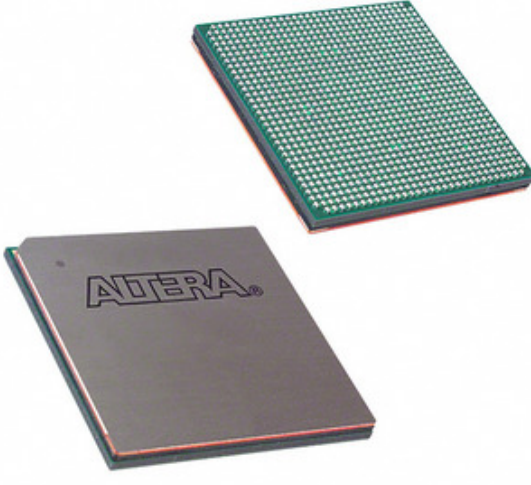




Altera (Intel® Programmable

Solutions Group)



EP20K600EFC33-1

|                     |                                                                                                                                                     |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP20K600EFC33-1                                                                                                                                     |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                        |
| Product description | IC FPGA 588 I/O 1020FBGA<br><a href="#">1.EP20K600EFC33-1.pdf</a><br><a href="#">2.EP20K600EFC33-1.pdf</a><br><a href="#">3.EP20K600EFC33-1.pdf</a> |
| Datasheets:         |                                                                                                                                                     |
| RoHs Status         |  Lead free / RoHS Compliant                                        |
| Ship From           | Hong Kong                                                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                               |

REQUEST FOR QUOTATION

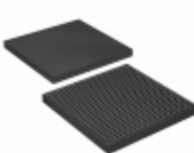
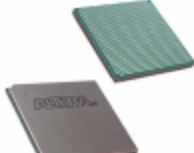
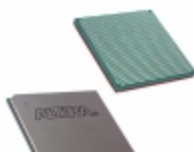
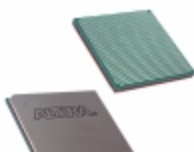
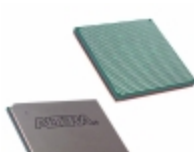
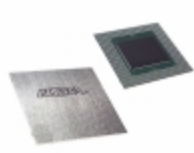
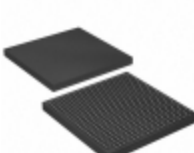
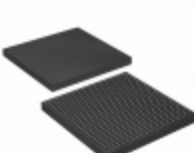
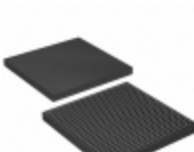
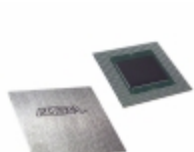
Specifications of EP20K600EFC33-1

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP20K600EFC33-1                                                                                                         |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                            |
| DESCRIPTION                      | IC FPGA 588 I/O 1020FBGA                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| DATA SHEET                       | <a href="#">1.EP20K600EFC33-1.pdf</a><br><a href="#">2.EP20K600EFC33-1.pdf</a><br><a href="#">3.EP20K600EFC33-1.pdf</a> |
| VOLTAGE - SUPPLY                 | 1.71 V ~ 1.89 V                                                                                                         |
| TOTAL RAM BITS                   | 311296                                                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 1020-FBGA (33x33)                                                                                                       |
| SERIES                           | APEX-20KE®                                                                                                              |
| PACKAGE / CASE                   | 1020-BBGA                                                                                                               |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                         |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 24320                                                                                                                   |
| NUMBER OF LABS/CLBS              | 2432                                                                                                                    |
| NUMBER OF I/O                    | 588                                                                                                                     |
| NUMBER OF GATES                  | 1537000                                                                                                                 |
| MOUNTING TYPE                    | Surface Mount                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| BASE PART NUMBER                 | EP20K600                                                                                                                |

Related Tags

|                                                                 |                                                       |                                                                     |
|-----------------------------------------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group)<br>EP20K600EFC33-1 | EP20K600EFC33-1 Distributor                           | EP20K600EFC33-1 Supplier                                            |
| EP20K600EFC33-1 Price                                           | EP20K600EFC33-1 Pictures                              | EP20K600EFC33-1 Image                                               |
| EP20K600EFC33-1 PDF Datasheet                                   | EP20K600EFC33-1 Download Datasheet                    | EP20K600EFC33-1 Datasheet                                           |
| EP20K600EFC33-1 Stock                                           | Buy EP20K600EFC33-1                                   | Buy Altera (Intel® Programmable Solutions Group)<br>EP20K600EFC33-1 |
| Altera (Intel® Programmable Solutions Group)<br>EP20K600EFC33-1 | Altera (Intel® Programmable Solutions Group) Supplier | Altera (Intel® Programmable Solutions Group) Distributor            |
| Altera (Intel® Programmable Solutions Group)<br>EP20K600EFC33-1 | Altera EP20K600EFC33-1                                | Altera (Intel® Programmable Solutions Group)<br>EP20K600EFC33-1     |

Related Products

|                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>EP20K600EFC672-1</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 588 I/O 672FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>  |  <div><b>EP20K600EFC33-3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 588 I/O 1020FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
|  <div><b>EP20K600EFC33-2X</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 588 I/O 1020FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>EP20K600EFC33-1X</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 588 I/O 1020FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>EP20K600EFC33-2</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 588 I/O 1020FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div>  |  <div><b>EP20K600EFC1020-2X</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: Out stock<br/><b>RFQ</b></div>                |
|  <div><b>EP20K600EBC652-3</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 488 I/O 652BGA<br/>In stock: Out stock<br/><b>RFQ</b></div>                                   |  <div><b>EP20K600EFC1020-1X</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: Out stock<br/><b>RFQ</b></div>                |
|  <div><b>EP20K600EF672C1XGZ</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: Out stock<br/><b>RFQ</b></div>                |  <div><b>EP20K600EFC672-1N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 588 I/O 672FBGA<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>EP20K600EF672C1NGZ</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: Out stock<br/><b>RFQ</b></div>                |  <div><b>EP20K600EBI652-2X</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 488 I/O 652BGA<br/>In stock: Out stock<br/><b>RFQ</b></div>  |