

5000 GATE LOGIC CELL ARRAY - NOT RECOMMENDED for NEW DESIGN FPGA

Manufacturers	<a href="#">AMD Xilinx, Inc</a>
Package/Case	160-BQFP
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC4005E-4PQ160C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

XC4005E-4PQ160C is a Field Programmable Gate Array (FPGA) device manufactured by Xilinx. Here's some information about its features and applications:

### Features

- 4000 logic cells (equivalent to 4000 basic gates)
- 54 I/O pins
- 112 user I/O pins
- 4 input LUTs per logic cell
- 64 macrocells (flip-flops or latches)
- 4 global clock signals
- 3.3V or 5V operation

### Application

- Digital signal processing (DSP)
- Control systems
- Communications
- Military and aerospace applications
- Industrial automation
- Consumer electronics



## Related Products



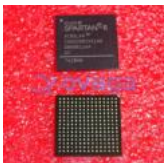
### [XC18V01S020C](#)

AMD Xilinx, Inc  
SOP-20



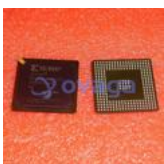
### [XCF04SY0G20C](#)

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### [XC6SLX4-2CSG225C](#)

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BGA-225



### [XCV50-6BG256C](#)

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BGA256



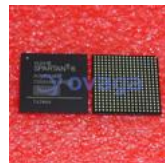
### [XCF08PV0G48C](#)

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### [XC6SLX25-3FTG256C](#)

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### [XC6SLX16-3CSG324C](#)

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BGA-324



### [XCF32PVO48C](#)

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