



Altera (Intel® Programmable Solutions Group)



EP20K100QI240-2

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP20K100QI240-2                                                                                              |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                 |
| Product description | IC FPGA 189 I/O 240QFP                                                                                       |
| Datasheets:         |  1.EP20K100QI240-2.pdf      |
|                     |  2.EP20K100QI240-2.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5874 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of EP20K100QI240-2

|                                  |                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP20K100QI240-2                                                                                           |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                              |
| DESCRIPTION                      | IC FPGA 189 I/O 240QFP                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| QUANTITY AVAILABLE               | 5874 pcs                                                                                                  |
| DATA SHEET                       |  1.EP20K100QI240-2.pdf |
|                                  |  2.EP20K100QI240-2.pdf |
| VOLTAGE - SUPPLY                 | 2.375 V ~ 2.625 V                                                                                         |
| TOTAL RAM BITS                   | 53248                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 240-PQFP (32x32)                                                                                          |
| SERIES                           | APEX-20K®                                                                                                 |
| PACKAGE / CASE                   | 240-BQFP                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                        |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 4160                                                                                                      |
| NUMBER OF LABS/CLBS              | 416                                                                                                       |
| NUMBER OF I/O                    | 189                                                                                                       |
| 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

|                                                                 |                                                       |                                                                     |
|-----------------------------------------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group)<br>EP20K100QI240-2 | EP20K100QI240-2 Distributor                           | EP20K100QI240-2 Supplier                                            |
| EP20K100QI240-2 Price                                           | EP20K100QI240-2 Pictures                              | EP20K100QI240-2 Image                                               |
| EP20K100QI240-2 PDF Datasheet                                   | EP20K100QI240-2 Download Datasheet                    | EP20K100QI240-2 Datasheet                                           |
| EP20K100QI240-2 Stock                                           | Buy EP20K100QI240-2                                   | Buy Altera (Intel® Programmable Solutions Group)<br>EP20K100QI240-2 |
| Altera (Intel® Programmable Solutions Group)<br>EP20K100QI240-2 | Altera (Intel® Programmable Solutions Group) Supplier | Altera (Intel® Programmable Solutions Group) Distributor            |
| Altera (Intel® Programmable Solutions Group)<br>EP20K100QI240-2 | Altera EP20K100QI240-2                                | Altera (Intel® Programmable Solutions Group)<br>EP20K100QI240-2     |

Related Products

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|  <div><b>EP20K100QI240-3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: 3872 pcs<br/><div>RFQ</div></div>                  |  <div><b>EP20K100QC240-3V</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 189 I/O 240QFP<br/>In stock: 4127 pcs<br/><div>RFQ</div></div>                                  |
|  <div><b>EP20K100TC144-1</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 101 I/O 144TQFP<br/>In stock: 3012 pcs<br/><div>RFQ</div></div>  |  <div><b>EP20K100TC144-1X</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 101 I/O 144TQFP<br/>In stock: 4896 pcs<br/><div>RFQ</div></div> |
|  <div><b>EP20K100TC144-3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 101 I/O 144TQFP<br/>In stock: 5078 pcs<br/><div>RFQ</div></div> |  <div><b>EP20K100QC240-3N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 189 I/O 240QFP<br/>In stock: 5982 pcs<br/><div>RFQ</div></div>  |
|  <div><b>EP20K100TC144-3</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 101 I/O 144TQFP<br/>In stock: 3506 pcs<br/><div>RFQ</div></div>  |  <div><b>EP20K100QI208-2</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 159 I/O 208QFP<br/>In stock: 4540 pcs<br/><div>RFQ</div></div>   |
|  <div><b>EP20K100TC144-1N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 101 I/O 144TQFP<br/>In stock: 4427 pcs<br/><div>RFQ</div></div> |  <div><b>EP20K100QC240-3</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 189 I/O 240QFP<br/>In stock: 4710 pcs<br/><div>RFQ</div></div>                                   |
|  <div><b>EP20K100QC240-1</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 189 I/O 240QFP<br/>In stock: 6481 pcs<br/><div>RFQ</div></div>   |  <div><b>EP20K100QC240-2</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 189 I/O 240QFP<br/>In stock: 5412 pcs<br/><div>RFQ</div></div>                                   |