



Xilinx

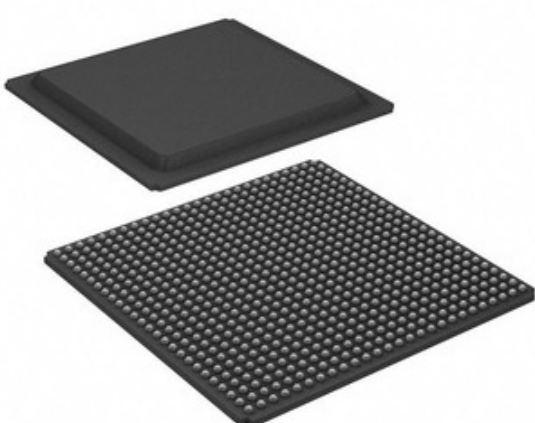


Image may be representation. See specifications for product details.

XC7Z030-1FBG676C

Part Number:XC7Z030-1FBG676C

Manufacturer/Brand:Xilinx

Product descriptionIC SOC CORTEX-A9 KINTEX7 676FBGA

PDF

1.XC7Z030-1FBG676C.pdf

PDF

2.XC7Z030-1FBG676C.pdf

PDF

3.XC7Z030-1FBG676C.pdf

PDF

4.XC7Z030-1FBG676C.pdf

Datasheets:

RoHs Status

RoHS

Lead free / RoHS Compliant

Stock Condition418 pcs stock

Ship FromHong Kong

Shipment WayDHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

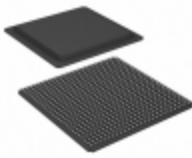
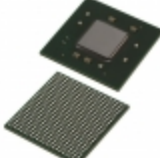
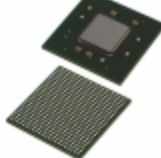
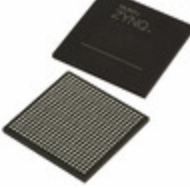
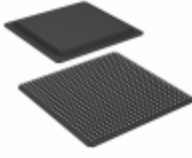
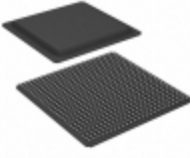
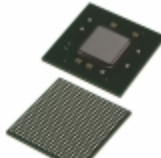
Specifications of XC7Z030-1FBG676C

|                                  |                                                                                                                                                                                                                                             |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XC7Z030-1FBG676C                                                                                                                                                                                                                            |
| MANUFACTURER                     | Xilinx                                                                                                                                                                                                                                      |
| DESCRIPTION                      | IC SOC CORTEX-A9 KINTEX7 676FBGA                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                  |
| QUANTITY AVAILABLE               | 418 pcs                                                                                                                                                                                                                                     |
| DATA SHEET                       | <div><div>PDF</div><div>1.XC7Z030-1FBG676C.pdf</div></div> <div><div>PDF</div><div>2.XC7Z030-1FBG676C.pdf</div></div> <div><div>PDF</div><div>3.XC7Z030-1FBG676C.pdf</div></div> <div><div>PDF</div><div>4.XC7Z030-1FBG676C.pdf</div></div> |
| SUPPLIER DEVICE PACKAGE          | 676-FCBGA (27x27)                                                                                                                                                                                                                           |
| SPEED                            | 667MHz                                                                                                                                                                                                                                      |
| SERIES                           | Zynq®-7000                                                                                                                                                                                                                                  |
| RAM SIZE                         | 256KB                                                                                                                                                                                                                                       |
| PRIMARY ATTRIBUTES               | Kintex™-7 FPGA, 125K Logic Cells                                                                                                                                                                                                            |
| PERIPHERALS                      | DMA                                                                                                                                                                                                                                         |
| PACKAGING                        | Tray                                                                                                                                                                                                                                        |
| PACKAGE / CASE                   | 676-BBGA, FCBGA                                                                                                                                                                                                                             |
| OTHER NAMES                      | 122-1892                                                                                                                                                                                                                                    |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                             |
| NUMBER OF I/O                    | 130                                                                                                                                                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 4 (72 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 Kintex™-7 FPGA, 125K Logic Cells 256KB 667MHz 676-FCBGA (27x27)                                                                                             |
| 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                 | XC7Z030                                                                                                                                                                                                                                     |
| ARCHITECTURE                     | MCU, FPGA                                                                                                                                                                                                                                   |

Related Tags

|                                |                                     |                             |
|--------------------------------|-------------------------------------|-----------------------------|
| Xilinx XC7Z030-1FBG676C        | XC7Z030-1FBG676C Distributor        | XC7Z030-1FBG676C Supplier   |
| XC7Z030-1FBG676C Price         | XC7Z030-1FBG676C Pictures           | XC7Z030-1FBG676C Image      |
| XC7Z030-1FBG676C PDF Datasheet | XC7Z030-1FBG676C Download Datasheet | XC7Z030-1FBG676C Datasheet  |
| XC7Z030-1FBG676C Stock         | Buy XC7Z030-1FBG676C                | Buy Xilinx XC7Z030-1FBG676C |
| Xilinx XC7Z030-1FBG676C        | Xilinx Supplier                     | Xilinx Distributor          |
| Xilinx XC7Z030-1FBG676C        | Xilinx Inc. XC7Z030-1FBG676C        |                             |

Related Products

|                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>XC7Z030-1FBG676I</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 KINTEX7 676FBGA<br/>In stock: 296 pcs<br/>RFQ</div> | <div></div> <div><b>XC7Z030-1FBG484I</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 KINTEX7 484FBGA<br/>In stock: 401 pcs<br/>RFQ</div> |
| <div></div> <div><b>XC7Z020-L1CLG484I</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 KINTEX7 484BGA<br/>In stock: 601 pcs<br/>RFQ</div> | <div></div> <div><b>XC7Z020-L1CLG400I</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 KINTEX7400BGA<br/>In stock: 656 pcs<br/>RFQ</div>  |
| <div></div> <div><b>XC7Z030-1FB484I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA<br/>In stock: 280 pcs<br/>RFQ</div>                           | <div></div> <div><b>XC7Z030-1SBG485C</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX A-9 ZYNQ7 485BGA<br/>In stock: 471 pcs<br/>RFQ</div>   |
| <div></div> <div><b>XC7Z030-1SB485I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA<br/>In stock: 312 pcs<br/>RFQ</div>                           | <div></div> <div><b>XC7Z020-3CLG484E</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 ARTIX-7 484BGA<br/>In stock: 536 pcs<br/>RFQ</div>  |
| <div></div> <div><b>XC7Z030-1FFG676C</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 KINTEX7 676FBGA<br/>In stock: 272 pcs<br/>RFQ</div> | <div></div> <div><b>XC7Z030-1FFG676I</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 KINTEX7 676FBGA<br/>In stock: 225 pcs<br/>RFQ</div> |
| <div></div> <div><b>XC7Z030-1FBG484C</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 KINTEX7 484FBGA<br/>In stock: 503 pcs<br/>RFQ</div> | <div></div> <div><b>XC7Z030-1FF676I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA XC ZYNQ-7000 676FCBGA<br/>In stock: 181 pcs<br/>RFQ</div>     |