

300,000 SYSTEM GATE 1.8V FPGA - NOT RECOMMENDED for NEW DESIGN

Manufacturers	AMD Xilinx, Inc
Package/Case	208-BFQFP
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC2S300E-6PQG208C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC2S300E-6PQG208C is a part number for a Field-Programmable Gate Array (FPGA) manufactured by Xilinx Inc. Here are some details about this device:

Features

- 300,000 System Gates
- 4640 Logic Cells
- 216 KB RAM
- 8 Digital Clock Managers (DCMs)
- 4 Phase-Locked Loops (PLLs)
- 2 PowerPC Processor Cores
- 316 user I/O pins
- 1.8V to 3.3V power supply
- 40°C to +100°C operating temperature range

Application

- Aerospace and defense
- Automotive
- Industrial control and automation
- Medical equipment
- Networking and telecommunications
- Video and image processing

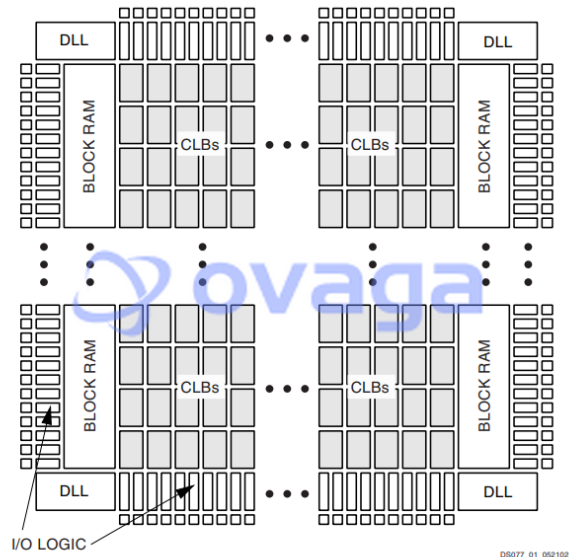


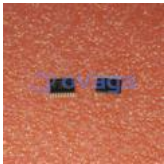
Figure 1: Basic Spartan-III Family FPGA Block Diagram

Related Products



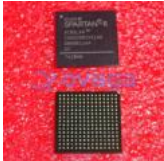
[XC18V01S020C](#)

AMD Xilinx, Inc
SOP-20



[XCF04SV0G20C](#)

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TSSOP20



[XC6SLX4-2CSG225C](#)

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BGA-225



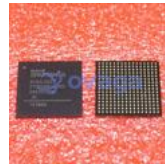
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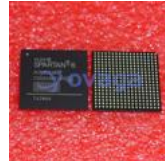
[XCF08PV0G48C](#)

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