

FPGA Virtex®-4 SX Family 55296 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 XC4VSX55-10FFG1148C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC4VSX55-10FFG1148C is a field-programmable gate array (FPGA) manufactured by Xilinx. Here are its features:

Features

The device belongs to the Virtex-4 family of FPGAs and has a capacity of 55,008 logic cells.

It operates with a maximum frequency of 475 MHz and has a total of 864 I/O pins.

It has a 10ns minimum clock period and a 1.8V core voltage.

It also includes built-in features such as embedded processors, digital signal processing (DSP) blocks, and configurable I/O standards.

Application

High-performance computing

Digital signal processing

Aerospace and defense systems

Broadcast and video processing

Industrial automation and control



Related Products



[XCF18V01S020C](#)

AMD Xilinx, Inc
SOP-20



[XCF04SV0G20C](#)

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