

Spartan-3E Family 500K Gates 10476 Cells 572MHz 90nm (CMOS) Technology 1.2V

Manufacturers	AMD Xilinx, Inc
Package/Case	BGA256
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC3S500E-4FT256C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC3S500E-4FT256C is a field-programmable gate array (FPGA) device manufactured by Xilinx. It belongs to the Spartan-3E family of FPGAs and has 500,000 system gates.

Features

- 500,000 system gates
- 28,800 logic cells
- 576 Kb block RAM
- 72 DSP slices
- 500 MHz maximum frequency
- 1.2V core voltage
- 2.5V or 3.3V I/O voltage
- 256-pin Fine-Pitch Ball Grid Array (FBGA) package

Application

- Digital signal processing (DSP)
- Image processing and video applications
- Industrial control and automation
- High-performance computing and networking
- Aerospace and defense applications
- Test and measurement equipment

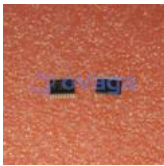


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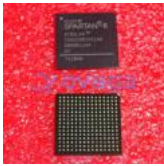
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SOP-20



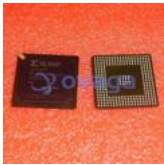
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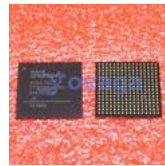
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