



Altera (Intel® Programmable Solutions Group)

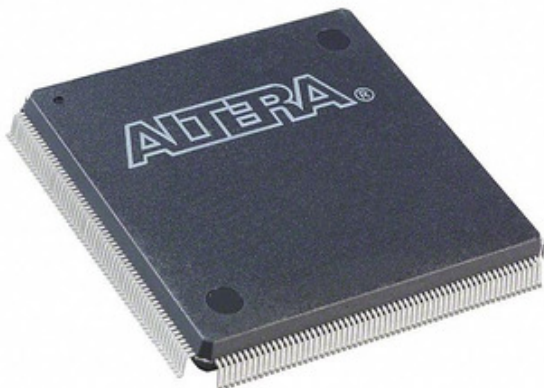


Image may be representation. See specifications for product details.

EP20K300EQC240-2XN

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP20K300EQC240-2XN                                                                                           |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                 |
| Product description | IC FPGA 152 I/O 240QFP                                                                                       |
|                     |  1.EP20K300EQC240-2XN.pdf   |
|                     |  2.EP20K300EQC240-2XN.pdf   |
|                     |  3.EP20K300EQC240-2XN.pdf   |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3310 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of EP20K300EQC240-2XN

|                                  |                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP20K300EQC240-2XN                                                                                                                                                                                                                                                                                                                           |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                 |
| DESCRIPTION                      | IC FPGA 152 I/O 240QFP                                                                                                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                   |
| QUANTITY AVAILABLE               | 3310 pcs                                                                                                                                                                                                                                                                                                                                     |
| DATA SHEET                       |  1.EP20K300EQC240-2XN.pdf<br> 2.EP20K300EQC240-2XN.pdf<br> 3.EP20K300EQC240-2XN.pdf |
| VOLTAGE - SUPPLY                 | 1.71 V ~ 1.89 V                                                                                                                                                                                                                                                                                                                              |
| TOTAL RAM BITS                   | 147456                                                                                                                                                                                                                                                                                                                                       |
| 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   | 11520                                                                                                                                                                                                                                                                                                                                        |
| NUMBER OF LABS/CLBS              | 1152                                                                                                                                                                                                                                                                                                                                         |
| NUMBER OF I/O                    | 152                                                                                                                                                                                                                                                                                                                                          |
| NUMBER OF GATES                  | 728000                                                                                                                                                                                                                                                                                                                                       |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                   |
| BASE PART NUMBER                 | EP20K300                                                                                                                                                                                                                                                                                                                                     |

Related Tags

|                                                                    |                                                       |                                                                        |
|--------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group)<br>EP20K300EQC240-2XN | EP20K300EQC240-2XN Distributor                        | EP20K300EQC240-2XN Supplier                                            |
| EP20K300EQC240-2XN Price                                           | EP20K300EQC240-2XN Pictures                           | EP20K300EQC240-2XN Image                                               |
| EP20K300EQC240-2XN PDF Datasheet                                   | EP20K300EQC240-2XN Download Datasheet                 | EP20K300EQC240-2XN Datasheet                                           |
| EP20K300EQC240-2XN Stock                                           | Buy EP20K300EQC240-2XN                                | Buy Altera (Intel® Programmable Solutions Group)<br>EP20K300EQC240-2XN |
| Altera (Intel® Programmable Solutions Group)<br>EP20K300EQC240-2XN | Altera (Intel® Programmable Solutions Group) Supplier | Altera (Intel® Programmable Solutions Group) Distributor               |
| Altera (Intel® Programmable Solutions Group)<br>EP20K300EQC240-2XN | Altera EP20K300EQC240-2XN                             | Altera (Intel® Programmable Solutions Group)<br>EP20K300EQC240-2XN     |

Related Products

|                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div>EP20K300ERC208-1<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: 3369 pcs<br/>RFQ</div>                 |  <div>EP20K300EQI240-3<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: 2896 pcs<br/>RFQ</div>                 |
|  <div>EP20K300EQC240-1X<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 152 I/O 240QFP<br/>In stock: 6760 pcs<br/>RFQ</div> |  <div>EP20K300EQC240-1<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 152 I/O 240QFP<br/>In stock: 3262 pcs<br/>RFQ</div>  |
|  <div>EP20K300EQC208-3<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: 3375 pcs<br/>RFQ</div>                 |  <div>EP20K300EQC240-3<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 152 I/O 240QFP<br/>In stock: 6665 pcs<br/>RFQ</div>  |
|  <div>EP20K300EQC240-2<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 152 I/O 240QFP<br/>In stock: 4629 pcs<br/>RFQ</div>  |  <div>EP20K300EQC240-2X<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 152 I/O 240QFP<br/>In stock: 3559 pcs<br/>RFQ</div> |
|  <div>EP20K300EQC240-3N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 152 I/O 240QFP<br/>In stock: 6476 pcs<br/>RFQ</div> |  <div>EP20K300EQC208-2<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: 6160 pcs<br/>RFQ</div>                 |
|  <div>EP20K300EQI208-3<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA<br/>In stock: 5178 pcs<br/>RFQ</div>                 |  <div>EP20K300EQI240-2X<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 152 I/O 240QFP<br/>In stock: 6293 pcs<br/>RFQ</div> |