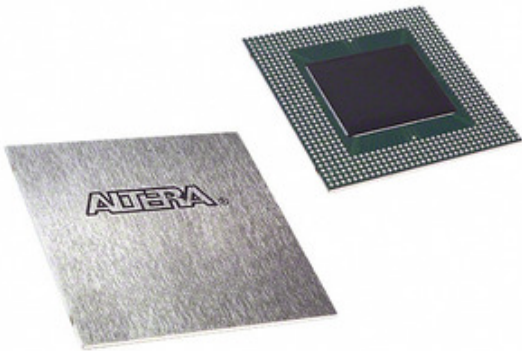




Altera (Intel® Programmable Solutions Group)



EP20K200EBC652-1

|                     |                                                                                                                                       |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP20K200EBC652-1                                                                                                                      |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                          |
| Product description | IC FPGA 376 I/O 652BGA <div>PDF1.EP20K200EBC652-1.pdf</div> <div>PDF2.EP20K200EBC652-1.pdf</div> <div>PDF3.EP20K200EBC652-1.pdf</div> |
| Datasheets:         |                                                                                                                                       |
| RoHs Status         | <div></div> Lead free / RoHS Compliant               |
| Stock Condition     | 6299 pcs stock                                                                                                                        |
| Ship From           | Hong Kong                                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                 |

REQUEST FOR QUOTATION

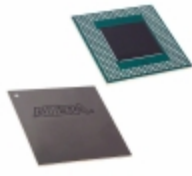
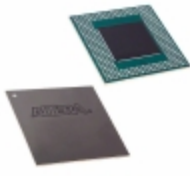
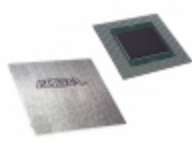
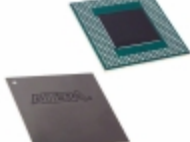
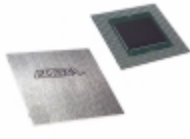
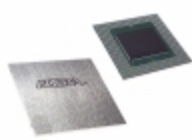
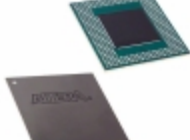
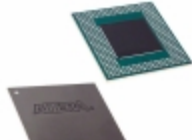
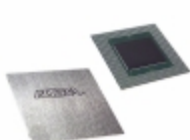
Specifications of EP20K200EBC652-1

|                                  |                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP20K200EBC652-1                                                                                                                                                                                                                                                                                                                                               |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                                   |
| DESCRIPTION                      | IC FPGA 376 I/O 652BGA                                                                                                                                                                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                     |
| QUANTITY AVAILABLE               | 6299 pcs                                                                                                                                                                                                                                                                                                                                                       |
| DATA SHEET                       | <div>1.EP20K200EBC652-1.pdf</div> <div>2.EP20K200EBC652-1.pdf</div> <div>3.EP20K200EBC652-1.pdf</div> |
| 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>EP20K200EBC652-1 | EP20K200EBC652-1 Distributor                          | EP20K200EBC652-1 Supplier                                            |
| EP20K200EBC652-1 Price                                           | EP20K200EBC652-1 Pictures                             | EP20K200EBC652-1 Image                                               |
| EP20K200EBC652-1 PDF Datasheet                                   | EP20K200EBC652-1 Download Datasheet                   | EP20K200EBC652-1 Datasheet                                           |
| EP20K200EBC652-1 Stock                                           | Buy EP20K200EBC652-1                                  | Buy Altera (Intel® Programmable Solutions Group)<br>EP20K200EBC652-1 |
| Altera (Intel® Programmable Solutions Group)<br>EP20K200EBC652-1 | Altera (Intel® Programmable Solutions Group) Supplier | Altera (Intel® Programmable Solutions Group) Distributor             |
| Altera (Intel® Programmable Solutions Group)<br>EP20K200EBC652-1 | Altera EP20K200EBC652-1                               | Altera (Intel® Programmable Solutions Group)<br>EP20K200EBC652-1     |

Related Products

|                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>EP20K200EBC356-1X</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 271 I/O 356BGA<br/>In stock: 6179 pcs</div> <div>RFQ</div> | <div></div> <div><b>EP20K200EBC356-2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 271 I/O 356BGA<br/>In stock: 3269 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>EP20K200EBC652-3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 376 I/O 652BGA<br/>In stock: 3839 pcs</div> <div>RFQ</div>  | <div></div> <div><b>EP20K200EBC356-1N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 271 I/O 356BGA<br/>In stock: 4738 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>EP20K200EFC23-1XGA</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: 4632 pcs</div> <div>RFQ</div>               | <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: 6090 pcs</div> <div>RFQ</div>  |
| <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: 4146 pcs</div> <div>RFQ</div> | <div></div> <div><b>EP20K200EBC356-2X</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 271 I/O 356BGA<br/>In stock: 2939 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>EP20K200EBC356-3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 271 I/O 356BGA<br/>In stock: 6849 pcs</div> <div>RFQ</div>  | <div></div> <div><b>EP20K200EBC652-2X</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 376 I/O 652BGA<br/>In stock: 6960 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>EP20K200EBC356-2</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 271 I/O 356BGA<br/>In stock: 4351 pcs</div> <div>RFQ</div>  | <div></div> <div><b>EP20K200EF484C3NGZ</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: 3384 pcs</div> <div>RFQ</div>               |