



Xilinx

### XC7Z014S-1CLG400C

|                      |   |
|----------------------|---|
| Part Number:         | XC7Z014S-1CLG400C   |
| Manufacturer/Brand:  | Xilinx  |
| Product description: | IC FPGA SOC 200I/O 400BGA   |
| Datasheets:          | <a href="#">1.XC7Z014S-1CLG400C.pdf</a><br><a href="#">2.XC7Z014S-1CLG400C.pdf</a><br><a href="#">3.XC7Z014S-1CLG400C.pdf</a> |
| RoHS Status:         | Lead free / RoHS Compliant  |
| Stock Condition:     | 1002 pcs stock  |
| Ship From:           | Hong Kong   |
| Shipment Way:        | DHL/Fedex/TNT/UPS/EMS   |

**REQUEST FOR QUOTATION**

Image may be representation. See specifications for product details.

#### Specifications of XC7Z014S-1CLG400C

|                                  |  |
|----------------------------------|--|
| PART NUMBER                      | XC7Z014S-1CLG400C  |
| MANUFACTURER                     | Xilinx   |
| DESCRIPTION                      | IC FPGA SOC 200I/O 400BGA  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant   |
| QUANTITY AVAILABLE               | 1002 pcs   |
| DATA SHEET                       | <a href="#">1.XC7Z014S-1CLG400C.pdf</a><br><a href="#">2.XC7Z014S-1CLG400C.pdf</a><br><a href="#">3.XC7Z014S-1CLG400C.pdf</a>                    |
| SUPPLIER DEVICE PACKAGE          | 400-CSPBGA (17x17)   |
| SPEED                            | 667MHz   |
| SERIES                           | Zynq®-7000   |
| RAM SIZE                         | 256KB  |
| PRIMARY ATTRIBUTES               | Artix™-7 FPGA, 65K Logic Cells   |
| PERIPHERALS                      | DMA  |
| PACKAGING                        | Tray   |
| PACKAGE / CASE                   | 400-LFBGA, CSPBGA  |
| OTHER NAMES                      | 122-2010   |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)  |
| NUMBER OF I/O                    | 125  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant   |
| FLASH SIZE                       | -  |
| DETAILED DESCRIPTION             | Single ARM® Cortex®-A9 MPCore™ with CoreSight™ System On Chip (SOC) IC Zynq®-7000 Artix™-7 FPGA, 65K Logic Cells 256KB 667MHz 400-CSPBGA (17x17) |
| CORE PROCESSOR                   | Single ARM® Cortex®-A9 MPCore™ with CoreSight™   |
| CONNECTIVITY                     | CANbus, EBI/EMI, Ethernet, I <sup>2</sup> C, MMC/SD/SDIO, SPI, UART/USART, USB OTG   |
| ARCHITECTURE                     | MCU, FPGA  |

#### Related Tags

|                                 |                                      |                              |
|---------------------------------|--------------------------------------|------------------------------|
| Xilinx XC7Z014S-1CLG400C        | XC7Z014S-1CLG400C Distributor        | XC7Z014S-1CLG400C Supplier   |
| XC7Z014S-1CLG400C Price         | XC7Z014S-1CLG400C Pictures           | XC7Z014S-1CLG400C Image      |
| XC7Z014S-1CLG400C PDF Datasheet | XC7Z014S-1CLG400C Download Datasheet | XC7Z014S-1CLG400C Datasheet  |
| XC7Z014S-1CLG400C Stock         | Buy XC7Z014S-1CLG400C                | Buy Xilinx XC7Z014S-1CLG400C |
| Xilinx XC7Z014S-1CLG400C        | Xilinx Supplier                      | Xilinx Distributor           |
| Xilinx XC7Z014S-1CLG400C        | Xilinx Inc. XC7Z014S-1CLG400C        |                              |

#### Related Products

|  |   |
|--|---|
| <br><b>XC7Z014S-1CLG400I</b><br>Manufacturers: Xilinx<br>Description: IC FPGA SOC 200I/O 400BGA<br>In stock: 904 pcs<br><a href="#">RFQ</a>  | <br><b>XC7Z012S-2CLG485E</b><br>Manufacturers: Xilinx<br>Description: IC FPGA SOC 150I/O 485BGA<br>In stock: 853 pcs<br><a href="#">RFQ</a>       |
| <br><b>XC7Z012S-1CLG485C</b><br>Manufacturers: Xilinx<br>Description: IC FPGA SOC 150I/O 485BGA<br>In stock: 1064 pcs<br><a href="#">RFQ</a> | <br><b>XC7Z014S-2CLG484E</b><br>Manufacturers: Xilinx<br>Description: IC FPGA SOC 200I/O 484BGA<br>In stock: 807 pcs<br><a href="#">RFQ</a>       |
| <br><b>XC7Z014S-1CLG484C</b><br>Manufacturers: Xilinx<br>Description: IC FPGA SOC 200I/O 484BGA<br>In stock: 1109 pcs<br><a href="#">RFQ</a> | <br><b>XC7Z012S-2CLG485I</b><br>Manufacturers: Xilinx<br>Description: IC FPGA SOC 150I/O 485BGA<br>In stock: 702 pcs<br><a href="#">RFQ</a>       |
| <br><b>XC7Z014S-2CLG400E</b><br>Manufacturers: Xilinx<br>Description: IC FPGA SOC 200I/O 400BGA<br>In stock: 746 pcs<br><a href="#">RFQ</a>  | <br><b>XC7Z010-L1CLG225I</b><br>Manufacturers: Xilinx<br>Description: IC SOC CORTEX-A9 ARTIX7 225BGA<br>In stock: 1240 pcs<br><a href="#">RFQ</a> |
| <br><b>XC7Z012S-1CLG485I</b><br>Manufacturers: Xilinx<br>Description: IC FPGA SOC 150I/O 485BGA<br>In stock: 898 pcs<br><a href="#">RFQ</a>  | <br><b>XC7Z010-L1CLG400I</b><br>Manufacturers: Xilinx<br>Description: IC SOC CORTEX-A9 ARTIX7 400BGA<br>In stock: 1265 pcs<br><a href="#">RFQ</a> |
| <br><b>XC7Z014S-1CLG484I</b><br>Manufacturers: Xilinx<br>Description: IC FPGA SOC 200I/O 484BGA<br>In stock: 793 pcs<br><a href="#">RFQ</a>  | <br><b>XC7Z014S-2CLG400I</b><br>Manufacturers: Xilinx<br>Description: IC FPGA SOC 200I/O 400BGA<br>In stock: 804 pcs<br><a href="#">RFQ</a>       |

