

FPGA Spartan®-3E Family 250K Gates 5508 Cells 572MHz 90nm (CMOS) Technology 1.2V

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



Images are for reference only

Please submit RFQ for XC3S250E-4VQG100I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC3S250E-4VQG100I is a product of Xilinx, which is a Field Programmable Gate Array (FPGA) device. It belongs to the Spartan-3E family of FPGAs and has 250K system gates.

Features

- It has a maximum operating frequency of 250 MHz.
- It has 250K system gates, 4.4Mb block RAM, and 224 I/O pins.
- It has 18 multipliers, which can perform parallel operations on 18x18 bit numbers.
- It has two global clock networks, eight low-skew clock networks, and abundant routing resources.
- It operates on a 1.2V core voltage and 2.5V auxiliary voltage.
- It supports JTAG programming and in-system programming.

Application

- It can be used in a variety of applications such as video processing, wireless communication, industrial control, and automotive systems.
- It can be used in high-performance digital signal processing applications that require fast processing speeds.
- It can be used as a co-processor in microprocessor-based systems to offload complex processing tasks.
- It can be used in a wide range of system-level designs, including video and image processing, medical instrumentation, and scientific research.

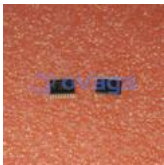


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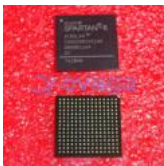
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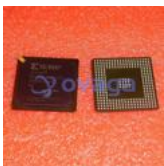
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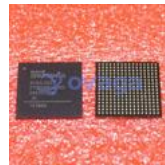
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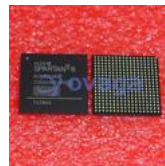
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