



Altera (Intel® Programmable

Solutions Group)

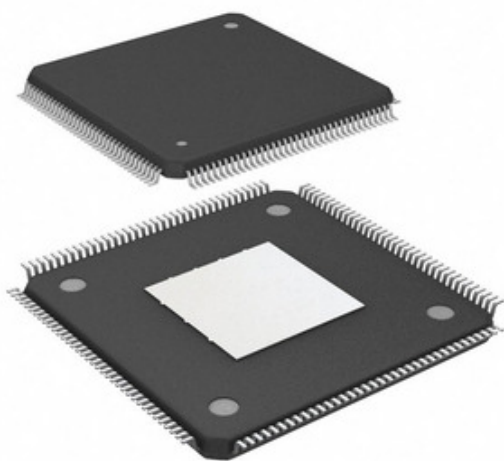


Image may be representation. See specifications for product details.

EP3C25E144C8

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP3C25E144C8                                                                                                 |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                 |
| Product description | IC FPGA 82 I/O 144EQFP                                                                                       |
|                     | <a href="#">1.EP3C25E144C8.pdf</a>                                                                           |
|                     | <a href="#">2.EP3C25E144C8.pdf</a>                                                                           |
|                     | <a href="#">3.EP3C25E144C8.pdf</a>                                                                           |
|                     | <a href="#">4.EP3C25E144C8.pdf</a>                                                                           |
|                     | <a href="#">5.EP3C25E144C8.pdf</a>                                                                           |
|                     | <a href="#">6.EP3C25E144C8.pdf</a>                                                                           |
|                     | <a href="#">7.EP3C25E144C8.pdf</a>                                                                           |
|                     | <a href="#">8.EP3C25E144C8.pdf</a>                                                                           |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 1742 pcs stock                                                                                               |
|                     | <a href="#">REQUEST FOR QUOTATION</a>                                                                        |
| Shipment way        | DHL/ Fedex/TNT/UPS/EMS                                                                                       |

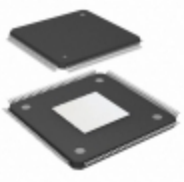
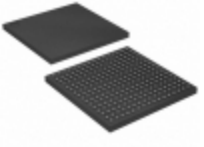
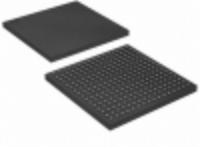
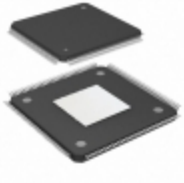
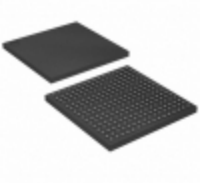
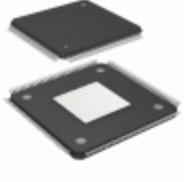
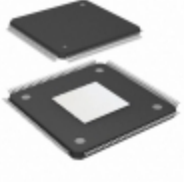
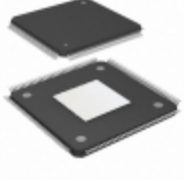
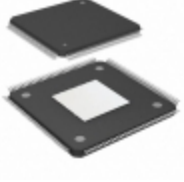
Specifications of EP3C25E144C8

|                                  |                                                                                                                                                                                                                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP3C25E144C8                                                                                                                                                                                                                                                                                                 |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                 |
| DESCRIPTION                      | IC FPGA 82 I/O 144EQFP                                                                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                   |
| QUANTITY AVAILABLE               | 1742 pcs                                                                                                                                                                                                                                                                                                     |
| DATA SHEET                       | <a href="#">1.EP3C25E144C8.pdf</a><br><a href="#">2.EP3C25E144C8.pdf</a><br><a href="#">3.EP3C25E144C8.pdf</a><br><a href="#">4.EP3C25E144C8.pdf</a><br><a href="#">5.EP3C25E144C8.pdf</a><br><a href="#">6.EP3C25E144C8.pdf</a><br><a href="#">7.EP3C25E144C8.pdf</a><br><a href="#">8.EP3C25E144C8.pdf</a> |
| VOLTAGE - SUPPLY                 | 1.15 V ~ 1.25 V                                                                                                                                                                                                                                                                                              |
| TOTAL RAM BITS                   | 608256                                                                                                                                                                                                                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 144-EQFP (20x20)                                                                                                                                                                                                                                                                                             |
| SERIES                           | Cyclone® III                                                                                                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 144-LQFP Exposed Pad                                                                                                                                                                                                                                                                                         |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                                                              |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 24624                                                                                                                                                                                                                                                                                                        |
| NUMBER OF LABS/CLBS              | 1539                                                                                                                                                                                                                                                                                                         |
| NUMBER OF I/O                    | 82                                                                                                                                                                                                                                                                                                           |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                   |
| BASE PART NUMBER                 | EP3C25                                                                                                                                                                                                                                                                                                       |

Related Tags

|                                                           |                                                       |                                                               |
|-----------------------------------------------------------|-------------------------------------------------------|---------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) EP3C25E144C8 | EP3C25E144C8 Distributor                              | EP3C25E144C8 Supplier                                         |
| EP3C25E144C8 Price                                        | EP3C25E144C8 Pictures                                 | EP3C25E144C8 Image                                            |
| EP3C25E144C8 PDF Datasheet                                | EP3C25E144C8 Download Datasheet                       | EP3C25E144C8 Datasheet                                        |
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| Altera (Intel® Programmable Solutions Group) EP3C25E144C8 | Altera EP3C25E144C8                                   | Altera (Intel® Programmable Solutions Group) EP3C25E144C8     |

Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>EP3C16U484I7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 346 I/O 484UBGA<br/>In stock: 1222 pcs</div> <div>RFQ</div>                                 |  <div><b>EP3C25E144I7</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 82 I/O 144EQFP<br/>In stock: 1429 pcs</div> <div>RFQ</div>                                  |
|  <div><b>EP3C16U484I7</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 346 I/O 484UBGA<br/>In stock: 1258 pcs</div> <div>RFQ</div>                                  |  <div><b>EP3C25F256C6N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 156 I/O 256FBGA<br/>In stock: 1188 pcs</div> <div>RFQ</div>                                |
|  <div><b>EP3C16U484C8N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 346 I/O 484UBGA<br/>In stock: 1964 pcs</div> <div>RFQ</div> |  <div><b>EP3C25F256C6</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 156 I/O 256FBGA<br/>In stock: 972 pcs</div> <div>RFQ</div>                                  |
|  <div><b>EP3C25E144A7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 82 I/O 144EQFP<br/>In stock: 953 pcs</div> <div>RFQ</div>                                   |  <div><b>EP3C25F256A7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 156 I/O 256FBGA<br/>In stock: 944 pcs</div> <div>RFQ</div>                                 |
|  <div><b>EP3C25E144C8N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 82 I/O 144EQFP<br/>In stock: 1937 pcs</div> <div>RFQ</div>                                  |  <div><b>EP3C25E144I7N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 82 I/O 144EQFP<br/>In stock: 1229 pcs</div> <div>RFQ</div> |
|  <div><b>EP3C25E144C7N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 82 I/O 144EQFP<br/>In stock: 1656 pcs</div> <div>RFQ</div>  |  <div><b>EP3C25E144C7</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 82 I/O 144EQFP<br/>In stock: 1413 pcs</div> <div>RFQ</div>  |