



Xilinx



Image may be representation. See specifications for product details.

XC6SLX45-L1CSG324I

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | XC6SLX45-L1CSG324I                                                                                           |
| Manufacturer/Brand: | Xilinx                                                                                                       |
| Product description | IC FPGA 218 I/O 324CSBGA                                                                                     |
|                     |  1.XC6SLX45-L1CSG324I.pdf   |
|                     |  2.XC6SLX45-L1CSG324I.pdf   |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         | Hong Kong                                                                                                    |
| Ship From           |                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

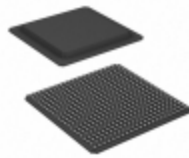
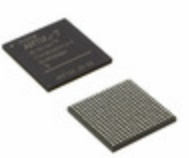
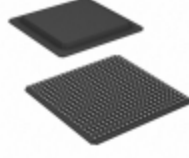
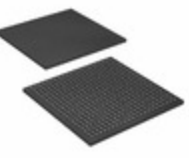
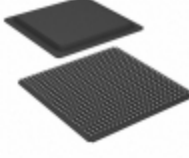
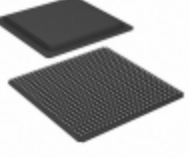
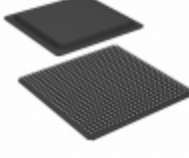
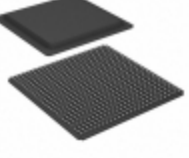
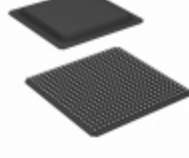
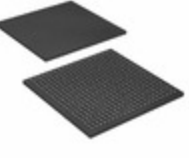
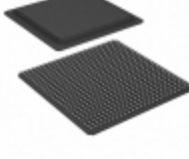
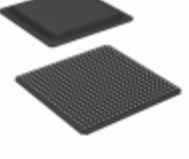
Specifications of XC6SLX45-L1CSG324I

|                                  |                                                                                                                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XC6SLX45-L1CSG324I                                                                                                                                                                                                           |
| MANUFACTURER                     | Xilinx                                                                                                                                                                                                                       |
| DESCRIPTION                      | IC FPGA 218 I/O 324CSBGA                                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                   |
| DATA SHEET                       |  1.XC6SLX45-L1CSG324I.pdf<br> 2.XC6SLX45-L1CSG324I.pdf |
| VOLTAGE - SUPPLY                 | 1.14 V ~ 1.26 V                                                                                                                                                                                                              |
| TOTAL RAM BITS                   | 2138112                                                                                                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 324-CSPBGA (15x15)                                                                                                                                                                                                           |
| SERIES                           | Spartan®-6 LX                                                                                                                                                                                                                |
| PACKAGE / CASE                   | 324-LFBGA, CSPBGA                                                                                                                                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                           |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 43661                                                                                                                                                                                                                        |
| NUMBER OF LABS/CLBS              | 3411                                                                                                                                                                                                                         |
| NUMBER OF I/O                    | 218                                                                                                                                                                                                                          |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                |
| MANUFACTURER STANDARD LEAD TIME  | 10 Weeks                                                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                   |
| BASE PART NUMBER                 | XC6SLX45                                                                                                                                                                                                                     |

Related Tags

|                                  |                                       |                               |
|----------------------------------|---------------------------------------|-------------------------------|
| Xilinx XC6SLX45-L1CSG324I        | XC6SLX45-L1CSG324I Distributor        | XC6SLX45-L1CSG324I Supplier   |
| XC6SLX45-L1CSG324I Price         | XC6SLX45-L1CSG324I Pictures           | XC6SLX45-L1CSG324I Image      |
| XC6SLX45-L1CSG324I PDF Datasheet | XC6SLX45-L1CSG324I Download Datasheet | XC6SLX45-L1CSG324I Datasheet  |
| XC6SLX45-L1CSG324I Stock         | Buy XC6SLX45-L1CSG324I                | Buy Xilinx XC6SLX45-L1CSG324I |
| Xilinx XC6SLX45-L1CSG324I        | Xilinx Supplier                       | Xilinx Distributor            |
| Xilinx XC6SLX45-L1CSG324I        | Xilinx Inc. XC6SLX45-L1CSG324I        |                               |

Related Products

|                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>XC6SLX45-3FGG484I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 316 I/O 484FBGA<br/>In stock: 226 pcs<br/>RFQ</div>         |  <div><b>XC6SLX45-L1CSG324C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 218 I/O 324CSBGA<br/>In stock: Out stock<br/>RFQ</div>    |
|  <div><b>XC6SLX45-L1FG484I</b><br/>Manufacturers: Xilinx Inc.<br/>Description: IC FPGA 316 I/O 484FBGA<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>XC6SLX45-L1CSG484C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 320 I/O 484CSBGA<br/>In stock: Out stock<br/>RFQ</div>    |
|  <div><b>XC6SLX45-3FGG676I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 358 I/O 676FBGA<br/>In stock: Out stock<br/>RFQ</div>       |  <div><b>XC6SLX45-L1FG676I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 358 I/O 676FCBGA<br/>In stock: Out stock<br/>RFQ</div>     |
|  <div><b>XC6SLX45-3FGG676C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 358 I/O 676FBGA<br/>In stock: Out stock<br/>RFQ</div>       |  <div><b>XC6SLX45-3FG676I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 358 I/O 676FCBGA<br/>In stock: Out stock<br/>RFQ</div>      |
|  <div><b>XC6SLX45-3FGG484C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 316 I/O 484FBGA<br/>In stock: 227 pcs<br/>RFQ</div>         |  <div><b>XC6SLX45-L1CSG484I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 320 I/O 484CSBGA<br/>In stock: Out stock<br/>RFQ</div>    |
|  <div><b>XC6SLX45-L1FG676C</b><br/>Manufacturers: Xilinx Inc.<br/>Description: IC FPGA 358 I/O 676FCBGA<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>XC6SLX45-L1FG484C</b><br/>Manufacturers: Xilinx Inc.<br/>Description: IC FPGA 316 I/O 484FBGA<br/>In stock: Out stock<br/>RFQ</div> |