

EP20K100EQC240-3



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Part Number:

EP20K100EQC240-3

Manufacturer

Intel® FPGAs

Description

IC FPGA 183 I/O 240QFP

Data sheet:

 [APEX 20K Family Datasheet](#)

 [240-PQFP Pkg Info](#)

 [Virtual JTAG Megafuntion User Guide](#)

RoHs Status:

Contains lead / RoHS non-compliant

Ship From:

Hong Kong

Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                           |                                  |                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                           | EP20K100EQC240-3                          | Manufacturer                     | <a href="#">Intel® FPGAs</a>                                                                                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC FPGA 183 I/O 240QFP                    | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                                                                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                    | 5149 pcs                                  | Data sheet                       | <a href="#">APEX 20K Family Datasheet</a><br><a href="#">240-PQFP Pkg Info</a><br><a href="#">Virtual JTAG Megafuntion User Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 1.71 V ~ 1.89 V                                                                                                                       |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                        | 53248                                     | Supplier Device Package          | 240-PQFP (32x32)                                                                                                                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                | APEX-20KE®                                | Package / Case                   | 240-BQFP                                                                                                                              |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                           | 544-1093                                  | Operating Temperature            | 0°C ~ 85°C (TJ)                                                                                                                       |
| Number of Logic Elements/Cells                                                                                                                                                                                                                                                                                                                                                                                                                        | 4160                                      | Number of LABs/CLBs              | 416                                                                                                                                   |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                         | 183                                       | Number of Gates                  | 263000                                                                                                                                |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                         | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                                         |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                        | Contains lead / RoHS non-compliant        | Base Part Number                 | EP20K100                                                                                                                              |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Intel® FPGAs series electronic components. We have 5149 pieces of Intel® FPGAs EP20K100EQC240-3 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                                                                   |                                                                                  |                                                                             |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">EP20K100ETC144-1</a><br>Description: IC FPGA 92 I/O 144TQFP   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K100EQI208-3</a><br>Description: IC FPGA                  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K100EQC240-2X</a><br>Description: IC FPGA 183 I/O 240QFP  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K100ETC144-2N</a><br>Description: IC FPGA 92 I/O 144TQFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K100EQC240-3N</a><br>Description: IC FPGA 183 I/O 240QFP  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K100ETC144-1X</a><br>Description: IC FPGA 92 I/O 144TQFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K100EQI240-3</a><br>Description: IC FPGA                  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K100EQC240-2</a><br>Description: IC FPGA 183 I/O 240QFP   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K100ETC144-2X</a><br>Description: IC FPGA 92 I/O 144TQFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K100ETC144-1N</a><br>Description: IC FPGA 92 I/O 144TQFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K100EQC208-3</a><br>Description: IC FPGA 151 I/O 208QFP   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K100ETC144-2</a><br>Description: IC FPGA 92 I/O 144TQFP   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K100EQC240-1X</a><br>Description: IC FPGA 183 I/O 240QFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K100EQC208-3N</a><br>Description: IC FPGA 151 I/O 208QFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K100EQC240-1N</a><br>Description: IC FPGA 183 I/O 240QFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K100EQC240-2N</a><br>Description: IC FPGA 183 I/O 240QFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K100EQC208-2X</a><br>Description: IC FPGA 151 I/O 208QFP  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K100EQI240-2X</a><br>Description: IC FPGA 183 I/O 240QFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K100EQC208-2XN</a><br>Description: IC FPGA 151 I/O 208QFP | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K100EQC240-1</a><br>Description: IC FPGA 183 I/O 240QFP   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |

|                                       |                              |                           |                        |
|---------------------------------------|------------------------------|---------------------------|------------------------|
| Related keywords for EP20K100EQC240-3 |                              |                           |                        |
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