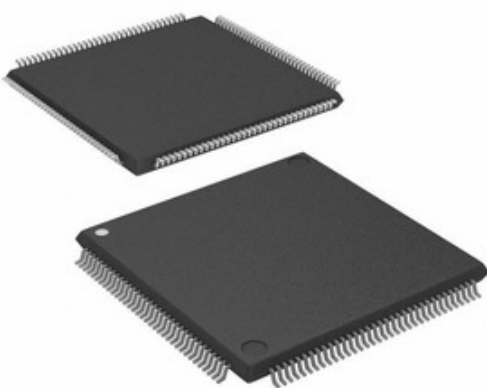




Altera (Intel® Programmable Solutions Group)





EPF10K50STC144-1X

|                     |                                                                                                                                                                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EPF10K50STC144-1X                                                                                                                                                                                                                                 |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                      |
| Product description | IC FPGA 102 I/O 144TQFP<br> 1.EPF10K50STC144-1X.pdf<br> 2.EPF10K50STC144-1X.pdf |
| Datasheets:         |  2.EPF10K50STC144-1X.pdf                                                                                                                                         |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                      |
| Ship From           | Hong Kong                                                                                                                                                                                                                                         |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                             |

REQUEST FOR QUOTATION

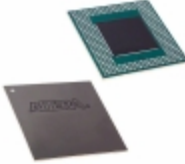
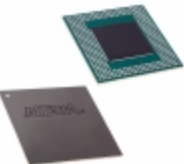
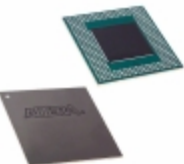
Specifications of EPF10K50STC144-1X

|                                  |                                                                                                                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EPF10K50STC144-1X                                                                                                                                                                                                          |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                               |
| DESCRIPTION                      | IC FPGA 102 I/O 144TQFP                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                 |
| DATA SHEET                       |  1.EPF10K50STC144-1X.pdf<br> 2.EPF10K50STC144-1X.pdf |
| VOLTAGE - SUPPLY                 | 2.375 V ~ 2.625 V                                                                                                                                                                                                          |
| TOTAL RAM BITS                   | 40960                                                                                                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 144-TQFP (20x20)                                                                                                                                                                                                           |
| SERIES                           | FLEX-10KS®                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 144-LQFP                                                                                                                                                                                                                   |
| OPERATING TEMPERATURE            | 0°C ~ 70°C (TA)                                                                                                                                                                                                            |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 2880                                                                                                                                                                                                                       |
| NUMBER OF LABS/CLBS              | 360                                                                                                                                                                                                                        |
| NUMBER OF I/O                    | 102                                                                                                                                                                                                                        |
| NUMBER OF GATES                  | 199000                                                                                                                                                                                                                     |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                 |
| BASE PART NUMBER                 | EPF10K50                                                                                                                                                                                                                   |

Related Tags

|                                                                   |                                                       |                                                                       |
|-------------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group)<br>EPF10K50STC144-1X | EPF10K50STC144-1X Distributor                         | EPF10K50STC144-1X Supplier                                            |
| EPF10K50STC144-1X Price                                           | EPF10K50STC144-1X Pictures                            | EPF10K50STC144-1X Image                                               |
| EPF10K50STC144-1X PDF Datasheet                                   | EPF10K50STC144-1X Download Datasheet                  | EPF10K50STC144-1X Datasheet                                           |
| EPF10K50STC144-1X Stock                                           | Buy EPF10K50STC144-1X                                 | Buy Altera (Intel® Programmable Solutions Group)<br>EPF10K50STC144-1X |
| Altera (Intel® Programmable Solutions Group)<br>EPF10K50STC144-1X | Altera (Intel® Programmable Solutions Group) Supplier | Altera (Intel® Programmable Solutions Group) Distributor              |
| Altera (Intel® Programmable Solutions Group)<br>EPF10K50STC144-1X | Altera EPF10K50STC144-1X                              | Altera (Intel® Programmable Solutions Group)<br>EPF10K50STC144-1X     |

Related Products

|                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>EPF10K50STC144-3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 102 I/O 144TQFP<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>EPF10K50VBC356-1N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 274 I/O 356BGA<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
|  <div><b>EPF10K50STC144-1</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 102 I/O 144TQFP<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>EPF10K50SQC240-2</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 189 I/O 240QFP<br/>In stock: Out stock<br/><b>RFQ</b></div>   |
|  <div><b>EPF10K50SQC240-3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 189 I/O 240QFP<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>EPF10K50SQC240-2N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 189 I/O 240QFP<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
|  <div><b>EPF10K50VBC356-2</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 274 I/O 356BGA<br/>In stock: Out stock<br/><b>RFQ</b></div>  |  <div><b>EPF10K50STC144-2X</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 102 I/O 144TQFP<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>EPF10K50STC144-2</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 189 I/O 144TQFP<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>EPF10K50SQC240-2X</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 189 I/O 240QFP<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
|  <div><b>EPF10K50VBC356-1</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 274 I/O 356BGA<br/>In stock: Out stock<br/><b>RFQ</b></div>  |  <div><b>EPF10K50SQC240-3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 189 I/O 240QFP<br/>In stock: Out stock<br/><b>RFQ</b></div>   |