



Xilinx



Image may be representation. See specifications for product details.

XC2S100-5TQG144I

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | XC2S100-5TQG144I                                                                                                       |
| Manufacturer/Brand: | Xilinx                                                                                                                 |
| Product description | IC FPGA 92 I/O 144TQFP                                                                                                 |
| Datasheets:         |  <a href="#">XC2S100-5TQG144I.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant           |
| Stock Condition     | 3595 pcs stock                                                                                                         |
| Ship From           | Hong Kong                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                  |

REQUEST FOR QUOTATION

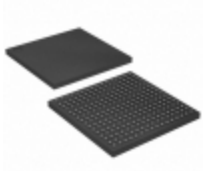
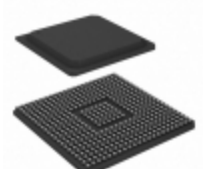
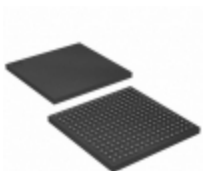
Specifications of XC2S100-5TQG144I

|                                  |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XC2S100-5TQG144I                                                                                                         |
| MANUFACTURER                     | Xilinx                                                                                                                   |
| DESCRIPTION                      | IC FPGA 92 I/O 144TQFP                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| QUANTITY AVAILABLE               | 3595 pcs                                                                                                                 |
| DATA SHEET                       |  <a href="#">XC2S100-5TQG144I.pdf</a> |
| VOLTAGE - SUPPLY                 | 2.375 V ~ 2.625 V                                                                                                        |
| TOTAL RAM BITS                   | 40960                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 144-TQFP (20x20)                                                                                                         |
| SERIES                           | Spartan®-II                                                                                                              |
| PACKAGE / CASE                   | 144-LQFP                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                       |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 2700                                                                                                                     |
| NUMBER OF LABS/CLBS              | 600                                                                                                                      |
| NUMBER OF I/O                    | 92                                                                                                                       |
| NUMBER OF GATES                  | 100000                                                                                                                   |
| MOUNTING TYPE                    | Surface Mount                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |

Related Tags

|                                |                                     |                             |
|--------------------------------|-------------------------------------|-----------------------------|
| Xilinx XC2S100-5TQG144I        | XC2S100-5TQG144I Distributor        | XC2S100-5TQG144I Supplier   |
| XC2S100-5TQG144I Price         | XC2S100-5TQG144I Pictures           | XC2S100-5TQG144I Image      |
| XC2S100-5TQG144I PDF Datasheet | XC2S100-5TQG144I Download Datasheet | XC2S100-5TQG144I Datasheet  |
| XC2S100-5TQG144I Stock         | Buy XC2S100-5TQG144I                | Buy Xilinx XC2S100-5TQG144I |
| Xilinx XC2S100-5TQG144I        | Xilinx Supplier                     | Xilinx Distributor          |
| Xilinx XC2S100-5TQG144I        | Xilinx Inc. XC2S100-5TQG144I        |                             |

Related Products

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                            |
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| <div><div>XILINX</div></div> <div><b>XC2S100-6PQG208C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 140 I/O 208QFP<br/>In stock: 3496 pcs</div> <div>RFQ</div> | <div><div>XILINX</div></div> <div><b>XC2S100-5TQ144I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 92 I/O 144TQFP<br/>In stock: 3237 pcs</div> <div>RFQ</div>  |
| <div><div>XILINX</div></div> <div><b>XC2S100-6TQ144C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 92 I/O 144TQFP<br/>In stock: 3135 pcs</div> <div>RFQ</div>  | <div></div> <div><b>XC2S100-6FG256C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 176 I/O 256FBGA<br/>In stock: 2246 pcs</div> <div>RFQ</div>                  |
| <div><div>XILINX</div></div> <div><b>XC2S100-5TQG144C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 92 I/O 144TQFP<br/>In stock: 4337 pcs</div> <div>RFQ</div> | <div><div>XILINX</div></div> <div><b>XC2S100-5PQG208I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 140 I/O 208QFP<br/>In stock: 3566 pcs</div> <div>RFQ</div> |
| <div><div>XILINX</div></div> <div><b>XC2S100-5PQ208I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 140 I/O 208QFP<br/>In stock: 2819 pcs</div> <div>RFQ</div>  | <div></div> <div><b>XC2S100-6FG456C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 196 I/O 456FBGA<br/>In stock: 4497 pcs</div> <div>RFQ</div>                  |
| <div><div>XILINX</div></div> <div><b>XC2S100-6PQ208C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 140 I/O 208QFP<br/>In stock: 2524 pcs</div> <div>RFQ</div>  | <div><div>XILINX</div></div> <div><b>XC2S100-5PQG208C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 140 I/O 208QFP<br/>In stock: 4133 pcs</div> <div>RFQ</div> |
| <div><div>XILINX</div></div> <div><b>XC2S100-5TQ144C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 92 I/O 144TQFP<br/>In stock: 3637 pcs</div> <div>RFQ</div>  | <div></div> <div><b>XC2S100-6FGG256C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 196 I/O 256FBGA<br/>In stock: 2449 pcs</div> <div>RFQ</div>                 |