



Xilinx

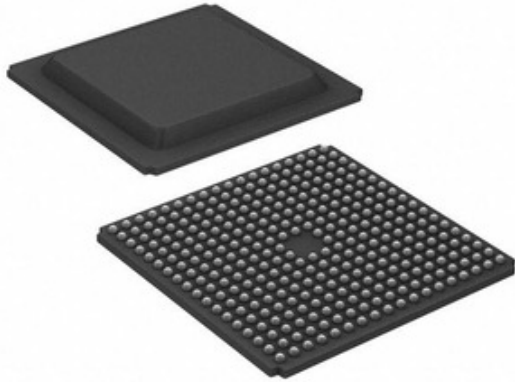


Image may be representation. See specifications for product details.

XC3S1600E-4FGG320I

|                     |                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | XC3S1600E-4FGG320I                                                                                                       |
| Manufacturer/Brand: | Xilinx                                                                                                                   |
| Product description | IC FPGA 250 I/O 320FBGA                                                                                                  |
| Datasheets:         |  <a href="#">XC3S1600E-4FGG320I.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant             |
| Stock Condition     | 976 pcs stock                                                                                                            |
| Ship From           | Hong Kong                                                                                                                |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                    |

REQUEST FOR QUOTATION

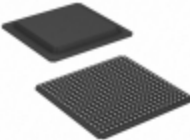
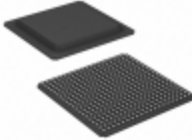
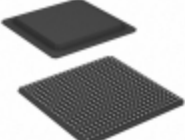
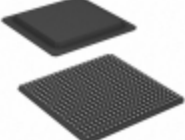
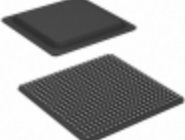
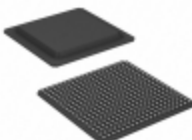
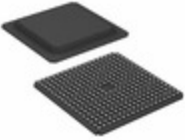
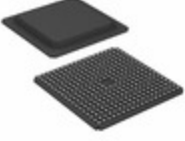
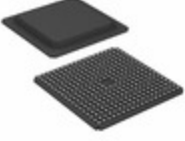
Specifications of XC3S1600E-4FGG320I

|                                  |                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XC3S1600E-4FGG320I                                                                                                         |
| MANUFACTURER                     | Xilinx                                                                                                                     |
| DESCRIPTION                      | IC FPGA 250 I/O 320FBGA                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                 |
| QUANTITY AVAILABLE               | 976 pcs                                                                                                                    |
| DATA SHEET                       |  <a href="#">XC3S1600E-4FGG320I.pdf</a> |
| VOLTAGE - SUPPLY                 | 1.14 V ~ 1.26 V                                                                                                            |
| TOTAL RAM BITS                   | 663552                                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 320-FBGA (19x19)                                                                                                           |
| SERIES                           | Spartan®-3E                                                                                                                |
| PACKAGE / CASE                   | 320-BGA                                                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                         |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 33192                                                                                                                      |
| NUMBER OF LABS/CLBS              | 3688                                                                                                                       |
| NUMBER OF I/O                    | 250                                                                                                                        |
| NUMBER OF GATES                  | 1600000                                                                                                                    |
| MOUNTING TYPE                    | Surface Mount                                                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                 |
| BASE PART NUMBER                 | XC3S1600E                                                                                                                  |

Related Tags

|                                  |                                       |                               |
|----------------------------------|---------------------------------------|-------------------------------|
| Xilinx XC3S1600E-4FGG320I        | XC3S1600E-4FGG320I Distributor        | XC3S1600E-4FGG320I Supplier   |
| XC3S1600E-4FGG320I Price         | XC3S1600E-4FGG320I Pictures           | XC3S1600E-4FGG320I Image      |
| XC3S1600E-4FGG320I PDF Datasheet | XC3S1600E-4FGG320I Download Datasheet | XC3S1600E-4FGG320I Datasheet  |
| XC3S1600E-4FGG320I Stock         | Buy XC3S1600E-4FGG320I                | Buy Xilinx XC3S1600E-4FGG320I |
| Xilinx XC3S1600E-4FGG320I        | Xilinx Supplier                       | Xilinx Distributor            |
| Xilinx XC3S1600E-4FGG320I        | Xilinx Inc. XC3S1600E-4FGG320I        |                               |

Related Products

|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>XC3S1600E-4FG400C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 304 I/O 400FBGA<br/>In stock: 654 pcs</div><div>RFQ</div></div>           | <div><div><b>XC3S1600E-4FGG400C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 304 I/O 400FBGA<br/>In stock: 916 pcs</div><div>RFQ</div></div>  |
| <div><div><b>XC3S1600E-4FG400I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 304 I/O 400FBGA<br/>In stock: 569 pcs</div><div>RFQ</div></div>           | <div><div><b>XC3S1600E-4FG484I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 376 I/O 484FBGA<br/>In stock: 599 pcs</div><div>RFQ</div></div>   |
| <div><div><b>XC3S1600E-4FG484C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 376 I/O 484FBGA<br/>In stock: 578 pcs</div><div>RFQ</div></div>           | <div><div><b>XC3S1600E-4FGG484I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 376 I/O 484FBGA<br/>In stock: 614 pcs</div><div>RFQ</div></div>  |
| <div><div><b>XC3S1600E-4FGG400I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 304 I/O 400FBGA<br/>In stock: 729 pcs</div><div>RFQ</div></div>          | <div><div><b>XC3S1600E-5FG320C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 250 I/O 320FBGA<br/>In stock: 754 pcs</div><div>RFQ</div></div>   |
| <div><div><b>XC3S1600E-4FGG484C</b><br/>Manufacturers: Xilinx<br/>Description: IC SPARTAN-3E FPGA 1600K 484FBGA<br/>In stock: 865 pcs</div><div>RFQ</div></div> | <div><div><b>XC3S1600E-5FG400C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 304 I/O 400FBGA<br/>In stock: 559 pcs</div><div>RFQ</div></div>   |
| <div><div><b>XC3S1600E-4FG320I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 250 I/O 320FBGA<br/>In stock: 706 pcs</div><div>RFQ</div></div>           | <div><div><b>XC3S1600E-4FGG320C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 250 I/O 320FBGA<br/>In stock: 1080 pcs</div><div>RFQ</div></div> |