

Virtex-4 FPGA 448 I/O 668FCBGA

Manufacturers	<a href="#">AMD Xilinx, Inc</a>
Package/Case	BGA-668
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC4VLX40-10FF668C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

XC4VLX40-10FF668C is a field-programmable gate array (FPGA) manufactured by Xilinx, which belongs to the Virtex-4 LX series.

### Features

The XC4VLX40-10FF668C contains 40,960 logic cells and 1,296 kilobits of block RAM.

It has a total of 640 I/O pins and a maximum user I/O count of 456.

The device operates with a maximum clock frequency of 528 MHz and supports a variety of high-speed serial communication protocols, such as PCI Express, Serial RapidIO, and XAUI.

It has a 10ns (maximum) propagation delay and a power consumption of 5.5W (typical) at 500 MHz.

### Application

The XC4VLX40-10FF668C is commonly used in digital signal processing, video processing, and wireless communication applications.

It is also used in high-performance computing, medical imaging, and aerospace systems.

The device is often used in applications where high-speed data processing, low-latency communication, and high bandwidth are required.

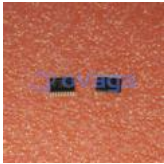


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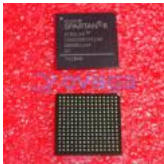
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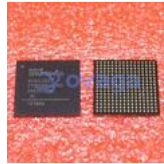
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