XC2V2000-5FF896C

Data Sheet

Virtex-II 1.5V Field-Programmable Gate Arrays

Manufacturers	AMD Xilinx, Inc
Package/Case	BGA-896
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	

Images are for reference only

Please submit RFQ for XC2V2000-5FF896C or Email to us: sales@ovaga.com We will contact you in 12 hours.

RFQ

General Description

XC2V2000-5FF896C is an FPGA (Field Programmable Gate Array) manufactured by Xilinx. Here are some of its features:

Features

It has a capacity of 2 million system gates, which makes it suitable for implementing large digital designs.

It has 192 DSP (Digital Signal Processing) slices, which can be used to implement high-speed digital signal processing algorithms.

It has 16 built-in multipliers, which can be used to perform high-speed multiplication of two numbers.

It has a maximum operating frequency of 500 MHz, which means that it can execute digital designs at very high speeds.

It has a 5V tolerance on its I/O pins, which means that it can interface with external devices that use 5V logic levels.

Application

High-speed digital signal processing

Video processing and compression

Digital communications

Industrial control systems

Aerospace and defense systems

Related Products

[XC18V01S020C](#)

AMD Xilinx, Inc

SOP-20

[XCF08PV0G48C](#)

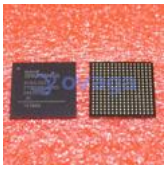
AMD Xilinx, Inc

TSOP-48

[XCF04SV0G20C](#)

AMD Xilinx, Inc

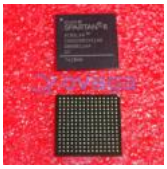
TSSOP20



[XC6SLX25-3FTG256C](#)

AMD Xilinx, Inc

BGA-256



[XC6SLX4-2CSG225C](#)

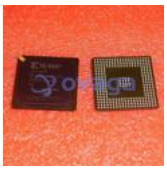
AMD Xilinx, Inc

BGA-225

[XC6SLX16-3CSG324C](#)

AMD Xilinx, Inc

BGA-324



[XCV50-6BG256C](#)

AMD Xilinx, Inc

BGA256

[XCF32PVO48C](#)

AMD Xilinx, Inc

TSOP48