

FPGA SPARTAN-3 4M GATES 725MHz 676FBGA

Manufacturers	AMD Xilinx, Inc
Package/Case	BGA676
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC3S4000-5FGG676C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC3S4000-5FGG676C is a high-performance Field-Programmable Gate Array (FPGA) manufactured by Xilinx Inc. Here are some of its features:

Features

- It has a total of 4,032,000 system gates.
- It is based on a 90nm CMOS process technology.
- It has a maximum operating frequency of 500MHz.
- It has 648 user I/O pins, which support a variety of different signal standards, including LVDS and SSTL.
- It has 216 36-kbit block RAMs, which can be used as single-port or dual-port memory.

Application

- High-performance computing systems, such as video processing, audio processing, and networking applications.
- Embedded systems, such as industrial control systems, automotive systems, and medical equipment.
- Aerospace and defense systems, such as radar systems, avionics, and communication systems.



Related Products



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[XCF04SV0G20C](#)

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