



Intel® FPGAs

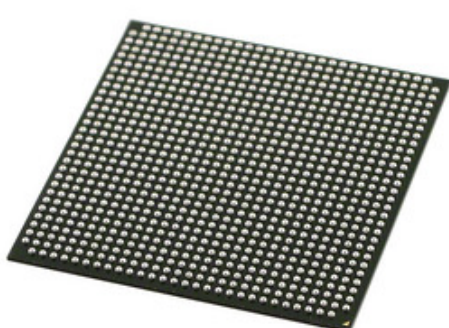


Image may be representation. See specifications for product details.

5CEBA9F31C8N

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | 5CEBA9F31C8N                                                                                                 |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                 |
| Product description | IC FPGA 480 I/O 896FBGA                                                                                      |
|                     |  1.5CEBA9F31C8N.pdf         |
|                     |  2.5CEBA9F31C8N.pdf         |
|                     |  3.5CEBA9F31C8N.pdf         |
|                     |  4.5CEBA9F31C8N.pdf         |
|                     |  5.5CEBA9F31C8N.pdf         |
|                     |  Lead free / RoHS Compliant |
| RoHs Status         | 372 pcs stock                                                                                                |
| Stock Condition     | Hong Kong                                                                                                    |
| Ship From           | DHL/Fedex/TNT/UPS/EMS                                                                                        |
| Shipment Way        |                                                                                                              |

REQUEST FOR QUOTATION

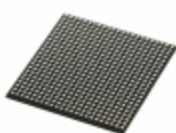
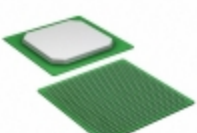
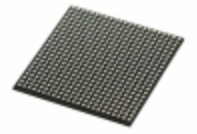
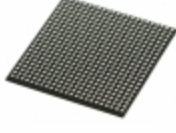
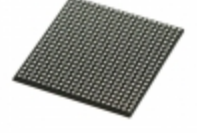
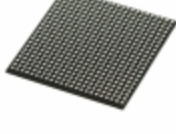
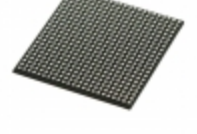
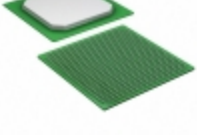
Specifications of 5CEBA9F31C8N

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 5CEBA9F31C8N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DESCRIPTION                      | IC FPGA 480 I/O 896FBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| QUANTITY AVAILABLE               | 372 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| DATA SHEET                       |  1.5CEBA9F31C8N.pdf<br> 2.5CEBA9F31C8N.pdf<br> 3.5CEBA9F31C8N.pdf<br> 4.5CEBA9F31C8N.pdf<br> 5.5CEBA9F31C8N.pdf |
| VOLTAGE - SUPPLY                 | 1.07 V ~ 1.13 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| TOTAL RAM BITS                   | 14251008                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 896-FBGA (31x31)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| SERIES                           | Cyclone® V E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| PACKAGE / CASE                   | 896-BGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 301000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| NUMBER OF LABS/CLBS              | 113560                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| NUMBER OF I/O                    | 480                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| BASE PART NUMBER                 | 5CEBA9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

Related Tags

|                            |                                 |                               |
|----------------------------|---------------------------------|-------------------------------|
| Intel® FPGAs 5CEBA9F31C8N  | 5CEBA9F31C8N Distributor        | 5CEBA9F31C8N Supplier         |
| 5CEBA9F31C8N Price         | 5CEBA9F31C8N Pictures           | 5CEBA9F31C8N Image            |
| 5CEBA9F31C8N PDF Datasheet | 5CEBA9F31C8N Download Datasheet | 5CEBA9F31C8N Datasheet        |
| 5CEBA9F31C8N Stock         | Buy 5CEBA9F31C8N                | Buy Intel® FPGAs 5CEBA9F31C8N |
| Intel® FPGAs 5CEBA9F31C8N  | Intel® FPGAs Supplier           | Intel® FPGAs Distributor      |
| Intel® FPGAs 5CEBA9F31C8N  |                                 |                               |

Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                  |
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|  <div><b>5CEFA2F23I7</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 224 I/O 484FBGA<br/>In stock: 1306 pcs<br/><b>RFQ</b></div>                                  |  <div><b>5CEBA9F27C8N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 336 I/O 672FBGA<br/>In stock: 405 pcs<br/><b>RFQ</b></div>                                 |
|  <div><b>5CEBA9F31C7N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 480 I/O 896FBGA<br/>In stock: 302 pcs<br/><b>RFQ</b></div>  |  <div><b>5CEBA9U19C8N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 240 I/O 484UBGA<br/>In stock: 311 pcs<br/><b>RFQ</b></div>                                 |
|  <div><b>5CEFA2F23C7N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 224 I/O 484FBGA<br/>In stock: 1935 pcs<br/><b>RFQ</b></div> |  <div><b>5CEBA9U19C7N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 240 I/O 484UBGA<br/>In stock: 259 pcs<br/><b>RFQ</b></div> |
|  <div><b>5CEBA9F23C7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 224 I/O 484FBGA<br/>In stock: 397 pcs<br/><b>RFQ</b></div>                                  |  <div><b>5CEBA7U19C8N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 240 I/O 484UBGA<br/>In stock: 560 pcs<br/><b>RFQ</b></div>                                 |
|  <div><b>5CEFA2F23C6N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 224 I/O 484FBGA<br/>In stock: 1252 pcs<br/><b>RFQ</b></div> |  <div><b>5CEBA9F27C7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 336 I/O 672FBGA<br/>In stock: 359 pcs<br/><b>RFQ</b></div>                                 |
|  <div><b>5CEFA2F23C8N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 224 I/O 484FBGA<br/>In stock: 2123 pcs<br/><b>RFQ</b></div> |  <div><b>5CEBA9F23C8N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 224 I/O 484FBGA<br/>In stock: 486 pcs<br/><b>RFQ</b></div>                                 |