

EP20K160EQC240-1X



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Request For Quotation



Part Number: EP20K160EQC240-1X

Manufacturer: Altera (Intel® Programmable Solutions Group)

Description: IC FPGA 175 I/O 240QFP

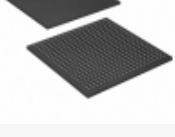
Data sheet:  [APEX 20K Family Datasheet](#)  
 [240-PQFP Pkg Info](#)  
 [Virtual JTAG Megafuntion User Guide](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                |                                                                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | EP20K160EQC240-1X                         | Manufacturer                   | <a href="#">Altera (Intel® Programmable Solutions Group)</a>                                                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC FPGA 175 I/O 240QFP                    | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4384 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 81920                                     | Supplier Device Package        | 240-PQFP (32x32)                                                                                                                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | APEX-20KE®                                | Package / Case                 | 240-BQFP                                                                                                                              |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0°C ~ 85°C (TJ)                           | Number of Logic Elements/Cells | 6400                                                                                                                                  |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 640                                       | Number of I/O                  | 175                                                                                                                                   |
| Number of Gates                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 404000                                    | Mounting Type                  | Surface Mount                                                                                                                         |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                            |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | EP20K160                                  |                                |                                                                                                                                       |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Altera (Intel® Programmable Solutions Group) series electronic components. We have 4384 pieces of Altera (Intel® Programmable Solutions Group) EP20K160EQC240-1X 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="#">EP20K160EQC240-2</a><br>Description: IC FPGA 175 I/O 240QFP   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K160EQI240-3</a><br>Description: IC FPGA                  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K160ETC144-1</a><br>Description: IC FPGA 88 I/O 144TQFP   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K160EQC208-3N</a><br>Description: IC FPGA 143 I/O 208QFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K160EQC208-3</a><br>Description: IC FPGA 143 I/O 208QFP   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K160EQI208-3</a><br>Description: IC FPGA                  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K160EQC240-1N</a><br>Description: IC FPGA 175 I/O 240QFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K160EQC208-2</a><br>Description: IC FPGA 143 I/O 208QFP   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K160EQC208-2N</a><br>Description: IC FPGA 143 I/O 208QFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K160EQC208-1</a><br>Description: IC FPGA 143 I/O 208QFP   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K160EQC240-3N</a><br>Description: IC FPGA 175 I/O 240QFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K160EQC240-1</a><br>Description: IC FPGA 175 I/O 240QFP   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K160ETC144-1X</a><br>Description: IC FPGA 88 I/O 144TQFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K160EQC208-2X</a><br>Description: IC FPGA 143 I/O 208QFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K160ETC144-2N</a><br>Description: IC FPGA 88 I/O 144TQFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K160EQC240-2X</a><br>Description: IC FPGA 175 I/O 240QFP  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">EP20K160EQC240-3</a><br>Description: IC FPGA 175 I/O 240QFP   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP20K160EFI484-2X</a><br>Description: IC FPGA 316 I/O 484FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |

| Related keywords for EP20K160EQC240-1X                            |                                                                   |                             |                                                                   |
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| Altera (Intel® Programmable Solutions Group)<br>EP20K160EQC240-1X | EP20K160EQC240-1X distributor                                     | EP20K160EQC240-1X supplier  | EP20K160EQC240-1X price                                           |
|                                                                   | EP20K160EQC240-1X download datasheet                              | EP20K160EQC240-1X datasheet | EP20K160EQC240-1X stock                                           |
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