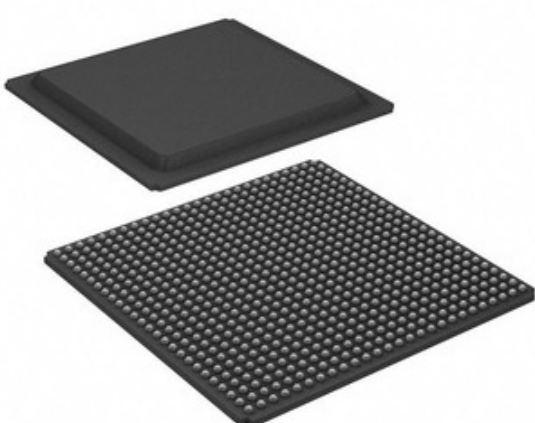




Xilinx



XC7Z045-L2FFG676I

Part Number:

XC7Z045-L2FFG676I

Manufacturer/Brand:

Xilinx

Product description

IC SOC CORTEX-A9 KINTEX7 676BGA

Datasheets:

1.XC7Z045-L2FFG676I.pdf

2.XC7Z045-L2FFG676I.pdf

3.XC7Z045-L2FFG676I.pdf

RoHs Status

Lead free / RoHS Compliant

Stock Condition

46 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.

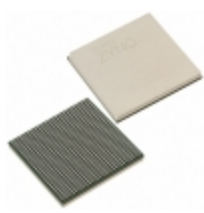
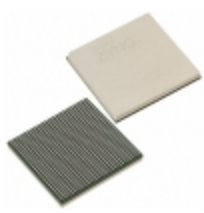
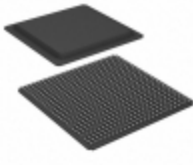
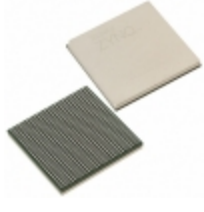
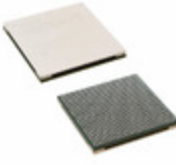
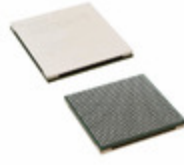
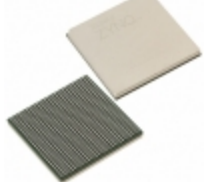
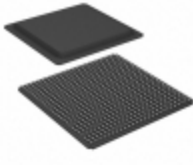
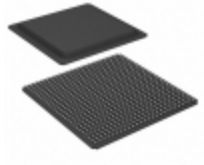
Specifications of XC7Z045-L2FFG676I

|                                  |                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XC7Z045-L2FFG676I                                                                                                                                                                                                                                                                                                                                                 |
| MANUFACTURER                     | Xilinx                                                                                                                                                                                                                                                                                                                                                            |
| DESCRIPTION                      | IC SOC CORTEX-A9 KINTEX7 676BGA                                                                                                                                                                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                        |
| QUANTITY AVAILABLE               | 46 pcs                                                                                                                                                                                                                                                                                                                                                            |
| DATA SHEET                       | <div>1.XC7Z045-L2FFG676I.pdf</div> <div>2.XC7Z045-L2FFG676I.pdf</div> <div>3.XC7Z045-L2FFG676I.pdf</div> |
| SUPPLIER DEVICE PACKAGE          | 676-FCBGA (27x27)                                                                                                                                                                                                                                                                                                                                                 |
| SPEED                            | 800MHz                                                                                                                                                                                                                                                                                                                                                            |
| SERIES                           | Zynq®-7000                                                                                                                                                                                                                                                                                                                                                        |
| RAM SIZE                         | 256KB                                                                                                                                                                                                                                                                                                                                                             |
| PRIMARY ATTRIBUTES               | Kintex™-7 FPGA, 350K Logic Cells                                                                                                                                                                                                                                                                                                                                  |
| PERIPHERALS                      | DMA                                                                                                                                                                                                                                                                                                                                                               |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                                                              |
| PACKAGE / CASE                   | 676-BBGA, FCBGA                                                                                                                                                                                                                                                                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 100°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, 350K Logic Cells 256KB 800MHz 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                                                                                                                                                                                                                                                                                             |
| ARCHITECTURE                     | MCU, FPGA                                                                                                                                                                                                                                                                                                                                                         |

Related Tags

|                                 |                                      |                              |
|---------------------------------|--------------------------------------|------------------------------|
| Xilinx XC7Z045-L2FFG676I        | XC7Z045-L2FFG676I Distributor        | XC7Z045-L2FFG676I Supplier   |
| XC7Z045-L2FFG676I Price         | XC7Z045-L2FFG676I Pictures           | XC7Z045-L2FFG676I Image      |
| XC7Z045-L2FFG676I PDF Datasheet | XC7Z045-L2FFG676I Download Datasheet | XC7Z045-L2FFG676I Datasheet  |
| XC7Z045-L2FFG676I Stock         | Buy XC7Z045-L2FFG676I                | Buy Xilinx XC7Z045-L2FFG676I |
| Xilinx XC7Z045-L2FFG676I        | Xilinx Supplier                      | Xilinx Distributor           |
| Xilinx XC7Z045-L2FFG676I        | Xilinx Inc. XC7Z045-L2FFG676I        |                              |

Related Products

|                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><div>XC7Z045-3FFG900E</div><div>Manufacturers: Xilinx</div><div>Description: IC SOC CORTEX-A9 KINTEX7 900FBGA</div><div>In stock: 32 pcs</div><div>RFQ</div></div> | <div></div> <div><div>XC7Z045-L2FFG900I</div><div>Manufacturers: Xilinx</div><div>Description: IC SOC CORTEX-A9 KINTEX7 900BGA</div><div>In stock: 36 pcs</div><div>RFQ</div></div> |
| <div></div> <div><div>XC7Z100-1FFG1156I</div><div>Manufacturers: Xilinx</div><div>Description: IC SOC CORTEX A-9 ZYNQ7 1156BGA</div><div>In stock: 34 pcs</div><div>RFQ</div></div> | <div></div> <div><div>XC7Z045-3FFV676E</div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA</div><div>In stock: 42 pcs</div><div>RFQ</div></div>                          |
| <div></div> <div><div>XC7Z045-L2FBG676I</div><div>Manufacturers: Xilinx</div><div>Description: IC SOC CORTEX-A9 KINTEX7 676BGA</div><div>In stock: 51 pcs</div><div>RFQ</div></div> | <div></div> <div><div>XC7Z045-2FFG900I</div><div>Manufacturers: Xilinx</div><div>Description: IC SOC CORTEX-A9 KINTEX7 900FBGA</div><div>In stock: 39 pcs</div><div>RFQ</div></div> |
| <div></div> <div><div>XC7Z100-2FF900I</div><div>Manufacturers: Xilinx</div><div>Description: XC7Z100-2FF900I</div><div>In stock: 31 pcs</div><div>RFQ</div></div>                   | <div></div> <div><div>XC7Z100-1FF900I</div><div>Manufacturers: Xilinx</div><div>Description: IC SOC CORTEX-A9 KINTEX7 900BGA</div><div>In stock: 33 pcs</div><div>RFQ</div></div>   |
| <div></div> <div><div>XC7Z100-2FFG1156I</div><div>Manufacturers: Xilinx</div><div>Description: IC SOC CORTEX A-9 ZYNQ7 1156BGA</div><div>In stock: 27 pcs</div><div>RFQ</div></div> | <div></div> <div><div>XC7Z100-1FFG900I</div><div>Manufacturers: Xilinx</div><div>Description: IC SOC CORTEX-A9 KINTEX7 900FBGA</div><div>In stock: 39 pcs</div><div>RFQ</div></div> |
| <div></div> <div><div>XC7Z045-3FBG676E</div><div>Manufacturers: Xilinx</div><div>Description: IC SOC CORTEX-A9 KINTEX7 676FBGA</div><div>In stock: 43 pcs</div><div>RFQ</div></div> | <div></div> <div><div>XC7Z045-3FFG676E</div><div>Manufacturers: Xilinx</div><div>Description: IC SOC CORTEX-A9 KINTEX7 676FBGA</div><div>In stock: 40 pcs</div><div>RFQ</div></div> |