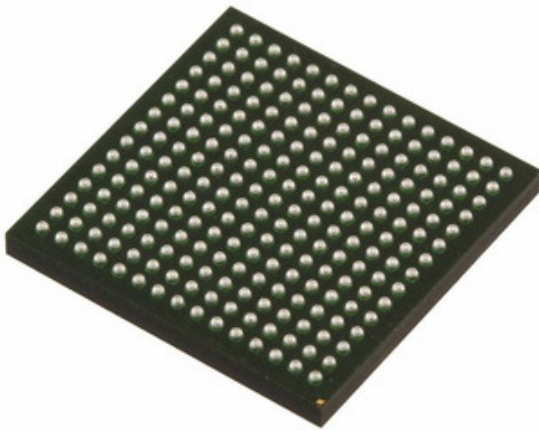




Xilinx



XC7Z010-3CLG225E

|                     |                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | XC7Z010-3CLG225E                                                                                                           |
| Manufacturer/Brand: | Xilinx                                                                                                                     |
| Product description | IC SOC CORTEX-A9 ARTIX-7 225BGA                                                                                            |
| Datasheets:         | <a href="#">1.XC7Z010-3CLG225E.pdf</a><br><a href="#">2.XC7Z010-3CLG225E.pdf</a><br><a href="#">3.XC7Z010-3CLG225E.pdf</a> |
| RoHS Status         |  Lead free / RoHS Compliant               |
| Ship From           | Hong Kong                                                                                                                  |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                      |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

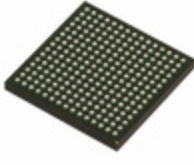
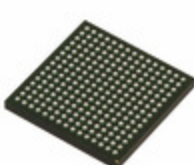
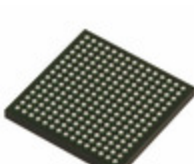
Specifications of XC7Z010-3CLG225E

|                                  |                                                                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XC7Z010-3CLG225E                                                                                                                               |
| MANUFACTURER                     | Xilinx                                                                                                                                         |
| DESCRIPTION                      | IC SOC CORTEX-A9 ARTIX-7 225BGA                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                     |
| DATA SHEET                       | <a href="#">1.XC7Z010-3CLG225E.pdf</a><br><a href="#">2.XC7Z010-3CLG225E.pdf</a><br><a href="#">3.XC7Z010-3CLG225E.pdf</a>                     |
| SUPPLIER DEVICE PACKAGE          | 225-CSPBGA (13x13)                                                                                                                             |
| SPEED                            | 866MHz                                                                                                                                         |
| SERIES                           | Zynq®-7000                                                                                                                                     |
| RAM SIZE                         | 256KB                                                                                                                                          |
| PRIMARY ATTRIBUTES               | Artix™-7 FPGA, 28K Logic Cells                                                                                                                 |
| PERIPHERALS                      | DMA                                                                                                                                            |
| PACKAGING                        | Tray                                                                                                                                           |
| PACKAGE / CASE                   | 225-LFBGA, CSPBGA                                                                                                                              |
| OPERATING TEMPERATURE            | 0°C ~ 100°C (TJ)                                                                                                                               |
| NUMBER OF I/O                    | 86                                                                                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                  |
| MANUFACTURER STANDARD LEAD TIME  | 10 Weeks                                                                                                                                       |
| 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, 28K Logic Cells 256KB 866MHz 225-CSPBGA (13x13) |
| 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                 | XC7Z010                                                                                                                                        |
| ARCHITECTURE                     | MCU, FPGA                                                                                                                                      |

Related Tags

|                                |                                     |                             |
|--------------------------------|-------------------------------------|-----------------------------|
| Xilinx XC7Z010-3CLG225E        | XC7Z010-3CLG225E Distributor        | XC7Z010-3CLG225E Supplier   |
| XC7Z010-3CLG225E Price         | XC7Z010-3CLG225E Pictures           | XC7Z010-3CLG225E Image      |
| XC7Z010-3CLG225E PDF Datasheet | XC7Z010-3CLG225E Download Datasheet | XC7Z010-3CLG225E Datasheet  |
| XC7Z010-3CLG225E Stock         | Buy XC7Z010-3CLG225E                | Buy Xilinx XC7Z010-3CLG225E |
| Xilinx XC7Z010-3CLG225E        | Xilinx Supplier                     | Xilinx Distributor          |
| Xilinx XC7Z010-3CLG225E        | Xilinx Inc. XC7Z010-3CLG225E        |                             |

Related Products

|                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>XC7Z012S-1CLG485I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA SOC 150I/O 485BGA<br/>In stock: 34 pcs<br/><div>RFQ</div></div>         | <div></div> <div><b>XC7Z010-2CLG225I</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 ARTIX-7 225BGA<br/>In stock: 166 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>XC7Z010-1CLG400C</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 ARTIX-7 400BGA<br/>In stock: 434 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>XC7Z012S-1CLG485C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA SOC 150I/O 485BGA<br/>In stock: 49 pcs<br/><div>RFQ</div></div>         |
| <div></div> <div><b>XC7Z010-3CLG400E</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 ARTIX-7 400BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>XC7Z010-L1CLG225I</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 ARTIX7 225BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>XC7Z010-2CLG400I</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 ARTIX-7 400BGA<br/>In stock: 146 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>XC7Z010-2CLG225E</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 ARTIX-7 225BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>XC7Z012S-2CLG485E</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA SOC 150I/O 485BGA<br/>In stock: 84 pcs<br/><div>RFQ</div></div>         | <div></div> <div><b>XC7Z010-L1CLG400I</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 ARTIX7 400BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>XC7Z010-2CLG400E</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 ARTIX-7 400BGA<br/>In stock: 80 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>XC7Z010-1CLG400I</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 ARTIX-7 400BGA<br/>In stock: 162 pcs<br/><div>RFQ</div></div>   |