

## Virtex-II 1.5V Field-Programmable Gate Arrays

Manufacturers	<a href="#">AMD Xilinx, Inc</a>
Package/Case	BGA-575
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC2V2000-4BG575I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

RFQ

## General Description

XC2V2000-4BG575I is a field-programmable gate array (FPGA) device manufactured by Xilinx. Here are some of its features:

### Features

The "XC2V" in the name refers to the Virtex-II family of FPGAs, which were introduced by Xilinx in 2000.

The "2000" in the name refers to the number of logic cells (or configurable logic blocks) in the device. This means that the XC2V2000-4BG575I has 2,000 logic cells that can be programmed to perform a variety of tasks.

The "4BG575I" in the name refers to the device's configuration, which includes 4 banks of general-purpose I/O (GPIO) pins and a maximum clock speed of 575 MHz.

The device has a 1.8V core voltage and is built on a 0.13-micron process technology.

### Application

High-speed digital signal processing

Video and image processing

Aerospace and defense systems

Communications systems

Industrial automation

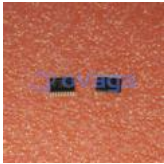


### Related Products



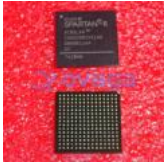
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AMD Xilinx, Inc  
SOP-20



[XCF04SV0G20C](#)

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TSSOP20



[XC6SLX4-2CSG225C](#)

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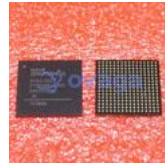
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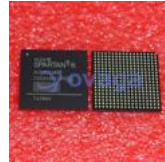
[XCF08PV0G48C](#)

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