



Xilinx

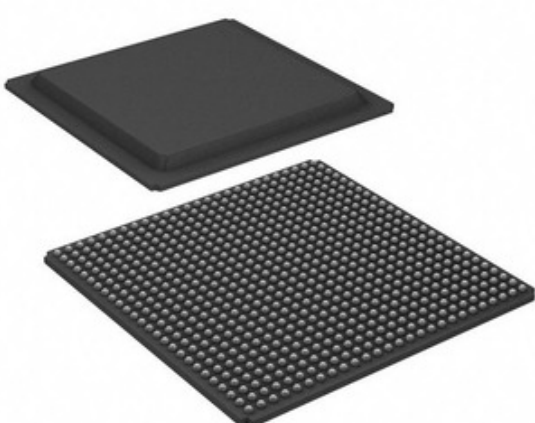


Image may be representation. See specifications for product details.

XC7S100-1FGGA676I

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | XC7S100-1FGGA676I                                                                                            |
| Manufacturer/Brand: | Xilinx                                                                                                       |
| Product description | XC7S100-1FGGA676I                                                                                            |
|                     |  1.XC7S100-1FGGA676I.pdf    |
|                     |  2.XC7S100-1FGGA676I.pdf    |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         | 899 pcs stock                                                                                                |
| Stock Condition     | Hong Kong                                                                                                    |
| Ship From           | DHL/Fedex/TNT/UPS/EMS                                                                                        |
| Shipment Way        |                                                                                                              |

REQUEST FOR QUOTATION

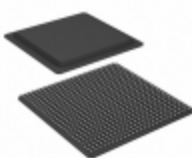
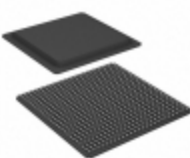
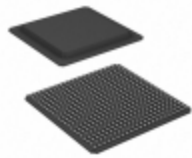
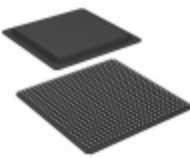
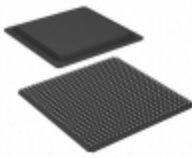
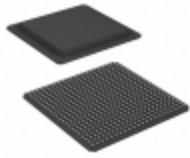
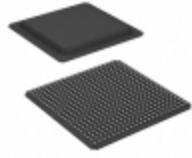
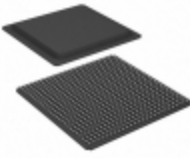
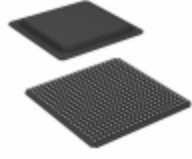
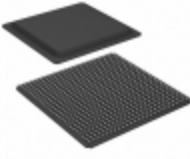
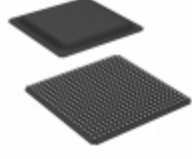
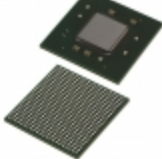
Specifications of XC7S100-1FGGA676I

|                                  |                                                                                                                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XC7S100-1FGGA676I                                                                                                                                                                                                          |
| MANUFACTURER                     | Xilinx                                                                                                                                                                                                                     |
| DESCRIPTION                      | XC7S100-1FGGA676I                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                 |
| QUANTITY AVAILABLE               | 899 pcs                                                                                                                                                                                                                    |
| DATA SHEET                       |  1.XC7S100-1FGGA676I.pdf<br> 2.XC7S100-1FGGA676I.pdf |
| VOLTAGE - SUPPLY                 | 0.95 V ~ 1.05 V                                                                                                                                                                                                            |
| TOTAL RAM BITS                   | 4423680                                                                                                                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 676-FPBGA (27x27)                                                                                                                                                                                                          |
| SERIES                           | Spartan®-7                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 676-BGA                                                                                                                                                                                                                    |
| OTHER NAMES                      | 122-2164<br>XC7S100-1FGGA676I-ND                                                                                                                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                         |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 102400                                                                                                                                                                                                                     |
| NUMBER OF LABS/CLBS              | 8000                                                                                                                                                                                                                       |
| NUMBER OF I/O                    | 400                                                                                                                                                                                                                        |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                 |

Related Tags

|                                 |                                      |                              |
|---------------------------------|--------------------------------------|------------------------------|
| Xilinx XC7S100-1FGGA676I        | XC7S100-1FGGA676I Distributor        | XC7S100-1FGGA676I Supplier   |
| XC7S100-1FGGA676I Price         | XC7S100-1FGGA676I Pictures           | XC7S100-1FGGA676I Image      |
| XC7S100-1FGGA676I PDF Datasheet | XC7S100-1FGGA676I Download Datasheet | XC7S100-1FGGA676I Datasheet  |
| XC7S100-1FGGA676I Stock         | Buy XC7S100-1FGGA676I                | Buy Xilinx XC7S100-1FGGA676I |
| Xilinx XC7S100-1FGGA676I        | Xilinx Supplier                      | Xilinx Distributor           |
| Xilinx XC7S100-1FGGA676I        | Xilinx Inc. XC7S100-1FGGA676I        |                              |

Related Products

|                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>XC7K70T-L2FBG676E</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 300 I/O 676FCBGA<br/>In stock: 441 pcs<br/><div>RFQ</div></div> |  <div><b>XC7S100-1FGGA676C</b><br/>Manufacturers: Xilinx<br/>Description: XC7S100-1FGGA676C<br/>In stock: 1004 pcs<br/><div>RFQ</div></div>       |
|  <div><b>XC7S100-1FGGA484I</b><br/>Manufacturers: Xilinx<br/>Description: XC7S100-1FGGA484I<br/>In stock: 881 pcs<br/><div>RFQ</div></div>        |  <div><b>XC7S100-L1FGGA676I</b><br/>Manufacturers: Xilinx<br/>Description: XC7S100-L1FGGA676I<br/>In stock: 804 pcs<br/><div>RFQ</div></div>      |
|  <div><b>XC7S100-2FGGA676C</b><br/>Manufacturers: Xilinx<br/>Description: XC7S100-2FGGA676C<br/>In stock: 784 pcs<br/><div>RFQ</div></div>        |  <div><b>XC7S100-L1FGGA484I</b><br/>Manufacturers: Xilinx<br/>Description: XC7S100-L1FGGA484I<br/>In stock: 800 pcs<br/><div>RFQ</div></div>      |
|  <div><b>XC7S100-1FGGA484C</b><br/>Manufacturers: Xilinx<br/>Description: XC7S100-1FGGA484C<br/>In stock: 1009 pcs<br/><div>RFQ</div></div>       |  <div><b>XC7S100-2FGGA676I</b><br/>Manufacturers: Xilinx<br/>Description: XC7S100-2FGGA676I<br/>In stock: 679 pcs<br/><div>RFQ</div></div>        |
|  <div><b>XC7S100-2FGGA484C</b><br/>Manufacturers: Xilinx<br/>Description: XC7S100-2FGGA484C<br/>In stock: 868 pcs<br/><div>RFQ</div></div>        |  <div><b>XC7K70T-3FBG676E</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 300 I/O 676FCBGA<br/>In stock: 333 pcs<br/><div>RFQ</div></div>  |
|  <div><b>XC7S100-2FGGA484I</b><br/>Manufacturers: Xilinx<br/>Description: XC7S100-2FGGA484I<br/>In stock: 689 pcs<br/><div>RFQ</div></div>        |  <div><b>XC7K70T-L2FBG484E</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 285 I/O 484FCBGA<br/>In stock: 576 pcs<br/><div>RFQ</div></div> |