



Xilinx

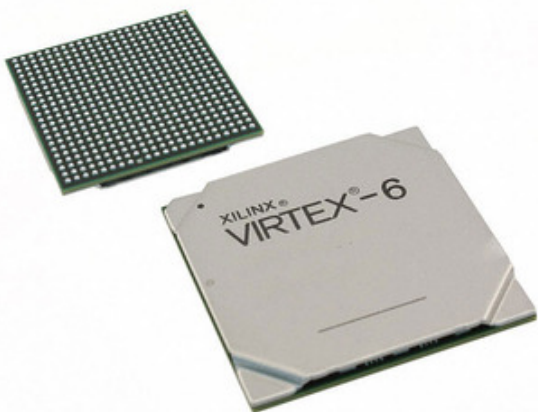


Image may be representation. See specifications for product details.

XC6VLX550T-1FFG1759I

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | XC6VLX550T-1FFG1759I                                                                                         |
| Manufacturer/Brand: | Xilinx                                                                                                       |
| Product description | IC FPGA 840 I/O 1759FCBGA                                                                                    |
|                     |  1.XC6VLX550T-1FFG1759I.pdf |
|                     |  2.XC6VLX550T-1FFG1759I.pdf |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 17 pcs stock                                                                                                 |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

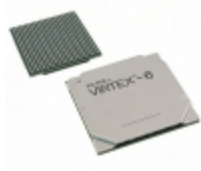
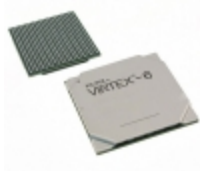
Specifications of XC6VLX550T-1FFG1759I

|                                  |                                                                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XC6VLX550T-1FFG1759I                                                                                                                                                                                                             |
| MANUFACTURER                     | Xilinx                                                                                                                                                                                                                           |
| DESCRIPTION                      | IC FPGA 840 I/O 1759FCBGA                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                       |
| QUANTITY AVAILABLE               | 17 pcs                                                                                                                                                                                                                           |
| DATA SHEET                       |  1.XC6VLX550T-1FFG1759I.pdf<br> 2.XC6VLX550T-1FFG1759I.pdf |
| VOLTAGE - SUPPLY                 | 0.95 V ~ 1.05 V                                                                                                                                                                                                                  |
| TOTAL RAM BITS                   | 23298048                                                                                                                                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 1759-FCBGA (42.5x42.5)                                                                                                                                                                                                           |
| SERIES                           | Virtex®-6 LXT                                                                                                                                                                                                                    |
| PACKAGE / CASE                   | 1760-BBGA, FCBGA                                                                                                                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                               |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 549888                                                                                                                                                                                                                           |
| NUMBER OF LABS/CLBS              | 42960                                                                                                                                                                                                                            |
| NUMBER OF I/O                    | 840                                                                                                                                                                                                                              |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 4 (72 Hours)                                                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                       |
| BASE PART NUMBER                 | XC6VLX550T                                                                                                                                                                                                                       |

Related Tags

|                                    |                                         |                                 |
|------------------------------------|-----------------------------------------|---------------------------------|
| Xilinx XC6VLX550T-1FFG1759I        | XC6VLX550T-1FFG1759I Distributor        | XC6VLX550T-1FFG1759I Supplier   |
| XC6VLX550T-1FFG1759I Price         | XC6VLX550T-1FFG1759I Pictures           | XC6VLX550T-1FFG1759I Image      |
| XC6VLX550T-1FFG1759I PDF Datasheet | XC6VLX550T-1FFG1759I Download Datasheet | XC6VLX550T-1FFG1759I Datasheet  |
| XC6VLX550T-1FFG1759I Stock         | Buy XC6VLX550T-1FFG1759I                | Buy Xilinx XC6VLX550T-1FFG1759I |
| Xilinx XC6VLX550T-1FFG1759I        | Xilinx Supplier                         | Xilinx Distributor              |
| Xilinx XC6VLX550T-1FFG1759I        | Xilinx Inc. XC6VLX550T-1FFG1759I        |                                 |

Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>XC6VLX550T-1FF1760C</div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 1200 I/O 1760FBGA</div><div>In stock: 18 pcs</div><div>RFQ</div></div>        | <div><div>XC6VLX550T-1FF1759I</div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 840 I/O 1759FCBGA</div><div>In stock: 13 pcs</div><div>RFQ</div></div>      |
| <div><div>XC6VLX365T-L1FFG1759I</div><div>Manufacturers: Xilinx Inc.</div><div>Description: IC FPGA 720 I/O 1759FCBGA</div><div>In stock: 16 pcs</div><div>RFQ</div></div> | <div><div>XC6VLX550T-2FF1759C</div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 840 I/O 1759FCBGA</div><div>In stock: 15 pcs</div><div>RFQ</div></div>      |
| <div><div>XC6VLX550T-1FF1760I</div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 1200 I/O 1760FBGA</div><div>In stock: 11 pcs</div><div>RFQ</div></div>        | <div><div>XC6VLX550T-2FF1759E</div><div>Manufacturers: Xilinx Inc.</div><div>Description: IC FPGA 840 I/O 1759FCBGA</div><div>In stock: 11 pcs</div><div>RFQ</div></div> |
| <div><div>XC6VLX550T-1FF1759C</div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 840 I/O 1759FCBGA</div><div>In stock: 17 pcs</div><div>RFQ</div></div>        | <div><div>XC6VLX550T-2FF1760C</div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 1200 I/O 1760FBGA</div><div>In stock: 14 pcs</div><div>RFQ</div></div>      |
| <div><div>XC6VLX550T-2FF1760E</div><div>Manufacturers: Xilinx Inc.</div><div>Description: IC FPGA 1200 I/O 1760FBGA</div><div>In stock: 11 pcs</div><div>RFQ</div></div>   | <div><div>XC6VLX550T-1FFG1759C</div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 840 I/O 1759FCBGA</div><div>In stock: 20 pcs</div><div>RFQ</div></div>     |
| <div><div>XC6VLX550T-1FFG1760C</div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 1200 I/O 1760FBGA</div><div>In stock: 20 pcs</div><div>RFQ</div></div>       | <div><div>XC6VLX550T-1FFG1760I</div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 1200 I/O 1760FBGA</div><div>In stock: 13 pcs</div><div>RFQ</div></div>     |