

EPF6016T1144-2N



Part Number: [EPF6016T1144-2N](#)

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

Description: IC FPGA 117 I/O 144TQFP

Data sheet:  [144-TQFP Pkg Info](#)  
 [FLEX 6000 Device Family Data Sheet](#)

RoHS Status: Lead free / RoHS Compliant

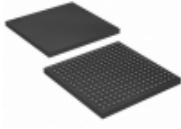
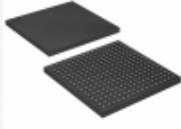
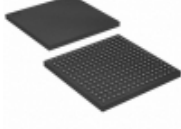
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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                           |                                  |                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | EPF6016T1144-2N                           | Manufacturer                     | <a href="#">Altera (Intel® Programmable Solutions Group)</a>                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC FPGA 117 I/O 144TQFP                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4368 pcs                                  | Data sheet                       | <a href="#">144-TQFP Pkg Info</a><br><a href="#">FLEX 6000 Device Family Data Sheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 4.5 V ~ 5.5 V                                                                           |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 144-TQFP (20x20)                          | Series                           | FLEX 6000                                                                               |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 144-LQFP                                  | Operating Temperature            | -40°C ~ 100°C (TJ)                                                                      |
| Number of Logic Elements/Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1320                                      | Number of LABs/CLBs              | 132                                                                                     |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 117                                       | Number of Gates                  | 16000                                                                                   |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                           |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Lead free / RoHS Compliant                | Base Part Number                 | EPF6016                                                                                 |
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| RELATED PRODUCTS                                                                   |                                                                                |                                                                             |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">EPF6024ABC256-2N</a><br>Description: IC FPGA 218 I/O 256BGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF6024ABC256-2</a><br>Description: IC FPGA 218 I/O 256BGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF6016TC144-2</a><br>Description: IC FPGA 117 I/O 144TQFP  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">EPF6016TC144-2N</a><br>Description: IC FPGA 117 I/O 144TQFP | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF6016TC144-3N</a><br>Description: IC FPGA 117 I/O 144TQFP | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF6016QC240-3N</a><br>Description: IC FPGA 199 I/O 240QFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF6024AFC256-1</a><br>Description: IC FPGA 219 I/O 256FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF6024AFC256-2</a><br>Description: IC FPGA 219 I/O 256FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF6016T1144-2</a><br>Description: IC FPGA 117 I/O 144TQFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF6016T1144-3</a><br>Description: IC FPGA 117 I/O 144TQFP  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">EPF6024AFC256-3</a><br>Description: IC FPGA 219 I/O 256FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF6016QC240-3</a><br>Description: IC FPGA 199 I/O 240QFP   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF6016QI208-3</a><br>Description: IC FPGA 171 I/O 208QFP   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF6024ABC256-1</a><br>Description: IC FPGA 218 I/O 256BGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF6024ABI256-2</a><br>Description: IC FPGA 218 I/O 256BGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF6016QI240-3</a><br>Description: IC FPGA                  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF6016QI208-3N</a><br>Description: IC FPGA 171 I/O 208QFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF6024ABC256-3</a><br>Description: IC FPGA 218 I/O 256BGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF6016T1144-3N</a><br>Description: IC FPGA 117 I/O 144TQFP | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EPF6016TC144-3</a><br>Description: IC FPGA 117 I/O 144TQFP  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |

| Related keywords for EPF6016T1144-2N         |                                              |                           |                                              |
|----------------------------------------------|----------------------------------------------|---------------------------|----------------------------------------------|
| Altera (Intel® Programmable Solutions Group) | EPF6016T1144-2N distributor                  | EPF6016T1144-2N supplier  | EPF6016T1144-2N price                        |
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