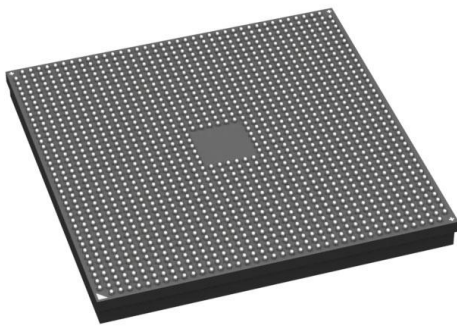


# XCVC1502-1LLIVSVA1596 Datasheet

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DiGi Electronics Part Number	XCVC1502-1LLIVSVA1596-DG
Manufacturer	<a href="#">AMD</a>
Manufacturer Product Number	XCVC1502-1LLIVSVA1596
Description	IC VERSAL AI-CORE FPGA 1596BGA
Detailed Description	Dual ARM® Cortex®-A72 MPCore™ with CoreSight™, Dual ARM®Cortex™-R5F with CoreSight™ System On Chip (SOC) IC Versal™ AI Core Versal™ Prime FPG A, 80k Logic Cells 400MHz, 1GHz 1596-BGA (37.5x37.5)

This model XCVC1502-1LLIVSVA1596 is available at DiGi Electronics.

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## Purchase and inquiry

**Manufacturer Product Number:**

XCVC1502-1LLIVSVA1596

**Series:**

Versal™ AI Core

**Architecture:**

MPU, FPGA

**Flash Size:**

-

**Peripherals:**

DDR, DMA, PCIe

**Speed:**

400MHz, 1GHz

**Operating Temperature:**

-40°C ~ 100°C (TJ)

**Supplier Device Package:**

1596-BGA (37.5x37.5)

**Manufacturer:**

AMD

**Product Status:**

Active

**Core Processor:**

Dual ARM® Cortex®-A72 MPCore™ with CoreSight™, Dual ARM®Cortex™-R5F w

**RAM Size:**

-

**Connectivity:**

CANbus, EBI/EMI, Ethernet, I2C, MMC/SD/SDIO, SPI, UART/USART, USB OTG

**Primary Attributes:**

Versal™ Prime FPGA, 80k Logic Cells

**Package / Case:**

1596-BFBGA

**Number of I/O:**

478

## Environmental & Export classification

**RoHS Status:**

ROHS3 Compliant

**ECCN:**

3A001A7B

**Moisture Sensitivity Level (MSL):**

4 (72 Hours)

**HTSUS:**

8542.39.0001

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