

FPGA Spartan-3E Family 500K Gates 10476 Cells 572MHz 90nm Technology 1.2V 320Pin FBGA

Manufacturers	<a href="#">AMD Xilinx, Inc</a>
Package/Case	BGA320
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC3S500E-4FGG320C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

XC3S500E-4FGG320C is a field-programmable gate array (FPGA) device manufactured by Xilinx.

### Features

- 500,000 system gates
- 18,432 logic cells
- 24 Digital Signal Processing (DSP) slices
- 2.1 Mb Block RAM
- 500 MHz maximum clock frequency
- 1.2V core voltage
- 1.5V to 3.3V I/O voltage range
- 320-pin Fine-pitch Ball Grid Array (FBGA) package

### Application

- Industrial control systems
- Automotive electronics
- Aerospace and defense systems
- High-performance computing
- Audio and video processing
- Medical equipment
- Communications equipment
- Test and measurement equipment



### Related Products



[XC18V01S020C](#)

AMD Xilinx, Inc  
SOP-20



[XCF04SV0G20C](#)

AMD Xilinx, Inc  
TSSOP20



[XC6SLX4-2CSG225C](#)

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[XCV50-6BG256C](#)

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BGA256



[XCF08PV0G48C](#)

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[XC6SLX25-3FTG256C](#)

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BGA-256



[XC6SLX16-3CSG324C](#)

AMD Xilinx, Inc  
BGA-324



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TSOP48