

Field Programmable Gate Array, 240 CLBs, 100000Gates, 572MHz, 2160-Cell, CMOS, PQFP100, 16 X 16MM, 1.2MM HEIGHT, 0.5MM PITCH, LEAD FREE, VQFP-100

Manufacturers	<a href="#">AMD Xilinx, Inc</a>
Package/Case	QFP100
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC3S100E-4VQG100C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

XC3S100E-4VQG100C is a field-programmable gate array (FPGA) manufactured by Xilinx. It belongs to the Spartan-3E family and has 100,000 system gates.

## Features

- 100,000 system gates (equivalent to approximately 5,000 to 10,000 logic cells)
- 36kb block RAM
- 4 Digital Clock Managers (DCMs)
- 192 user I/Os
- Supports up to 350MHz clock frequency
- 3.3V power supply
- Available in a 100-pin VQFP package

## Application

- Communication systems
- Medical equipment
- Industrial control systems
- Video and image processing
- Robotics
- Automotive systems
- Aerospace and defense

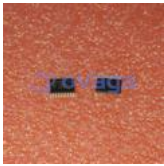


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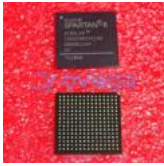
[XC18V01S020C](#)

AMD Xilinx, Inc  
SOP-20



[XCF04SV0G20C](#)

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TSSOP20



[XC6SLX4-2CSG225C](#)

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BGA-225



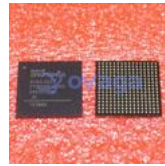
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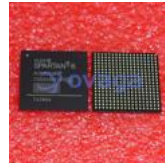
[XCF08PV0G48C](#)

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