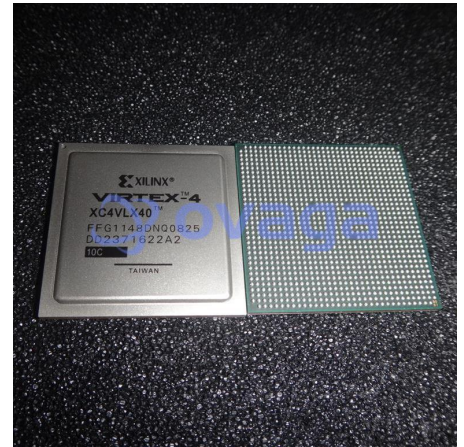


FPGA Virtex®-4 Family 41472 Cells 90nm (CMOS) Technology 1.2V 1148Pin FCBGA

Manufacturers	AMD Xilinx, Inc
Package/Case	FCBGA11
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC4VLX40-10FFG1148C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC4VLX40-10FFG1148C is a field-programmable gate array (FPGA) manufactured by Xilinx, a leading provider of programmable logic devices.

Features

It has 40,960 logic cells and can implement complex digital designs.

The device supports a wide range of I/O standards including LVDS, LVPECL, PCI Express, and more.

It has 720 Kb of block RAM and 64 DSP slices, which makes it suitable for signal processing applications.

The device operates at a maximum clock frequency of 400 MHz.

It has an on-chip PowerPC processor for embedded processing applications.

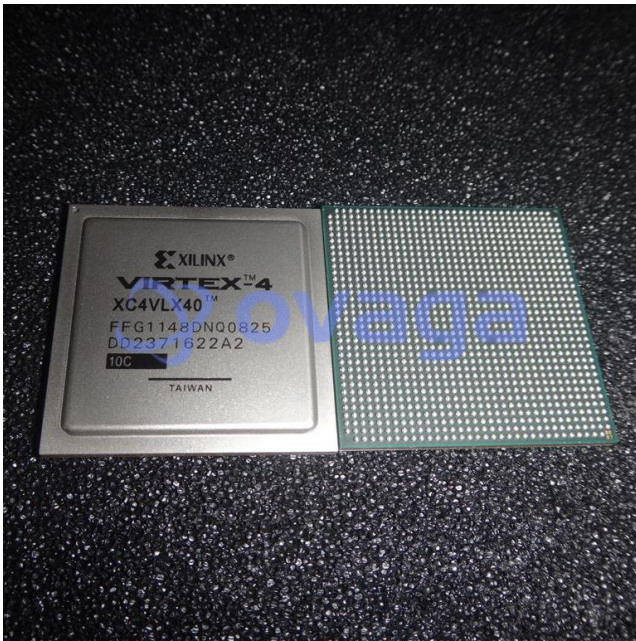
The device is manufactured using a 90nm process technology.

Application

XC4VLX40-10FFG1148C is widely used in high-performance computing, video processing, and communication applications.

It can be used in wireless base stations, aerospace and defense applications, and high-speed networking equipment.

The device is also used in image and video processing, as well as scientific and medical imaging applications.



Related Products



[XC18V01S020C](#)

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SOP-20



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