

FPGA 1000000 SYSTEM GATE 1.8 VOLT - NOT RECOMMENDED for NEW DESIGN

Manufacturers	AMD Xilinx, Inc
Package/Case	FBGA-680
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XCV1000E-6FGG680C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.



General Description

XCV1000E-6FGG680C is a part number for a field-programmable gate array (FPGA) manufactured by Xilinx, a leading company in the FPGA industry.

Features

The XCV1000E-6FGG680C has a total of 1,008,384 logic cells.

It has 64 RocketIO serial transceivers, which can transmit data at up to 3.2 Gbps.

The device has a maximum operating frequency of 400 MHz.

It has a total of 732 user I/O pins.

The FPGA has a 6-input lookup table (LUT) architecture with fast carry logic and dedicated cascade connections for efficient arithmetic implementations.

Application

Communications systems

Video processing

Aerospace and defense

Industrial automation

Medical equipment

Test and measurement equipment

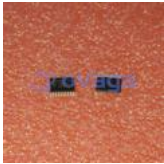


Related Products



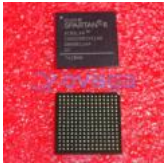
[XCV1000E](#)

AMD Xilinx, Inc
SOP-20



[XCF04SV0G20C](#)

AMD Xilinx, Inc
TSSOP20



[XC6SLX4-2CSG225C](#)

AMD Xilinx, Inc
BGA-225



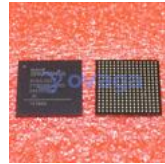
[XCV50-6BG256C](#)

AMD Xilinx, Inc
BGA256



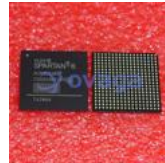
[XCF08PV0G48C](#)

AMD Xilinx, Inc
TSOP-48



[XC6SLX25-3FTG256C](#)

AMD Xilinx, Inc
BGA-256



[XC6SLX16-3CSG324C](#)

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BGA-324



[XCF32PVO48C](#)

AMD Xilinx, Inc
TSOP48