



Xilinx



Image may be representation. See specifications for product details.

XC2C512-7PQ208C

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | XC2C512-7PQ208C                                                                                                      |
| Manufacturer/Brand: | Xilinx                                                                                                               |
| Product description | IC CPLD 512MC 7.1NS 208QFP                                                                                           |
|                     |  1.XC2C512-7PQ208C.pdf              |
|                     |  2.XC2C512-7PQ208C.pdf              |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 986 pcs stock                                                                                                        |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

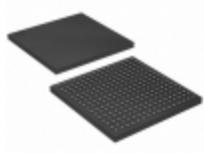
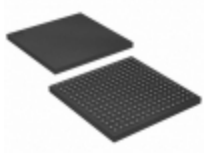
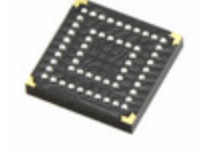
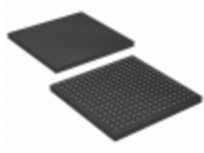
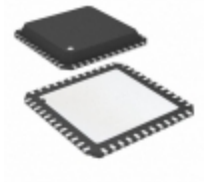
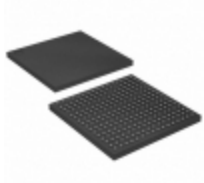
Specifications of XC2C512-7PQ208C

|                                  |                                                                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XC2C512-7PQ208C                                                                                                                                                                                                        |
| MANUFACTURER                     | Xilinx                                                                                                                                                                                                                 |
| DESCRIPTION                      | IC CPLD 512MC 7.1NS 208QFP                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                     |
| QUANTITY AVAILABLE               | 986 pcs                                                                                                                                                                                                                |
| DATA SHEET                       |  1.XC2C512-7PQ208C.pdf<br> 2.XC2C512-7PQ208C.pdf |
| VOLTAGE SUPPLY - INTERNAL        | 1.7 V ~ 1.9 V                                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 208-PQFP (28x28)                                                                                                                                                                                                       |
| SERIES                           | CoolRunner II                                                                                                                                                                                                          |
| PROGRAMMABLE TYPE                | In System Programmable                                                                                                                                                                                                 |
| PACKAGING                        | Tray                                                                                                                                                                                                                   |
| PACKAGE / CASE                   | 208-BFQFP                                                                                                                                                                                                              |
| OPERATING TEMPERATURE            | 0°C ~ 70°C (TA)                                                                                                                                                                                                        |
| NUMBER OF MACROCELLS             | 512                                                                                                                                                                                                                    |
| NUMBER OF LOGIC ELEMENTS/BLOCKS  | 32                                                                                                                                                                                                                     |
| NUMBER OF I/O                    | 173                                                                                                                                                                                                                    |
| NUMBER OF GATES                  | 12000                                                                                                                                                                                                                  |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                     |
| DELAY TIME TPD(1) MAX            | 7.1ns                                                                                                                                                                                                                  |
| BASE PART NUMBER                 | XC2C512                                                                                                                                                                                                                |

Related Tags

|                               |                                    |                            |
|-------------------------------|------------------------------------|----------------------------|
| Xilinx XC2C512-7PQ208C        | XC2C512-7PQ208C Distributor        | XC2C512-7PQ208C Supplier   |
| XC2C512-7PQ208C Price         | XC2C512-7PQ208C Pictures           | XC2C512-7PQ208C Image      |
| XC2C512-7PQ208C PDF Datasheet | XC2C512-7PQ208C Download Datasheet | XC2C512-7PQ208C Datasheet  |
| XC2C512-7PQ208C Stock         | Buy XC2C512-7PQ208C                | Buy Xilinx XC2C512-7PQ208C |
| Xilinx XC2C512-7PQ208C        | Xilinx Supplier                    | Xilinx Distributor         |
| Xilinx XC2C512-7PQ208C        | Xilinx Inc. XC2C512-7PQ208C        |                            |

Related Products

|                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>XC2C512-7FTG256C</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 512MC 7.1NS 256BGA<br/>In stock: 1000 pcs<br/><b>RFQ</b></div> |  <div><b>XC2C512-7FT256I</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 512MC 7.1NS 256BGA<br/>In stock: 712 pcs<br/><b>RFQ</b></div>    |
|  <div><b>XC2C512-7FGG324C</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 512MC 7.1NS 324FBGA<br/>In stock: 790 pcs<br/><b>RFQ</b></div> |  <div><b>XC2C512-7PQG208C</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 512MC 7.1NS 208QFP<br/>In stock: 922 pcs<br/><b>RFQ</b></div>   |
|  <div><b>XC2C64A-5CP56C</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 64MC 4.6NS 56BGA<br/>In stock: 17713 pcs<br/><b>RFQ</b></div>    |  <div><b>XC2C64A-5CPG56C</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 64MC 4.6NS 56CSBGA<br/>In stock: 17728 pcs<br/><b>RFQ</b></div>  |
|  <div><b>XC2C512-7FT256C</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 512MC 7.1NS 256BGA<br/>In stock: 836 pcs<br/><b>RFQ</b></div>   |  <div><b>XC2C64A-5VQ44C</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 64MC 4.6NS 44VQFP<br/>In stock: 18331 pcs<br/><b>RFQ</b></div>    |
|  <div><b>XC2C64A-5VQ100C</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 64MC 4.6NS 100VQFP<br/>In stock: 15245 pcs<br/><b>RFQ</b></div> |  <div><b>XC2C64A-5QFG48C</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 64MC 4.6NS 48QFN<br/>In stock: 18080 pcs<br/><b>RFQ</b></div>    |
|  <div><b>XC2C512-7FG324C</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 512MC 7.1NS 324BGA<br/>In stock: 895 pcs<br/><b>RFQ</b></div>   |  <div><b>XC2C512-7FTG256I</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 512MC 7.1NS 256FTBGA<br/>In stock: 871 pcs<br/><b>RFQ</b></div> |