



Xilinx



Image may be representation. See specifications for product details.

XCZU5EV-2FBVB900I

|                     |                                                                                                                                                                                                                           |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | XCZU5EV-2FBVB900I                                                                                                                                                                                                         |
| Manufacturer/Brand: | Xilinx                                                                                                                                                                                                                    |
| Product description | IC FPGA 204 I/O 900FCBGA <div><div>PDF</div>1.XCZU5EV-2FBVB900I.pdf<div><div>PDF</div>2.XCZU5EV-2FBVB900I.pdf<div><div>PDF</div>3.XCZU5EV-2FBVB900I.pdf<div><div>PDF</div>4.XCZU5EV-2FBVB900I.pdf</div></div></div></div> |
| Datasheets:         |                                                                                                                                                                                                                           |
| RoHs Status         | <div><div>✓</div>Lead free / RoHS Compliant</div>                                                                                                                                                                         |
| Stock Condition     | 28 pcs stock                                                                                                                                                                                                              |
| Ship From           | Hong Kong                                                                                                                                                                                                                 |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                     |

REQUEST FOR QUOTATION

Specifications of XCZU5EV-2FBVB900I

|                                  |                                                                                                                                                                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XCZU5EV-2FBVB900I                                                                                                                                                                                                                                  |
| MANUFACTURER                     | Xilinx                                                                                                                                                                                                                                             |
| DESCRIPTION                      | IC FPGA 204 I/O 900FCBGA                                                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                         |
| QUANTITY AVAILABLE               | 28 pcs                                                                                                                                                                                                                                             |
| DATA SHEET                       | <div><div>PDF</div>1.XCZU5EV-2FBVB900I.pdf<div><div>PDF</div>2.XCZU5EV-2FBVB900I.pdf<div><div>PDF</div>3.XCZU5EV-2FBVB900I.pdf<div><div>PDF</div>4.XCZU5EV-2FBVB900I.pdf</div></div></div></div>                                                   |
| SUPPLIER DEVICE PACKAGE          | 900-FCBGA (31x31)                                                                                                                                                                                                                                  |
| SPEED                            | 533MHz, 600MHz, 1.3GHz                                                                                                                                                                                                                             |
| SERIES                           | Zynq® UltraScale+™ MPSoC EV                                                                                                                                                                                                                        |
| RAM SIZE                         | 256KB                                                                                                                                                                                                                                              |
| PRIMARY ATTRIBUTES               | Zynq®UltraScale+™ FPGA, 256K+ Logic Cells                                                                                                                                                                                                          |
| PERIPHERALS                      | DMA, WDT                                                                                                                                                                                                                                           |
| PACKAGING                        | Tray                                                                                                                                                                                                                                               |
| PACKAGE / CASE                   | 900-BBGA, FCBGA                                                                                                                                                                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                                                 |
| NUMBER OF I/O                    | 204                                                                                                                                                                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 4 (72 Hours)                                                                                                                                                                                                                                       |
| 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 EV Zynq®UltraScale+™ FPGA, 256K+ Logic Cells 256KB 533MHz, 600MHz, 1.3GHz 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

|                                 |                                      |                              |
|---------------------------------|--------------------------------------|------------------------------|
| Xilinx XCZU5EV-2FBVB900I        | XCZU5EV-2FBVB900I Distributor        | XCZU5EV-2FBVB900I Supplier   |
| XCZU5EV-2FBVB900I Price         | XCZU5EV-2FBVB900I Pictures           | XCZU5EV-2FBVB900I Image      |
| XCZU5EV-2FBVB900I PDF Datasheet | XCZU5EV-2FBVB900I Download Datasheet | XCZU5EV-2FBVB900I Datasheet  |
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| Xilinx XCZU5EV-2FBVB900I        | Xilinx Supplier                      | Xilinx Distributor           |
| Xilinx XCZU5EV-2FBVB900I        | Xilinx Inc. XCZU5EV-2FBVB900I        |                              |

Related Products

|                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                  |
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| <div><div><div>Xilinx</div></div><div>XCZU5EV-1SFVC784E</div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 252 I/O 784FCBGA</div><div>In stock: 68 pcs</div><div>RFQ</div></div>  | <div><div><div>Xilinx</div></div><div>XCZU5EV-2SFVC784I</div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 252 I/O 784FCBGA</div><div>In stock: 44 pcs</div><div>RFQ</div></div>  |
| <div><div><div>Xilinx</div></div><div>XCZU5EV-L1SFVC784I</div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 252 I/O 784FCBGA</div><div>In stock: 47 pcs</div><div>RFQ</div></div> | <div><div><div>Xilinx</div></div><div>XCZU5EV-1SFVC784I</div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 252 I/O 784FCBGA</div><div>In stock: 58 pcs</div><div>RFQ</div></div>  |
| <div><div><div>Xilinx</div></div><div>XCZU5EV-3SFVC784E</div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 252 I/O 784FCBGA</div><div>In stock: 40 pcs</div><div>RFQ</div></div>  | <div><div><div>Xilinx</div></div><div>XCZU5EV-2SFVC784E</div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 252 I/O 784FCBGA</div><div>In stock: 42 pcs</div><div>RFQ</div></div>  |
| <div><div><div>Xilinx</div></div><div>XCZU5EV-2FBVB900E</div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 204 I/O 900FCBGA</div><div>In stock: 41 pcs</div><div>RFQ</div></div>  | <div><div><div>Xilinx</div></div><div>XCZU5EV-1FBVB900E</div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 204 I/O 900FCBGA</div><div>In stock: 54 pcs</div><div>RFQ</div></div>  |
| <div><div><div>Xilinx</div></div><div>XCZU5EV-1FBVB900I</div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 204 I/O 900FCBGA</div><div>In stock: 36 pcs</div><div>RFQ</div></div>  | <div><div><div>Xilinx</div></div><div>XCZU5EG-L2SFVC784E</div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 252 I/O 784FCBGA</div><div>In stock: 44 pcs</div><div>RFQ</div></div> |
| <div><div><div>Xilinx</div></div><div>XCZU5EV-3FBVB900E</div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 204 I/O 900FCBGA</div><div>In stock: 27 pcs</div><div>RFQ</div></div>  | <div><div><div>Xilinx</div></div><div>XCZU5EV-L1FBVB900I</div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 204 I/O 900FCBGA</div><div>In stock: 38 pcs</div><div>RFQ</div></div> |