

EPF10K10ATC144-2



**Part Number:** [EPF10K10ATC144-2](#)

**Manufacturer:** [Intel® FPGAs](#)

**Description:** IC FPGA 102 I/O 144TQFP

**Data sheet:**  [FLEX 10K](#)  
 [144-TQFP Pkg Info](#)

**RoHS Status:** Contains lead / RoHS non-compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                           |                                |                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                           | EPF10K10ATC144-2                          | Manufacturer                   | <a href="#">Intel® FPGAs</a>                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC FPGA 102 I/O 144TQFP                   | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                    | 4331 pcs                                  | Data sheet                     | <a href="#">FLEX 10K</a><br><a href="#">144-TQFP Pkg Info</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply               | 3 V ~ 3.6 V                                                   |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                        | 6144                                      | Supplier Device Package        | 144-TQFP (20x20)                                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                | FLEX-10KA®                                | Package / Case                 | 144-LQFP                                                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0°C ~ 70°C (TA)                           | Number of Logic Elements/Cells | 576                                                           |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                                   | 72                                        | Number of I/O                  | 102                                                           |
| Number of Gates                                                                                                                                                                                                                                                                                                                                                                                                                                       | 31000                                     | Mounting Type                  | Surface Mount                                                 |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                      | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                            |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                      | EPF10K10                                  |                                |                                                               |
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|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">EPF10K10ATC144-3N</a><br>Description: IC FPGA 102 I/O 144TQFP | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K10ATC144-1N</a><br>Description: IC FPGA 102 I/O 144TQFP | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K10ATC144-2N</a><br>Description: IC FPGA 102 I/O 144TQFP | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K10ATC144-1</a><br>Description: IC FPGA 102 I/O 144TQFP  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K10ATC100-1</a><br>Description: IC FPGA 66 I/O 100TQFP   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K10AQC208-3N</a><br>Description: IC FPGA 134 I/O 208QFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K10ATC100-3</a><br>Description: IC FPGA 66 I/O 100TQFP   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K10ATC100-3N</a><br>Description: IC FPGA 66 I/O 100TQFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K10QC208-3N</a><br>Description: IC FPGA 134 I/O 208QFP   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K10AQC208-2</a><br>Description: IC FPGA 134 I/O 208QFP   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K10AT1144-3N</a><br>Description: IC FPGA 102 I/O 144TQFP | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K10AQI208-3</a><br>Description: IC FPGA 134 I/O 208QFP   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K10AT1144-3</a><br>Description: IC FPGA 102 I/O 144TQFP  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K10LC84-3</a><br>Description: IC FPGA 59 I/O 84PLCC      | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K10ATC100-2</a><br>Description: IC FPGA 66 I/O 100TQFP   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K10QC208-3</a><br>Description: IC FPGA 134 I/O 208QFP    | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K10AQC208-3</a><br>Description: IC FPGA 134 I/O 208QFP   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K10LC84-4</a><br>Description: IC FPGA 59 I/O 84PLCC      | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K10LC84-4N</a><br>Description: IC FPGA 59 I/O 84PLCC     | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K10ATC144-3</a><br>Description: IC FPGA 102 I/O 144TQFP  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |

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