



Altera (Intel® Programmable Solutions Group)

Solutions Group)



EP20K200EBC652-2X

|                     |                                                                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP20K200EBC652-2X                                                                                                                                                   |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                        |
| Product description | IC FPGA 376 I/O 652BGA<br><a href="#">PDF</a> 1.EP20K200EBC652-2X.pdf<br><a href="#">PDF</a> 2.EP20K200EBC652-2X.pdf<br><a href="#">PDF</a> 3.EP20K200EBC652-2X.pdf |
| Datasheets:         |                                                                                                                                                                     |
| RoHs Status         |  Lead free / RoHS Compliant                                                        |
| Ship From           | Hong Kong                                                                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                               |

REQUEST FOR QUOTATION

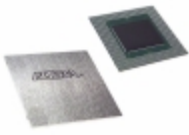
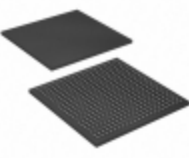
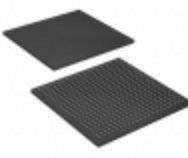
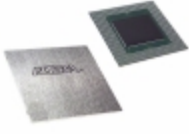
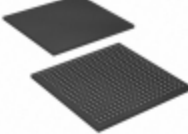
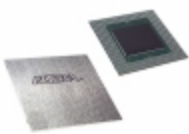
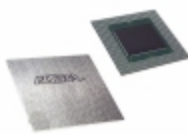
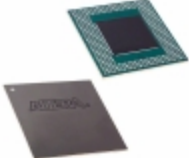
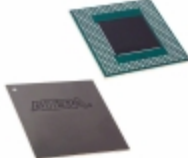
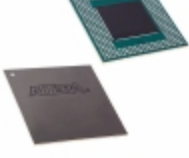
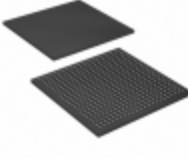
Specifications of EP20K200EBC652-2X

|                                  |                                                                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP20K200EBC652-2X                                                                                                                         |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                              |
| DESCRIPTION                      | IC FPGA 376 I/O 652BGA                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                |
| DATA SHEET                       | <a href="#">PDF</a> 1.EP20K200EBC652-2X.pdf<br><a href="#">PDF</a> 2.EP20K200EBC652-2X.pdf<br><a href="#">PDF</a> 3.EP20K200EBC652-2X.pdf |
| VOLTAGE - SUPPLY                 | 1.71 V ~ 1.89 V                                                                                                                           |
| TOTAL RAM BITS                   | 106496                                                                                                                                    |
| 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   | 8320                                                                                                                                      |
| NUMBER OF LABS/CLBS              | 832                                                                                                                                       |
| NUMBER OF I/O                    | 376                                                                                                                                       |
| NUMBER OF GATES                  | 526000                                                                                                                                    |
| MOUNTING TYPE                    | Surface Mount                                                                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                |
| BASE PART NUMBER                 | EP20K200                                                                                                                                  |

Related Tags

|                                                                   |                                                       |                                                                       |
|-------------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group)<br>EP20K200EBC652-2X | EP20K200EBC652-2X Distributor                         | EP20K200EBC652-2X Supplier                                            |
| EP20K200EBC652-2X Price                                           | EP20K200EBC652-2X Pictures                            | EP20K200EBC652-2X Image                                               |
| EP20K200EBC652-2X PDF Datasheet                                   | EP20K200EBC652-2X Download Datasheet                  | EP20K200EBC652-2X Datasheet                                           |
| EP20K200EBC652-2X Stock                                           | Buy EP20K200EBC652-2X                                 | Buy Altera (Intel® Programmable Solutions Group)<br>EP20K200EBC652-2X |
| Altera (Intel® Programmable Solutions Group)<br>EP20K200EBC652-2X | Altera (Intel® Programmable Solutions Group) Supplier | Altera (Intel® Programmable Solutions Group) Distributor              |
| Altera (Intel® Programmable Solutions Group)<br>EP20K200EBC652-2X | Altera EP20K200EBC652-2X                              | Altera (Intel® Programmable Solutions Group)<br>EP20K200EBC652-2X     |

Related Products

|                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                             |
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|  <div><b>EP20K200EBC652-3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 376 I/O 652BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>EP20K200EFC23-1XGA</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: Out stock<br/><div>RFQ</div></div>                |
|  <div><b>EP20K200EFC484-1</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 376 I/O 484FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>                                 |  <div><b>EP20K200EFC484-1X</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 376 I/O 484FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>                                 |
|  <div><b>EP20K200EBC652-1</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 376 I/O 652BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>EP20K200EFC484-1N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 376 I/O 484FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>EP20K200EBC652-1X</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 376 I/O 652BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>EP20K200EBC652-2</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 376 I/O 652BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>EP20K200EBC356-3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 376 I/O 356BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>EP20K200EBC356-2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 376 I/O 356BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>EP20K200EBC356-2X</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 376 I/O 356BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>EP20K200EF484C3NGZ</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: Out stock<br/><div>RFQ</div></div>                |