

FPGA Virtex-II Family 1M Gates 11520 Cells 750MHz 0.15um/0.12um (CMOS)
Technology 1.5V

Manufacturers	AMD Xilinx, Inc
Package/Case	BGA256
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC2V1000-5FGG256I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC2V1000-5FGG256I is an FPGA (Field-Programmable Gate Array) from Xilinx, a leading manufacturer of programmable logic devices. Here is some information about its features, applications, and equivalent parts number list:

Features

- 1000K system gates (equivalent to about 1 million logic gates)
- 360 input/output pins
- 256-pin Fine-Pitch Ball-Grid Array (FBGA) package
- 5 ns pin-to-pin logic delay
- 1.8V core voltage
- 3.3V or 2.5V I/O voltage

Application

- Digital signal processing (DSP)
- High-speed communication systems
- Image and video processing
- Industrial control systems
- Medical imaging
- Aerospace and defense



Related Products



[XC18V01S020C](#)

AMD Xilinx, Inc
SOP-20



[XCF04SV0G20C](#)

AMD Xilinx, Inc
TSSOP20



[XC6SLX4-2CSG225C](#)

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BGA-225



[XCV50-6BG256C](#)

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[XCF08PV0G48C](#)

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[XC6SLX25-3FTG256C](#)

AMD Xilinx, Inc
BGA-256



[XC6SLX16-3CSG324C](#)

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BGA-324



[XCF32PVO48C](#)

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TSOP48