



Xilinx



Image may be representation. See specifications for product details.

XCZU4EG-1SFVC784I

|                     |                                                                                                                                                                                                                                                                                           |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | XCZU4EG-1SFVC784I                                                                                                                                                                                                                                                                         |
| Manufacturer/Brand: | Xilinx                                                                                                                                                                                                                                                                                    |
| Product description | IC FPGA 252 I/O 784FCBGA <div><div>PDF</div><a href="#">1.XCZU4EG-1SFVC784I.pdf</a><div><div>PDF</div><a href="#">2.XCZU4EG-1SFVC784I.pdf</a><div><div>PDF</div><a href="#">3.XCZU4EG-1SFVC784I.pdf</a><div><div>PDF</div><a href="#">4.XCZU4EG-1SFVC784I.pdf</a></div></div></div></div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                           |
| RoHs Status         | <div><div>✓</div><div>RoHS</div>Lead free / RoHS Compliant</div>                                                                                                                                                                                                                          |
| Stock Condition     | 95 pcs stock                                                                                                                                                                                                                                                                              |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                 |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                     |

REQUEST FOR QUOTATION

Specifications of XCZU4EG-1SFVC784I

|                                  |                                                                                                                                                                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XCZU4EG-1SFVC784I                                                                                                                                                                                                                                                |
| MANUFACTURER                     | Xilinx                                                                                                                                                                                                                                                           |
| DESCRIPTION                      | IC FPGA 252 I/O 784FCBGA                                                                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                       |
| QUANTITY AVAILABLE               | 95 pcs                                                                                                                                                                                                                                                           |
| DATA SHEET                       | <div><div>PDF</div><a href="#">1.XCZU4EG-1SFVC784I.pdf</a><div><div>PDF</div><a href="#">2.XCZU4EG-1SFVC784I.pdf</a><div><div>PDF</div><a href="#">3.XCZU4EG-1SFVC784I.pdf</a><div><div>PDF</div><a href="#">4.XCZU4EG-1SFVC784I.pdf</a></div></div></div></div> |
| SUPPLIER DEVICE PACKAGE          | 784-FCBGA (23x23)                                                                                                                                                                                                                                                |
| SPEED                            | 500MHz, 600MHz, 1.2GHz                                                                                                                                                                                                                                           |
| SERIES                           | Zynq® UltraScale+™ MPSoC EG                                                                                                                                                                                                                                      |
| RAM SIZE                         | 256KB                                                                                                                                                                                                                                                            |
| PRIMARY ATTRIBUTES               | Zynq®UltraScale+™ FPGA, 192K+ Logic Cells                                                                                                                                                                                                                        |
| PERIPHERALS                      | DMA, WDT                                                                                                                                                                                                                                                         |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                             |
| PACKAGE / CASE                   | 784-BBGA, FCBGA                                                                                                                                                                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                                                               |
| NUMBER OF I/O                    | 252                                                                                                                                                                                                                                                              |
| 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, 192K+ Logic Cells 256KB 500MHz, 600MHz, 1.2GHz 784-FCBGA (23x23)               |
| 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 XCZU4EG-1SFVC784I        | XCZU4EG-1SFVC784I Distributor        | XCZU4EG-1SFVC784I Supplier   |
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| Xilinx XCZU4EG-1SFVC784I        | Xilinx Supplier                      | Xilinx Distributor           |
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Related Products

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| <div><div><div>Xilinx</div></div><div><b>XCZU4EG-2FBVB900E</b><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 204 I/O 900FCBGA</div><div>In stock: 55 pcs</div><div>RFQ</div></div></div>  | <div><div><div>Xilinx</div></div><div><b>XCZU4EG-2SFVC784E</b><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><div>Xilinx</div></div><div><b>XCZU4CG-L1SFVC784I</b><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 252 I/O 784FCBGA</div><div>In stock: 83 pcs</div><div>RFQ</div></div></div> | <div><div><div>Xilinx</div></div><div><b>XCZU4CG-L2FBVB900E</b><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><b>XCZU4EG-1SFVC784E</b><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 252 I/O 784FCBGA</div><div>In stock: 109 pcs</div><div>RFQ</div></div></div> | <div><div><div>Xilinx</div></div><div><b>XCZU4EG-3SFVC784E</b><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 252 I/O 784FCBGA</div><div>In stock: 61 pcs</div><div>RFQ</div></div></div>  |
| <div><div><div>Xilinx</div></div><div><b>XCZU4CG-L2SFVC784E</b><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 252 I/O 784FCBGA</div><div>In stock: 79 pcs</div><div>RFQ</div></div></div> | <div><div><div>Xilinx</div></div><div><b>XCZU4EG-1FBVB900E</b><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 204 I/O 900FCBGA</div><div>In stock: 77 pcs</div><div>RFQ</div></div></div>  |
| <div><div><div>Xilinx</div></div><div><b>XCZU4EG-2SFVC784I</b><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 252 I/O 784FCBGA</div><div>In stock: 74 pcs</div><div>RFQ</div></div></div>  | <div><div><div>Xilinx</div></div><div><b>XCZU4EG-3FBVB900E</b><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 204 I/O 900FCBGA</div><div>In stock: 39 pcs</div><div>RFQ</div></div></div>  |
| <div><div><div>Xilinx</div></div><div><b>XCZU4EG-2FBVB900I</b><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 204 I/O 900FCBGA</div><div>In stock: 56 pcs</div><div>RFQ</div></div></div>  | <div><div><div>Xilinx</div></div><div><b>XCZU4EG-1FBVB900I</b><div>Manufacturers: Xilinx</div><div>Description: IC FPGA 204 I/O 900FCBGA</div><div>In stock: 65 pcs</div><div>RFQ</div></div></div>  |