



Intel® FPGAs



Image may be representation. See specifications for product details.

EP1C12Q240C6N

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP1C12Q240C6N                                                                                                |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                 |
| Product description | IC FPGA 173 I/O 240QFP                                                                                       |
|                     |  1.EP1C12Q240C6N.pdf        |
|                     |  2.EP1C12Q240C6N.pdf        |
|                     |  3.EP1C12Q240C6N.pdf        |
|                     |  4.EP1C12Q240C6N.pdf        |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 1637 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

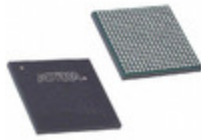
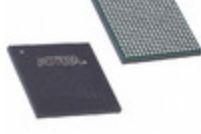
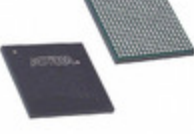
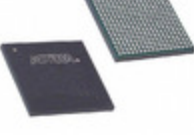
Specifications of EP1C12Q240C6N

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP1C12Q240C6N                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                                                                                                                                                                                                                                             |
| DESCRIPTION                      | IC FPGA 173 I/O 240QFP                                                                                                                                                                                                                                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 1637 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| DATA SHEET                       |  1.EP1C12Q240C6N.pdf<br> 2.EP1C12Q240C6N.pdf<br> 3.EP1C12Q240C6N.pdf<br> 4.EP1C12Q240C6N.pdf |
| VOLTAGE - SUPPLY                 | 1.425 V ~ 1.575 V                                                                                                                                                                                                                                                                                                                                                                                                                        |
| TOTAL RAM BITS                   | 239616                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 240-PQFP (32x32)                                                                                                                                                                                                                                                                                                                                                                                                                         |
| SERIES                           | Cyclone®                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 240-BFQFP                                                                                                                                                                                                                                                                                                                                                                                                                                |
| OTHER NAMES                      | 544-1793<br>EP1C12Q240C6N-ND                                                                                                                                                                                                                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                          |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 12060                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| NUMBER OF LABS/CLBS              | 1206                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| NUMBER OF I/O                    | 173                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                               |
| BASE PART NUMBER                 | EP1C12                                                                                                                                                                                                                                                                                                                                                                                                                                   |

Related Tags

|                             |                                  |                                |
|-----------------------------|----------------------------------|--------------------------------|
| Intel® FPGAs EP1C12Q240C6N  | EP1C12Q240C6N Distributor        | EP1C12Q240C6N Supplier         |
| EP1C12Q240C6N Price         | EP1C12Q240C6N Pictures           | EP1C12Q240C6N Image            |
| EP1C12Q240C6N PDF Datasheet | EP1C12Q240C6N Download Datasheet | EP1C12Q240C6N Datasheet        |
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| Intel® FPGAs EP1C12Q240C6N  | Intel® FPGAs Supplier            | Intel® FPGAs Distributor       |
| Intel® FPGAs EP1C12Q240C6N  |                                  |                                |

Related Products

|                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div>EP1C12F324C8<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 249 I/O 324FBGA<br/>In stock: 1825 pcs<br/>RFQ</div> |  <div>EP1C12Q240C8<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 173 I/O 240QFP<br/>In stock: 2335 pcs<br/>RFQ</div>   |
|  <div>EP1C12F324C8NGA<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA FBGA<br/>In stock: 6820 pcs<br/>RFQ</div>         |  <div>EP1C12Q240C6NAA<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA FBGA<br/>In stock: 4249 pcs<br/>RFQ</div>          |
|  <div>EP1C12Q240C8N<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 173 I/O 240QFP<br/>In stock: 2401 pcs<br/>RFQ</div>                                 |  <div>EP1C12Q240C7<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 173 I/O 240QFP<br/>In stock: 1784 pcs<br/>RFQ</div>   |
|  <div>EP1C12Q240I7<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 173 I/O 240QFP<br/>In stock: 1498 pcs<br/>RFQ</div>  |  <div>EP1C12Q240C6<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 173 I/O 240QFP<br/>In stock: 1558 pcs<br/>RFQ</div>                                   |
|  <div>EP1C12F324I7<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 249 I/O 324FBGA<br/>In stock: 1239 pcs<br/>RFQ</div>                                 |  <div>EP1C12F324C8N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 249 I/O 324FBGA<br/>In stock: 2002 pcs<br/>RFQ</div> |
|  <div>EP1C12Q240C7N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 173 I/O 240QFP<br/>In stock: 1950 pcs<br/>RFQ</div> |  <div>EP1C12F324I7N<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 249 I/O 324FBGA<br/>In stock: 1499 pcs<br/>RFQ</div>                                 |