

Field Programmable Gate Arrays

Manufacturers	AMD Xilinx, Inc
Package/Case	QFP240
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XCV600-4HQ240I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

RFQ

General Description

XCV600-4HQ240I is a specific model of field-programmable gate array (FPGA) manufactured by Xilinx, which is a leading provider of programmable logic devices.

Features

The device has a high-capacity FPGA fabric with up to 576K logic cells, making it suitable for complex digital designs.

It has a large number of I/O pins, with up to 960 user I/Os and 24 high-speed transceivers.

The device supports multiple communication protocols, including PCI Express, Ethernet, and Serial RapidIO.

It has built-in power management features that allow for efficient use of power and reduce overall system power consumption.

The device has a robust security infrastructure, including support for bitstream encryption and authentication, to prevent unauthorized access and tampering.

Application

High-performance computing (HPC) applications, such as data center acceleration and machine learning.

Networking and communication systems, including switches, routers, and optical transport systems.

Aerospace and defense systems, such as radar and signal processing.

Industrial automation and control systems, including motor control and robotics.

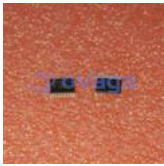


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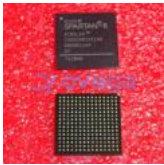
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SOP-20



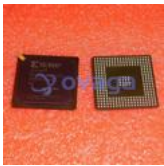
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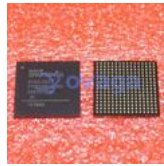
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BGA256



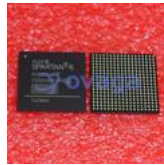
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