XC3S200A-4FGG320C

Data Sheet

FPGA Spartan®-3A Family 200K Gates 4032 Cells 667MHz 90nm Technology 1.2V

Manufacturers	AMD Xilinx, Inc
Package/Case	BGA320
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	

Images are for reference only

Please submit RFQ for XC3S200A-4FGG320C or Email to us: sales@ovaga.com We will contact you in 12 hours.

RFQ

General Description

XC3S200A-4FGG320C is a model number of a field-programmable gate array (FPGA) developed by Xilinx, a leading provider of programmable logic devices. Here are some of its features:

Features

It has 200,000 system gates, which means it can implement complex digital circuits.

It has 348 input/output (I/O) pins, which can be used to interface with external devices.

It operates at a maximum frequency of 400 MHz, which means it can perform millions of operations per second.

It has 320 pins in a Fine-Pitch Ball-Grid Array (FBGA) package, which allows for high-density mounting on a printed circuit board (PCB).

It operates at a supply voltage of 1.2V, which means it consumes less power.

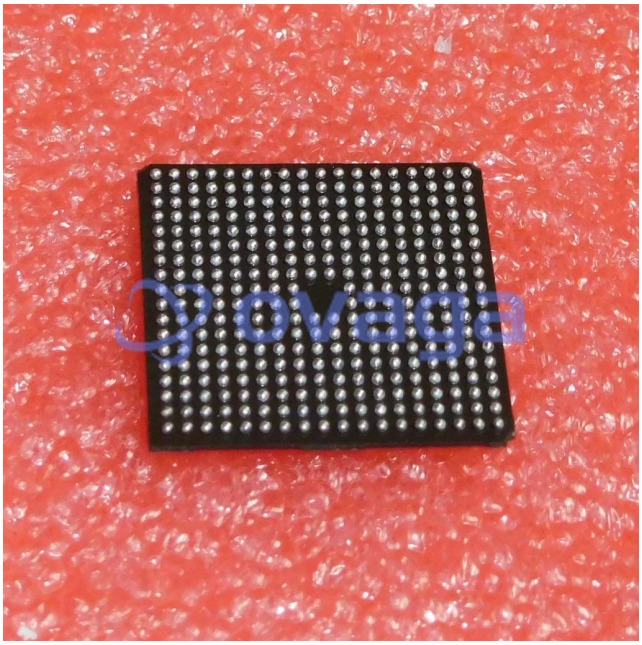
Application

Communications: It can be used to implement high-speed interfaces such as Gigabit Ethernet, USB, and HDMI.

Digital signal processing: It can be used to implement digital filters, modulators, and demodulators.

Industrial control: It can be used to implement control algorithms for manufacturing equipment, robotics, and process control.

Aerospace and defense: It can be used to implement high-performance radar and communication systems.



Related Products

[XC18V01S020C](#)

AMD Xilinx, Inc

SOP-20

[XCF08PV0G48C](#)

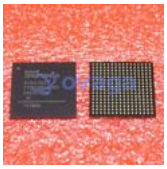
AMD Xilinx, Inc

TSOP-48

[XCF04SV0G20C](#)

AMD Xilinx, Inc

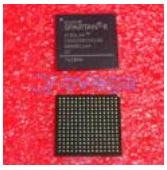
TSSOP20



[XC6SLX25-3FTG256C](#)

AMD Xilinx, Inc

BGA-256



[XC6SLX4-2CSG225C](#)

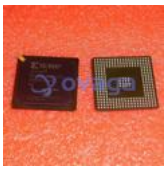
AMD Xilinx, Inc

BGA-225

[XC6SLX16-3CSG324C](#)

AMD Xilinx, Inc

BGA-324



[XCV50-6BG256C](#)

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BGA256

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TSOP48