



Xilinx



ALL PROGRAMMABLE.

XCZU4EG-1SFVC784E

|                     |                                                                                                                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | XCZU4EG-1SFVC784E                                                                                                                                                                                                    |
| Manufacturer/Brand: | Xilinx                                                                                                                                                                                                               |
| Product description | IC FPGA 252 I/O 784FCBGA<br><a href="#">PDF</a> 1.XCZU4EG-1SFVC784E.pdf<br><a href="#">PDF</a> 2.XCZU4EG-1SFVC784E.pdf<br><a href="#">PDF</a> 3.XCZU4EG-1SFVC784E.pdf<br><a href="#">PDF</a> 4.XCZU4EG-1SFVC784E.pdf |
| Datasheets:         | <a href="#">PDF</a> 1.XCZU4EG-1SFVC784E.pdf<br><a href="#">PDF</a> 2.XCZU4EG-1SFVC784E.pdf<br><a href="#">PDF</a> 3.XCZU4EG-1SFVC784E.pdf<br><a href="#">PDF</a> 4.XCZU4EG-1SFVC784E.pdf                             |
| RoHS Status         |  Lead free / RoHS Compliant                                                                                                         |
| Ship From           | Hong Kong                                                                                                                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of XCZU4EG-1SFVC784E

|                                  |                                                                                                                                                                                                                                                    |
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| PART NUMBER                      | XCZU4EG-1SFVC784E                                                                                                                                                                                                                                  |
| MANUFACTURER                     | Xilinx                                                                                                                                                                                                                                             |
| DESCRIPTION                      | IC FPGA 252 I/O 784FCBGA                                                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                         |
| DATA SHEET                       | <a href="#">PDF</a> 1.XCZU4EG-1SFVC784E.pdf<br><a href="#">PDF</a> 2.XCZU4EG-1SFVC784E.pdf<br><a href="#">PDF</a> 3.XCZU4EG-1SFVC784E.pdf<br><a href="#">PDF</a> 4.XCZU4EG-1SFVC784E.pdf                                                           |
| 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            | 0°C ~ 100°C (TJ)                                                                                                                                                                                                                                   |
| NUMBER OF I/O                    | 252                                                                                                                                                                                                                                                |
| 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, 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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Related Products

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