



Xilinx



ALL PROGRAMMABLE.

XCZU2CG-1SFVC784I

|                     |                                                                                                                         |
|---------------------|-------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | XCZU2CG-1SFVC784I                                                                                                       |
| Manufacturer/Brand: | Xilinx                                                                                                                  |
| Product description | IC FPGA 252 I/O 784FCBGA                                                                                                |
| Datasheets:         |  <a href="#">XCZU2CG-1SFVC784I.pdf</a> |
| 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 XCZU2CG-1SFVC784I

|                                  |                                                                                                                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XCZU2CG-1SFVC784I                                                                                                                                                                                                       |
| MANUFACTURER                     | Xilinx                                                                                                                                                                                                                  |
| DESCRIPTION                      | IC FPGA 252 I/O 784FCBGA                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                              |
| DATA SHEET                       |  <a href="#">XCZU2CG-1SFVC784I.pdf</a>                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 784-FCBGA (23x23)                                                                                                                                                                                                       |
| SPEED                            | 500MHz, 1.2GHz                                                                                                                                                                                                          |
| SERIES                           | Zynq® UltraScale+™ MPSoC CG                                                                                                                                                                                             |
| RAM SIZE                         | 256KB                                                                                                                                                                                                                   |
| PRIMARY ATTRIBUTES               | Zynq®UltraScale+™ FPGA, 103K+ 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)                                                                                                                                                                                                            |
| MANUFACTURER STANDARD LEAD TIME  | 10 Weeks                                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                              |
| FLASH SIZE                       | -                                                                                                                                                                                                                       |
| DETAILED DESCRIPTION             | Dual ARM® Cortex®-A53 MPCore™ with CoreSight™, Dual ARM®Cortex™-R5 with CoreSight™ System On Chip (SOC) IC Zynq® UltraScale+™ MPSoC CG Zynq®UltraScale+™ FPGA, 103K+ Logic Cells 256KB 500MHz, 1.2GHz 784-FCBGA (23x23) |
| CORE PROCESSOR                   | Dual 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

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Related Products

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| <div><div>ALL PROGRAMMABLE.</div></div> <div><b>XCZU2CG-2SFVC784E</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 252 I/O 784FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div><div>ALL PROGRAMMABLE.</div></div> <div><b>XCZU2CG-2SFVA625E</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 180 I/O 625FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div><div>ALL PROGRAMMABLE.</div></div> <div><b>XCZU2CG-2SBVA484E</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 82 I/O 484FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div><div>ALL PROGRAMMABLE.</div></div> <div><b>XCZU2CG-1SBVA484E</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 82 I/O 484FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
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