



Xilinx

XC7Z020-1CLG400I

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

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Image may be representation. See specifications for product details.

Specifications of XC7Z020-1CLG400I

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|----------------------------------|--|
| PART NUMBER | XC7Z020-1CLG400I |
| MANUFACTURER | Xilinx |
| DESCRIPTION | IC SOC CORTEX-A9 ARTIX-7 400BGA |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DATA SHEET | 1.XC7Z020-1CLG400I.pdf 2.XC7Z020-1CLG400I.pdf 3.XC7Z020-1CLG400I.pdf 4.XC7Z020-1CLG400I.pdf |
| SUPPLIER DEVICE PACKAGE | 400-CSPBGA (17x17) |
| SPEED | 667MHz |
| 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 | 122-2081 XC7Z020-1CLG400I-ND |
| OPERATING TEMPERATURE | -40°C ~ 100°C (TJ) |
| NUMBER OF I/O | 130 |
| 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, 85K Logic Cells 256KB 667MHz 400-CSPBGA (17x17) |
| CORE PROCESSOR | Dual ARM® Cortex®-A9 MPCore™ with CoreSight™ |
| CONNECTIVITY | CANbus, EBI/EMI, Ethernet, I ² C, MMC/SD/SDIO, SPI, UART/USART, USB OTG |
| BASE PART NUMBER | XC7Z020 |
| ARCHITECTURE | MCU, FPGA |

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