

CPLD XC9500XL Family 1.6K Gates 72 Macro Cells 125MHz 0.35um (CMOS) Technology 3.3V

Manufacturers	AMD Xilinx, Inc
Package/Case	VQFP-64
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC9572XL-7VQG64C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

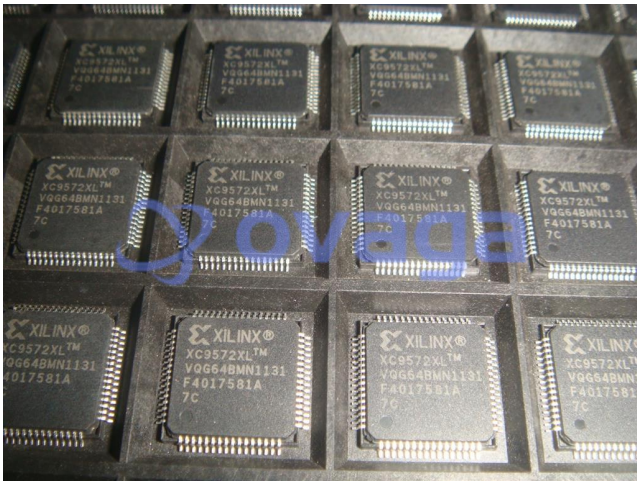
XC9572XL-7VQG64C is a field-programmable gate array (FPGA) manufactured by Xilinx. Here are some of its features:

Features

- It has a 72-macrocell programmable logic block (PLB) architecture.
- It has 5,376 logic cells, which can be configured to implement combinational or sequential logic.
- It has 132 inputs/outputs (I/Os) with support for different I/O standards, such as LVCMOS, LVTTTL, PCI, and LVDS.
- It has an internal oscillator that can generate frequencies up to 133 MHz.
- It has an on-chip configuration memory that can store multiple configurations and select the appropriate one during power-up.

Application

- Communications equipment:** It can be used to implement different communication protocols and interfaces, such as Ethernet, USB, and UART.
- Industrial control:** It can be used to implement control systems for industrial equipment, such as motor drives, sensors, and actuators.
- Automotive:** It can be used in automotive systems, such as driver assistance, infotainment, and telematics.
- Medical devices:** It can be used to implement control and data processing functions in medical devices, such as ultrasound machines and patient monitors.



Related Products



[XC18V01S020C](#)

AMD Xilinx, Inc
SOP-20



[XCF04SV0G20C](#)

AMD Xilinx, Inc
TSSOP20



[XC6SLX4-2CSG225C](#)

AMD Xilinx, Inc
BGA-225



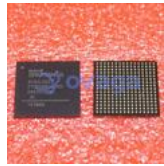
[XCV50-6BG256C](#)

AMD Xilinx, Inc
BGA256



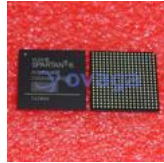
[XCF08PV0G48C](#)

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TSOP-48



[XC6SLX25-3FTG256C](#)

AMD Xilinx, Inc
BGA-256



[XC6SLX16-3CSG324C](#)

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BGA-324



[XCF32PVO48C](#)

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TSOP48