



Xilinx



ALL PROGRAMMABLE.

XCZU7EG-3FBVB900E

|                     |                                                                                                                                                                                                                           |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | XCZU7EG-3FBVB900E                                                                                                                                                                                                         |
| Manufacturer/Brand: | Xilinx                                                                                                                                                                                                                    |
| Product description | IC FPGA 204 I/O 900FCBGA <div><div>PDF</div>1.XCZU7EG-3FBVB900E.pdf<div><div>PDF</div>2.XCZU7EG-3FBVB900E.pdf<div><div>PDF</div>3.XCZU7EG-3FBVB900E.pdf<div><div>PDF</div>4.XCZU7EG-3FBVB900E.pdf</div></div></div></div> |
| Datasheets:         |                                                                                                                                                                                                                           |
| RoHS Status         | <div><div>✓</div>Lead free / RoHS Compliant</div>                                                                                                                                                                         |
| 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 XCZU7EG-3FBVB900E

|                                  |                                                                                                                                                                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XCZU7EG-3FBVB900E                                                                                                                                                                                                                                  |
| MANUFACTURER                     | Xilinx                                                                                                                                                                                                                                             |
| DESCRIPTION                      | IC FPGA 204 I/O 900FCBGA                                                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                         |
| DATA SHEET                       | <div><div>PDF</div>1.XCZU7EG-3FBVB900E.pdf<div><div>PDF</div>2.XCZU7EG-3FBVB900E.pdf<div><div>PDF</div>3.XCZU7EG-3FBVB900E.pdf<div><div>PDF</div>4.XCZU7EG-3FBVB900E.pdf</div></div></div></div>                                                   |
| SUPPLIER DEVICE PACKAGE          | 900-FCBGA (31x31)                                                                                                                                                                                                                                  |
| SPEED                            | 600MHz, 667MHz, 1.5GHz                                                                                                                                                                                                                             |
| SERIES                           | Zynq® UltraScale+™ MPSoC EG                                                                                                                                                                                                                        |
| RAM SIZE                         | 256KB                                                                                                                                                                                                                                              |
| PRIMARY ATTRIBUTES               | Zynq®UltraScale+™ FPGA, 504K+ Logic Cells                                                                                                                                                                                                          |
| PERIPHERALS                      | DMA, WDT                                                                                                                                                                                                                                           |
| PACKAGING                        | Tray                                                                                                                                                                                                                                               |
| PACKAGE / CASE                   | 900-BBGA, FCBGA                                                                                                                                                                                                                                    |
| OPERATING TEMPERATURE            | 0°C ~ 100°C (TJ)                                                                                                                                                                                                                                   |
| NUMBER OF I/O                    | 204                                                                                                                                                                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 4 (72 Hours)                                                                                                                                                                                                                                       |
| MANUFACTURER STANDARD LEAD TIME  | 10 Weeks                                                                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                         |
| FLASH SIZE                       | -                                                                                                                                                                                                                                                  |
| DETAILED DESCRIPTION             | Quad ARM® Cortex®-A53 MPCore™ with CoreSight™, Dual ARM®Cortex™-R5 with CoreSight™, ARM Mali™-400 MP2 System On Chip (SOC) IC Zynq® UltraScale+™ MPSoC EG Zynq®UltraScale+™ FPGA, 504K+ Logic Cells 256KB 600MHz, 667MHz, 1.5GHz 900-FCBGA (31x31) |
| CORE PROCESSOR                   | Quad ARM® Cortex®-A53 MPCore™ with CoreSight™, Dual ARM®Cortex™-R5 with CoreSight™, ARM Mali™-400 MP2                                                                                                                                              |
| CONNECTIVITY                     | CANbus, EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG                                                                                                                                                                              |
| ARCHITECTURE                     | MCU, FPGA                                                                                                                                                                                                                                          |

Related Tags

|                                 |                                      |                              |
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| Xilinx XCZU7EG-3FBVB900E        | XCZU7EG-3FBVB900E Distributor        | XCZU7EG-3FBVB900E Supplier   |
| XCZU7EG-3FBVB900E Price         | XCZU7EG-3FBVB900E Pictures           | XCZU7EG-3FBVB900E Image      |
| XCZU7EG-3FBVB900E PDF Datasheet | XCZU7EG-3FBVB900E Download Datasheet | XCZU7EG-3FBVB900E Datasheet  |
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| Xilinx XCZU7EG-3FBVB900E        | Xilinx Inc. XCZU7EG-3FBVB900E        |                              |

Related Products

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