

Xilinx  
ALL PROGRAMMABLE.

Xilinx

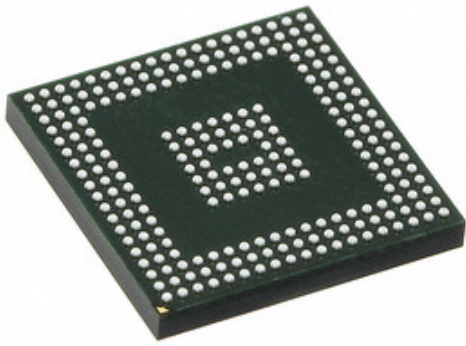


Image may be representation. See specifications for product details.

### XC7S50-1CSGA324Q

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | XC7S50-1CSGA324Q                                                                                             |
| Manufacturer/Brand: | Xilinx                                                                                                       |
| Product description | XC7S50-1CSGA324Q                                                                                             |
|                     |  1.XC7S50-1CSGA324Q.pdf     |
|                     |  2.XC7S50-1CSGA324Q.pdf     |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         |                                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

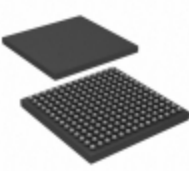
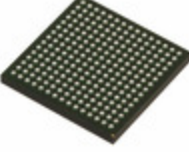
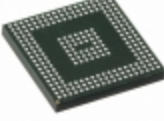
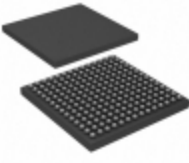
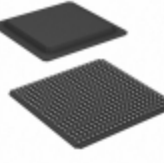
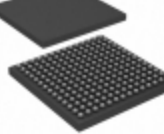
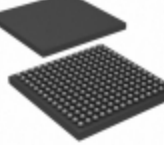
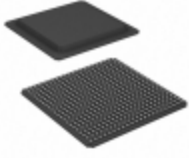
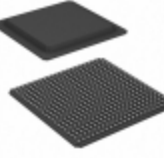
#### Specifications of XC7S50-1CSGA324Q

|                                 |                                                                                                                                                                                                                          |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                     | XC7S50-1CSGA324Q                                                                                                                                                                                                         |
| MANUFACTURER                    | Xilinx                                                                                                                                                                                                                   |
| DESCRIPTION                     | XC7S50-1CSGA324Q                                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS  | Lead free / RoHS Compliant                                                                                                                                                                                               |
| DATA SHEET                      |  1.XC7S50-1CSGA324Q.pdf<br> 2.XC7S50-1CSGA324Q.pdf |
| VOLTAGE - SUPPLY                | 0.95 V ~ 1.05 V                                                                                                                                                                                                          |
| TOTAL RAM BITS                  | 2764800                                                                                                                                                                                                                  |
| SUPPLIER DEVICE PACKAGE         | 324-CSGA (15x15)                                                                                                                                                                                                         |
| SERIES                          | Spartan®-7                                                                                                                                                                                                               |
| PACKAGE / CASE                  | 324-LFBGA, CSPBGA                                                                                                                                                                                                        |
| OPERATING TEMPERATURE           | -40°C ~ 125°C (TJ)                                                                                                                                                                                                       |
| NUMBER OF LOGIC ELEMENTS/CELLS  | 52160                                                                                                                                                                                                                    |
| NUMBER OF LABS/CLBS             | 4075                                                                                                                                                                                                                     |
| MOUNTING TYPE                   | Surface Mount                                                                                                                                                                                                            |
| MANUFACTURER STANDARD LEAD TIME | 12 Weeks                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS  | Lead free / RoHS Compliant                                                                                                                                                                                               |

#### Related Tags

|                                |                                     |                             |
|--------------------------------|-------------------------------------|-----------------------------|
| Xilinx XC7S50-1CSGA324Q        | XC7S50-1CSGA324Q Distributor        | XC7S50-1CSGA324Q Supplier   |
| XC7S50-1CSGA324Q Price         | XC7S50-1CSGA324Q Pictures           | XC7S50-1CSGA324Q Image      |
| XC7S50-1CSGA324Q PDF Datasheet | XC7S50-1CSGA324Q Download Datasheet | XC7S50-1CSGA324Q Datasheet  |
| XC7S50-1CSGA324Q Stock         | Buy XC7S50-1CSGA324Q                | Buy Xilinx XC7S50-1CSGA324Q |
| Xilinx XC7S50-1CSGA324Q        | Xilinx Supplier                     | Xilinx Distributor          |
| Xilinx XC7S50-1CSGA324Q        | Xilinx Inc. XC7S50-1CSGA324Q        |                             |

#### Related Products

|                                                                                                                                                                                                                   |                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>XC7S25-2FTGB196I</b><br/>Manufacturers: Xilinx<br/>Description: XC7S25-2FTGB196I<br/>In stock: 101 pcs<br/>RFQ</div>   |  <div><b>XC7S50-1CSGA324C</b><br/>Manufacturers: Xilinx<br/>Description: XC7S50-1CSGA324C<br/>In stock: 99 pcs<br/>RFQ</div>    |
|  <div><b>XC7S25-L1CSGA225I</b><br/>Manufacturers: Xilinx<br/>Description: XC7S25-L1CSGA225I<br/>In stock: 160 pcs<br/>RFQ</div> |  <div><b>XC7S50-1CSGA324I</b><br/>Manufacturers: Xilinx<br/>Description: XC7S50-1CSGA324I<br/>In stock: 150 pcs<br/>RFQ</div>   |
|  <div><b>XC7S25-L1FTGB196I</b><br/>Manufacturers: Xilinx<br/>Description: XC7S25-L1FTGB196I<br/>In stock: 126 pcs<br/>RFQ</div> |  <div><b>XC7S50-1FGGA484I</b><br/>Manufacturers: Xilinx<br/>Description: XC7S50-1FGGA484I<br/>In stock: 62 pcs<br/>RFQ</div>    |
|  <div><b>XC7S50-2CSGA324C</b><br/>Manufacturers: Xilinx<br/>Description: XC7S50-2CSGA324C<br/>In stock: 123 pcs<br/>RFQ</div>   |  <div><b>XC7S50-1FTGB196C</b><br/>Manufacturers: Xilinx<br/>Description: XC7S50-1FTGB196C<br/>In stock: 8 pcs<br/>RFQ</div>     |
|  <div><b>XC7S25-L1CSGA324I</b><br/>Manufacturers: Xilinx<br/>Description: XC7S25-L1CSGA324I<br/>In stock: 126 pcs<br/>RFQ</div> |  <div><b>XC7S50-1FTGB196I</b><br/>Manufacturers: Xilinx<br/>Description: XC7S50-1FTGB196I<br/>In stock: 25 pcs<br/>RFQ</div>    |
|  <div><b>XC7S50-1FGGA484C</b><br/>Manufacturers: Xilinx<br/>Description: XC7S50-1FGGA484C<br/>In stock: 28 pcs<br/>RFQ</div>    |  <div><b>XC7S50-1FGGA484Q</b><br/>Manufacturers: Xilinx<br/>Description: XC7S50-1FGGA484Q<br/>In stock: Out stock<br/>RFQ</div> |