



Altera (Intel® Programmable Solutions Group)



Part Number:EP20K1500CB652C7

Manufacturer/Brand:Altera (Intel® Programmable Solutions Group)

Product description:IC FPGA

Datasheets: EP20K1500CB652C7.pdf

RoHs Status: Lead free / RoHS Compliant

Ship From:Hong Kong

Shipment Way:DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of EP20K1500CB652C7

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP20K1500CB652C7                                                                                         |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                             |
| DESCRIPTION                      | IC FPGA                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| DATA SHEET                       |  EP20K1500CB652C7.pdf |
| VOLTAGE - SUPPLY                 | 2.375 V ~ 2.625 V                                                                                        |
| TOTAL RAM BITS                   | 442368                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 652-BGA (45x45)                                                                                          |
| SERIES                           | APEX-20KE®                                                                                               |
| PACKAGE / CASE                   | 652-BBGA                                                                                                 |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                          |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 51840                                                                                                    |
| NUMBER OF LABS/CLBS              | 5184                                                                                                     |
| NUMBER OF I/O                    | 488                                                                                                      |
| NUMBER OF GATES                  | 2392000                                                                                                  |
| MOUNTING TYPE                    | Surface Mount                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |

Related Tags

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Related Products

|                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                 |
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|  <div><b>EP20K100TI144-3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: Out stock<br/>RFQ</div>                  |  <div><b>EP20K100TC144-3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 101 I/O 144TQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>EP20K100TC144-1N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 101 I/O 144TQFP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>EP20K1500CB652C9</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: Out stock<br/>RFQ</div>                 |
|  <div><b>EP20K1500CF33C7</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: Out stock<br/>RFQ</div>                  |  <div><b>EP20K100TC144-1X</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 101 I/O 144TQFP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>EP20K1500CB652C7ES</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: Out stock<br/>RFQ</div>               |  <div><b>EP20K100TC144-3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 101 I/O 144TQFP<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>EP20K1500CB652C8ES</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: Out stock<br/>RFQ</div>               |  <div><b>EP20K1500CB652C8</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: Out stock<br/>RFQ</div>                 |
|  <div><b>EP20K1500CF33C7ES</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: Out stock<br/>RFQ</div>                |  <div><b>EP20K100TC144-1</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 101 I/O 144TQFP<br/>In stock: Out stock<br/>RFQ</div>  |