

1.8M Gates 37440 Cells 667MHz 90nm Technology 1.2V

Manufacturers	AMD Xilinx, Inc
Package/Case	BGA-676
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC3SD1800A-4FGG676I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC3SD1800A-4FGG676I is a field-programmable gate array (FPGA) device manufactured by Xilinx, which is a high-performance programmable logic device used in various electronic applications. Here are some of its features:

Features

- It has a 1.8 million system gate count and 1,116 I/O pins.
- It operates with a maximum frequency of 550 MHz.
- It has a 90 nm CMOS technology, which provides low power consumption and high-speed performance.
- It supports various communication protocols such as PCI Express, Ethernet, and Serial RapidIO.

Application

- Digital signal processing (DSP)
- High-speed data processing
- Video and image processing
- Network processing
- Aerospace and defense applications



Related Products



[XCF18V01S020C](#)

AMD Xilinx, Inc
SOP-20



[XCF04SV0G20C](#)

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[XC6SLX16-3CSG324C](#)

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