



Xilinx



XCV100E-6PQG240C

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | XCV100E-6PQG240C                                                                                                       |
| Manufacturer/Brand: | Xilinx                                                                                                                 |
| Product description | IC FPGA 158 I/O 240QFP                                                                                                 |
| Datasheets:         |  <a href="#">XCV100E-6PQG240C.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant           |
| Stock Condition     | 6602 pcs stock                                                                                                         |
| Ship From           | Hong Kong                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                  |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

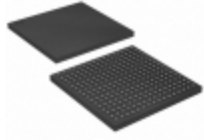
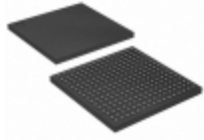
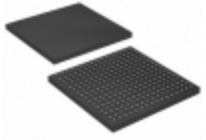
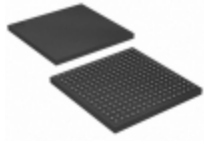
Specifications of XCV100E-6PQG240C

|                                  |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XCV100E-6PQG240C                                                                                                         |
| MANUFACTURER                     | Xilinx                                                                                                                   |
| DESCRIPTION                      | IC FPGA 158 I/O 240QFP                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| QUANTITY AVAILABLE               | 6602 pcs                                                                                                                 |
| DATA SHEET                       |  <a href="#">XCV100E-6PQG240C.pdf</a> |
| VOLTAGE - SUPPLY                 | 1.71 V ~ 1.89 V                                                                                                          |
| TOTAL RAM BITS                   | 81920                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 240-PQFP (32x32)                                                                                                         |
| SERIES                           | Virtex®-E                                                                                                                |
| PACKAGE / CASE                   | 240-BFQFP                                                                                                                |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                          |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 2700                                                                                                                     |
| NUMBER OF LABS/CLBS              | 600                                                                                                                      |
| NUMBER OF I/O                    | 158                                                                                                                      |
| NUMBER OF GATES                  | 128236                                                                                                                   |
| MOUNTING TYPE                    | Surface Mount                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| BASE PART NUMBER                 | XCV100E                                                                                                                  |

Related Tags

|                                |                                     |                             |
|--------------------------------|-------------------------------------|-----------------------------|
| Xilinx XCV100E-6PQG240C        | XCV100E-6PQG240C Distributor        | XCV100E-6PQG240C Supplier   |
| XCV100E-6PQG240C Price         | XCV100E-6PQG240C Pictures           | XCV100E-6PQG240C Image      |
| XCV100E-6PQG240C PDF Datasheet | XCV100E-6PQG240C Download Datasheet | XCV100E-6PQG240C Datasheet  |
| XCV100E-6PQG240C Stock         | Buy XCV100E-6PQG240C                | Buy Xilinx XCV100E-6PQG240C |
| Xilinx XCV100E-6PQG240C        | Xilinx Supplier                     | Xilinx Distributor          |
| Xilinx XCV100E-6PQG240C        | Xilinx Inc. XCV100E-6PQG240C        |                             |

Related Products

|                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>XCV100E-7CS144I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 94 I/O 144CSBGA<br/>In stock: 5535 pcs<br/><div>RFQ</div></div> |  <div><b>XCV100E-7CS144C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 94 I/O 144CSBGA<br/>In stock: 3417 pcs<br/><div>RFQ</div></div> |
|  <div><b>XCV100E-6FG256I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 176 I/O 256FBGA<br/>In stock: 3177 pcs<br/><div>RFQ</div></div> |  <div><b>XCV100E-6CS144C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 94 I/O 144CSBGA<br/>In stock: 6627 pcs<br/><div>RFQ</div></div> |
|  <div><b>XCV100E-6PQ240I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 158 I/O 240QFP<br/>In stock: 4132 pcs<br/><div>RFQ</div></div>  |  <div><b>XCV100E-6PQ240C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 158 I/O 240QFP<br/>In stock: 4456 pcs<br/><div>RFQ</div></div>  |
|  <div><b>XCV100E-7FG256C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 176 I/O 256FBGA<br/>In stock: 4748 pcs<br/><div>RFQ</div></div> |  <div><b>XCV100E-7FG256I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 176 I/O 256FBGA<br/>In stock: 5517 pcs<br/><div>RFQ</div></div> |
|  <div><b>XCV100E-7BG352I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 196 I/O 352MBGA<br/>In stock: 4379 pcs<br/><div>RFQ</div></div> |  <div><b>XCV100E-7BG352C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 196 I/O 352MBGA<br/>In stock: 5481 pcs<br/><div>RFQ</div></div> |
|  <div><b>XCV100E-6FG256C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 176 I/O 256FBGA<br/>In stock: 4302 pcs<br/><div>RFQ</div></div> |  <div><b>XCV100E-6CS144I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 94 I/O 144CSBGA<br/>In stock: 4237 pcs<br/><div>RFQ</div></div> |