

80000 SYSTEM GATE 1.5 VOLT FPGA

Manufacturers	AMD Xilinx, Inc
Package/Case	256-BGA
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC2V80-5FGG256C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC2V80-5FGG256C is a field-programmable gate array (FPGA) manufactured by Xilinx Inc., a leading provider of programmable logic devices.

Features

It has a total of 80,000 logic cells and 2.7 million system gates.

It operates on a 1.2V core voltage and a 2.5V or 3.3V auxiliary voltage.

It supports up to 696 user I/O pins, which can be configured as single-ended or differential.

It has a maximum clock frequency of 400 MHz.

It features built-in block RAM, Digital Signal Processing (DSP) blocks, and configurable I/O standards.

Application

It is commonly used in industrial automation, telecommunications, aerospace, and defense applications.

It can be used in high-performance computing systems for acceleration or offloading of compute-intensive tasks.

It can be used in video processing systems to perform tasks such as image compression and decompression, video scaling, and filtering.

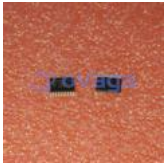


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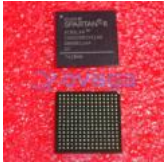
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SOP-20



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[XC6SLX4-2CSG225C](#)

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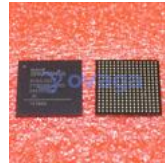
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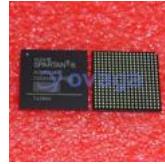
[XCF08PV0G48C](#)

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