



Xilinx

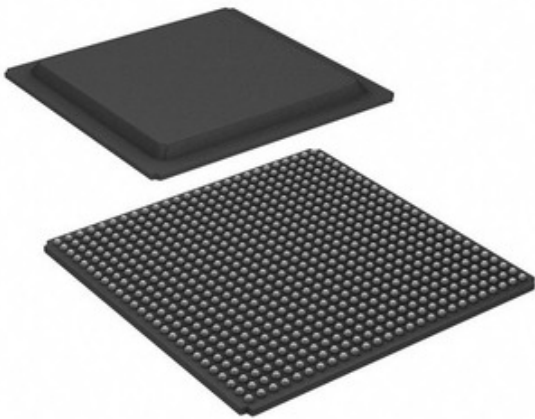


Image may be representation. See specifications for product details.

XC7Z045-2FBG676E

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | XC7Z045-2FBG676E                                                                                             |
| Manufacturer/Brand: | Xilinx                                                                                                       |
| Product description | IC SOC CORTEX-A9 KINTEX7 676FBGA                                                                             |
|                     | <a href="#">1.XC7Z045-2FBG676E.pdf</a>                                                                       |
|                     | <a href="#">2.XC7Z045-2FBG676E.pdf</a>                                                                       |
|                     | <a href="#">3.XC7Z045-2FBG676E.pdf</a>                                                                       |
|                     | <a href="#">4.XC7Z045-2FBG676E.pdf</a>                                                                       |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

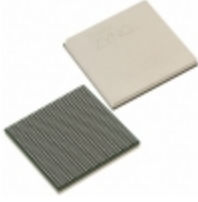
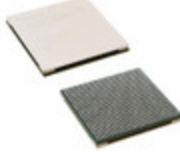
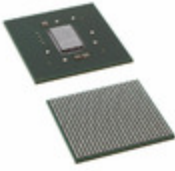
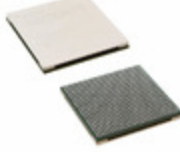
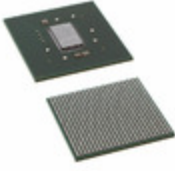
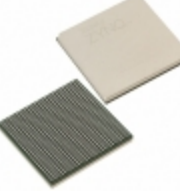
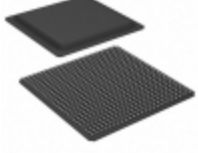
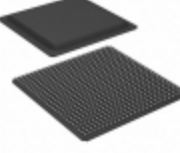
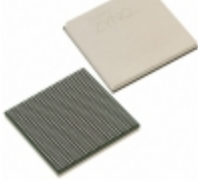
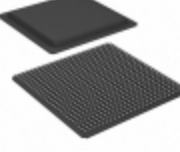
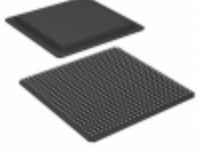
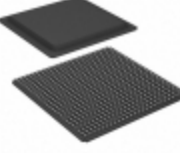
Specifications of XC7Z045-2FBG676E

|                                  |                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XC7Z045-2FBG676E                                                                                                                                                     |
| MANUFACTURER                     | Xilinx                                                                                                                                                               |
| DESCRIPTION                      | IC SOC CORTEX-A9 KINTEX7 676FBGA                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                           |
| DATA SHEET                       | <a href="#">1.XC7Z045-2FBG676E.pdf</a><br><a href="#">2.XC7Z045-2FBG676E.pdf</a><br><a href="#">3.XC7Z045-2FBG676E.pdf</a><br><a href="#">4.XC7Z045-2FBG676E.pdf</a> |
| 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            | 0°C ~ 100°C (TJ)                                                                                                                                                     |
| NUMBER OF I/O                    | 130                                                                                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                        |
| MANUFACTURER STANDARD LEAD TIME  | 20 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 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                                                                                                |
| BASE PART NUMBER                 | XC7Z045                                                                                                                                                              |
| ARCHITECTURE                     | MCU, FPGA                                                                                                                                                            |

Related Tags

|                                |                                     |                             |
|--------------------------------|-------------------------------------|-----------------------------|
| Xilinx XC7Z045-2FBG676E        | XC7Z045-2FBG676E Distributor        | XC7Z045-2FBG676E Supplier   |
| XC7Z045-2FBG676E Price         | XC7Z045-2FBG676E Pictures           | XC7Z045-2FBG676E Image      |
| XC7Z045-2FBG676E PDF Datasheet | XC7Z045-2FBG676E Download Datasheet | XC7Z045-2FBG676E Datasheet  |
| XC7Z045-2FBG676E Stock         | Buy XC7Z045-2FBG676E                | Buy Xilinx XC7Z045-2FBG676E |
| Xilinx XC7Z045-2FBG676E        | Xilinx Supplier                     | Xilinx Distributor          |
| Xilinx XC7Z045-2FBG676E        | Xilinx Inc. XC7Z045-2FBG676E        |                             |

Related Products

|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>XC7Z045-1FFG900CES</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 KINTEX7 900FBGA<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>XC7Z045-2FF900I</b><br/>Manufacturers: Xilinx<br/>Description: XC7Z045-2FF900I<br/>In stock: Out stock<br/>RFQ</div>                   |
|  <div><b>XC7Z045-2FF676E</b><br/>Manufacturers: Xilinx Inc.<br/>Description: IC SOC CORTEX-A9 KINTEX7 676BGA<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>XC7Z045-2FF900E</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 KINTEX7 900BGA<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>XC7Z045-2FF676I</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 KINTEX7 676BGA<br/>In stock: Out stock<br/>RFQ</div>      |  <div><b>XC7Z045-1FFG900C</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 KINTEX7 900FBGA<br/>In stock: 11 pcs<br/>RFQ</div>    |
|  <div><b>XC7Z045-2FFG676E</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 KINTEX7 676FBGA<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>XC7Z045-2FBG676I</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 KINTEX7 676FBGA<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>XC7Z045-1FFG900I</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 KINTEX7 900FBGA<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>XC7Z045-1FFG676I</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 KINTEX7 676FBGA<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>XC7Z045-2FBG676CES</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 KINTEX7 676FBGA<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>XC7Z045-1FFG676C</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 KINTEX7 676FBGA<br/>In stock: 3 pcs<br/>RFQ</div>     |