



Altera (Intel® Programmable

Solutions Group)

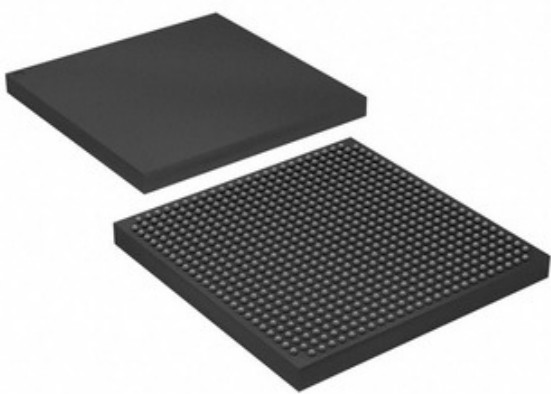


Image may be representation. See specifications for product details.

EP20K1000EFC672-3

|                     |                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP20K1000EFC672-3                                                                                                                                                                                                                                                                                                                                                                      |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                                                           |
| Product description | IC FPGA 508 I/O 672FBGA <div> 1.EP20K1000EFC672-3.pdf</div> <div> 2.EP20K1000EFC672-3.pdf</div> <div> 3.EP20K1000EFC672-3.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                        |
| RoHS Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                                                           |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                  |

REQUEST FOR QUOTATION

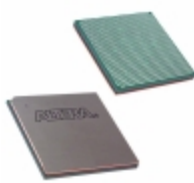
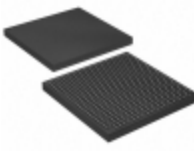
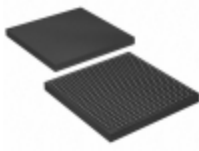
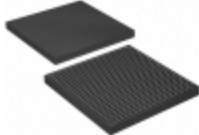
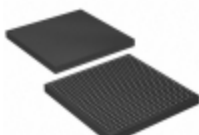
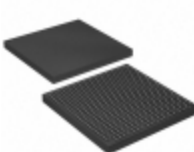
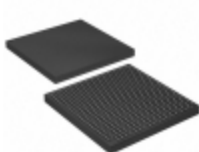
Specifications of EP20K1000EFC672-3

|                                  |                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP20K1000EFC672-3                                                                                                                                                                                                                                                                                                                                                    |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                                         |
| DESCRIPTION                      | IC FPGA 508 I/O 672FBGA                                                                                                                                                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                           |
| DATA SHEET                       | <div> 1.EP20K1000EFC672-3.pdf</div> <div> 2.EP20K1000EFC672-3.pdf</div> <div> 3.EP20K1000EFC672-3.pdf</div> |
| VOLTAGE - SUPPLY                 | 1.71 V ~ 1.89 V                                                                                                                                                                                                                                                                                                                                                      |
| TOTAL RAM BITS                   | 327680                                                                                                                                                                                                                                                                                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 672-FBGA (27x27)                                                                                                                                                                                                                                                                                                                                                     |
| SERIES                           | APEX-20KE®                                                                                                                                                                                                                                                                                                                                                           |
| PACKAGE / CASE                   | 672-BBGA                                                                                                                                                                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                                                                                                                      |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 38400                                                                                                                                                                                                                                                                                                                                                                |
| NUMBER OF LABS/CLBS              | 3840                                                                                                                                                                                                                                                                                                                                                                 |
| NUMBER OF I/O                    | 508                                                                                                                                                                                                                                                                                                                                                                  |
| NUMBER OF GATES                  | 1772000                                                                                                                                                                                                                                                                                                                                                              |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                           |
| BASE PART NUMBER                 | EP20K1000                                                                                                                                                                                                                                                                                                                                                            |

Related Tags

|                                                                   |                                                       |                                                                       |
|-------------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group)<br>EP20K1000EFC672-3 | EP20K1000EFC672-3 Distributor                         | EP20K1000EFC672-3 Supplier                                            |
| EP20K1000EFC672-3 Price                                           | EP20K1000EFC672-3 Pictures                            | EP20K1000EFC672-3 Image                                               |
| EP20K1000EFC672-3 PDF Datasheet                                   | EP20K1000EFC672-3 Download Datasheet                  | EP20K1000EFC672-3 Datasheet                                           |
| EP20K1000EFC672-3 Stock                                           | Buy EP20K1000EFC672-3                                 | Buy Altera (Intel® Programmable Solutions Group)<br>EP20K1000EFC672-3 |
| Altera (Intel® Programmable Solutions Group)<br>EP20K1000EFC672-3 | Altera (Intel® Programmable Solutions Group) Supplier | Altera (Intel® Programmable Solutions Group) Distributor              |
| Altera (Intel® Programmable Solutions Group)<br>EP20K1000EFC672-3 | Altera EP20K1000EFC672-3                              | Altera (Intel® Programmable Solutions Group)<br>EP20K1000EFC672-3     |

Related Products

|                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                          |
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|  <div><b>EP20K1000EFC33-3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 708 I/O 1020FBGA<br/>In stock: Out stock</div> <div>RFQ</div>  |  <div><b>EP20K1000EFC784-2</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: Out stock</div> <div>RFQ</div>                  |
|  <div><b>EP20K1000EGC984-2</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: Out stock</div> <div>RFQ</div>                  |  <div><b>EP20K1000EFC784-1</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: Out stock</div> <div>RFQ</div>                  |
|  <div><b>EP20K1000EFC672-2</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 708 I/O 1020FBGA<br/>In stock: Out stock</div> <div>RFQ</div> |  <div><b>EP20K1000EFI672-2X</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 508 I/O 672FBGA<br/>In stock: Out stock</div> <div>RFQ</div> |
|  <div><b>EP20K1000EGC984-1</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: Out stock</div> <div>RFQ</div>                  |  <div><b>EP20K1000EFC672-1</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 508 I/O 672FBGA<br/>In stock: Out stock</div> <div>RFQ</div>  |
|  <div><b>EP20K1000EFC784-3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: Out stock</div> <div>RFQ</div>                  |  <div><b>EP20K1000EFC672-2X</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 508 I/O 672FBGA<br/>In stock: Out stock</div> <div>RFQ</div> |
|  <div><b>EP20K1000EFC672-1X</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 508 I/O 672FBGA<br/>In stock: Out stock</div> <div>RFQ</div> |  <div><b>EP20K1000EFC672-2B</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: Out stock</div> <div>RFQ</div>                 |