

EP1C3T144I7N



Part Number: [EP1C3T144I7N](#)

Manufacturer: [Altera \(Intel® Programmable Solutions Group\)](#)

Description: IC FPGA 104 I/O 144TQFP

Data sheet:  [Cyclone Device Handbook, Volume 1](#)  
 [144-TQFP Pkg Info](#)  
 [Virtual JTAG Megafuntion User Guide](#)  
 [Cyclone FPGA Family](#)

RoHs Status: Lead free / RoHS Compliant

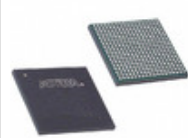
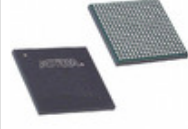
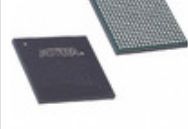
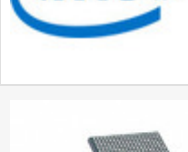
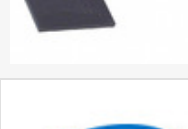
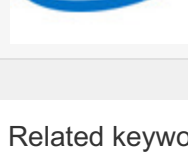
Ship From: Hong Kong

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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                           |                                |                                                                                                                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | EP1C3T144I7N                              | Manufacturer                   | <a href="#">Altera (Intel® Programmable Solutions Group)</a>                                                                                                                         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC FPGA 104 I/O 144TQFP                   | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                                                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 4360 pcs                                  | Data sheet                     | <a href="#">Cyclone Device Handbook, Volume 1</a><br><a href="#">144-TQFP Pkg Info</a><br><a href="#">Virtual JTAG Megafuntion User Guide</a><br><a href="#">Cyclone FPGA Family</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply               | 1.425 V ~ 1.575 V                                                                                                                                                                    |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 59904                                     | Supplier Device Package        | 144-TQFP (20x20)                                                                                                                                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Cyclone®                                  | Package / Case                 | 144-LQFP                                                                                                                                                                             |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 544-1802<br>EP1C3T144I7N-ND               | Operating Temperature          | -40°C ~ 100°C (TJ)                                                                                                                                                                   |
| Number of Logic Elements/Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2910                                      | Number of LABs/CLBs            | 291                                                                                                                                                                                  |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 104                                       | Mounting Type                  | Surface Mount                                                                                                                                                                        |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                                                                           |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EP1C3                                     |                                |                                                                                                                                                                                      |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Altera (Intel® Programmable Solutions Group) series electronic components. We have 4360 pieces of Altera (Intel® Programmable Solutions Group) EP1C3T144I7N in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                |                                                                                                                                                                                      |

| RELATED PRODUCTS                                                                   |                                                                             |                                                                             |                     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">EP1C4F324C7N</a><br>Description: IC FPGA 249 I/O 324FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1C3T144C6N</a><br>Description: IC FPGA 104 I/O 144TQFP | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1C4F324C8N</a><br>Description: IC FPGA 249 I/O 324FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1C3T144A8N</a><br>Description: IC FPGA 104 I/O 144TQFP | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1C4F324C7</a><br>Description: IC FPGA 249 I/O 324FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1C3XXB</a><br>Description: IC FPGA FBGA                | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1C3T144C7</a><br>Description: IC FPGA 104 I/O 144TQFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1C4F324I7N</a><br>Description: IC FPGA 249 I/O 324FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1C3T144C8</a><br>Description: IC FPGA 104 I/O 144TQFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1C3T144I7</a><br>Description: IC FPGA 104 I/O 144TQFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1C4F400C6</a><br>Description: IC FPGA 301 I/O 400FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1C3T144C8NGA</a><br>Description: IC FPGA FBGA          | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1C3T144C8N</a><br>Description: IC FPGA 104 I/O 144TQFP | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1C4F324I7</a><br>Description: IC FPGA 249 I/O 324FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1C4F324C6</a><br>Description: IC FPGA 249 I/O 324FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1C4F324C6N</a><br>Description: IC FPGA 249 I/O 324FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1C3T144C8GA</a><br>Description: IC FPGA FBGA           | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1C4F324C8</a><br>Description: IC FPGA 249 I/O 324FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1C3T144C7N</a><br>Description: IC FPGA 104 I/O 144TQFP | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1C3T144C6</a><br>Description: IC FPGA 104 I/O 144TQFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |

| Related keywords for EP1C3T144I7N |                                              |                                              |                                              |
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