



EP2C5T144I8N

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP2C5T144I8N                                                                                                 |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                 |
| Product description | IC FPGA 89 I/O 144TQFP                                                                                       |
|                     |  1.EP2C5T144I8N.pdf         |
|                     |  2.EP2C5T144I8N.pdf         |
|                     |  3.EP2C5T144I8N.pdf         |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5579 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

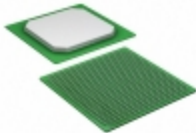
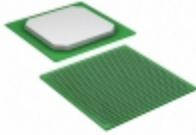
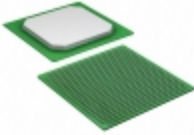
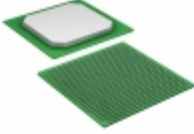
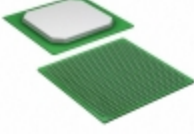
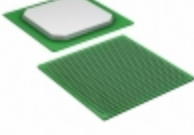
Specifications of EP2C5T144I8N

|                                  |                                                                                                                                                                                                                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP2C5T144I8N                                                                                                                                                                                                                                                                                                               |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                                                                                                                               |
| DESCRIPTION                      | IC FPGA 89 I/O 144TQFP                                                                                                                                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                 |
| QUANTITY AVAILABLE               | 5579 pcs                                                                                                                                                                                                                                                                                                                   |
| DATA SHEET                       |  1.EP2C5T144I8N.pdf<br> 2.EP2C5T144I8N.pdf<br> 3.EP2C5T144I8N.pdf |
| VOLTAGE - SUPPLY                 | 1.15 V ~ 1.25 V                                                                                                                                                                                                                                                                                                            |
| TOTAL RAM BITS                   | 119808                                                                                                                                                                                                                                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 144-TQFP (20x20)                                                                                                                                                                                                                                                                                                           |
| SERIES                           | Cyclone® II                                                                                                                                                                                                                                                                                                                |
| PACKAGE / CASE                   | 144-LQFP                                                                                                                                                                                                                                                                                                                   |
| OTHER NAMES                      | 544-2139                                                                                                                                                                                                                                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                                                                                                                         |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 4608                                                                                                                                                                                                                                                                                                                       |
| NUMBER OF LABS/CLBS              | 288                                                                                                                                                                                                                                                                                                                        |
| NUMBER OF I/O                    | 89                                                                                                                                                                                                                                                                                                                         |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                 |
| BASE PART NUMBER                 | EP2C5                                                                                                                                                                                                                                                                                                                      |

Related Tags

|                            |                                 |                               |
|----------------------------|---------------------------------|-------------------------------|
| Intel® FPGAs EP2C5T144I8N  | EP2C5T144I8N Distributor        | EP2C5T144I8N Supplier         |
| EP2C5T144I8N Price         | EP2C5T144I8N Pictures           | EP2C5T144I8N Image            |
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| Intel® FPGAs EP2C5T144I8N  | Intel® FPGAs Supplier           | Intel® FPGAs Distributor      |
| Intel® FPGAs EP2C5T144I8N  |                                 |                               |

Related Products

|                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                       |
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|  <div><b>EP2C70F672C6</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 422 I/O 672FBGA<br/>In stock: 229 pcs<br/><div>RFQ</div></div>  |  <div><b>EP2C5T144C6N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 89 I/O 144TQFP<br/>In stock: 4385 pcs<br/><div>RFQ</div></div>                                  |
|  <div><b>EP2C70F672C6N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 422 I/O 672FBGA<br/>In stock: 209 pcs<br/><div>RFQ</div></div> |  <div><b>EP2C70F672C7</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 422 I/O 672FBGA<br/>In stock: 287 pcs<br/><div>RFQ</div></div>  |
|  <div><b>EP2C5T144C7N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 89 I/O 144TQFP<br/>In stock: 5718 pcs<br/><div>RFQ</div></div>  |  <div><b>EP2C70F672C8</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 422 I/O 672FBGA<br/>In stock: 363 pcs<br/><div>RFQ</div></div>                                  |
|  <div><b>EP2C5T144C8</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 89 I/O 144TQFP<br/>In stock: 6535 pcs<br/><div>RFQ</div></div>                                   |  <div><b>EP2C5T144C8N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 89 I/O 144TQFP<br/>In stock: 7197 pcs<br/><div>RFQ</div></div>                                  |
|  <div><b>EP2C5T144C7</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 89 I/O 144TQFP<br/>In stock: 5517 pcs<br/><div>RFQ</div></div>   |  <div><b>EP2C70F672C7N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 422 I/O 672FBGA<br/>In stock: 299 pcs<br/><div>RFQ</div></div> |
|  <div><b>EP2C5T144I8</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 89 I/O 144TQFP<br/>In stock: 4647 pcs<br/><div>RFQ</div></div>   |  <div><b>EP2C70F672C8N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 422 I/O 672FBGA<br/>In stock: 401 pcs<br/><div>RFQ</div></div>                                 |