



Altera (Intel® Programmable Solutions Group)



EP20K400BC652-2

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP20K400BC652-2                                                                                              |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                 |
| Product description | IC FPGA 502 I/O 652BGA                                                                                       |
|                     | <a href="#">1.EP20K400BC652-2.pdf</a>                                                                        |
|                     | <a href="#">2.EP20K400BC652-2.pdf</a>                                                                        |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

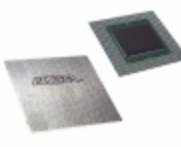
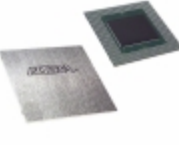
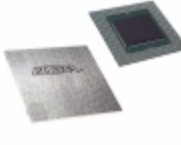
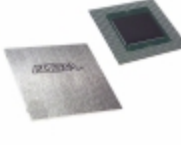
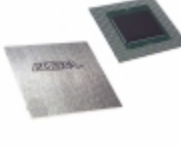
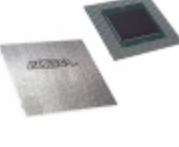
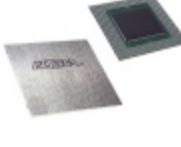
Specifications of EP20K400BC652-2

|                                  |                                                                                |
|----------------------------------|--------------------------------------------------------------------------------|
| PART NUMBER                      | EP20K400BC652-2                                                                |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                   |
| DESCRIPTION                      | IC FPGA 502 I/O 652BGA                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                     |
| DATA SHEET                       | <a href="#">1.EP20K400BC652-2.pdf</a><br><a href="#">2.EP20K400BC652-2.pdf</a> |
| VOLTAGE - SUPPLY                 | 2.375 V ~ 2.625 V                                                              |
| TOTAL RAM BITS                   | 212992                                                                         |
| SUPPLIER DEVICE PACKAGE          | 652-BGA (45x45)                                                                |
| SERIES                           | APEX-20K®                                                                      |
| PACKAGE / CASE                   | 652-BGA                                                                        |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 16640                                                                          |
| NUMBER OF LABS/CLBS              | 1664                                                                           |
| NUMBER OF I/O                    | 502                                                                            |
| NUMBER OF GATES                  | 1052000                                                                        |
| MOUNTING TYPE                    | Surface Mount                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                     |
| BASE PART NUMBER                 | EP20K400                                                                       |

Related Tags

|                                                                 |                                                       |                                                                     |
|-----------------------------------------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group)<br>EP20K400BC652-2 | EP20K400BC652-2 Distributor                           | EP20K400BC652-2 Supplier                                            |
| EP20K400BC652-2 Price                                           | EP20K400BC652-2 Pictures                              | EP20K400BC652-2 Image                                               |
| EP20K400BC652-2 PDF Datasheet                                   | EP20K400BC652-2 Download Datasheet                    | EP20K400BC652-2 Datasheet                                           |
| EP20K400BC652-2 Stock                                           | Buy EP20K400BC652-2                                   | Buy Altera (Intel® Programmable Solutions Group)<br>EP20K400BC652-2 |
| Altera (Intel® Programmable Solutions Group)<br>EP20K400BC652-2 | Altera (Intel® Programmable Solutions Group) Supplier | Altera (Intel® Programmable Solutions Group) Distributor            |
| Altera (Intel® Programmable Solutions Group)<br>EP20K400BC652-2 | Altera EP20K400BC652-2                                | Altera (Intel® Programmable Solutions Group)<br>EP20K400BC652-2     |

Related Products

|                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                |
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|  <div><b>EP20K30ETC144-2X</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 92 I/O 144TQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>EP20K400CB652C8</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 488 I/O 652BGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
|  <div><b>EP20K400BC652-1XV</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 92 I/O 652BGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>EP20K400CB652C7</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 488 I/O 652BGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
|  <div><b>EP20K30EXXC</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>                     |  <div><b>EP20K400BC652-1</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 488 I/O 652BGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
|  <div><b>EP20K400BC652-2AA</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>               |  <div><b>EP20K400BC652-3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 502 I/O 652BGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
|  <div><b>EP20K400BC652-2X</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 92 I/O 652BGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>EP20K400BI652-2V</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 502 I/O 652BGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>EP20K30ETC144-3</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 92 I/O 144TQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>                                  |  <div><b>EP20K30ETC144-3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 92 I/O 144TQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |