

Virtex-4 FPGA 768 I/O 1148FCBGA

Manufacturers

[AMD Xilinx, Inc](#)

Package/Case

BGA-1148

Product Type

Programmable Logic ICs

RoHS

Lifecycle



Images are for reference only

Please submit RFQ for XC4VLX100-10FF1148C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC4VLX100-10FF1148C is a Field Programmable Gate Array (FPGA) device from the Xilinx Virtex-4 LX series, which was released in 2004.

Features

The device has 100,160 logic cells and can support up to 416 I/O pins.

It operates at a maximum frequency of 500 MHz and has a total of 12.8 Mb of internal memory.

The FPGA has a 10 ns minimum clock cycle time and uses a 1.2V core voltage.

It also supports advanced features such as built-in high-speed serial transceivers, dynamic power management, and integrated RocketIO transceivers for high-speed serial communication.

Application

XC4VLX100-11FF1148I

XC4VLX100-11FFG1148I

XC4VLX100-12FF1148C

XC4VLX100-12FF1148I

XC4VLX100-12FFG1148C

XC4VLX100-12FFG1148I

XC4VLX100-13FF1148C

XC4VLX100-13FF1148I

XC4VLX100-13FFG1148C

XC4VLX100-13FFG1148I



Related Products



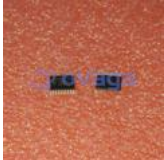
[XCF18V01S020C](#)

AMD Xilinx, Inc
SOP-20



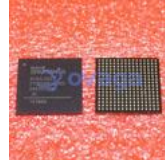
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AMD Xilinx, Inc
TSOP-48



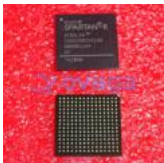
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TSSOP20



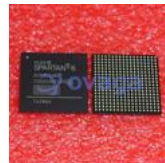
[XCF6SLX25-3FTG256C](#)

AMD Xilinx, Inc
BGA-256



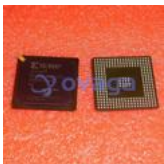
[XCF6SLX4-2CSG225C](#)

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BGA-225



[XCF6SLX16-3CSG324C](#)

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BGA-324



[XCV50-6BG256C](#)

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BGA256



[XCF32PVO48C](#)

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