



Xilinx

### XC7Z007S-1CLG225I

Part Number:	XC7Z007S-1CLG225I
Manufacturer/Brand:	Xilinx
Product description:	IC FPGA SOC 100I/O 225BGA
Datasheets:	<a href="#">1.XC7Z007S-1CLG225I.pdf</a> <a href="#">2.XC7Z007S-1CLG225I.pdf</a> <a href="#">3.XC7Z007S-1CLG225I.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	1737 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 XC7Z007S-1CLG225I

PART NUMBER	XC7Z007S-1CLG225I
MANUFACTURER	Xilinx
DESCRIPTION	IC FPGA SOC 100I/O 225BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	1737 pcs
DATA SHEET	<a href="#">1.XC7Z007S-1CLG225I.pdf</a> <a href="#">2.XC7Z007S-1CLG225I.pdf</a> <a href="#">3.XC7Z007S-1CLG225I.pdf</a>
SUPPLIER DEVICE PACKAGE	225-CSPBGA (13x13)
SPEED	667MHz
SERIES	Zynq®-7000
RAM SIZE	256KB
PRIMARY ATTRIBUTES	Artix™-7 FPGA, 23K Logic Cells
PERIPHERALS	DMA
PACKAGING	Tray
PACKAGE / CASE	225-LFBGA, CSPBGA
OTHER NAMES	122-2009
OPERATING TEMPERATURE	-40°C ~ 100°C (TJ)
NUMBER OF I/O	54
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, 23K Logic Cells 256KB 667MHz 225-CSPBGA (13x13)
CORE PROCESSOR	Single ARM® Cortex®-A9 MPCore™ with CoreSight™
CONNECTIVITY	CANbus, EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG
ARCHITECTURE	MCU, FPGA

#### Related Tags

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#### Related Products

<p><b>XC7WT14GT,115</b> Manufacturers: Nexperia Description: IC INVERTER SCHMITT 3CH 8XSON In stock: 788489 pcs</p> <p><b>RFQ</b></p>	<p><b>XC7Z007S-1CLG400C</b> Manufacturers: Xilinx Description: IC FPGA SOC 100I/O 400BGA In stock: 1829 pcs</p> <p><b>RFQ</b></p>
<p><b>XC7Z007S-2CLG225I</b> Manufacturers: Xilinx Description: IC FPGA SOC 100I/O 225BGA In stock: 1585 pcs</p> <p><b>RFQ</b></p>	<p><b>XC7Z007S-1CLG400I</b> Manufacturers: Xilinx Description: IC FPGA SOC 100I/O 400BGA In stock: 1816 pcs</p> <p><b>RFQ</b></p>
<p><b>XC7WT14DC,125</b> Manufacturers: Nexperia Description: IC INVERTER SCHMITT 3CH 8VSSOP In stock: 311494 pcs</p> <p><b>RFQ</b></p>	<p><b>XC7Z007S-2CLG225E</b> Manufacturers: Xilinx Description: IC FPGA SOC 100I/O 225BGA In stock: 1792 pcs</p> <p><b>RFQ</b></p>
<p><b>XC7Z007S-1CLG225C</b> Manufacturers: Xilinx Description: IC FPGA SOC 100I/O 225BGA In stock: 1906 pcs</p> <p><b>RFQ</b></p>	<p><b>XC7WH14GT,115</b> Manufacturers: Nexperia Description: IC INVERTER SCHMITT 3CH 8XSON In stock: 482101 pcs</p> <p><b>RFQ</b></p>
<p><b>XC7WT14DP,125</b> Manufacturers: Nexperia Description: IC INVERTER SCHMITT 3CH 8TSSOP In stock: 361370 pcs</p> <p><b>RFQ</b></p>	<p><b>XC7Z007S-2CLG400I</b> Manufacturers: Xilinx Description: IC FPGA SOC 100I/O 400BGA In stock: 1629 pcs</p> <p><b>RFQ</b></p>
<p><b>XC7Z007S-2CLG400E</b> Manufacturers: Xilinx Description: IC FPGA SOC 100I/O 400BGA In stock: 1431 pcs</p> <p><b>RFQ</b></p>	<p><b>XC7WT14GD,125</b> Manufacturers: Nexperia Description: IC INVERTER SCHMITT 3CH 8XSON In stock: 4906 pcs</p> <p><b>RFQ</b></p>