



### XCZU4EG-2FBVB900I

Part Number: **XCZU4EG-2FBVB900I**  
 Product Description: IC FPGA 204 I/O 900FCBGA  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets: [1.XCZU4EG-2FBVB900I.pdf](#)  
[2.XCZU4EG-2FBVB900I.pdf](#)  
[3.XCZU4EG-2FBVB900I.pdf](#)  
[4.XCZU4EG-2FBVB900I.pdf](#)

Manufacturer/Brand: Xilinx  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Image may be representation.  
 See specifications for product details.

#### Product details

<b>Part Number</b>	XCZU4EG-2FBVB900I	<b>Manufacturer</b>	Xilinx
<b>Description</b>	IC FPGA 204 I/O 900FCBGA	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	1.XCZU4EG-2FBVB900I.pdf2.XCZU4EG-2FBVB900I.pdf3.XCZU4EG-2FBVB900I.pdf4.XCZU4EG-2FBVB900I.pdf		
<b>Supplier Device Package</b>	900-FCBGA (31x31)	<b>Speed</b>	533MHz, 600MHz, 1.3GHz
<b>Series</b>	Zynq@ UltraScale+™ MPSoC EG	<b>RAM Size</b>	256KB
<b>Primary Attributes</b>	Zynq@UltraScale+™ FPGA, 192K+ Logic Cells	<b>Peripherals</b>	DMA, WDT
<b>Packaging</b>	Tray	<b>Package / Case</b>	900-BBGA, FCBGA
<b>Operating Temperature</b>	-40°C ~ 100°C (TJ)	<b>Number of I/O</b>	204
<b>Moisture Sensitivity Level (MSL)</b>	4 (72 Hours)	<b>Manufacturer Standard Lead Time</b>	10 Weeks
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>Flash Size</b>	-
<b>Detailed Description</b>	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 533MHz, 600MHz, 1.3GHz 900-FCBGA (31x31)	<b>Core Processor</b>	Quad ARM® Cortex®-A53 MPCore™ with CoreSight™, Dual ARM®Cortex™-R5 with CoreSight™, ARM Mali™-400 MP2
<b>Connectivity</b>	CANbus, EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG	<b>Architecture</b>	MCU, FPGA

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