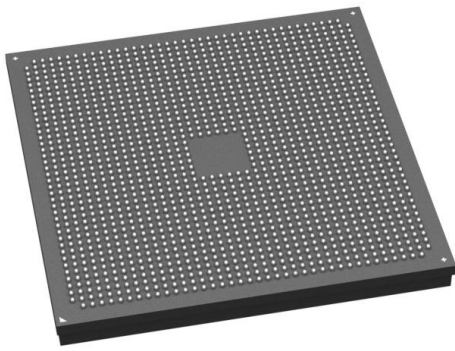


XCVC1902-2HSIVIVA1596 Datasheet

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DiGi Electronics Part Number	XCVC1902-2HSIVIVA1596-DG
Manufacturer	AMD
Manufacturer Product Number	XCVC1902-2HSIVIVA1596
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™ AI Core FPGA, 1.9M Logic Cells 800MHz, 1.65GHz 1596-FCBGA (40x40)

This model XCVC1902-2HSIVIVA1596 is available at DiGi Electronics.

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Purchase and inquiry

Manufacturer Product Number:

XCVC1902-2HSIVIVA1596

Series:

Versal™ AI Core

Architecture:

MPU, FPGA

Flash Size:

-

Peripherals:

DDR, DMA, PCIe

Speed:

800MHz, 1.65GHz

Operating Temperature:

-40°C ~ 100°C (TJ)

Supplier Device Package:

1596-FCBGA (40x40)

Manufacturer:

AMD

Product Status:

Active

Core Processor:

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

RAM Size:

256KB

Connectivity:

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

Primary Attributes:

Versal™ AI Core FPGA, 1.9M Logic Cells

Package / Case:

1596-BFBGA, FCBGA

Number of I/O:

500

Environmental & Export classification

RoHS Status:

ROHS3 Compliant

ECCN:

3A001A7B

Moisture Sensitivity Level (MSL):

4 (72 Hours)

HTSUS:

8542.39.0001

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