2.pdf |
| VOLTAGE - SUPPLY                 | 0.86 V ~ 1.15 V                                                                                                                                                                                                                                                                                                                                                                                                                          |
| TOTAL RAM BITS                   | 5760000                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 780-FBGA (29x29)                                                                                                                                                                                                                                                                                                                                                                                                                         |
| SERIES                           | Stratix® III E                                                                                                                                                                                                                                                                                                                                                                                                                           |
| PACKAGE / CASE                   | 780-BBGA, FCBGA                                                                                                                                                                                                                                                                                                                                                                                                                          |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                          |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 47500                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| NUMBER OF LABS/CLBS              | 1900                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| NUMBER OF I/O                    | 488                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                               |
| BASE PART NUMBER                 | EP3SE50                                                                                                                                                                                                                                                                                                                                                                                                                                  |

Related Tags

|                             |                                  |                                |
|-----------------------------|----------------------------------|--------------------------------|
| Intel® FPGAs EP3SE50F780C2  | EP3SE50F780C2 Distributor        | EP3SE50F780C2 Supplier         |
| EP3SE50F780C2 Price         | EP3SE50F780C2 Pictures           | EP3SE50F780C2 Image            |
| EP3SE50F780C2 PDF Datasheet | EP3SE50F780C2 Download Datasheet | EP3SE50F780C2 Datasheet        |
| EP3SE50F780C2 Stock         | Buy EP3SE50F780C2                | Buy Intel® FPGAs EP3SE50F780C2 |
| Intel® FPGAs EP3SE50F780C2  | Intel® FPGAs Supplier            | Intel® FPGAs Distributor       |
| Intel® FPGAs EP3SE50F780C2  |                                  |                                |

Related Products

|                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>EP3SE50F780C2N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 488 I/O 780FBGA<br/>In stock: 80 pcs<br/>RFQ</div> |  <div><b>EP3SE50F780C4</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 488 I/O 780FBGA<br/>In stock: 104 pcs<br/>RFQ</div> |
|  <div><b>EP3SE50F484I4</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 296 I/O 484FBGA<br/>In stock: 94 pcs<br/>RFQ</div>  |  <div><b>EP3SE50F484I4LN</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 296 I/O 484FBGA<br/>In stock: 81 pcs<br/>RFQ</div>                                |
|  <div><b>EP3SE50F484I3</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 296 I/O 484FBGA<br/>In stock: 65 pcs<br/>RFQ</div>  |  <div><b>EP3SE50F780C4LN</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 488 I/O 780FBGA<br/>In stock: 81 pcs<br/>RFQ</div>                                |
|  <div><b>EP3SE50F780C4L</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 488 I/O 780FBGA<br/>In stock: 80 pcs<br/>RFQ</div> |  <div><b>EP3SE50F484I3N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 296 I/O 484FBGA<br/>In stock: 83 pcs<br/>RFQ</div>                                 |
|  <div><b>EP3SE50F780C3N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 488 I/O 780FBGA<br/>In stock: 83 pcs<br/>RFQ</div> |  <div><b>EP3SE50F780C3</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 488 I/O 780FBGA<br/>In stock: 82 pcs<br/>RFQ</div>                                  |
|  <div><b>EP3SE50F484I4L</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 296 I/O 484FBGA<br/>In stock: 61 pcs<br/>RFQ</div> |  <div><b>EP3SE50F484I4N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 296 I/O 484FBGA<br/>In stock: 103 pcs<br/>RFQ</div>                                |