



**XC3S1000-4FGG456C**

|                                 |  |
|---------------------------------|--|
| Manufacturer Part Number:       | XC3S1000-4FGG456C  |
| Manufacturer / Brand:           | Xilinx   |
| Part of Description:            | IC FPGA 333 I/O 456FBGA  |
| Datasheets:                     | <a href="#">XC3S1000-4FGG456C(1).pdf</a><br><a href="#">XC3S1000-4FGG456C(2).pdf</a><br><a href="#">XC3S1000-4FGG456C(3).pdf</a> |
| Lead Free Status / RoHS Status: | Lead free / RoHS Compliant   |
| Stock Condition:                | New original, 100 pcs Stock Available.   |
| Ship From:                      | Hong Kong  |
| Shipment Way:                   | DHL/Fedex/TNT/UPS  |

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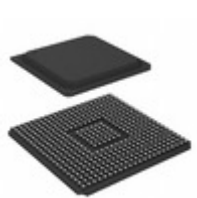
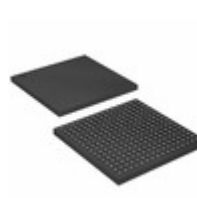
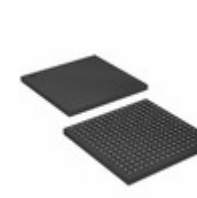
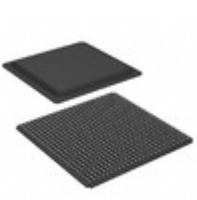
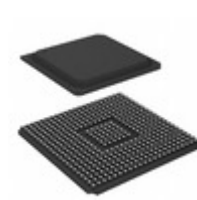

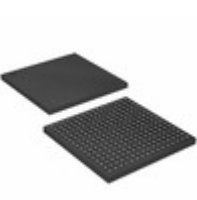
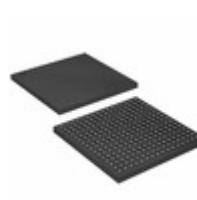

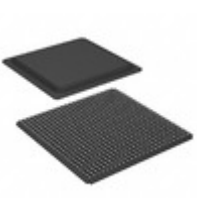






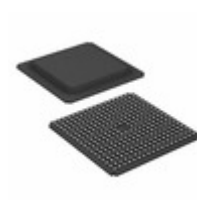



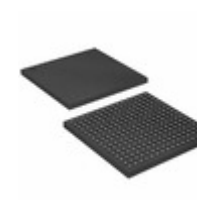

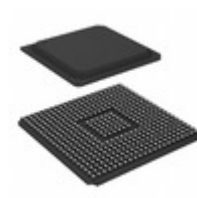

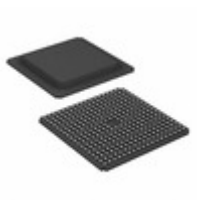
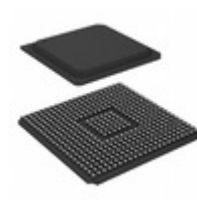

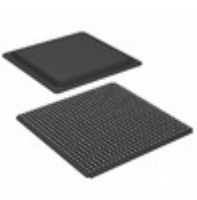

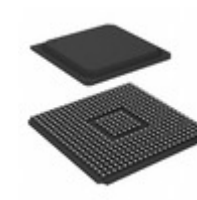
The specifications of XC3S1000-4FGG456C

|                       |                         |                                  |   |
|-----------------------|-------------------------|----------------------------------|---|
| Part Number           | XC3S1000-4FGG456C       | Manufacturer / Brand             | Xilinx  |
| Series                | Spartan®3               | Moisture Sensitivity Level (MSL) | 3 (168 Hours)   |
| Base Part Number      | XC3S1000                | Package / Case                   | 456-BBGA  |
| Mounting Type         | Surface Mount           | Supplier Device Package          | 456-FBGA (23x23)  |
| Operating Temperature | 0°C ~ 85°C (TJ)         | Voltage - Supply                 | 1.14 V ~ 1.26 V   |
| Number of Gates       | 1000000                 | Number of I/O                    | 333   |
| Number of LABs/CLBs   | 1920                    | Number of Logic Elements/Cells   | 17280   |
| Total RAM Bits        | 442368                  | Other Names                      | 122-1333<br>XC3S10004FGG456C  |
| Stock Quantity        | 100 pcs Stock           | Category                         | <a href="#">Integrated Circuits (ICs) &gt; Embedded - FPGAs (Field Programmable Gate Array)</a> |
| Description           | IC FPGA 333 I/O 456FBGA | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant  |

Keywords related to XC3S1000-4FGG456C

|  |   |  |   |
|--|---|--|---|
| <a href="#">Xilinx XC3S1000-4FGG456C</a>             | <a href="#">XC3S1000-4FGG456C part</a>      | <a href="#">XC3S1000-4FGG456C Price</a>      | <a href="#">XC3S1000-4FGG456C Distributor</a>   |
| <a href="#">XC3S1000-4FGG456C Technical</a>          | <a href="#">XC3S1000-4FGG456C Stock</a>     | <a href="#">XC3S1000-4FGG456C Inventory</a>  | <a href="#">XC3S1000-4FGG456C Supplier</a>      |
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|---|--|--|
|  <p><b>XC3S1000-4FG456I</b><br/>Description: IC FPGA 333 I/O 456FBGA<br/>Manufacturers: Xilinx<br/>In Stock: New original, 100 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>               |  <p><b>XC3S1000-4FT256C</b><br/>Description: IC FPGA 173 I/O 256FTBGA<br/>Manufacturers: Xilinx<br/>In Stock: New original, 100 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>        |  <p><b>XC3S1000-4FTG256I</b><br/>Description: IC FPGA 173 I/O 256FTBGA<br/>Manufacturers: Xilinx<br/>In Stock: New original, 300 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>               |
|  <p><b>XC3S1000-4FG676C</b><br/>Description: IC FPGA 391 I/O 676FBGA<br/>Manufacturers: Xilinx<br/>In Stock: New original, 100 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>               |  <p><b>XC3S1000-4FGG456I</b><br/>Description: IC FPGA 333 I/O 456FBGA<br/>Manufacturers: Xilinx<br/>In Stock: New original, 300 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>        |  <p><b>XC3S1000-4FG676CES</b><br/>Description: XC3S1000-4FG676CES XILINX BGA<br/>Manufacturers: Xilinx<br/>In Stock: New original, 2500 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>        |
|  <p><b>XC3S1000-4FTG256C</b><br/>Description: IC FPGA 173 I/O 256FTBGA<br/>Manufacturers: Xilinx<br/>In Stock: New original, 200 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>             |  <p><b>XC3S1000-5FTG256C</b><br/>Description: IC FPGA 173 I/O 256FTBGA<br/>Manufacturers: Xilinx<br/>In Stock: New original, 300 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>       |  <p><b>XC3202B183MR</b><br/>Description: XC3202B183MR TOREX SOT23<br/>Manufacturers: Torex Semiconductor Ltd.<br/>In Stock: New original, 1400 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p> |
|  <p><b>XC3S1000-5FGG676C</b><br/>Description: IC FPGA 391 I/O 676FBGA<br/>Manufacturers: Xilinx<br/>In Stock: New original, 100 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>              |  <p><b>XC3S1000-4FG456EGC</b><br/>Description: XC3S1000-4FG456EGC XILINX BGA<br/>Manufacturers: Xilinx<br/>In Stock: New original, 100 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p> |  <p><b>XC3500M-03SR</b><br/>Description: XC3500M-03SR XINGER SMD<br/>Manufacturers: XINGER<br/>In Stock: New original, 2300 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>                    |
|  <p><b>XC3S1000-4FGG456C0974</b><br/>Description: XC3S1000-4FGG456C0974 XILINX BGA<br/>Manufacturers: Xilinx<br/>In Stock: New original, 100 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p> |  <p><b>XC3S1000</b><br/>Description: XC3S1000 QFP 13<br/>Manufacturers: QFP<br/>In Stock: New original, 2400 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>                           |  <p><b>XC3S1000-FGG676I</b><br/>Description: XC3S1000-FGG676I XILINX BGA<br/>Manufacturers: Xilinx<br/>In Stock: New original, 100 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>             |
|  <p><b>XC3S1000FT256EGQ</b><br/>Description: XC3S1000FT256EGQ XILINX BGA<br/>Manufacturers: Xilinx<br/>In Stock: New original, 100 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>           |  <p><b>XC3S1000-4FGG320I</b><br/>Description: IC FPGA 221 I/O 320 FBGA<br/>Manufacturers: Xilinx<br/>In Stock: New original, 100 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>       |  <p><b>XC3500M-03ST</b><br/>Description: XC3500M-03ST ANAREN SMD<br/>Manufacturers: Anaren<br/>In Stock: New original, 1300 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>                    |
|  <p><b>XC3S1000-4FG456C0974</b><br/>Description: XC3S1000-4FG456C0974 XILINX BGA<br/>Manufacturers: Xilinx<br/>In Stock: New original, 100 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>   |  <p><b>XC3202A183MR-G</b><br/>Description: XC3202A183MR-G Son SOT-23<br/>Manufacturers: Son<br/>In Stock: New original, 100 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>            |  <p><b>XC3S1000-4FT256I</b><br/>Description: IC FPGA 173 I/O 256FTBGA<br/>Manufacturers: Xilinx<br/>In Stock: New original, 100 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>                |
|  <p><b>XC3S1000FTG256EGQ</b><br/>Description: XC3S1000FTG256EGQ XILINX BGA<br/>Manufacturers: Xilinx<br/>In Stock: New original, 100 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>         |  <p><b>XC3S1000-5FGG456C</b><br/>Description: IC FPGA 333 I/O 456FBGA<br/>Manufacturers: Xilinx<br/>In Stock: New original, 300 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>        |  <p><b>XC3S1000FTG256EGQ-4C</b><br/>Description: XC3S1000FTG256EGQ-4C XILINX BGA<br/>Manufacturers: Xilinx<br/>In Stock: New original, 100 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>     |
|  <p><b>XC3S1000-4FGG320C</b><br/>Description: IC FPGA 221 I/O 320 FBGA<br/>Manufacturers: Xilinx<br/>In Stock: New original, 300 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>             |  <p><b>XC3S1000-5FG456C</b><br/>Description: IC FPGA 333 I/O 456FBGA<br/>Manufacturers: Xilinx<br/>In Stock: New original, 100 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>         |  <p><b>XC3500M-03S</b><br/>Description: RF DIR COUPLER 3.3GHZ-3.8GHZ SMD<br/>Manufacturers: Anaren<br/>In Stock: New original, 900 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>             |
|  <p><b>XC3S1000-4FGG676C</b><br/>Description: IC FPGA 391 I/O 676FBGA<br/>Manufacturers: Xilinx<br/>In Stock: New original, 500 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>              |  <p><b>XC3500P-03SR</b><br/>Description: XC3500P-03SR ANAREN SMD<br/>Manufacturers: Anaren<br/>In Stock: New original, 800 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>             |  <p><b>XC3S1000-4FG456C</b><br/>Description: IC FPGA 333 I/O 456FBGA<br/>Manufacturers: Xilinx<br/>In Stock: New original, 2400 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>                |



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