FPGA Virtex®-4 LX Family 24192 Cells 90nm (CMOS) Technology 1.2V

Manufacturers	AMD Xilinx, Inc
Package/Case	FBGA668
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	

Images are for reference only

Please submit RFQ for XC4VLX25-10FF668I or Email to us: sales@ovaga.com We will contact you in 12 hours.

RFQ

General Description

XC4VLX25-10FF668I is a field-programmable gate array (FPGA) device manufactured by Xilinx, which is a programmable logic device that can be reconfigured to perform a wide range of digital logic functions.

Features

It has 25,440 logic cells that can be used to implement a variety of digital logic functions.

It has 768 input/output pins that can be used to interface with other digital circuits or devices.

It has a maximum clock frequency of 625 MHz, which means it can perform up to 625 million clock cycles per second.

It has embedded hard IP blocks for various functions such as memory controllers, DSP blocks, and Ethernet MACs.

Application

Communications systems, such as wireless base stations and routers.

Industrial control systems, such as programmable logic controllers (PLCs) and motor control systems.

Video processing systems, such as high-definition (HD) video encoders and decoders.

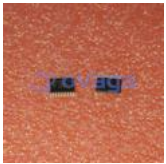Aerospace and defense systems, such as radar and signal processing systems.
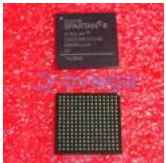
Related Products

[XC18V01S020C](#)

AMD Xilinx, Inc

SOP-20

[XCF08PV0G48C](#)

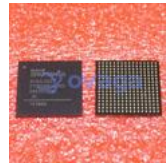AMD Xilinx, Inc

TSOP-48

[XCF04SV0G20C](#)

AMD Xilinx, Inc

TSSOP20

[XC6SLX25-3FTG256C](#)

AMD Xilinx, Inc

BGA-256

[XC6SLX4-2CSG225C](#)

AMD Xilinx, Inc

BGA-225

[XC6SLX16-3CSG324C](#)

AMD Xilinx, Inc

BGA-324

[XCV50-6BG256C](#)

AMD Xilinx, Inc
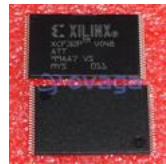
BGA256

[XCF32PVO48C](#)

AMD Xilinx, Inc

TSOP48