

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

Manufacturers	AMD Xilinx, Inc
Package/Case	QFP-100
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC3S500E-4VQG100C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC3S500E-4VQG100C is a field-programmable gate array (FPGA) device developed by Xilinx, which is a programmable logic IC that can be configured by a designer after manufacturing.

Features

- 500K system gates (equivalent to 1,152 macrocells)
- 36,864 logic cells
- 1,152 Kb block RAM
- 500 MHz maximum operating frequency
- 1.2V core voltage
- 100-pin very thin quad flat pack (VQFP) package

Application

- Digital signal processing
- Industrial control systems
- Automotive applications
- Video and image processing
- Networking equipment
- Aerospace and defense systems



Related Products



[XC18V01S020C](#)

AMD Xilinx, Inc
SOP-20



[XCF04SV0G20C](#)

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