



Xilinx



Image may be representation. See specifications for product details.

XCZU6EG-3FFVB1156E

|                     |                                                                                                                                                                                                                                   |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | XCZU6EG-3FFVB1156E                                                                                                                                                                                                                |
| Manufacturer/Brand: | Xilinx                                                                                                                                                                                                                            |
| Product description | IC FPGA 328 I/O 1156FCBGA <div><div>PDF</div>1.XCZU6EG-3FFVB1156E.pdf</div> <div><div>PDF</div>2.XCZU6EG-3FFVB1156E.pdf</div> <div><div>PDF</div>3.XCZU6EG-3FFVB1156E.pdf</div> <div><div>PDF</div>4.XCZU6EG-3FFVB1156E.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                   |
| RoHs Status         | <div><div>✓</div>Lead free / RoHS Compliant</div>                                                                                                                                                                                 |
| Stock Condition     | 25 pcs stock                                                                                                                                                                                                                      |
| Ship From           | Hong Kong                                                                                                                                                                                                                         |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                             |

REQUEST FOR QUOTATION

Specifications of XCZU6EG-3FFVB1156E

|                                  |                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XCZU6EG-3FFVB1156E                                                                                                                                                                                                       |
| MANUFACTURER                     | Xilinx                                                                                                                                                                                                                   |
| DESCRIPTION                      | IC FPGA 328 I/O 1156FCBGA                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 25 pcs                                                                                                                                                                                                                   |
| DATA SHEET                       | <div><div>PDF</div>1.XCZU6EG-3FFVB1156E.pdf</div> <div><div>PDF</div>2.XCZU6EG-3FFVB1156E.pdf</div> <div><div>PDF</div>3.XCZU6EG-3FFVB1156E.pdf</div> <div><div>PDF</div>4.XCZU6EG-3FFVB1156E.pdf</div>                  |
| SUPPLIER DEVICE PACKAGE          | 1156-FCBGA (35x35)                                                                                                                                                                                                       |
| SPEED                            | 600MHz, 1.5GHz                                                                                                                                                                                                           |
| SERIES                           | Zynq® UltraScale+™ MPSoC EG                                                                                                                                                                                              |
| RAM SIZE                         | 256KB                                                                                                                                                                                                                    |
| PRIMARY ATTRIBUTES               | Zynq®UltraScale+™ FPGA, 469K+ Logic Cells                                                                                                                                                                                |
| PERIPHERALS                      | DMA, WDT                                                                                                                                                                                                                 |
| PACKAGING                        | Tray                                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 1156-BBGA, FCBGA                                                                                                                                                                                                         |
| OPERATING TEMPERATURE            | 0°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™ System On Chip (SOC) IC Zynq® UltraScale+™ MPSoC EG Zynq®UltraScale+™ FPGA, 469K+ Logic Cells 256KB 600MHz, 1.5GHz 1156-FCBGA (35x35) |
| CORE PROCESSOR                   | Quad ARM® Cortex®-A53 MPCore™ with CoreSight™, Dual ARM®Cortex™-R5 with CoreSight™                                                                                                                                       |
| CONNECTIVITY                     | CANbus, EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG                                                                                                                                                    |
| ARCHITECTURE                     | MCU, FPGA                                                                                                                                                                                                                |

Related Tags

|                                  |                                       |                               |
|----------------------------------|---------------------------------------|-------------------------------|
| Xilinx XCZU6EG-3FFVB1156E        | XCZU6EG-3FFVB1156E Distributor        | XCZU6EG-3FFVB1156E Supplier   |
| XCZU6EG-3FFVB1156E Price         | XCZU6EG-3FFVB1156E Pictures           | XCZU6EG-3FFVB1156E Image      |
| XCZU6EG-3FFVB1156E PDF Datasheet | XCZU6EG-3FFVB1156E Download Datasheet | XCZU6EG-3FFVB1156E Datasheet  |
| XCZU6EG-3FFVB1156E Stock         | Buy XCZU6EG-3FFVB1156E                | Buy Xilinx XCZU6EG-3FFVB1156E |
| Xilinx XCZU6EG-3FFVB1156E        | Xilinx Supplier                       | Xilinx Distributor            |
| Xilinx XCZU6EG-3FFVB1156E        | Xilinx Inc. XCZU6EG-3FFVB1156E        |                               |

Related Products

|                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><div>Xilinx</div></div><div><div><b>XCZU6EG-3FFVC900E</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><div><div>Xilinx</div></div><div><div><b>XCZU6EG-2FFVB1156E</b></div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 328 I/O 1156FCBGA</div><div>In stock: 26 pcs</div><div>RFQ</div></div></div>  |
| <div><div><div>Xilinx</div></div><div><div><b>XCZU7CG-1FBVB900E</b></div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 204 I/O 900FCBGA</div><div>In stock: 53 pcs</div><div>RFQ</div></div></div>    | <div><div><div>Xilinx</div></div><div><div><b>XCZU6EG-1FFVC900E</b></div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 204 I/O 900FCBGA</div><div>In stock: 50 pcs</div><div>RFQ</div></div></div>    |
| <div><div><div>Xilinx</div></div><div><div><b>XCZU6EG-L2FFVC900E</b></div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 204 I/O 900FCBGA</div><div>In stock: 34 pcs</div><div>RFQ</div></div></div>   | <div><div><div>Xilinx</div></div><div><div><b>XCZU6EG-L1FFVC900I</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><div><div>Xilinx</div></div><div><div><b>XCZU6EG-2FFVC900E</b></div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 204 I/O 900FCBGA</div><div>In stock: 30 pcs</div><div>RFQ</div></div></div>    | <div><div><div>Xilinx</div></div><div><div><b>XCZU6EG-1FFVC900I</b></div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 204 I/O 900FCBGA</div><div>In stock: 43 pcs</div><div>RFQ</div></div></div>    |
| <div><div><div>Xilinx</div></div><div><div><b>XCZU6EG-2FFVC900I</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><div><div>Xilinx</div></div><div><div><b>XCZU6EG-L1FFVB1156I</b></div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 328 I/O 1156FCBGA</div><div>In stock: 33 pcs</div><div>RFQ</div></div></div> |
| <div><div><div>Xilinx</div></div><div><div><b>XCZU6EG-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><div><div>Xilinx</div></div><div><div><b>XCZU6EG-2FFVB1156I</b></div><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 328 I/O 1156FCBGA</div><div>In stock: 23 pcs</div><div>RFQ</div></div></div>  |