

EPF10K50ETI144-3



Part Number: [EPF10K50ETI144-3](#)

Manufacturer: [Altera \(Intel® Programmable Solutions Group\)](#)

Description: IC FPGA

Data sheet:  [FLEX 10KE](#)

RoHs Status: Lead free / RoHS Compliant

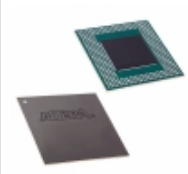
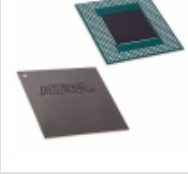
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                           |                                |                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|--------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | EPF10K50ETI144-3                          | Manufacturer                   | <a href="#">Altera (Intel® Programmable Solutions Group)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC FPGA                                   | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 4706 pcs                                  | Data sheet                     | <a href="#">FLEX 10KE</a>                                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply               | 2.3 V ~ 2.7 V                                                |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 40960                                     | Supplier Device Package        | 144-TQFP (20x20)                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | FLEX-10KE®                                | Package / Case                 | 144-LQFP                                                     |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -40°C ~ 85°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                                   |
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| RELATED PRODUCTS                                                                   |                                                                                  |                                                                             |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">EPF10K50SBC356-1</a><br>Description: IC FPGA 220 I/O 356BGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50EQI240-2N</a><br>Description: IC FPGA 189 I/O 240QFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50RC240-4</a><br>Description: IC FPGA 189 I/O 240RQFP   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50SBC356-2</a><br>Description: IC FPGA 220 I/O 356BGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50ETC144-2</a><br>Description: IC FPGA 102 I/O 144TQFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50ETC144-3N</a><br>Description: IC FPGA 102 I/O 144TQFP | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50SBC356-2X</a><br>Description: IC FPGA 220 I/O 356BGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50RC240-3N</a><br>Description: IC FPGA 189 I/O 240RQFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50SBC356-1X</a><br>Description: IC FPGA 220 I/O 356BGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50EQI208-3</a><br>Description: IC FPGA                  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50ETI144-2N</a><br>Description: IC FPGA 102 I/O 144TQFP | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50EQI240-2</a><br>Description: IC FPGA 189 I/O 240QFP   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50ETI144-2</a><br>Description: IC FPGA 102 I/O 144TQFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50RC240-4N</a><br>Description: IC FPGA 189 I/O 240RQFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50RI240-4N</a><br>Description: IC FPGA 189 I/O 240RQFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50ETC144-3</a><br>Description: IC FPGA 102 I/O 144TQFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50RI240-4</a><br>Description: IC FPGA 189 I/O 240RQFP   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50ETC144-1</a><br>Description: IC FPGA 102 I/O 144TQFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50ETC144-2N</a><br>Description: IC FPGA                 | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF10K50RC240-3</a><br>Description: IC FPGA 189 I/O 240RQFP   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |

|                                              |                                              |                            |                                              |
|----------------------------------------------|----------------------------------------------|----------------------------|----------------------------------------------|
| Related keywords for EPF10K50ETI144-3        |                                              |                            |                                              |
| Altera (Intel® Programmable Solutions Group) | EPF10K50ETI144-3 distributor                 | EPF10K50ETI144-3 supplier  | EPF10K50ETI144-3 price                       |
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