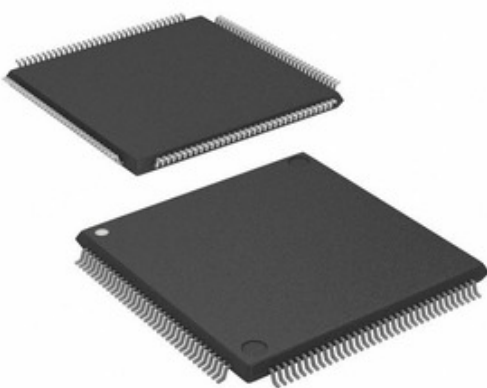




Altera (Intel® Programmable Solutions Group)





EP20K100TC144-1N

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP20K100TC144-1N                                                                                             |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                 |
| Product description | IC FPGA 101 I/O 144TQFP                                                                                      |
|                     | <a href="#">1.EP20K100TC144-1N.pdf</a>                                                                       |
|                     | <a href="#">2.EP20K100TC144-1N.pdf</a>                                                                       |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

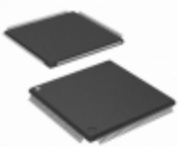
Specifications of EP20K100TC144-1N

|                                  |                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------|
| PART NUMBER                      | EP20K100TC144-1N                                                                 |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                     |
| DESCRIPTION                      | IC FPGA 101 I/O 144TQFP                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                       |
| DATA SHEET                       | <a href="#">1.EP20K100TC144-1N.pdf</a><br><a href="#">2.EP20K100TC144-1N.pdf</a> |
| VOLTAGE - SUPPLY                 | 2.375 V ~ 2.625 V                                                                |
| TOTAL RAM BITS                   | 53248                                                                            |
| SUPPLIER DEVICE PACKAGE          | 144-TQFP (20x20)                                                                 |
| SERIES                           | APEX-20K®                                                                        |
| PACKAGE / CASE                   | 144-LQFP                                                                         |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                  |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 4160                                                                             |
| NUMBER OF LABS/CLBS              | 416                                                                              |
| NUMBER OF I/O                    | 101                                                                              |
| NUMBER OF GATES                  | 263000                                                                           |
| MOUNTING TYPE                    | Surface Mount                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                       |
| BASE PART NUMBER                 | EP20K100                                                                         |

Related Tags

|                                                               |                                                       |                                                                   |
|---------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) EP20K100TC144-1N | EP20K100TC144-1N Distributor                          | EP20K100TC144-1N Supplier                                         |
| EP20K100TC144-1N Price                                        | EP20K100TC144-1N Pictures                             | EP20K100TC144-1N Image                                            |
| EP20K100TC144-1N PDF Datasheet                                | EP20K100TC144-1N Download Datasheet                   | EP20K100TC144-1N Datasheet                                        |
| EP20K100TC144-1N Stock                                        | Buy EP20K100TC144-1N                                  | Buy Altera (Intel® Programmable Solutions Group) EP20K100TC144-1N |
| Altera (Intel® Programmable Solutions Group) EP20K100TC144-1N | Altera (Intel® Programmable Solutions Group) Supplier | Altera (Intel® Programmable Solutions Group) Distributor          |
| Altera (Intel® Programmable Solutions Group) EP20K100TC144-1N | Altera EP20K100TC144-1N                               | Altera (Intel® Programmable Solutions Group) EP20K100TC144-1N     |

Related Products

|                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>EP20K100TC144-3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 101 I/O 144TQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>EP20K100QC240-3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 189 I/O 240QFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>EP20K100TC144-1X</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 101 I/O 144TQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>EP20K100QI240-2</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 189 I/O 240QFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
|  <div><b>EP20K100TC144-1</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 101 I/O 144TQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>EP20K100QC240-3V</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 189 I/O 240QFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>                                 |
|  <div><b>EP20K100QI208-2</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 159 I/O 208QFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>   |  <div><b>EP20K100TC144-3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 101 I/O 144TQFP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>EP20K1500CB652C7ES</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>EP20K1500CB652C7</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>EP20K100TI144-3</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>EP20K100QI240-3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>                 |