



XCR3512XL-12FGG324I

|                     |                                                                                                                                                                                                                                                       |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | XCR3512XL-12FGG324I                                                                                                                                                                                                                                   |
| Manufacturer/Brand: | Xilinx                                                                                                                                                                                                                                                |
| Product description | IC CPLD 512MC 10.8NS 324BGA                                                                                                                                                                                                                           |
| Datasheets:         | <div><div>1.XCR3512XL-12FGG324I.pdf</div><div>2.XCR3512XL-12FGG324I.pdf</div></div> |
| RoHs Status         | <div><div>Lead free / RoHS Compliant</div></div>                                                                                                                     |
| Stock Condition     | 965 pcs stock                                                                                                                                                                                                                                         |
| Ship From           | Hong Kong                                                                                                                                                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                 |

REQUEST FOR QUOTATION

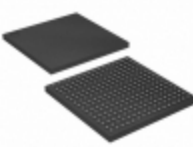
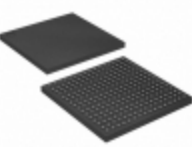
Specifications of XCR3512XL-12FGG324I

|                                  |                                                                                                                                                                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XCR3512XL-12FGG324I                                                                                                                                                                                                                                       |
| MANUFACTURER                     | Xilinx Inc.                                                                                                                                                                                                                                               |
| DESCRIPTION                      | IC CPLD 512MC 10.8NS 324BGA                                                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                |
| QUANTITY AVAILABLE               | 965 pcs                                                                                                                                                                                                                                                   |
| DATA SHEET                       | <div><div>1.XCR3512XL-12FGG324I.pdf</div><div>2.XCR3512XL-12FGG324I.pdf</div></div> |
| VOLTAGE SUPPLY - INTERNAL        | 10.8ns                                                                                                                                                                                                                                                    |
| VOLTAGE - BREAKDOWN              | 324-FBGA (23x23)                                                                                                                                                                                                                                          |
| SERIES                           | CoolRunner XPLA3                                                                                                                                                                                                                                          |
| ROHS STATUS                      | Tray                                                                                                                                                                                                                                                      |
| POLARIZATION                     | 324-BBGA                                                                                                                                                                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                         |
| NUMBER OF MACROCELLS             | 32                                                                                                                                                                                                                                                        |
| NUMBER OF LOGIC ELEMENTS/BLOCKS  | 2.7 V ~ 3.6 V                                                                                                                                                                                                                                             |
| NUMBER OF I/O                    | 12000                                                                                                                                                                                                                                                     |
| NUMBER OF GATES                  | 512                                                                                                                                                                                                                                                       |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                             |
| MANUFACTURER PART NUMBER         | XCR3512XL-12FGG324I                                                                                                                                                                                                                                       |
| DESCRIPTION                      | IC CPLD 512MC 10.8NS 324BGA                                                                                                                                                                                                                               |
| CLOCK RATE                       | 260                                                                                                                                                                                                                                                       |
| AVAILABLE FREQUENCY RANGE        | In System Programmable (min 1K program/erase cycles)                                                                                                                                                                                                      |

Related Tags

|                                   |                                        |                                |
|-----------------------------------|----------------------------------------|--------------------------------|
| Xilinx XCR3512XL-12FGG324I        | XCR3512XL-12FGG324I Distributor        | XCR3512XL-12FGG324I Supplier   |
| XCR3512XL-12FGG324I Price         | XCR3512XL-12FGG324I Pictures           | XCR3512XL-12FGG324I Image      |
| XCR3512XL-12FGG324I PDF Datasheet | XCR3512XL-12FGG324I Download Datasheet | XCR3512XL-12FGG324I Datasheet  |
| XCR3512XL-12FGG324I Stock         | Buy XCR3512XL-12FGG324I                | Buy Xilinx XCR3512XL-12FGG324I |
| Xilinx XCR3512XL-12FGG324I        | Xilinx Supplier                        | Xilinx Distributor             |
| Xilinx XCR3512XL-12FGG324I        | Xilinx Inc. XCR3512XL-12FGG324I        |                                |

Related Products

|                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><div>Xilinx Inc.</div></div><div><div><b>XCR3512XL-12FGG324I</b></div><div>Manufacturers: Xilinx</div><div>Description: IC CPLD 512MC 10.8NS 324BGA</div><div>In stock: 719 pcs</div><div>RFQ</div></div></div> | <div><div><div>Xilinx</div></div><div><div><b>XCR3512XL-10PQG208C</b></div><div>Manufacturers: Xilinx</div><div>Description: IC CPLD 512MC 9NS 208QFP</div><div>In stock: 844 pcs</div><div>RFQ</div></div></div>               |
| <div><div><div>Xilinx</div></div><div><div><b>XCR3512XL-12PQ208C</b></div><div>Manufacturers: Xilinx</div><div>Description: IC CPLD 512MC 10.8NS 208QFP</div><div>In stock: 973 pcs</div><div>RFQ</div></div></div>       | <div><div><div>Xilinx Inc.</div></div><div><div><b>XCR3512XL-12FGG324C</b></div><div>Manufacturers: Xilinx Inc.</div><div>Description: IC CPLD 512MC 10.8NS 324BGA</div><div>In stock: 1065 pcs</div><div>RFQ</div></div></div> |
| <div><div><div>Xilinx</div></div><div><div><b>XCR3512XL-10PQG208I</b></div><div>Manufacturers: Xilinx</div><div>Description: IC CPLD 512MC 9NS 208QFP</div><div>In stock: 801 pcs</div><div>RFQ</div></div></div>         | <div><div><div>Xilinx</div></div><div><div><b>XCR3512XL-12FG324C</b></div><div>Manufacturers: Xilinx</div><div>Description: IC CPLD 512MC 10.8NS 324BGA</div><div>In stock: 928 pcs</div><div>RFQ</div></div></div>             |
| <div><div><div>Xilinx</div></div><div><div><b>XCR3512XL-12FT256I</b></div><div>Manufacturers: Xilinx</div><div>Description: IC CPLD 512MC 10.8NS 256BGA</div><div>In stock: 761 pcs</div><div>RFQ</div></div></div>       | <div><div><div>Xilinx</div></div><div><div><b>XCR3512XL-12PQ208I</b></div><div>Manufacturers: Xilinx</div><div>Description: IC CPLD 512MC 10.8NS 208QFP</div><div>In stock: 894 pcs</div><div>RFQ</div></div></div>             |
| <div><div><div>Xilinx</div></div><div><div><b>XCR3512XL-10PQ208I</b></div><div>Manufacturers: Xilinx</div><div>Description: IC CPLD 512MC 9NS 208QFP</div><div>In stock: 762 pcs</div><div>RFQ</div></div></div>          | <div><div><div>Xilinx</div></div><div><div><b>XCR3512XL-12FT256C</b></div><div>Manufacturers: Xilinx</div><div>Description: IC CPLD 512MC 10.8NS 256BGA</div><div>In stock: 1040 pcs</div><div>RFQ</div></div></div>            |
| <div><div><div>Xilinx</div></div><div><div><b>XCR3512XL-12FTG256C</b></div><div>Manufacturers: Xilinx</div><div>Description: IC CPLD 512MC 10.8NS 256BGA</div><div>In stock: 1018 pcs</div><div>RFQ</div></div></div>     | <div><div><div>Xilinx</div></div><div><div><b>XCR3512XL-12FTG256I</b></div><div>Manufacturers: Xilinx</div><div>Description: IC CPLD 512MC 10.8NS 256BGA</div><div>In stock: 862 pcs</div><div>RFQ</div></div></div>            |