

XCZU6EG-L1FFVC900I Datasheet



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DiGi Electronics Part Number	XCZU6EG-L1FFVC900I-DG
Manufacturer	AMD
Manufacturer Product Number	XCZU6EG-L1FFVC900I
Description	IC SOC CORTEX-A53 900FCBGA
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 500MHz, 600MHz, 1.2GHz 900-FCBGA (31x31)

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Manufacturer Product Number:

XCZU6EG-L1FFVC900I

Series:

Zynq® UltraScale+™ MPSoC EG

Architecture:

MCU, FPGA

RAM Size:

256KB

Connectivity:

CANbus, EBI/EMI, Ethernet, I2C, MMC/SD/SDIO, SPI, UART/USART, USB 0.500MHz, 600MHz, 1.2GHz

Primary Attributes:

Zynq®UltraScale+™ FPGA, 469K+ Logic Cells

Package / Case:

900-BBGA, FCBGA

Number of I/O:

204

Manufacturer:

AMD

Product Status:

Active

Flash Size:

-

Peripherals:

DMA, WDT

Speed:

0.500MHz, 600MHz, 1.2GHz

Operating Temperature:

-40°C ~ 100°C (TJ)

Supplier Device Package:

900-FCBGA (31x31)

Base Product Number:

XCZU6

Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8542.39.0001

Moisture Sensitivity Level (MSL):

4 (72 Hours)

ECCN:

5A002A4 XIL

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