



Xilinx

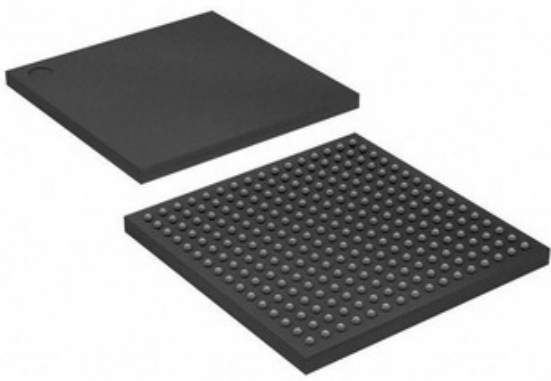


Image may be representation. See specifications for product details.

XC2C512-7FTG256I

|                     |                                                                                                 |
|---------------------|-------------------------------------------------------------------------------------------------|
| Part Number:        | XC2C512-7FTG256I                                                                                |
| Manufacturer/Brand: | Xilinx                                                                                          |
| Product description | IC CPLD 512MC 7.1NS 256FTBGA                                                                    |
| Datasheets:         | <div><div>PDF</div>1.XC2C512-7FTG256I.pdf</div> <div><div>PDF</div>2.XC2C512-7FTG256I.pdf</div> |
| RoHs Status         | <div><div>RoHS</div>Lead free / RoHS Compliant</div>                                            |
| Stock Condition     | 871 pcs stock                                                                                   |
| Ship From           | Hong Kong                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                           |

REQUEST FOR QUOTATION

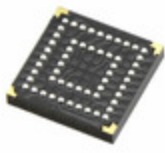
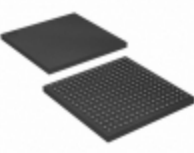
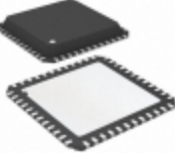
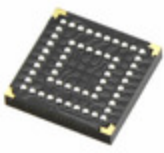
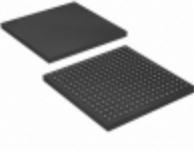
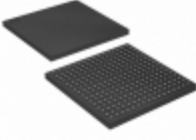
Specifications of XC2C512-7FTG256I

|                                  |                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XC2C512-7FTG256I                                                                                |
| MANUFACTURER                     | Xilinx                                                                                          |
| DESCRIPTION                      | IC CPLD 512MC 7.1NS 256FTBGA                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                      |
| QUANTITY AVAILABLE               | 871 pcs                                                                                         |
| DATA SHEET                       | <div><div>PDF</div>1.XC2C512-7FTG256I.pdf</div> <div><div>PDF</div>2.XC2C512-7FTG256I.pdf</div> |
| VOLTAGE SUPPLY - INTERNAL        | 1.7 V ~ 1.9 V                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 256-FTBGA (17x17)                                                                               |
| SERIES                           | CoolRunner II                                                                                   |
| PROGRAMMABLE TYPE                | In System Programmable                                                                          |
| PACKAGING                        | Tray                                                                                            |
| PACKAGE / CASE                   | 256-LBGA                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                               |
| NUMBER OF MACROCELLS             | 512                                                                                             |
| NUMBER OF LOGIC ELEMENTS/BLOCKS  | 32                                                                                              |
| NUMBER OF I/O                    | 212                                                                                             |
| NUMBER OF GATES                  | 12000                                                                                           |
| 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            | 7.1ns                                                                                           |
| BASE PART NUMBER                 | XC2C512                                                                                         |

Related Tags

|                                |                                     |                             |
|--------------------------------|-------------------------------------|-----------------------------|
| Xilinx XC2C512-7FTG256I        | XC2C512-7FTG256I Distributor        | XC2C512-7FTG256I Supplier   |
| XC2C512-7FTG256I Price         | XC2C512-7FTG256I Pictures           | XC2C512-7FTG256I Image      |
| XC2C512-7FTG256I PDF Datasheet | XC2C512-7FTG256I Download Datasheet | XC2C512-7FTG256I Datasheet  |
| XC2C512-7FTG256I Stock         | Buy XC2C512-7FTG256I                | Buy Xilinx XC2C512-7FTG256I |
| Xilinx XC2C512-7FTG256I        | Xilinx Supplier                     | Xilinx Distributor          |
| Xilinx XC2C512-7FTG256I        | Xilinx Inc. XC2C512-7FTG256I        |                             |

Related Products

|                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>XC2C64A-5CPG56C</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 64MC 4.6NS 56CSBGA<br/>In stock: 17728 pcs</div><div>RFQ</div></div> | <div><div><b>XC2C512-7FTG256C</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 512MC 7.1NS 256BGA<br/>In stock: 1000 pcs</div><div>RFQ</div></div>  |
| <div><div><b>XC2C64A-5VQ100C</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 64MC 4.6NS 100VQFP<br/>In stock: 15245 pcs</div><div>RFQ</div></div> | <div><div><b>XC2C512-10PQG208I</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 512MC 9.2NS 208QFP<br/>In stock: 1189 pcs</div><div>RFQ</div></div> |
| <div><div><b>XC2C64A-5QFG48C</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 64MC 4.6NS 48QFN<br/>In stock: 18080 pcs</div><div>RFQ</div></div>   | <div><div><b>XC2C64A-5CP56C</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 64MC 4.6NS 56BGA<br/>In stock: 17713 pcs</div><div>RFQ</div></div>     |
| <div><div><b>XC2C512-7FG324C</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 512MC 7.1NS 324BGA<br/>In stock: 895 pcs</div><div>RFQ</div></div>   | <div><div><b>XC2C512-7FGG324C</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 512MC 7.1NS 324FBGA<br/>In stock: 790 pcs</div><div>RFQ</div></div>  |
| <div><div><b>XC2C512-7PQG208C</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 512MC 7.1NS 208QFP<br/>In stock: 922 pcs</div><div>RFQ</div></div>  | <div><div><b>XC2C512-7FT256I</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 512MC 7.1NS 256BGA<br/>In stock: 712 pcs</div><div>RFQ</div></div>    |
| <div><div><b>XC2C512-7FT256C</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 512MC 7.1NS 256BGA<br/>In stock: 836 pcs</div><div>RFQ</div></div>   | <div><div><b>XC2C512-7PQ208C</b><br/>Manufacturers: Xilinx<br/>Description: IC CPLD 512MC 7.1NS 208QFP<br/>In stock: 986 pcs</div><div>RFQ</div></div>    |