



Xilinx

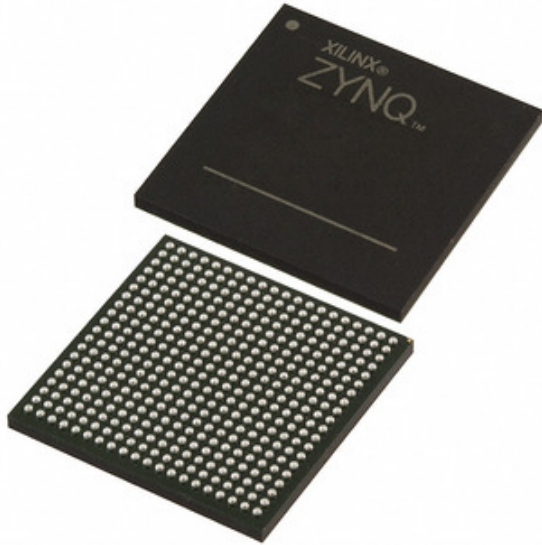


Image may be representation. See specifications for product details.

XC7Z020-2CLG400I

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | XC7Z020-2CLG400I                                                                                             |
| Manufacturer/Brand: | Xilinx                                                                                                       |
| Product description | IC SOC CORTEX-A9 ARTIX-7 400BGA                                                                              |
| Datasheets:         |  1.XC7Z020-2CLG400I.pdf     |
|                     |  2.XC7Z020-2CLG400I.pdf     |
|                     |  3.XC7Z020-2CLG400I.pdf     |
|                     |  4.XC7Z020-2CLG400I.pdf     |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 702 pcs stock                                                                                                |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

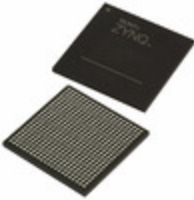
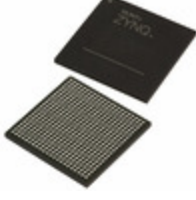
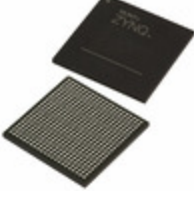
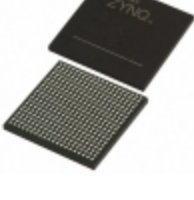
Specifications of XC7Z020-2CLG400I

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XC7Z020-2CLG400I                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER                     | Xilinx                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| DESCRIPTION                      | IC SOC CORTEX-A9 ARTIX-7 400BGA                                                                                                                                                                                                                                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                           |
| QUANTITY AVAILABLE               | 702 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| DATA SHEET                       |  1.XC7Z020-2CLG400I.pdf<br> 2.XC7Z020-2CLG400I.pdf<br> 3.XC7Z020-2CLG400I.pdf<br> 4.XC7Z020-2CLG400I.pdf |
| SUPPLIER DEVICE PACKAGE          | 400-CSPBGA (17x17)                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SPEED                            | 766MHz                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| SERIES                           | Zynq®-7000                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| RAM SIZE                         | 256KB                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| PRIMARY ATTRIBUTES               | Artix™-7 FPGA, 85K Logic Cells                                                                                                                                                                                                                                                                                                                                                                                                                       |
| PERIPHERALS                      | DMA                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 400-LFBGA, CSPBGA                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| OTHER NAMES                      | 122-1848                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| NUMBER OF I/O                    | 130                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                           |
| FLASH SIZE                       | -                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| DETAILED DESCRIPTION             | Dual ARM® Cortex®-A9 MPCore™ with CoreSight™ System On Chip (SOC) IC Zynq®-7000 Artix™-7 FPGA, 85K Logic Cells 256KB 766MHz 400-CSPBGA (17x17)                                                                                                                                                                                                                                                                                                       |
| CORE PROCESSOR                   | Dual ARM® Cortex®-A9 MPCore™ with CoreSight™                                                                                                                                                                                                                                                                                                                                                                                                         |
| CONNECTIVITY                     | CANbus, EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG                                                                                                                                                                                                                                                                                                                                                                                |
| BASE PART NUMBER                 | XC7Z020                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| ARCHITECTURE                     | MCU, FPGA                                                                                                                                                                                                                                                                                                                                                                                                                                            |

Related Tags

|                                |                                     |                             |
|--------------------------------|-------------------------------------|-----------------------------|
| Xilinx XC7Z020-2CLG400I        | XC7Z020-2CLG400I Distributor        | XC7Z020-2CLG400I Supplier   |
| XC7Z020-2CLG400I Price         | XC7Z020-2CLG400I Pictures           | XC7Z020-2CLG400I Image      |
| XC7Z020-2CLG400I PDF Datasheet | XC7Z020-2CLG400I Download Datasheet | XC7Z020-2CLG400I Datasheet  |
| XC7Z020-2CLG400I Stock         | Buy XC7Z020-2CLG400I                | Buy Xilinx XC7Z020-2CLG400I |
| Xilinx XC7Z020-2CLG400I        | Xilinx Supplier                     | Xilinx Distributor          |
| Xilinx XC7Z020-2CLG400I        | Xilinx Inc. XC7Z020-2CLG400I        |                             |

Related Products

|                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>XC7Z020-2CLG400E</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 ARTIX-7 400BGA<br/>In stock: 642 pcs<br/><b>RFQ</b></div> |  <div><b>XC7Z020-2CLG484E</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 ARTIX-7 484BGA<br/>In stock: 683 pcs<br/><b>RFQ</b></div>    |
|  <div><b>XC7Z020-1CLG484I</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 ARTIX-7 484BGA<br/>In stock: 766 pcs<br/><b>RFQ</b></div> |  <div><b>XC7Z020-2CLG484CES</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 ARTIX-7 484BGA<br/>In stock: 5896 pcs<br/><b>RFQ</b></div> |
|  <div><b>XC7Z020-1CLG484C</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 ARTIX-7 484BGA<br/>In stock: 872 pcs<br/><b>RFQ</b></div> |  <div><b>XC7Z020-3CLG484E</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 ARTIX-7 484BGA<br/>In stock: 536 pcs<br/><b>RFQ</b></div>    |
|  <div><b>XC7Z020-L1CLG400I</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 KINTEX7400BGA<br/>In stock: 656 pcs<br/><b>RFQ</b></div> |  <div><b>XC7Z020-2CLG400CES</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 ARTIX-7 400BGA<br/>In stock: 5561 pcs<br/><b>RFQ</b></div> |
|  <div><b>XC7Z020-2CLG484I</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 ARTIX-7 484BGA<br/>In stock: 709 pcs<br/><b>RFQ</b></div> |  <div><b>XC7Z020-1CLG484CES</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 ARTIX-7 484BGA<br/>In stock: 3350 pcs<br/><b>RFQ</b></div> |
|  <div><b>XC7Z020-1CLG400I</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 ARTIX-7 400BGA<br/>In stock: 628 pcs<br/><b>RFQ</b></div> |  <div><b>XC7Z020-3CLG400E</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 ARTIX-7 400BGA<br/>In stock: 532 pcs<br/><b>RFQ</b></div>    |