



Xilinx



Image may be representation. See specifications for product details.

Part Number: XCZU15EG-2FFVB1156E

Manufacturer/Brand: Xilinx

Product description: IC FPGA 328 I/O 1156FCBGA

Datasheets: [XCZU15EG-2FFVB1156E.pdf](#)

RoHs Status:  Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

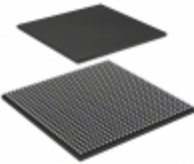
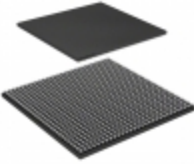
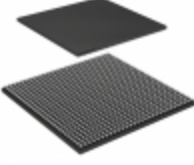
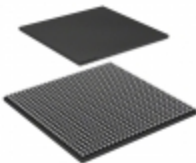
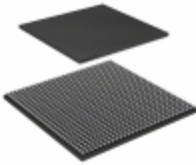
Specifications of XCZU15EG-2FFVB1156E

|                                  |                                                                                                                                                                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XCZU15EG-2FFVB1156E                                                                                                                                                                                                                                 |
| MANUFACTURER                     | Xilinx                                                                                                                                                                                                                                              |
| DESCRIPTION                      | IC FPGA 328 I/O 1156FCBGA                                                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                          |
| DATA SHEET                       | <a href="#">XCZU15EG-2FFVB1156E.pdf</a>                                                                                                                                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 1156-FCBGA (35x35)                                                                                                                                                                                                                                  |
| SPEED                            | 533MHz, 600MHz, 1.3GHz                                                                                                                                                                                                                              |
| SERIES                           | Zynq® UltraScale+™ MPSoC EG                                                                                                                                                                                                                         |
| RAM SIZE                         | 256KB                                                                                                                                                                                                                                               |
| PRIMARY ATTRIBUTES               | Zynq®UltraScale+™ FPGA, 747K+ 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)                                                                                                                                                                                                                                        |
| 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, 747K+ Logic Cells 256KB 533MHz, 600MHz, 1.3GHz 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

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Related Products

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| <div><div><b>XCZU15EG-3FFVB1156E</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 328 I/O 1156FCBGA<br/>In stock: Out stock</div><div>RFQ</div></div>  | <div><div><b>XCZU15EG-2FFVC900I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 204 I/O 900FCBGA<br/>In stock: Out stock</div><div>RFQ</div></div>    |
| <div><div><b>XCZU11EG-L2FFVC1760E</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 512 I/O 1760FCBGA<br/>In stock: Out stock</div><div>RFQ</div></div> | <div><div><b>XCZU15EG-2FFVC900E</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 204 I/O 900FCBGA<br/>In stock: Out stock</div><div>RFQ</div></div>    |
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| <div><div><b>XCZU15EG-1FFVC900I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 204 I/O 900FCBGA<br/>In stock: Out stock</div><div>RFQ</div></div>    | <div><div><b>XCZU15EG-1FFVB1156E</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 328 I/O 1156FCBGA<br/>In stock: Out stock</div><div>RFQ</div></div>  |
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