



Xilinx

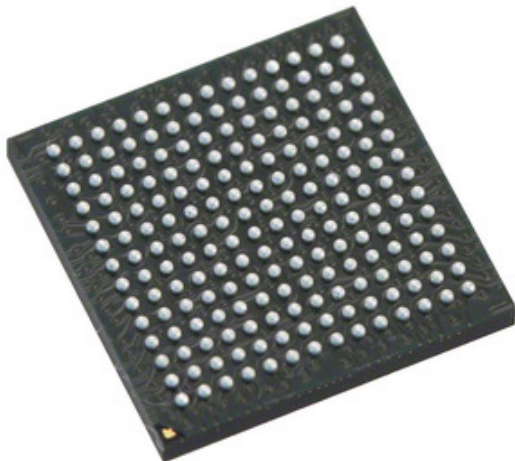


Image may be representation. See specifications for product details.

XC6SLX16-L1CPG196C

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | XC6SLX16-L1CPG196C                                                                                           |
| Manufacturer/Brand: | Xilinx                                                                                                       |
| Product description | IC FPGA 106 I/O 196CSBGA                                                                                     |
|                     |  1.XC6SLX16-L1CPG196C.pdf   |
|                     |  2.XC6SLX16-L1CPG196C.pdf   |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         |                                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

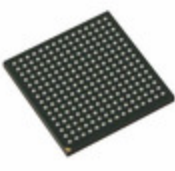
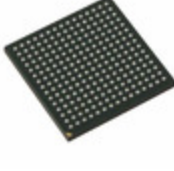
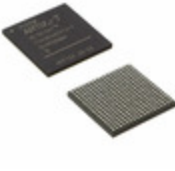
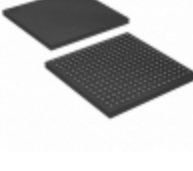
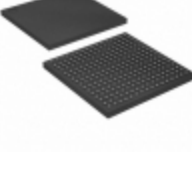
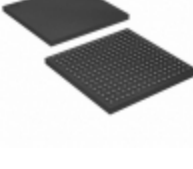
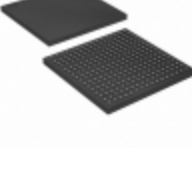
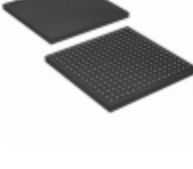
Specifications of XC6SLX16-L1CPG196C

|                                  |                                                                                                                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XC6SLX16-L1CPG196C                                                                                                                                                                                                           |
| MANUFACTURER                     | Xilinx                                                                                                                                                                                                                       |
| DESCRIPTION                      | IC FPGA 106 I/O 196CSBGA                                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                   |
| DATA SHEET                       |  1.XC6SLX16-L1CPG196C.pdf<br> 2.XC6SLX16-L1CPG196C.pdf |
| VOLTAGE - SUPPLY                 | 1.14 V ~ 1.26 V                                                                                                                                                                                                              |
| TOTAL RAM BITS                   | 589824                                                                                                                                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 196-CSPBGA (8x8)                                                                                                                                                                                                             |
| SERIES                           | Spartan®-6 LX                                                                                                                                                                                                                |
| PACKAGE / CASE                   | 196-TFBGA, CSBGA                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                              |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 14579                                                                                                                                                                                                                        |
| NUMBER OF LABS/CLBS              | 1139                                                                                                                                                                                                                         |
| NUMBER OF I/O                    | 106                                                                                                                                                                                                                          |
| 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                 | XC6SLX16                                                                                                                                                                                                                     |

Related Tags

|                                  |                                       |                               |
|----------------------------------|---------------------------------------|-------------------------------|
| Xilinx XC6SLX16-L1CPG196C        | XC6SLX16-L1CPG196C Distributor        | XC6SLX16-L1CPG196C Supplier   |
| XC6SLX16-L1CPG196C Price         | XC6SLX16-L1CPG196C Pictures           | XC6SLX16-L1CPG196C Image      |
| XC6SLX16-L1CPG196C PDF Datasheet | XC6SLX16-L1CPG196C Download Datasheet | XC6SLX16-L1CPG196C Datasheet  |
| XC6SLX16-L1CPG196C Stock         | Buy XC6SLX16-L1CPG196C                | Buy Xilinx XC6SLX16-L1CPG196C |
| Xilinx XC6SLX16-L1CPG196C        | Xilinx Supplier                       | Xilinx Distributor            |
| Xilinx XC6SLX16-L1CPG196C        | Xilinx Inc. XC6SLX16-L1CPG196C        |                               |

Related Products

|                                                                                                                                                                                                                             |                                                                                                                                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>XC6SLX16-L1CPG196I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 106 I/O 196CSBGA<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>XC6SLX16-L1CSG225C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 160 I/O 225CSBGA<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>XC6SLX16-L1CSG225I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 160 I/O 225CSBGA<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>XC6SLX16-3CSG324C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 232 I/O 324CSBGA<br/>In stock: 252 pcs<br/>RFQ</div>    |
|  <div><b>XC6SLX16-L1CSG324C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 232 I/O 324CSBGA<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>XC6SLX16-L1CSG324I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 232 I/O 324CSBGA<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>XC6SLX16-3FTG256I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 186 I/O 256FTBGA<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>XC6SLX16-3FT256I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 186 I/O 256FTBGA<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>XC6SLX16-3FT256C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 186 I/O 256FTBGA<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>XC6SLX16-L1FT256C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 186 I/O 256FTBGA<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>XC6SLX16-3FTG256C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 186 I/O 256FTBGA<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>XC6SLX16-3CSG324I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 232 I/O 324CSBGA<br/>In stock: 406 pcs<br/>RFQ</div>    |