



Xilinx



Image may be representation. See specifications for product details.

XCZU3CG-1SFVC784E

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | XCZU3CG-1SFVC784E                                                                                            |
| Manufacturer/Brand: | Xilinx                                                                                                       |
| Product description | XCZU3CG-1SFVC784E                                                                                            |
|                     |  1.XCZU3CG-1SFVC784E.pdf    |
|                     |  2.XCZU3CG-1SFVC784E.pdf    |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         | 259 pcs stock                                                                                                |
| Stock Condition     | Hong Kong                                                                                                    |
| Ship From           | DHL/Fedex/TNT/UPS/EMS                                                                                        |
| Shipment Way        |                                                                                                              |

REQUEST FOR QUOTATION

Specifications of XCZU3CG-1SFVC784E

|                                  |                                                                                                                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XCZU3CG-1SFVC784E                                                                                                                                                                                                          |
| MANUFACTURER                     | Xilinx                                                                                                                                                                                                                     |
| DESCRIPTION                      | XCZU3CG-1SFVC784E                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                 |
| QUANTITY AVAILABLE               | 259 pcs                                                                                                                                                                                                                    |
| DATA SHEET                       |  1.XCZU3CG-1SFVC784E.pdf<br> 2.XCZU3CG-1SFVC784E.pdf |
| SUPPLIER DEVICE PACKAGE          | 784-FCBGA (23x23)                                                                                                                                                                                                          |
| SPEED                            | 500MHz, 1.2GHz                                                                                                                                                                                                             |
| SERIES                           | Zynq® UltraScale+™ MPSoC CG                                                                                                                                                                                                |
| RAM SIZE                         | 256KB                                                                                                                                                                                                                      |
| PRIMARY ATTRIBUTES               | Zynq®UltraScale+™ FPGA, 154K+ 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)                                                                                                                                                                                                               |
| 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, 154K+ 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

|                                 |                                      |                              |
|---------------------------------|--------------------------------------|------------------------------|
| Xilinx XCZU3CG-1SFVC784E        | XCZU3CG-1SFVC784E Distributor        | XCZU3CG-1SFVC784E Supplier   |
| XCZU3CG-1SFVC784E Price         | XCZU3CG-1SFVC784E Pictures           | XCZU3CG-1SFVC784E Image      |
| XCZU3CG-1SFVC784E PDF Datasheet | XCZU3CG-1SFVC784E Download Datasheet | XCZU3CG-1SFVC784E Datasheet  |
| XCZU3CG-1SFVC784E Stock         | Buy XCZU3CG-1SFVC784E                | Buy Xilinx XCZU3CG-1SFVC784E |
| Xilinx XCZU3CG-1SFVC784E        | Xilinx Supplier                      | Xilinx Distributor           |
| Xilinx XCZU3CG-1SFVC784E        | Xilinx Inc. XCZU3CG-1SFVC784E        |                              |

Related Products

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| <div><div>XILINX</div></div> <div><b>XCZU3CG-2SBVA484E</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 82 I/O 484FCBGA<br/>In stock: 185 pcs<br/><div>RFQ</div></div>   | <div><div>XILINX</div></div> <div><b>XCZU3CG-1SFVA625I</b><br/>Manufacturers: Xilinx<br/>Description: XCZU3CG-1SFVA625I<br/>In stock: 200 pcs<br/><div>RFQ</div></div>         |
| <div><div>XILINX</div></div> <div><b>XCZU3CG-1SBVA484E</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 82 I/O 484FCBGA<br/>In stock: 236 pcs<br/><div>RFQ</div></div>   | <div><div>XILINX</div></div> <div><b>XCZU2EG-L2SFVA625E</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 180 I/O 625FCBGA<br/>In stock: 229 pcs<br/><div>RFQ</div></div> |
| <div><div>XILINX</div></div> <div><b>XCZU3CG-1SFVA625E</b><br/>Manufacturers: Xilinx<br/>Description: XCZU3CG-1SFVA625E<br/>In stock: 265 pcs<br/><div>RFQ</div></div>         | <div><div>XILINX</div></div> <div><b>XCZU3CG-2SFVA625I</b><br/>Manufacturers: Xilinx<br/>Description: XCZU3CG-2SFVA625I<br/>In stock: 185 pcs<br/><div>RFQ</div></div>         |
| <div><div>XILINX</div></div> <div><b>XCZU3CG-2SFVC784E</b><br/>Manufacturers: Xilinx<br/>Description: XCZU3CG-2SFVC784E<br/>In stock: 167 pcs<br/><div>RFQ</div></div>         | <div><div>XILINX</div></div> <div><b>XCZU3CG-2SBVA484I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 82 I/O 484FCBGA<br/>In stock: 185 pcs<br/><div>RFQ</div></div>   |
| <div><div>XILINX</div></div> <div><b>XCZU2EG-L2SFVC784E</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 252 I/O 784FCBGA<br/>In stock: 195 pcs<br/><div>RFQ</div></div> | <div><div>XILINX</div></div> <div><b>XCZU3CG-1SFVC784I</b><br/>Manufacturers: Xilinx<br/>Description: XCZU3CG-1SFVC784I<br/>In stock: 219 pcs<br/><div>RFQ</div></div>         |
| <div><div>XILINX</div></div> <div><b>XCZU3CG-1SBVA484I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 82 I/O 484FCBGA<br/>In stock: 248 pcs<br/><div>RFQ</div></div>   | <div><div>XILINX</div></div> <div><b>XCZU3CG-2SFVA625E</b><br/>Manufacturers: Xilinx<br/>Description: XCZU3CG-2SFVA625E<br/>In stock: 211 pcs<br/><div>RFQ</div></div>         |