Kintex UltraScale FPGA KCU105 Evaluation Kit

Listing details

Reference Number: RF506379

Common

Price: $ 3,388.00
Country: United States
Description:

Kintex UltraScale FPGA KCU105 Evaluation Kit

Manufacturer Part #: EK-U1-KCU105-G

Alternate Part #: EK-U1-KCU105-G

The Kintex® UltraScale™ FPGA KCU105 Evaluation Kit is the perfect development environment for evaluating the cutting edge Kintex UltraScale All Programmable FPGAs. The Kintex UltraScale family delivers ASIC-class system-level performance, clock management, and power management for next generation systems at the right balance of price, performance and power.

This kit is ideal for those prototyping for medium- to high-volume applications, such as Data Center, wireless infrastructure, and other DSP-intensive applications.

What's Included:

KCU105 evaluationboard featuring the Kintex UltraScale XCKU040-2FFVA1156E FPGA
2x 10Gbps SFP+ modules
1x Fiber optic patch cable
1x FMC loopback card
Access to a full seat of Vivado® Design Suite: Design Edition
Device-locked to the XCKU040
Access to targeted reference designs for Ethernet, PCIe and more
Access to design examples for testing all major interfaces on the board

Key Features:

Kintex UltraScale XCKU040-2FFVA1156E device
Zynq® AP SoC XC7Z010 based system controller
2 GB DDR4 component memory (four [256 Mb x 16] devices)
Dual 256 Mb Quad serial peripheral interface flash memory (Dual Quad SPI)
Micro secure digital (SD) connector
USB JTAG interface via Digilent module with micro-B USB connector etc..

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Posted: 7 years ago