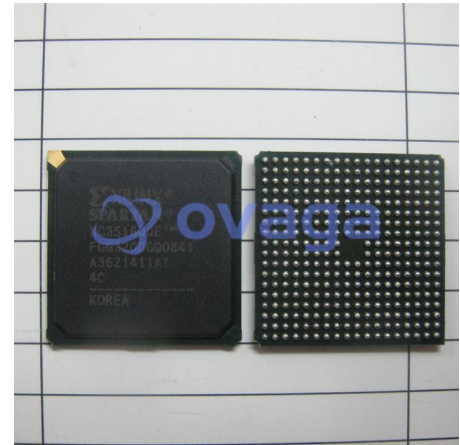


1.6M Gates 33192 Cells 572MHz 90nm (CMOS) Technology 1.2V

Manufacturers	<a href="#">AMD Xilinx, Inc</a>
Package/Case	320FBGA
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC3S1600E-4FGG320C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

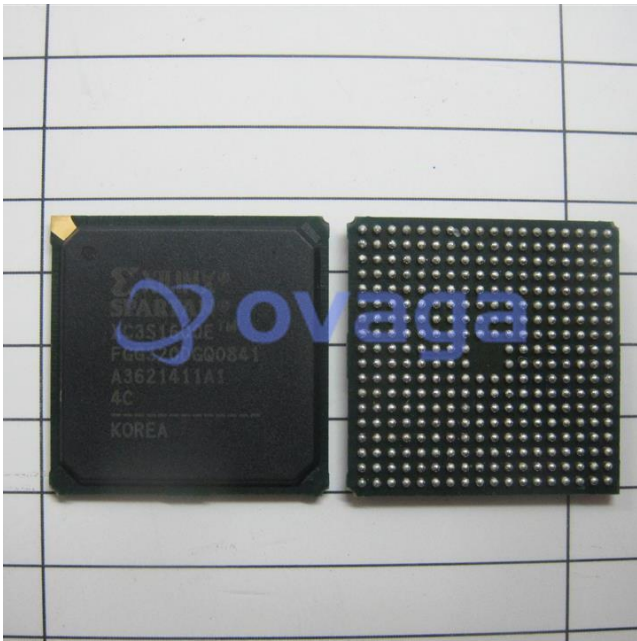
XC3S1600E-4FGG320C is a product code for a field-programmable gate array (FPGA) manufactured by Xilinx, a leading provider of FPGA technology.

## Features

- The "XC" in the product code indicates that it's a Virtex-3 series FPGA.
- "S" stands for the speed grade of the FPGA.
- "1600" refers to the number of logic cells in the device.
- "E" indicates that the device uses extended operating temperature range.
- "4" represents the number of speed grade of the device.
- "F" indicates the package type of the device.
- "GG" represents the number of pins and the pin configuration of the device.
- "320C" denotes that the device operates with a 3.3V voltage supply.

## Application

- Communications systems
- Video processing and display
- Automotive systems
- Industrial automation and control
- Aerospace and defense systems
- Medical devices



**Related Products**



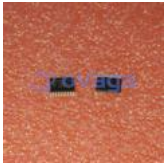
[XC18V01S020C](#)

AMD Xilinx, Inc  
SOP-20



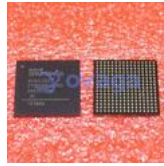
[XCF08PV0G48C](#)

AMD Xilinx, Inc  
TSOP-48



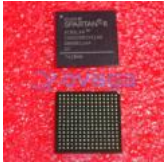
[XCF04SV0G20C](#)

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](#)

AMD Xilinx, Inc  
BGA256



[XCF32PVO48C](#)

AMD Xilinx, Inc  
TSOP48