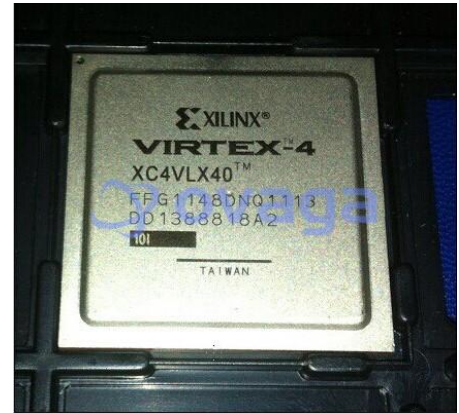


FPGA Virtex®-4 LX Family 41472 Cells 90nm (CMOS) Technology 1.2V

Manufacturers	AMD Xilinx, Inc
Package/Case	BGA-1148
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC4VLX40-10FFG1148I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

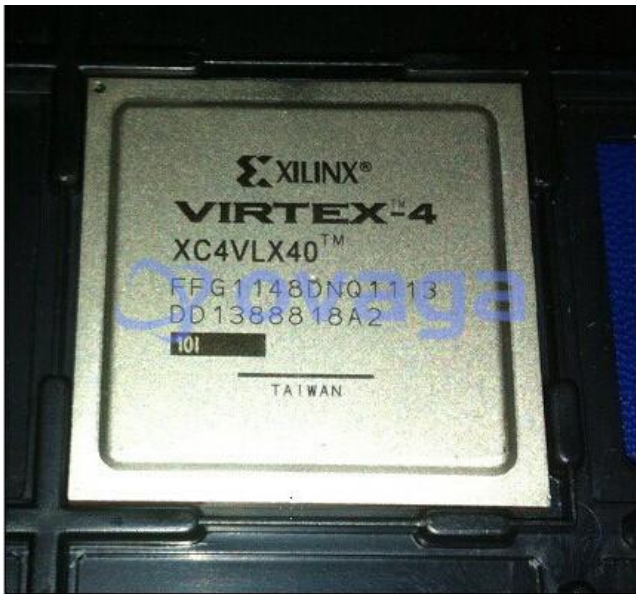
XC4VLX40-10FFG1148I is a field-programmable gate array (FPGA) manufactured by Xilinx. Here's some information about its features and applications:

Features

- Contains 40,960 logic cells
- Supports up to 760 input/output pins
- Contains 24 DSP slices for digital signal processing
- Supports up to 800 Mb/s data transfer rates
- Has a maximum operating frequency of 667 MHz
- Fabricated using a 90 nm process technology
- Contains embedded hard IP blocks for Ethernet, PCI Express, and other common interfaces

Application

- Wireless infrastructure equipment
- Wired networking equipment
- Video processing and transmission systems
- Industrial automation and control systems
- Medical imaging equipment
- Aerospace and defense systems



Related Products



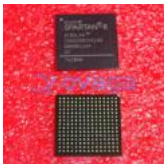
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AMD Xilinx, Inc
SOP-20



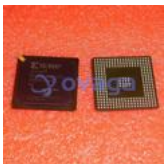
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AMD Xilinx, Inc
TSSOP20



[XC6SLX4-2CSG225C](#)

AMD Xilinx, Inc
BGA-225



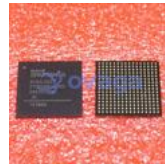
[XCV50-6BG256C](#)

AMD Xilinx, Inc
BGA256



[XCF08PV0G48C](#)

AMD Xilinx, Inc
TSOP-48



[XC6SLX25-3FTG256C](#)

AMD Xilinx, Inc
BGA-256



[XC6SLX16-3CSG324C](#)

AMD Xilinx, Inc
BGA-324



[XCF32PVO48C](#)

AMD Xilinx, Inc
TSOP48