

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

Manufacturers	AMD Xilinx, Inc
Package/Case	208-BFQFP
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC2S150-6PQ208C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC2S150-6PQ208C is a field-programmable gate array (FPGA) manufactured by Xilinx. Here are its features:

Features

It has 150,000 system gates, which means it can implement complex digital circuits.

It has 4,992 logic cells that can be programmed to perform various functions, including arithmetic operations, data storage, and control logic.

It has 264 I/O pins, which allow it to interface with other digital circuits or devices.

It has 18 block RAMs, each with a capacity of 18 kilobits. These can be used for data storage or to implement lookup tables.

It has built-in hardware multipliers, which can perform multiplication operations faster than software-based implementations.

Application

Communications equipment: The high-speed I/O pins and on-chip memory make it suitable for implementing communication protocols and interfaces.

Digital signal processing (DSP): The built-in multipliers and block RAMs make it suitable for implementing DSP algorithms such as filtering and FFT.

Industrial automation: The flexibility and programmability of FPGAs make them useful for implementing control and monitoring systems in industrial environments.

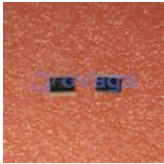


Related Products



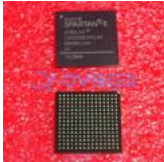
[XC18V01S020C](#)

AMD Xilinx, Inc
SOP-20



[XCF04SV0G20C](#)

AMD Xilinx, Inc
TSSOP20



[XC6SLX4-2CSG225C](#)

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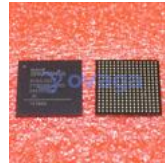
[XCV50-6BG256C](#)

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[XC6SLX25-3FTG256C](#)

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BGA-256



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BGA-324



[XCF32PVO48C](#)

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