



Xilinx



Image may be representation. See specifications for product details.

XCV600E-8FG680C

|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | XCV600E-8FG680C                                                                                                       |
| Manufacturer/Brand: | Xilinx                                                                                                                |
| Product description | IC FPGA 512 I/O 680FBGA                                                                                               |
| Datasheets:         |  <a href="#">XCV600E-8FG680C.pdf</a> |
| RoHs Status         |  Contains lead / RoHS non-compliant  |
| Stock Condition     | 7061 pcs stock                                                                                                        |
| Ship From           | Hong Kong                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                 |

REQUEST FOR QUOTATION

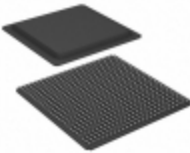
Specifications of XCV600E-8FG680C

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XCV600E-8FG680C                                                                                                         |
| MANUFACTURER                     | Xilinx                                                                                                                  |
| DESCRIPTION                      | IC FPGA 512 I/O 680FBGA                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                      |
| QUANTITY AVAILABLE               | 7061 pcs                                                                                                                |
| DATA SHEET                       |  <a href="#">XCV600E-8FG680C.pdf</a> |
| VOLTAGE - SUPPLY                 | 1.71 V ~ 1.89 V                                                                                                         |
| TOTAL RAM BITS                   | 294912                                                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 680-FTEBGA (40x40)                                                                                                      |
| SERIES                           | Virtex®-E                                                                                                               |
| PACKAGE / CASE                   | 680-LBGA Exposed Pad                                                                                                    |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                         |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 15552                                                                                                                   |
| NUMBER OF LABS/CLBS              | 3456                                                                                                                    |
| NUMBER OF I/O                    | 512                                                                                                                     |
| NUMBER OF GATES                  | 985882                                                                                                                  |
| MOUNTING TYPE                    | Surface Mount                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                      |
| BASE PART NUMBER                 | XCV600E                                                                                                                 |

Related Tags

|                               |                                    |                            |
|-------------------------------|------------------------------------|----------------------------|
| Xilinx XCV600E-8FG680C        | XCV600E-8FG680C Distributor        | XCV600E-8FG680C Supplier   |
| XCV600E-8FG680C Price         | XCV600E-8FG680C Pictures           | XCV600E-8FG680C Image      |
| XCV600E-8FG680C PDF Datasheet | XCV600E-8FG680C Download Datasheet | XCV600E-8FG680C Datasheet  |
| XCV600E-8FG680C Stock         | Buy XCV600E-8FG680C                | Buy Xilinx XCV600E-8FG680C |
| Xilinx XCV600E-8FG680C        | Xilinx Supplier                    | Xilinx Distributor         |
| Xilinx XCV600E-8FG680C        | Xilinx Inc. XCV600E-8FG680C        |                            |

Related Products

|                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>XCV600E-7FG900I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 512 I/O 900FBGA<br/>In stock: 3294 pcs</div><div>RFQ</div></div> | <div><div><b>XCV600E-8FG676C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 444 I/O 676FBGA<br/>In stock: 6971 pcs</div><div>RFQ</div></div> |
| <div><div><b>XCV600E-8BG560C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 404 I/O 560MBGA<br/>In stock: 3725 pcs</div><div>RFQ</div></div> | <div><div><b>XCV800-4BG560C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 404 I/O 560MBGA<br/>In stock: 3906 pcs</div><div>RFQ</div></div>  |
| <div><div><b>XCV600E-8HQ240C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 158 I/O 240HQFP<br/>In stock: 4475 pcs</div><div>RFQ</div></div> | <div><div><b>XCV800-4BG432I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 316 I/O 432MBGA<br/>In stock: 5633 pcs</div><div>RFQ</div></div>  |
| <div><div><b>XCV600E-7HQ240I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 158 I/O 240HQFP<br/>In stock: 3720 pcs</div><div>RFQ</div></div> | <div><div><b>XCV600E-8FG900C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 512 I/O 900FBGA<br/>In stock: 4318 pcs</div><div>RFQ</div></div> |
| <div><div><b>XCV800-4BG432C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 316 I/O 432MBGA<br/>In stock: 2812 pcs</div><div>RFQ</div></div>  | <div><div><b>XCV800-4BG560I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 404 I/O 560MBGA<br/>In stock: 3529 pcs</div><div>RFQ</div></div>  |
| <div><div><b>XCV600E-7HQ240C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 158 I/O 240HQFP<br/>In stock: 5980 pcs</div><div>RFQ</div></div> | <div><div><b>XCV600E-8BG432C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 316 I/O 432MBGA<br/>In stock: 3312 pcs</div><div>RFQ</div></div> |