



Xilinx



Image may be representation. See specifications for product details.

XCR3128XL-6CSG144C

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | XCR3128XL-6CSG144C                                                                                           |
| Manufacturer/Brand: | Xilinx                                                                                                       |
| Product description | IC CPLD 128MC 144BGA                                                                                         |
| Datasheets:         |  1.XCR3128XL-6CSG144C.pdf   |
|                     |  2.XCR3128XL-6CSG144C.pdf   |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3788 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of XCR3128XL-6CSG144C

|                                  |                                                                                                                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XCR3128XL-6CSG144C                                                                                                                                                                                                           |
| MANUFACTURER                     | Xilinx                                                                                                                                                                                                                       |
| DESCRIPTION                      | IC CPLD 128MC 144BGA                                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                   |
| QUANTITY AVAILABLE               | 3788 pcs                                                                                                                                                                                                                     |
| DATA SHEET                       |  1.XCR3128XL-6CSG144C.pdf<br> 2.XCR3128XL-6CSG144C.pdf |
| VOLTAGE SUPPLY - INTERNAL        | 3 V ~ 3.6 V                                                                                                                                                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 144-LCSBGA (12x12)                                                                                                                                                                                                           |
| SERIES                           | CoolRunner XPLA3                                                                                                                                                                                                             |
| PROGRAMMABLE TYPE                | In System Programmable (min 1K program/erase cycles)                                                                                                                                                                         |
| PACKAGING                        | Tray                                                                                                                                                                                                                         |
| PACKAGE / CASE                   | 144-TFBGA, CSPBGA                                                                                                                                                                                                            |
| OPERATING TEMPERATURE            | 0°C ~ 70°C (TA)                                                                                                                                                                                                              |
| NUMBER OF MACROCELLS             | 128                                                                                                                                                                                                                          |
| NUMBER OF LOGIC ELEMENTS/BLOCKS  | 8                                                                                                                                                                                                                            |
| NUMBER OF I/O                    | 108                                                                                                                                                                                                                          |
| NUMBER OF GATES                  | 3000                                                                                                                                                                                                                         |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                   |
| DELAY TIME TPD(1) MAX            | 5.5ns                                                                                                                                                                                                                        |

Related Tags

|                                  |                                       |                               |
|----------------------------------|---------------------------------------|-------------------------------|
| Xilinx XCR3128XL-6CSG144C        | XCR3128XL-6CSG144C Distributor        | XCR3128XL-6CSG144C Supplier   |
| XCR3128XL-6CSG144C Price         | XCR3128XL-6CSG144C Pictures           | XCR3128XL-6CSG144C Image      |
| XCR3128XL-6CSG144C PDF Datasheet | XCR3128XL-6CSG144C Download Datasheet | XCR3128XL-6CSG144C Datasheet  |
| XCR3128XL-6CSG144C Stock         | Buy XCR3128XL-6CSG144C                | Buy Xilinx XCR3128XL-6CSG144C |
| Xilinx XCR3128XL-6CSG144C        | Xilinx Supplier                       | Xilinx Distributor            |
| Xilinx XCR3128XL-6CSG144C        | Xilinx Inc. XCR3128XL-6CSG144C        |                               |

Related Products

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| <div><div><b>XCR3128XL-6TQG144C</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 128MC 144TQFP<br/>In stock: 4090 pcs</div><div>RFQ</div></div>        | <div><div><b>XCR3128XL-10TQG144I</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 128MC 9.1NS 144TQFP<br/>In stock: 5417 pcs</div><div>RFQ</div></div> |
| <div><div><b>XCR3128XL-7CS144C</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 128MC 7NS 144BGA<br/>In stock: 4502 pcs</div><div>RFQ</div></div>      | <div><div><b>XCR3128XL-10VQ100I</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 128MC 9.1NS 100VQFP<br/>In stock: 6197 pcs</div><div>RFQ</div></div>  |
| <div><div><b>XCR3128XL-6CS144C</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 128MC 144BGA<br/>In stock: 3742 pcs</div><div>RFQ</div></div>          | <div><div><b>XCR3128XL-10VQG100C</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 128MC 9.1NS 100VQFP<br/>In stock: 6880 pcs</div><div>RFQ</div></div> |
| <div><div><b>XCR3128XL-6VQG100C</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 128MC 100VQFP<br/>In stock: 4486 pcs</div><div>RFQ</div></div>        | <div><div><b>XCR3128XL-10VQ100C</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 128MC 9.1NS 100VQFP<br/>In stock: 7706 pcs</div><div>RFQ</div></div>  |
| <div><div><b>XCR3128XL-6TQ144C</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 128MC 144TQFP<br/>In stock: 3992 pcs</div><div>RFQ</div></div>         | <div><div><b>XCR3128XL-6VQ100C</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 128MC 100VQFP<br/>In stock: 4101 pcs</div><div>RFQ</div></div>         |
| <div><div><b>XCR3128XL-10VQG100I</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 128MC 9.1NS 100VQFP<br/>In stock: 5533 pcs</div><div>RFQ</div></div> | <div><div><b>XCR3128XL-7CS144I</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 128MC 7NS 144BGA<br/>In stock: 3963 pcs</div><div>RFQ</div></div>      |