



Altera (Intel® Programmable

Solutions Group)



EP1C6T144C8

|                     |                                                                                                                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP1C6T144C8                                                                                                                                                                                                                |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                               |
| Product description | IC FPGA 98 I/O 144TQFP <div><a href="#">PDF</a> 1.EP1C6T144C8.pdf</div> <div><a href="#">PDF</a> 2.EP1C6T144C8.pdf</div> <div><a href="#">PDF</a> 3.EP1C6T144C8.pdf</div> <div><a href="#">PDF</a> 4.EP1C6T144C8.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                            |
| RoHs Status         |  Contains lead / RoHS non-compliant                                                                                                       |
| Ship From           | Hong Kong                                                                                                                                                                                                                  |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                      |

REQUEST FOR QUOTATION

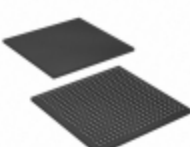
Specifications of EP1C6T144C8

|                                  |                                                                                                                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP1C6T144C8                                                                                                                                                                                         |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                        |
| DESCRIPTION                      | IC FPGA 98 I/O 144TQFP                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                  |
| DATA SHEET                       | <div><a href="#">PDF</a> 1.EP1C6T144C8.pdf</div> <div><a href="#">PDF</a> 2.EP1C6T144C8.pdf</div> <div><a href="#">PDF</a> 3.EP1C6T144C8.pdf</div> <div><a href="#">PDF</a> 4.EP1C6T144C8.pdf</div> |
| VOLTAGE - SUPPLY                 | 1.425 V ~ 1.575 V                                                                                                                                                                                   |
| TOTAL RAM BITS                   | 92160                                                                                                                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 144-TQFP (20x20)                                                                                                                                                                                    |
| SERIES                           | Cyclone®                                                                                                                                                                                            |
| PACKAGE / CASE                   | 144-LQFP                                                                                                                                                                                            |
| OTHER NAMES                      | 544-1058                                                                                                                                                                                            |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                     |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 5980                                                                                                                                                                                                |
| NUMBER OF LABS/CLBS              | 598                                                                                                                                                                                                 |
| NUMBER OF I/O                    | 98                                                                                                                                                                                                  |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                  |
| BASE PART NUMBER                 | EP1C6                                                                                                                                                                                               |

Related Tags

|                                                             |                                                       |                                                                 |
|-------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group)<br>EP1C6T144C8 | EP1C6T144C8 Distributor                               | EP1C6T144C8 Supplier                                            |
| EP1C6T144C8 Price                                           | EP1C6T144C8 Pictures                                  | EP1C6T144C8 Image                                               |
| EP1C6T144C8 PDF Datasheet                                   | EP1C6T144C8 Download Datasheet                        | EP1C6T144C8 Datasheet                                           |
| EP1C6T144C8 Stock                                           | Buy EP1C6T144C8                                       | Buy Altera (Intel® Programmable Solutions Group)<br>EP1C6T144C8 |
| Altera (Intel® Programmable Solutions Group)<br>EP1C6T144C8 | Altera (Intel® Programmable Solutions Group) Supplier | Altera (Intel® Programmable Solutions Group) Distributor        |
| Altera (Intel® Programmable Solutions Group)<br>EP1C6T144C8 | Altera EP1C6T144C8                                    | Altera (Intel® Programmable Solutions Group)<br>EP1C6T144C8     |

Related Products

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| <div></div> <div><b>EP1C6T144C6</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 98 I/O 144TQFP<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>EP1C6T144C8AA</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA FBGA<br/>In stock: Out stock</div> <div>RFQ</div>       |
| <div></div> <div><b>EP1C6T144C8N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 98 I/O 144TQFP<br/>In stock: 1 pcs</div> <div>RFQ</div>    | <div></div> <div><b>EP1K100EFI484-2</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: Out stock</div> <div>RFQ</div>          |
| <div></div> <div><b>EP1C6T144I7</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 98 I/O 144TQFP<br/>In stock: 77 pcs</div> <div>RFQ</div>    | <div></div> <div><b>EP1C6Q240I7N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 185 I/O 240QFP<br/>In stock: 26 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>EP1C6T144C7</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 98 I/O 144TQFP<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>EP1C6T144I7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 98 I/O 144TQFP<br/>In stock: 762 pcs</div> <div>RFQ</div>                                |
| <div></div> <div><b>EP1C6Q240I7</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 185 I/O 240QFP<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>EP1C6T144C6N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 98 I/O 144TQFP<br/>In stock: 193 pcs</div> <div>RFQ</div>                                |
| <div></div> <div><b>EP1C6T144C7N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 98 I/O 144TQFP<br/>In stock: 3 pcs</div> <div>RFQ</div>    | <div></div> <div><b>EP1C6XXA</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA FBGA<br/>In stock: Out stock</div> <div>RFQ</div>            |