

FPGA XC4000E Family 3K Gates 238 Cells 0.35um Technology 5V 100-Pin PQFP EP

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 XC4003E-4PQ100I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.



## General Description

XC4003E-4PQ100I is a part number of a Field-Programmable Gate Array (FPGA) manufactured by Xilinx. Here are some details about the part:

## Features

**Features:** The XC4003E-4PQ100I FPGA has 4000 logic cells, 144 I/O pins, 12 dedicated multiplier blocks, and a maximum operating frequency of 83 MHz. It uses 5V power supply and operates over an industrial temperature range of -40°C to +85°C. The FPGA has programmable interconnects and flip-flops, which allows designers to implement custom logic functions.

**Applications:** The XC4003E-4PQ100I FPGA is used in a variety of applications, including telecommunications, automotive, consumer electronics, and industrial automation. It is commonly used for digital signal processing, control logic, and interface logic.

**Equivalent parts number list:** Some equivalent parts for the XC4003E-4PQ100I FPGA are XC4003E-3PQ100C, XC4003E-4PQ100C, XC4003E-5PQ100C, and XC4003E-6PQ100C. However, it is important to note that not all of these parts have the same speed grade or temperature range as the XC4003E-4PQ100I, so designers should carefully consider their requirements before selecting an equivalent part.



## Related Products



### [XC18V01S020C](#)

AMD Xilinx, Inc  
SOP-20



### [XCF04SV0G20C](#)

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

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### [XCF08PV0G48C](#)

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

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### [XCF32PVO48C](#)

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