

## XC95144XL High Performance CPLD

Manufacturers	<a href="#">AMD Xilinx, Inc</a>
Package/Case	TQFP100
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC95144XL-5TQ100C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

XC95144XL-5TQ100C is a Field-Programmable Gate Array (FPGA) manufactured by Xilinx, which is a leading provider of programmable logic solutions.

## Features

The XC95144XL-5TQ100C has 144 macrocells and 4,608 logic cells.

It operates at a maximum frequency of 250MHz and can provide up to 1.44 million system gates.

It has 64 I/O pins with high-drive capability, which makes it suitable for applications that require high-speed communication interfaces.

The FPGA can be programmed using Xilinx's ISE Design Suite or Vivado Design Suite, which provides an easy-to-use interface for designing, implementing, and verifying complex digital systems.

## Application

The XC95144XL-5TQ100C FPGA is used in a wide range of applications such as industrial automation, telecommunications, automotive, and medical equipment.

It is particularly suited for applications that require high-speed data transfer, digital signal processing, and complex control logic.

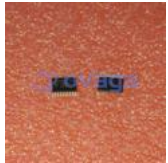


## Related Products



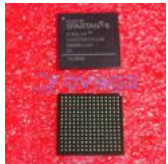
### [XC18V01S020C](#)

AMD Xilinx, Inc  
SOP-20



### [XCF04SV0G20C](#)

AMD Xilinx, Inc  
TSSOP20



### [XC6SLX4-2CSG225C](#)

AMD Xilinx, Inc  
BGA-225



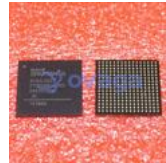
### [XCV50-6BG256C](#)

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### [XCF08PV0G48C](#)

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TSOP-48



### [XC6SLX25-3FTG256C](#)

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### [XC6SLX16-3CSG324C](#)

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BGA-324



### [XCF32PVO48C](#)

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TSOP48