

XCV300-5PQ240I

Data Sheet

Male H4 Cable Connector For 2, 5mm² Dual Certified

Manufacturers AMD Xilinx, Inc

Package/Case QFP-240

Product Type Programmable Logic ICs

RoHS

Lifecycle



Images are for reference only

Please submit RFQ for XCV300-5PQ240I or Email to us; sales@ovaga.com We will contact you in 12 hours.



General Description

XCV300-5PQ240I is a field-programmable gate array (FPGA) manufactured by Xilinx.

Features

It has a total of 300,000 system gates.

It has 240-pin Plastic Quad Flat Pack (PQFP) package.

It operates on a 5V power supply.

It has 16 digital clock managers (DCMs) and 1 Phase-Locked Loop (PLL) It can be used for control and monitoring systems, such as in for clock generation and management.

It has built-in Block RAM, which provides up to 3.3 Mb of on-chip storage.

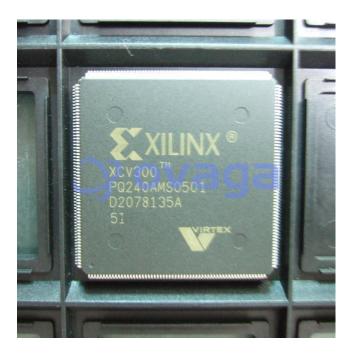
It has a high-speed interface that supports a wide range of protocols, such as PCI, DDR, and Ethernet.

Application

It is widely used in digital signal processing (DSP), telecommunications, and networking applications.

It can be used for high-speed data processing, such as image and video processing, and cryptography.

industrial automation and robotics.



Related Products



XC18V01S020C

AMD Xilinx, Inc SOP-20



XCF04SV0G20C

AMD Xilinx, Inc TSSOP20



XC6SLX4-2CSG225C

AMD Xilinx, Inc BGA-225



<u>XCV50-6BG256C</u>

AMD Xilinx, Inc BGA256



XCF08PV0G48C

AMD Xilinx, Inc TSOP-48



XC6SLX25-3FTG256C

AMD Xilinx, Inc BGA-256



XC6SLX16-3CSG324C

AMD Xilinx, Inc BGA-324



XCF32PVO48C

AMD Xilinx, Inc TSOP48