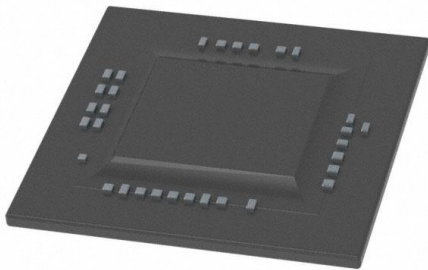


# XCZU7EV-1FBVB900I Datasheet

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DiGi Electronics Part Number	XCZU7EV-1FBVB900I-DG
Manufacturer	AMD
Manufacturer Product Number	XCZU7EV-1FBVB900I
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 EV Zynq®UltraScale+™ FPGA, 504K+ Logic Cells 500MHz, 600MHz, 1.2GHz 900-FCBGA (31x31)

This model XCZU7EV-1FBVB900I is available at DiGi Electronics.

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## Purchase and inquiry

### Manufacturer Product Number:

XCZU7EV-1FBVB900I

### Series:

Zynq® UltraScale+™ MPSoC EV

### 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, 504K+ 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:

XCZU7

## 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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