



Xilinx



Image may be representation. See specifications for product details.

XC2C256-6TQ144C

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | XC2C256-6TQ144C                                                                                                      |
| Manufacturer/Brand: | Xilinx                                                                                                               |
| Product description | IC CPLD 256MC 5.7NS 144QFP                                                                                           |
| Datasheets:         |  1.XC2C256-6TQ144C.pdf              |
|                     |  2.XC2C256-6TQ144C.pdf              |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 2844 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

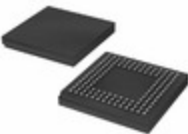
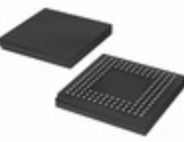
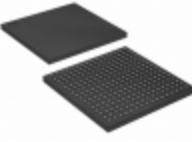
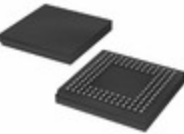
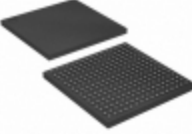
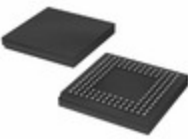
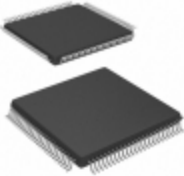
Specifications of XC2C256-6TQ144C

|                                  |                                                                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XC2C256-6TQ144C                                                                                                                                                                                                        |
| MANUFACTURER                     | Xilinx                                                                                                                                                                                                                 |
| DESCRIPTION                      | IC CPLD 256MC 5.7NS 144QFP                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                     |
| QUANTITY AVAILABLE               | 2844 pcs                                                                                                                                                                                                               |
| DATA SHEET                       |  1.XC2C256-6TQ144C.pdf<br> 2.XC2C256-6TQ144C.pdf |
| VOLTAGE SUPPLY - INTERNAL        | 1.7 V ~ 1.9 V                                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 144-TQFP (20x20)                                                                                                                                                                                                       |
| SERIES                           | CoolRunner II                                                                                                                                                                                                          |
| PROGRAMMABLE TYPE                | In System Programmable                                                                                                                                                                                                 |
| PACKAGING                        | Tray                                                                                                                                                                                                                   |
| PACKAGE / CASE                   | 144-LQFP                                                                                                                                                                                                               |
| OPERATING TEMPERATURE            | 0°C ~ 70°C (TA)                                                                                                                                                                                                        |
| NUMBER OF MACROCELLS             | 256                                                                                                                                                                                                                    |
| NUMBER OF LOGIC ELEMENTS/BLOCKS  | 16                                                                                                                                                                                                                     |
| NUMBER OF I/O                    | 118                                                                                                                                                                                                                    |
| NUMBER OF GATES                  | 6000                                                                                                                                                                                                                   |
| 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            | 5.7ns                                                                                                                                                                                                                  |
| BASE PART NUMBER                 | XC2C256                                                                                                                                                                                                                |

Related Tags

|                               |                                    |                            |
|-------------------------------|------------------------------------|----------------------------|
| Xilinx XC2C256-6TQ144C        | XC2C256-6TQ144C Distributor        | XC2C256-6TQ144C Supplier   |
| XC2C256-6TQ144C Price         | XC2C256-6TQ144C Pictures           | XC2C256-6TQ144C Image      |
| XC2C256-6TQ144C PDF Datasheet | XC2C256-6TQ144C Download Datasheet | XC2C256-6TQ144C Datasheet  |
| XC2C256-6TQ144C Stock         | Buy XC2C256-6TQ144C                | Buy Xilinx XC2C256-6TQ144C |
| Xilinx XC2C256-6TQ144C        | Xilinx Supplier                    | Xilinx Distributor         |
| Xilinx XC2C256-6TQ144C        | Xilinx Inc. XC2C256-6TQ144C        |                            |

Related Products

|                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>XC2C256-6PQ208C</div><div>Manufacturers: Xilinx<br/>Description: IC CPLD 256MC 5.7NS 208QFP<br/>In stock: 3261 pcs</div><div>RFQ</div></div>    | <div><div>XC2C256-7CP132I</div><div>Manufacturers: Xilinx<br/>Description: IC CPLD 256MC 6.7NS 132BGA<br/>In stock: 3461 pcs</div><div>RFQ</div></div>    |
| <div><div>XC2C256-6VQ100C</div><div>Manufacturers: Xilinx<br/>Description: IC CPLD 256MC 5.7NS 100VQFP<br/>In stock: 3375 pcs</div><div>RFQ</div></div>   | <div><div>XC2C256-6PQG208C</div><div>Manufacturers: Xilinx<br/>Description: IC CPLD 256MC 5.7NS 208QFP<br/>In stock: 3594 pcs</div><div>RFQ</div></div>   |
| <div><div>XC2C256-7CP132C</div><div>Manufacturers: Xilinx<br/>Description: IC CPLD 256MC 6.7NS 132BGA<br/>In stock: 3195 pcs</div><div>RFQ</div></div>    | <div><div>XC2C256-6FT256C</div><div>Manufacturers: Xilinx<br/>Description: IC CPLD 256MC 5.7NS 256BGA<br/>In stock: 2871 pcs</div><div>RFQ</div></div>    |
| <div><div>XC2C256-6CPG132C</div><div>Manufacturers: Xilinx<br/>Description: IC CPLD 256MC 5.7NS 132CSBGA<br/>In stock: 2627 pcs</div><div>RFQ</div></div> | <div><div>XC2C256-6FTG256C</div><div>Manufacturers: Xilinx<br/>Description: IC CPLD 256MC 5.7NS 256FTBGA<br/>In stock: 3084 pcs</div><div>RFQ</div></div> |
| <div><div>XC2C256-6CP132C</div><div>Manufacturers: Xilinx<br/>Description: IC CPLD 256MC 5.7NS 132BGA<br/>In stock: 2734 pcs</div><div>RFQ</div></div>    | <div><div>XC2C256-7CPG132C</div><div>Manufacturers: Xilinx<br/>Description: IC CPLD 256MC 6.7NS 132BGA<br/>In stock: 3264 pcs</div><div>RFQ</div></div>   |
| <div><div>XC2C256-6TQG144C</div><div>Manufacturers: Xilinx<br/>Description: IC CPLD 256MC 5.7NS 144TQFP<br/>In stock: 2929 pcs</div><div>RFQ</div></div>  | <div><div>XC2C256-6VQG100C</div><div>Manufacturers: Xilinx<br/>Description: IC CPLD 256MC 5.7NS 100VQFP<br/>In stock: 3376 pcs</div><div>RFQ</div></div>  |