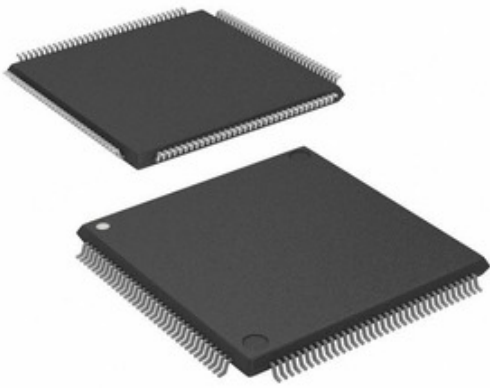




Altera (Intel® Programmable Solutions Group)



EPF10K20TC144-4N

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | EPF10K20TC144-4N                                                                                             |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                 |
| Product description | IC FPGA 102 I/O 144TQFP <div>PDF1.EPF10K20TC144-4N.pdf</div> <div>PDF2.EPF10K20TC144-4N.pdf</div>            |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

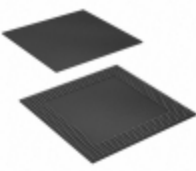
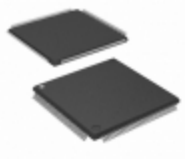
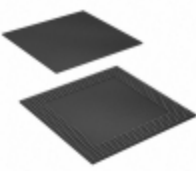
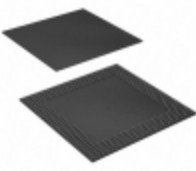
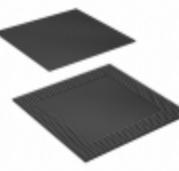
Specifications of EPF10K20TC144-4N

|                                  |                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EPF10K20TC144-4N                                                                                |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                    |
| DESCRIPTION                      | IC FPGA 102 I/O 144TQFP                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                      |
| DATA SHEET                       | <div><div>PDF</div>1.EPF10K20TC144-4N.pdf</div> <div><div>PDF</div>2.EPF10K20TC144-4N.pdf</div> |
| VOLTAGE - SUPPLY                 | 4.75 V ~ 5.25 V                                                                                 |
| TOTAL RAM BITS                   | 12288                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 144-TQFP (20x20)                                                                                |
| SERIES                           | FLEX-10K®                                                                                       |
| PACKAGE / CASE                   | 144-LQFP                                                                                        |
| OTHER NAMES                      | 544-2219                                                                                        |
| OPERATING TEMPERATURE            | 0°C ~ 70°C (TA)                                                                                 |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 1152                                                                                            |
| NUMBER OF LABS/CLBS              | 144                                                                                             |
| NUMBER OF I/O                    | 102                                                                                             |
| NUMBER OF GATES                  | 63000                                                                                           |
| MOUNTING TYPE                    | Surface Mount                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                      |
| BASE PART NUMBER                 | EPF10K20                                                                                        |

Related Tags

|                                                               |                                                       |                                                                   |
|---------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) EPF10K20TC144-4N | EPF10K20TC144-4N Distributor                          | EPF10K20TC144-4N Supplier                                         |
| EPF10K20TC144-4N Price                                        | EPF10K20TC144-4N Pictures                             | EPF10K20TC144-4N Image                                            |
| EPF10K20TC144-4N PDF Datasheet                                | EPF10K20TC144-4N Download Datasheet                   | EPF10K20TC144-4N Datasheet                                        |
| EPF10K20TC144-4N Stock                                        | Buy EPF10K20TC144-4N                                  | Buy Altera (Intel® Programmable Solutions Group) EPF10K20TC144-4N |
| Altera (Intel® Programmable Solutions Group) EPF10K20TC144-4N | Altera (Intel® Programmable Solutions Group) Supplier | Altera (Intel® Programmable Solutions Group) Distributor          |
| Altera (Intel® Programmable Solutions Group) EPF10K20TC144-4N | Altera EPF10K20TC144-4N                               | Altera (Intel® Programmable Solutions Group) EPF10K20TC144-4N     |

Related Products

|                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>EPF10K20TI144-4</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 102 I/O 144TQFP<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>EPF10K20RI240-4</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 189 I/O 240RQFP<br/>In stock: Out stock</div> <div>RFQ</div>  |
| <div></div> <div><b>EPF10K20RI208-4N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 147 I/O 208RQFP<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>EPF10K20TI144-4N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 102 I/O 144TQFP<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>EPF10K250EBC600-2</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: Out stock</div> <div>RFQ</div>                | <div></div> <div><b>EPF10K20TC144-3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 102 I/O 144TQFP<br/>In stock: 1 pcs</div> <div>RFQ</div>      |
| <div></div> <div><b>EPF10K20TC144-4</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 102 I/O 144TQFP<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>EPF10K20RI240-4N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 189 I/O 240RQFP<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>EPF10K250EBC600-3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: Out stock</div> <div>RFQ</div>                | <div></div> <div><b>EPF10K20TC144-3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 102 I/O 144TQFP<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>EPF10K250EBI600-3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: Out stock</div> <div>RFQ</div>                | <div></div> <div><b>EPF10K250EBC600-1</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: Out stock</div> <div>RFQ</div>                |