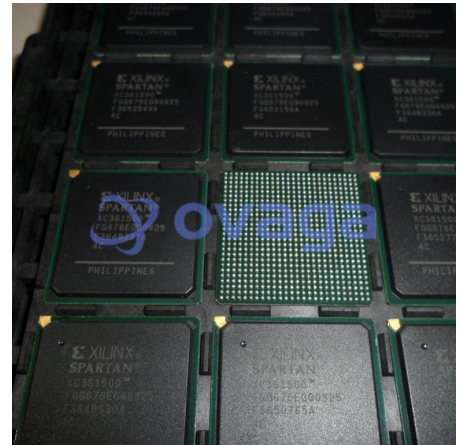


FPGA Spartan®-3 Family 1.5M Gates 29952 Cells 630MHz 90nm Technology 1.2V

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



Images are for reference only

Please submit RFQ for XC3S1500-4FGG676C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC3S1500-4FGG676C is a field-programmable gate array (FPGA) manufactured by Xilinx, a leading supplier of programmable logic devices.

Features

- It has 1.5 million system gates (logic cells) which can be configured to perform a wide range of digital functions.
- It has 580 user I/O pins which can be used to interface with other digital devices.
- It has 216 block RAMs, each with a capacity of 18Kbits, providing a total of 3.8Mbits of on-chip memory.
- It operates at a maximum frequency of 500MHz

Application

- Digital signal processing (DSP)
- High-speed networking
- Industrial control and automation
- Video and image processing
- Aerospace and defense

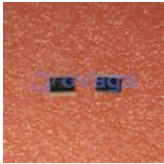


Related Products



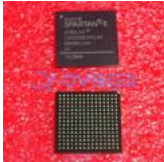
[XC18V01S020C](#)

AMD Xilinx, Inc
SOP-20



[XCF04SV0G20C](#)

AMD Xilinx, Inc
TSSOP20



[XC6SLX4-2CSG225C](#)

AMD Xilinx, Inc
BGA-225



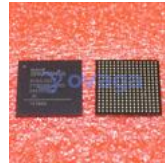
[XCV50-6BG256C](#)

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[XCF08PV0G48C](#)

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[XC6SLX25-3FTG256C](#)

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BGA-256



[XC6SLX16-3CSG324C](#)

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BGA-324



[XCF32PVO48C](#)

AMD Xilinx, Inc
TSOP48