



Xilinx



Image may be representation. See specifications for product details.

XC2S100E-6PQG208C

|                     |                                                                                                                         |
|---------------------|-------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | XC2S100E-6PQG208C                                                                                                       |
| Manufacturer/Brand: | Xilinx                                                                                                                  |
| Product description | IC FPGA 146 I/O 208QFP                                                                                                  |
| Datasheets:         |  <a href="#">XC2S100E-6PQG208C.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant            |
| Stock Condition     | 5231 pcs stock                                                                                                          |
| Ship From           | Hong Kong                                                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                   |

REQUEST FOR QUOTATION

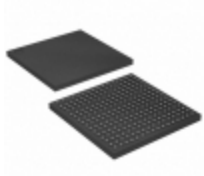
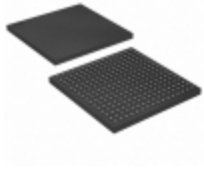
Specifications of XC2S100E-6PQG208C

|                                  |                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XC2S100E-6PQG208C                                                                                                         |
| MANUFACTURER                     | Xilinx                                                                                                                    |
| DESCRIPTION                      | IC FPGA 146 I/O 208QFP                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                |
| QUANTITY AVAILABLE               | 5231 pcs                                                                                                                  |
| DATA SHEET                       |  <a href="#">XC2S100E-6PQG208C.pdf</a> |
| VOLTAGE - SUPPLY                 | 1.71 V ~ 1.89 V                                                                                                           |
| TOTAL RAM BITS                   | 40960                                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 208-PQFP (28x28)                                                                                                          |
| SERIES                           | Spartan®-IIE                                                                                                              |
| PACKAGE / CASE                   | 208-BFQFP                                                                                                                 |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                           |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 2700                                                                                                                      |
| NUMBER OF LABS/CLBS              | 600                                                                                                                       |
| NUMBER OF I/O                    | 146                                                                                                                       |
| NUMBER OF GATES                  | 100000                                                                                                                    |
| MOUNTING TYPE                    | Surface Mount                                                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                |
| BASE PART NUMBER                 | XC2S100E                                                                                                                  |

Related Tags

|                                 |                                      |                              |
|---------------------------------|--------------------------------------|------------------------------|
| Xilinx XC2S100E-6PQG208C        | XC2S100E-6PQG208C Distributor        | XC2S100E-6PQG208C Supplier   |
| XC2S100E-6PQG208C Price         | XC2S100E-6PQG208C Pictures           | XC2S100E-6PQG208C Image      |
| XC2S100E-6PQG208C PDF Datasheet | XC2S100E-6PQG208C Download Datasheet | XC2S100E-6PQG208C Datasheet  |
| XC2S100E-6PQG208C Stock         | Buy XC2S100E-6PQG208C                | Buy Xilinx XC2S100E-6PQG208C |
| Xilinx XC2S100E-6PQG208C        | Xilinx Supplier                      | Xilinx Distributor           |
| Xilinx XC2S100E-6PQG208C        | Xilinx Inc. XC2S100E-6PQG208C        |                              |

Related Products

|                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>XC2S15-5TQ144I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 86 I/O 144TQFP<br/>In stock: 5732 pcs</div><div>RFQ</div></div>     | <div><div><b>XC2S15-5TQ144C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 86 I/O 144TQFP<br/>In stock: 6316 pcs</div><div>RFQ</div></div>      |
| <div><div><b>XC2S15-5CS144C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 86 I/O 144CSBGA<br/>In stock: 4813 pcs</div><div>RFQ</div></div>    | <div><div><b>XC2S100E-6PQG208C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 146 I/O 208QFP<br/>In stock: 5095 pcs</div><div>RFQ</div></div>   |
| <div><div><b>XC2S100E-6TQ144C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 102 I/O 144TQFP<br/>In stock: 3913 pcs</div><div>RFQ</div></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>XC2S15-5CS144I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 86 I/O 144CSBGA<br/>In stock: 4180 pcs</div><div>RFQ</div></div>    | <div><div><b>XC2S100-6TQG144C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 92 I/O 144TQFP<br/>In stock: 3909 pcs</div><div>RFQ</div></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><div><b>XC2S100E-6FTG256C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 182 I/O 256FTBGA<br/>In stock: 2928 pcs</div><div>RFQ</div></div> |
| <div><div><b>XC2S100E-6TQG144C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 102 I/O 144TQFP<br/>In stock: 6072 pcs</div><div>RFQ</div></div> | <div><div><b>XC2S100E-6FT256C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 182 I/O 256FTBGA<br/>In stock: 6750 pcs</div><div>RFQ</div></div>  |