

150000 SYSTEM GATE 2.5 VOLT LOGIC CELL A - NOT RECOMMENDED for NEW DESIGN FPGA

Manufacturers	AMD Xilinx, Inc
Package/Case	BGA456
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC2S150-5FGG456C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.



General Description

XC2S150-5FGG456C is a specific model of field-programmable gate array (FPGA) manufactured by Xilinx, a leading producer of programmable logic devices.

Features

It has a Spartan-II architecture with 150,000 system gates (equivalent to 600,000 configurable logic cells).

The "-5" in the part number indicates a maximum operating frequency of 5 MHz.

It comes in a 456-ball Fine-Pitch Ball Grid Array (FBGA) package, which allows for high pin-count and compact form factor.

The device has a 2.5V core voltage, and I/Os that can be configured for 1.8V, 2.5V, or 3.3V.

Application

This FPGA is suitable for a variety of applications, such as digital signal processing, communication systems, video processing, and control systems.

It can be used in industrial control and automation, medical devices, test and measurement equipment, and more.

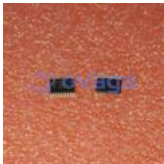
Due to its high gate count and flexible I/O configurations, it can be used in a wide range of designs, including those with complex logic, high-speed interfaces, and low power requirements.



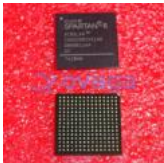
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 AMD Xilinx, Inc
 SOP-20



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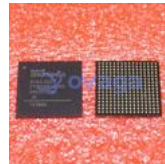
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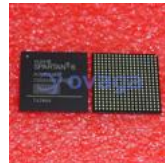
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