



XCZU6EG-L1FFVC900I

Part Number: **XCZU6EG-L1FFVC900I**
 Product Description: IC FPGA 204 I/O 900FCBGA
 RoHs Status: Lead free / RoHS Compliant
 Datasheets: [1.XCZU6EG-L1FFVC900I.pdf](#)
[2.XCZU6EG-L1FFVC900I.pdf](#)
[3.XCZU6EG-L1FFVC900I.pdf](#)
[4.XCZU6EG-L1FFVC900I.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

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Description	IC FPGA 204 I/O 900FCBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Data sheet	1.XCZU6EG-L1FFVC900I.pdf2.XCZU6EG-L1FFVC900I.pdf3.XCZU6EG-L1FFVC900I.pdf4.XCZU6EG-L1FFVC900I.pdf		
Supplier Device Package	900-FCBGA (31x31)	Speed	500MHz, 600MHz, 1.2GHz
Series	Zynq@ UltraScale+™ MPSoC EG	RAM Size	256KB
Primary Attributes	Zynq@UltraScale+™ FPGA, 469K+ Logic Cells	Peripherals	DMA, WDT
Packaging	Tray	Package / Case	900-BBGA, FCBGA
Operating Temperature	-40°C ~ 100°C (TJ)	Number of I/O	204
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, 469K+ Logic Cells 256KB 500MHz, 600MHz, 1.2GHz 900-FCBGA (31X31)	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

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