



Intel® FPGAs



Image may be representation. See specifications for product details.

EP20K100EQC240-3N

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP20K100EQC240-3N                                                                                            |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                 |
| Product description | IC FPGA 183 I/O 240QFP                                                                                       |
|                     |  1.EP20K100EQC240-3N.pdf    |
|                     |  2.EP20K100EQC240-3N.pdf    |
|                     |  3.EP20K100EQC240-3N.pdf    |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4022 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of EP20K100EQC240-3N

|                                  |                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP20K100EQC240-3N                                                                                                                                                                                                                                                                                                                         |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                                                                                                                                              |
| DESCRIPTION                      | IC FPGA 183 I/O 240QFP                                                                                                                                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                |
| QUANTITY AVAILABLE               | 4022 pcs                                                                                                                                                                                                                                                                                                                                  |
| DATA SHEET                       |  1.EP20K100EQC240-3N.pdf<br> 2.EP20K100EQC240-3N.pdf<br> 3.EP20K100EQC240-3N.pdf |
| 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                                                                                                                                                                                                                                                                                                                                  |
| 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   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                |
| BASE PART NUMBER                 | EP20K100                                                                                                                                                                                                                                                                                                                                  |

Related Tags

|                                 |                                      |                                    |
|---------------------------------|--------------------------------------|------------------------------------|
| Intel® FPGAs EP20K100EQC240-3N  | EP20K100EQC240-3N Distributor        | EP20K100EQC240-3N Supplier         |
| EP20K100EQC240-3N Price         | EP20K100EQC240-3N Pictures           | EP20K100EQC240-3N Image            |
| EP20K100EQC240-3N PDF Datasheet | EP20K100EQC240-3N Download Datasheet | EP20K100EQC240-3N Datasheet        |
| EP20K100EQC240-3N Stock         | Buy EP20K100EQC240-3N                | Buy Intel® FPGAs EP20K100EQC240-3N |
| Intel® FPGAs EP20K100EQC240-3N  | Intel® FPGAs Supplier                | Intel® FPGAs Distributor           |
| Intel® FPGAs EP20K100EQC240-3N  |                                      |                                    |

Related Products

|                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                         |
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|  <div>EP20K100EQC240-2N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 183 I/O 240QFP<br/>In stock: 5973 pcs<br/>RFQ</div> |  <div>EP20K100EQI208-3<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: 3985 pcs<br/>RFQ</div>                 |
|  <div>EP20K100ETC144-1N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 92 I/O 144TQFP<br/>In stock: 3623 pcs<br/>RFQ</div> |  <div>EP20K100ETC144-1<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 92 I/O 144TQFP<br/>In stock: 2824 pcs<br/>RFQ</div>  |
|  <div>EP20K100EQI240-3<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: 5079 pcs<br/>RFQ</div>                 |  <div>EP20K100EQC240-1X<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 183 I/O 240QFP<br/>In stock: 4281 pcs<br/>RFQ</div> |
|  <div>EP20K100EQC240-1N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 183 I/O 240QFP<br/>In stock: 4323 pcs<br/>RFQ</div> |  <div>EP20K100EQC240-2<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 183 I/O 240QFP<br/>In stock: 3629 pcs<br/>RFQ</div>                                  |
|  <div>EP20K100ETC144-1X<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 92 I/O 144TQFP<br/>In stock: 4805 pcs<br/>RFQ</div> |  <div>EP20K100EQC240-3<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 183 I/O 240QFP<br/>In stock: 3714 pcs<br/>RFQ</div>                                  |
|  <div>EP20K100EQI240-2X<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 183 I/O 240QFP<br/>In stock: 4915 pcs<br/>RFQ</div> |  <div>EP20K100EQC240-2X<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 183 I/O 240QFP<br/>In stock: 4028 pcs<br/>RFQ</div>                                 |