

EPF10K50EQC240-3





**Part Number:** [EPF10K50EQC240-3](#)

**Manufacturer:** [Intel® FPGAs](#)

**Description:** IC FPGA 189 I/O 240QFP

**Data sheet:**  [240-PQFP Pkg Info](#)  
 [FLEX 10KE Device Data Sheet](#)

**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                                                                                                                                                                                                                                                                                                                                                                                                                                           | EPF10K50EQC240-3                          | Manufacturer                     | <a href="#">Intel® FPGAs</a>                                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC FPGA 189 I/O 240QFP                    | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                    | 4456 pcs                                  | Data sheet                       | <a href="#">240-PQFP Pkg Info</a><br><a href="#">FLEX 10KE Device Data Sheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 2.3 V ~ 2.7 V                                                                    |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                        | 40960                                     | Supplier Device Package          | 240-PQFP (32x32)                                                                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                | FLEX-10KE®                                | Package / Case                   | 240-BQFP                                                                         |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                           | 544-1270                                  | Operating Temperature            | 0°C ~ 70°C (TA)                                                                  |
| Number of Logic Elements/Cells                                                                                                                                                                                                                                                                                                                                                                                                                        | 2880                                      | Number of LABs/CLBs              | 360                                                                              |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                         | 189                                       | Number of Gates                  | 199000                                                                           |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                         | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                    |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                        | Contains lead / RoHS non-compliant        | Base Part Number                 | EPF10K50                                                                         |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Intel® FPGAs series electronic components. We have 4456 pieces of Intel® FPGAs EPF10K50EQC240-3 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                  |                                                                                  |

| RELATED PRODUCTS                                                                   |                                                                                  |                                                                             |                     |
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|  | Part#: <a href="#">EPF10K50EQC240-2AA</a><br>Description: IC FPGA                | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K50EQC208-1N</a><br>Description: IC FPGA 147 I/O 208QFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K50ETC144-3</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="#">EPF10K50EQI240-2N</a><br>Description: IC FPGA 189 I/O 240QFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K50EQC208-2N</a><br>Description: IC FPGA 147 I/O 208QFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K50EQI240-2</a><br>Description: IC FPGA 189 I/O 240QFP   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K50EQI208-3</a><br>Description: IC FPGA                  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K50EQC208-3N</a><br>Description: IC FPGA 147 I/O 208QFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K50ETC144-2N</a><br>Description: IC FPGA                 | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K50ETC144-2</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="#">EPF10K50EQC240-1N</a><br>Description: IC FPGA 189 I/O 240QFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K50EQC240-2</a><br>Description: IC FPGA 189 I/O 240QFP   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K50ETI144-2</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="#">EPF10K50ETC144-1</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="#">EPF10K50EQC208-3</a><br>Description: IC FPGA 147 I/O 208QFP   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K50ETC144-3N</a><br>Description: IC FPGA 102 I/O 144TQFP | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">EPF10K50EQC240-1</a><br>Description: IC FPGA 189 I/O 240QFP   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EPF10K50EQC240-2N</a><br>Description: IC FPGA 189 I/O 240QFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |

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