



Xilinx



Image may be representation. See specifications for product details.

XCZU9EG-1FFVB1156I

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| Part Number:        | XCZU9EG-1FFVB1156I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Manufacturer/Brand: | Xilinx                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Product description | IC FPGA 328 I/O 1156FCBGA <div> 1.XCZU9EG-1FFVB1156I.pdf</div> <div> 2.XCZU9EG-1FFVB1156I.pdf</div> <div> 3.XCZU9EG-1FFVB1156I.pdf</div> <div> 4.XCZU9EG-1FFVB1156I.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                      |
| Stock Condition     | 28 pcs stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

REQUEST FOR QUOTATION

Specifications of XCZU9EG-1FFVB1156I

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| PART NUMBER                      | XCZU9EG-1FFVB1156I                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| MANUFACTURER                     | Xilinx                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| DESCRIPTION                      | IC FPGA 328 I/O 1156FCBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| QUANTITY AVAILABLE               | 28 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| DATA SHEET                       | <div> 1.XCZU9EG-1FFVB1156I.pdf</div> <div> 2.XCZU9EG-1FFVB1156I.pdf</div> <div> 3.XCZU9EG-1FFVB1156I.pdf</div> <div> 4.XCZU9EG-1FFVB1156I.pdf</div> |
| SUPPLIER DEVICE PACKAGE          | 1156-FCBGA (35x35)                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| SPEED                            | 500MHz, 600MHz, 1.2GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| SERIES                           | Zynq® UltraScale+™ MPSoC EG                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RAM SIZE                         | 256KB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| PRIMARY ATTRIBUTES               | Zynq®UltraScale+™ FPGA, 599K+ Logic Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| PERIPHERALS                      | DMA, WDT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PACKAGE / CASE                   | 1156-BBGA, FCBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| NUMBER OF I/O                    | 328                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 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 EG Zynq®UltraScale+™ FPGA, 599K+ Logic Cells 256KB 500MHz, 600MHz, 1.2GHz 1156-FCBGA (35x35)                                                                                                                                                                                                                                             |
| 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 XCZU9EG-1FFVB1156I        | XCZU9EG-1FFVB1156I Distributor        | XCZU9EG-1FFVB1156I Supplier   |
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Related Products

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| <div><div><b>XCZU9CG-L1FFVB1156I</b></div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 328 I/O 1156FCBGA</div><div>In stock: 24 pcs</div><div>RFQ</div></div> | <div><div><b>XCZU9EG-1FFVB1156E</b></div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 328 I/O 1156FCBGA</div><div>In stock: 36 pcs</div><div>RFQ</div></div>  |
| <div><div><b>XCZU9CG-L2FFVC900E</b></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><b>XCZU9CG-L2FFVB1156E</b></div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 328 I/O 1156FCBGA</div><div>In stock: 27 pcs</div><div>RFQ</div></div> |
| <div><div><b>XCZU9EG-2FFVB1156E</b></div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 328 I/O 1156FCBGA</div><div>In stock: 28 pcs</div><div>RFQ</div></div>  | <div><div><b>XCZU9EG-2FFVC900E</b></div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 204 I/O 900FCBGA</div><div>In stock: 32 pcs</div><div>RFQ</div></div>    |
| <div><div><b>XCZU9CG-2FFVC900I</b></div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 204 I/O 900FCBGA</div><div>In stock: 25 pcs</div><div>RFQ</div></div>    | <div><div><b>XCZU9EG-1FFVC900E</b></div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 204 I/O 900FCBGA</div><div>In stock: 38 pcs</div><div>RFQ</div></div>    |
| <div><div><b>XCZU9EG-2FFVB1156I</b></div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 328 I/O 1156FCBGA</div><div>In stock: 19 pcs</div><div>RFQ</div></div>  | <div><div><b>XCZU9EG-1FFVC900I</b></div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 204 I/O 900FCBGA</div><div>In stock: 28 pcs</div><div>RFQ</div></div>    |
| <div><div><b>XCZU9EG-2FFVC900I</b></div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 204 I/O 900FCBGA</div><div>In stock: 28 pcs</div><div>RFQ</div></div>    | <div><div><b>XCZU9CG-L1FFVC900I</b></div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 204 I/O 900FCBGA</div><div>In stock: 28 pcs</div><div>RFQ</div></div>   |