



Xilinx



Image may be representation. See specifications for product details.

XCV1600E-7BG560I

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | XCV1600E-7BG560I                                                                                                       |
| Manufacturer/Brand: | Xilinx                                                                                                                 |
| Product description | IC FPGA 404 I/O 560MBGA                                                                                                |
| Datasheets:         |  <a href="#">XCV1600E-7BG560I.pdf</a> |
| RoHs Status         |  Contains lead / RoHS non-compliant   |
| Stock Condition     | 6023 pcs stock                                                                                                         |
| Ship From           | Hong Kong                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                  |

REQUEST FOR QUOTATION

Specifications of XCV1600E-7BG560I

|                                  |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XCV1600E-7BG560I                                                                                                         |
| MANUFACTURER                     | Xilinx                                                                                                                   |
| DESCRIPTION                      | IC FPGA 404 I/O 560MBGA                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                       |
| QUANTITY AVAILABLE               | 6023 pcs                                                                                                                 |
| DATA SHEET                       |  <a href="#">XCV1600E-7BG560I.pdf</a> |
| VOLTAGE - SUPPLY                 | 1.71 V ~ 1.89 V                                                                                                          |
| TOTAL RAM BITS                   | 589824                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 560-MBGA (42.5x42.5)                                                                                                     |
| SERIES                           | Virtex®-E                                                                                                                |
| PACKAGE / CASE                   | 560-LBGA Exposed Pad, Metal                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                       |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 34992                                                                                                                    |
| NUMBER OF LABS/CLBS              | 7776                                                                                                                     |
| NUMBER OF I/O                    | 404                                                                                                                      |
| NUMBER OF GATES                  | 2188742                                                                                                                  |
| MOUNTING TYPE                    | Surface Mount                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                       |
| BASE PART NUMBER                 | XCV1600E                                                                                                                 |

Related Tags

|                                |                                     |                             |
|--------------------------------|-------------------------------------|-----------------------------|
| Xilinx XCV1600E-7BG560I        | XCV1600E-7BG560I Distributor        | XCV1600E-7BG560I Supplier   |
| XCV1600E-7BG560I Price         | XCV1600E-7BG560I Pictures           | XCV1600E-7BG560I Image      |
| XCV1600E-7BG560I PDF Datasheet | XCV1600E-7BG560I Download Datasheet | XCV1600E-7BG560I Datasheet  |
| XCV1600E-7BG560I Stock         | Buy XCV1600E-7BG560I                | Buy Xilinx XCV1600E-7BG560I |
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| Xilinx XCV1600E-7BG560I        | Xilinx Inc. XCV1600E-7BG560I        |                             |

Related Products

|                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>XCV1600E-7FG680I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 512 I/O 680FBGA<br/>In stock: 3870 pcs</div><div>RFQ</div></div>   | <div><div><b>XCV1600E-7FG860I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 660 I/O 860FBGA<br/>In stock: 6190 pcs</div><div>RFQ</div></div>   |
| <div><div><b>XCV1600E-7FG1156C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 724 I/O 1156FBGA<br/>In stock: 5357 pcs</div><div>RFQ</div></div> | <div><div><b>XCV1600E-7BG560C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 404 I/O 560MBGA<br/>In stock: 7019 pcs</div><div>RFQ</div></div>   |
| <div><div><b>XCV1600E-7FG680C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 512 I/O 680FBGA<br/>In stock: 6957 pcs</div><div>RFQ</div></div>   | <div><div><b>XCV1600E-7FG860C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 660 I/O 860FBGA<br/>In stock: 6669 pcs</div><div>RFQ</div></div>   |
| <div><div><b>XCV1600E-6FG900C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 700 I/O 900FBGA<br/>In stock: 4124 pcs</div><div>RFQ</div></div>   | <div><div><b>XCV1600E-6FG860C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 660 I/O 860FBGA<br/>In stock: 4540 pcs</div><div>RFQ</div></div>   |
| <div><div><b>XCV1600E-6FG900I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 700 I/O 900FBGA<br/>In stock: 4383 pcs</div><div>RFQ</div></div>   | <div><div><b>XCV1600E-6FG680I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 512 I/O 680FBGA<br/>In stock: 6421 pcs</div><div>RFQ</div></div>   |
| <div><div><b>XCV1600E-6FG860I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 660 I/O 860FBGA<br/>In stock: 4902 pcs</div><div>RFQ</div></div>   | <div><div><b>XCV1600E-7FG1156I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 724 I/O 1156FBGA<br/>In stock: 6756 pcs</div><div>RFQ</div></div> |