



Xilinx

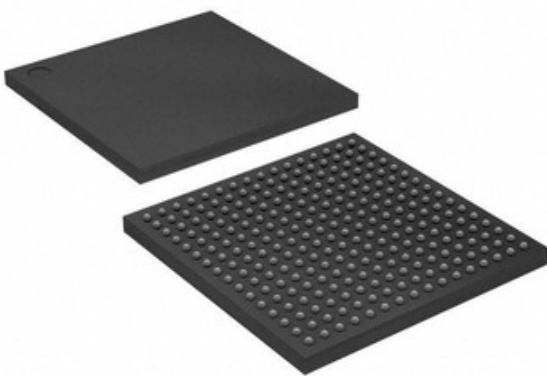


Image may be representation. See specifications for product details.

XC2S50-5FG256C

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | XC2S50-5FG256C                                                                                                       |
| Manufacturer/Brand: | Xilinx                                                                                                               |
| Product description | IC FPGA 176 I/O 256FBGA                                                                                              |
| Datasheets:         |  <a href="#">XC2S50-5FG256C.pdf</a> |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 3367 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

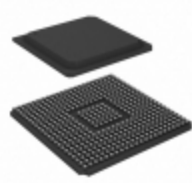
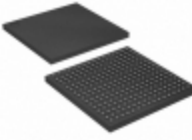
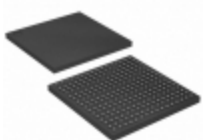
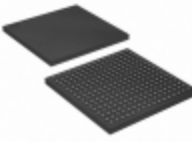
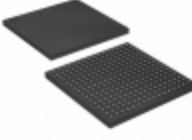
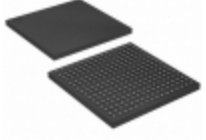
Specifications of XC2S50-5FG256C

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XC2S50-5FG256C                                                                                                         |
| MANUFACTURER                     | Xilinx                                                                                                                 |
| DESCRIPTION                      | IC FPGA 176 I/O 256FBGA                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                     |
| QUANTITY AVAILABLE               | 3367 pcs                                                                                                               |
| DATA SHEET                       |  <a href="#">XC2S50-5FG256C.pdf</a> |
| VOLTAGE - SUPPLY                 | 2.375 V ~ 2.625 V                                                                                                      |
| TOTAL RAM BITS                   | 32768                                                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 256-FBGA (17x17)                                                                                                       |
| SERIES                           | Spartan®-II                                                                                                            |
| PACKAGE / CASE                   | 256-BGA                                                                                                                |
| OTHER NAMES                      | 122-1223<br>XC2S50-5FG256C-ND                                                                                          |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                        |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 1728                                                                                                                   |
| NUMBER OF LABS/CLBS              | 384                                                                                                                    |
| NUMBER OF I/O                    | 176                                                                                                                    |
| NUMBER OF GATES                  | 50000                                                                                                                  |
| MOUNTING TYPE                    | Surface Mount                                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                     |
| BASE PART NUMBER                 | XC2S50                                                                                                                 |

Related Tags

|                              |                                   |                           |
|------------------------------|-----------------------------------|---------------------------|
| Xilinx XC2S50-5FG256C        | XC2S50-5FG256C Distributor        | XC2S50-5FG256C Supplier   |
| XC2S50-5FG256C Price         | XC2S50-5FG256C Pictures           | XC2S50-5FG256C Image      |
| XC2S50-5FG256C PDF Datasheet | XC2S50-5FG256C Download Datasheet | XC2S50-5FG256C Datasheet  |
| XC2S50-5FG256C Stock         | Buy XC2S50-5FG256C                | Buy Xilinx XC2S50-5FG256C |
| Xilinx XC2S50-5FG256C        | Xilinx Supplier                   | Xilinx Distributor        |
| Xilinx XC2S50-5FG256C        | Xilinx Inc. XC2S50-5FG256C        |                           |

Related Products

|                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>XC2S400E-6FGG456C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 329 I/O 456FBGA<br/>In stock: 3463 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>XC2S300E-6PQG208I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 146 I/O 208QFP<br/>In stock: 5889 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>XC2S50-5FGG256I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 176 I/O 256FBGA<br/>In stock: 3806 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>XC2S50-5PQ208I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 140 I/O 208QFP<br/>In stock: 3686 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>XC2S50-5PQ208C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 140 I/O 208QFP<br/>In stock: 4090 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>XC2S400E-6FT256C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 182 I/O 256FTBGA<br/>In stock: 3768 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>XC2S50-5FG256I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 176 I/O 256FBGA<br/>In stock: 3147 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>XC2S300E-6PQ208C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 146 I/O 208QFP<br/>In stock: 7038 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>XC2S50-5PQG208C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 140 I/O 208QFP<br/>In stock: 4662 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>XC2S300E-6PQG208C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 146 I/O 208QFP<br/>In stock: 4317 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>XC2S300E-6FTG256C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 182 I/O 256FTBGA<br/>In stock: 4395 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>XC2S50-5FGG256C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 176 I/O 256FBGA<br/>In stock: 4471 pcs<br/><div>RFQ</div></div>   |