

5000 SYSTEM GATE 3.3 VOLT LOGIC CELL ARR - NOT RECOMMENDED for NEW DESIGN

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



Images are for reference only

Please submit RFQ for XCS05XL-4VQG100I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XCS05XL-4VQG100I is a specific model of Field Programmable Gate Array (FPGA) manufactured by Xilinx, an American semiconductor company.

Features

The XCS05XL-4VQG100I has 5,000 logic cells and 192 input/output pins.

It operates on a 1.8V power supply and has a maximum frequency of 350 MHz.

The FPGA has a total of 216 Kb of internal memory and 36 Kb of block RAM.

Application

The XCS05XL-4VQG100I is used in a variety of applications, including digital signal processing, video and image processing, control systems, and communication systems.

It is often used in high-performance computing systems that require fast and flexible processing.

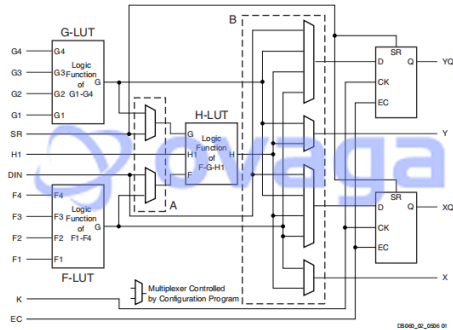


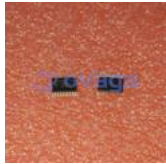
Figure 2: Spartan/XL Simplified CLB Logic Diagram (some features not shown)

Related Products



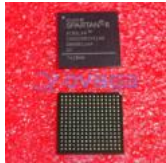
[XCV18V01S020C](#)

AMD Xilinx, Inc
SOP-20



[XCF04SV0G20C](#)

AMD Xilinx, Inc
TSSOP20



[XC6SLX4-2CSG225C](#)

AMD Xilinx, Inc
BGA-225



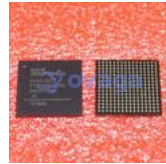
[XCV50-6BG256C](#)

AMD Xilinx, Inc
BGA256



[XCF08PV0G48C](#)

AMD Xilinx, Inc
TSOP-48



[XC6SLX25-3FTG256C](#)

AMD Xilinx, Inc
BGA-256



[XC6SLX16-3CSG324C](#)

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BGA-324



[XCF32PVO48C](#)

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TSOP48