



Altera (Intel® Programmable Solutions Group)



Image may be representation. See specifications for product details.

EPF10K100EQC240-1X

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EPF10K100EQC240-1X                                                                                                   |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                         |
| Product description | IC FPGA 189 I/O 240QFP                                                                                               |
|                     |  1.EPF10K100EQC240-1X.pdf           |
|                     |  2.EPF10K100EQC240-1X.pdf           |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 3614 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Specifications of EPF10K100EQC240-1X

|                                  |                                                                                                                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EPF10K100EQC240-1X                                                                                                                                                                                                           |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                 |
| DESCRIPTION                      | IC FPGA 189 I/O 240QFP                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                           |
| QUANTITY AVAILABLE               | 3614 pcs                                                                                                                                                                                                                     |
| DATA SHEET                       |  1.EPF10K100EQC240-1X.pdf<br> 2.EPF10K100EQC240-1X.pdf |
| VOLTAGE - SUPPLY                 | 2.375 V ~ 2.625 V                                                                                                                                                                                                            |
| TOTAL RAM BITS                   | 49152                                                                                                                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 240-PQFP (32x32)                                                                                                                                                                                                             |
| SERIES                           | FLEX-10KE®                                                                                                                                                                                                                   |
| PACKAGE / CASE                   | 240-BQFP                                                                                                                                                                                                                     |
| OTHER NAMES                      | EPF10K100EQC2401X                                                                                                                                                                                                            |
| OPERATING TEMPERATURE            | 0°C ~ 70°C (TA)                                                                                                                                                                                                              |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 4992                                                                                                                                                                                                                         |
| NUMBER OF LABS/CLBS              | 624                                                                                                                                                                                                                          |
| NUMBER OF I/O                    | 189                                                                                                                                                                                                                          |
| NUMBER OF GATES                  | 257000                                                                                                                                                                                                                       |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                           |
| BASE PART NUMBER                 | EPF10K100                                                                                                                                                                                                                    |

Related Tags

|                                                                    |                                                       |                                                                        |
|--------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group)<br>EPF10K100EQC240-1X | EPF10K100EQC240-1X Distributor                        | EPF10K100EQC240-1X Supplier                                            |
| EPF10K100EQC240-1X Price                                           | EPF10K100EQC240-1X Pictures                           | EPF10K100EQC240-1X Image                                               |
| EPF10K100EQC240-1X PDF Datasheet                                   | EPF10K100EQC240-1X Download Datasheet                 | EPF10K100EQC240-1X Datasheet                                           |
| EPF10K100EQC240-1X Stock                                           | Buy EPF10K100EQC240-1X                                | Buy Altera (Intel® Programmable Solutions Group)<br>EPF10K100EQC240-1X |
| Altera (Intel® Programmable Solutions Group)<br>EPF10K100EQC240-1X | Altera (Intel® Programmable Solutions Group) Supplier | Altera (Intel® Programmable Solutions Group) Distributor               |
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Related Products

|                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div>EPF10K100EQC240-3<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 189 I/O 240QFP<br/>In stock: 5910 pcs<br/>RFQ</div>                                  |  <div>EPF10K100EQC208-2N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 147 I/O 208QFP<br/>In stock: 7099 pcs<br/>RFQ</div> |
|  <div>EPF10K100EQC240-1N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 189 I/O 240QFP<br/>In stock: 3671 pcs<br/>RFQ</div> |  <div>EPF10K100EQC208-3<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 147 I/O 208QFP<br/>In stock: 5160 pcs<br/>RFQ</div>  |
|  <div>EPF10K100EQC240-3N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 189 I/O 240QFP<br/>In stock: 6392 pcs<br/>RFQ</div> |  <div>EPF10K100EQC240-2N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 189 I/O 240QFP<br/>In stock: 6264 pcs<br/>RFQ</div> |
|  <div>EPF10K100EQI208-2<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 147 I/O 208QFP<br/>In stock: 6053 pcs<br/>RFQ</div>                                  |  <div>EPF10K100EQC240-2<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 189 I/O 240QFP<br/>In stock: 4210 pcs<br/>RFQ</div>                                  |
|  <div>EPF10K100EQC208-2X<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 147 I/O 208QFP<br/>In stock: 4845 pcs<br/>RFQ</div> |  <div>EPF10K100EQC208-3N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 147 I/O 208QFP<br/>In stock: 5696 pcs<br/>RFQ</div> |
|  <div>EPF10K100EQC240-2X<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 189 I/O 240QFP<br/>In stock: 5821 pcs<br/>RFQ</div> |  <div>EPF10K100EQC240-1<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 189 I/O 240QFP<br/>In stock: 6354 pcs<br/>RFQ</div>                                  |