



Xilinx

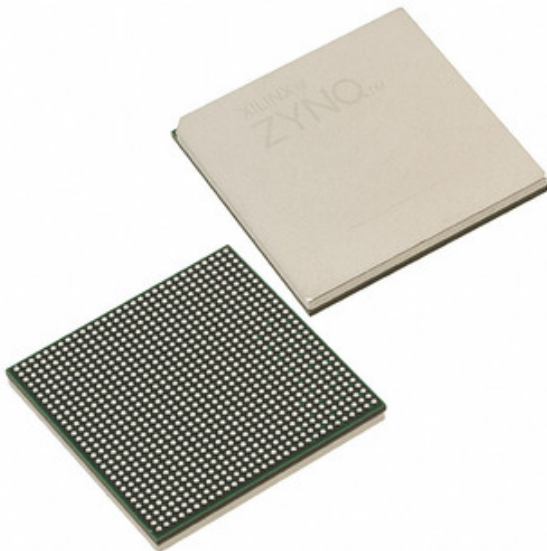


Image may be representation. See specifications for product details.

XC7Z045-1FFG900CES

|                     |                                                                                                                                  |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | XC7Z045-1FFG900CES                                                                                                               |
| Manufacturer/Brand: | Xilinx                                                                                                                           |
| Product description | IC SOC CORTEX-A9 KINTEX7 900FBGA                                                                                                 |
| Datasheets:         | <a href="#">1.XC7Z045-1FFG900CES.pdf</a><br><a href="#">2.XC7Z045-1FFG900CES.pdf</a><br><a href="#">3.XC7Z045-1FFG900CES.pdf</a> |
| RoHS Status         |  Lead free / RoHS Compliant                     |
| Ship From           | Hong Kong                                                                                                                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                            |

REQUEST FOR QUOTATION

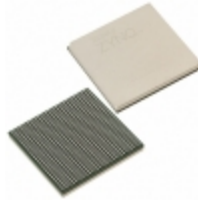
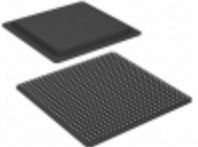
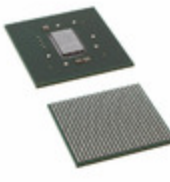
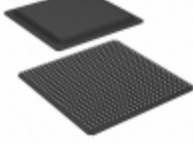
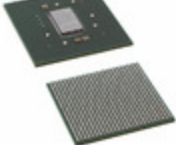
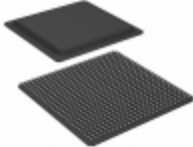
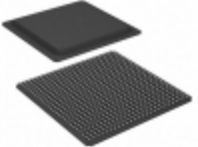
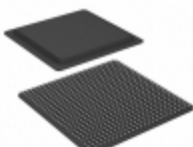
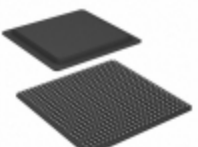
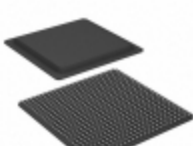
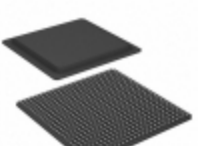
Specifications of XC7Z045-1FFG900CES

|                                  |                                                                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XC7Z045-1FFG900CES                                                                                                                              |
| MANUFACTURER                     | Xilinx                                                                                                                                          |
| DESCRIPTION                      | IC SOC CORTEX-A9 KINTEX7 900FBGA                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                      |
| DATA SHEET                       | <a href="#">1.XC7Z045-1FFG900CES.pdf</a><br><a href="#">2.XC7Z045-1FFG900CES.pdf</a><br><a href="#">3.XC7Z045-1FFG900CES.pdf</a>                |
| SUPPLIER DEVICE PACKAGE          | 900-FCBGA (31x31)                                                                                                                               |
| SPEED                            | 667MHz                                                                                                                                          |
| SERIES                           | Zynq®-7000                                                                                                                                      |
| RAM SIZE                         | 256KB                                                                                                                                           |
| PRIMARY ATTRIBUTES               | Kintex™-7 FPGA, 350K Logic Cells                                                                                                                |
| PERIPHERALS                      | DMA                                                                                                                                             |
| PACKAGING                        | Tray                                                                                                                                            |
| PACKAGE / CASE                   | 900-BBGA, FCBGA                                                                                                                                 |
| OTHER NAMES                      | 122-1828                                                                                                                                        |
| 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, 350K Logic Cells 256KB 667MHz 900-FCBGA (31x31) |
| 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 XC7Z045-1FFG900CES        | XC7Z045-1FFG900CES Distributor        | XC7Z045-1FFG900CES Supplier   |
| XC7Z045-1FFG900CES Price         | XC7Z045-1FFG900CES Pictures           | XC7Z045-1FFG900CES Image      |
| XC7Z045-1FFG900CES PDF Datasheet | XC7Z045-1FFG900CES Download Datasheet | XC7Z045-1FFG900CES Datasheet  |
| XC7Z045-1FFG900CES Stock         | Buy XC7Z045-1FFG900CES                | Buy Xilinx XC7Z045-1FFG900CES |
| Xilinx XC7Z045-1FFG900CES        | Xilinx Supplier                       | Xilinx Distributor            |
| Xilinx XC7Z045-1FFG900CES        | Xilinx Inc. XC7Z045-1FFG900CES        |                               |

Related Products

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>XC7Z045-1FFG900I</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 KINTEX7 900FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>XC7Z045-1FFG676I</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 KINTEX7 676FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
| <div></div> <div><b>XC7Z045-2FF676I</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 KINTEX7 676BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>     | <div></div> <div><b>XC7Z045-1FFG900C</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 KINTEX7 900FBGA<br/>In stock: 11 pcs<br/><div>RFQ</div></div>       |
| <div></div> <div><b>XC7Z045-2FBG676CES</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 KINTEX7 676FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>XC7Z045-2FF676E</b><br/>Manufacturers: Xilinx Inc.<br/>Description: IC SOC CORTEX-A9 KINTEX7 676BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>XC7Z045-2FBG676I</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 KINTEX7 676FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>XC7Z045-1FBG676CES</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 KINTEX7 676FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>XC7Z045-1FBG676I</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 KINTEX7 676FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>XC7Z045-1FBG676C</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 KINTEX7 676FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
| <div></div> <div><b>XC7Z045-2FBG676E</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 KINTEX7 676FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>XC7Z045-1FFG676C</b><br/>Manufacturers: Xilinx<br/>Description: IC SOC CORTEX-A9 KINTEX7 676FBGA<br/>In stock: 3 pcs<br/><div>RFQ</div></div>        |