

CPLD XC9500 Family 800Gates 36 Macro Cells 66.7MHz 0.5um Technology 5V 44Pin PLCC

Manufacturers	<a href="#">AMD Xilinx, Inc</a>
Package/Case	PLCC-44
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC9536-10PCG44C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

## General Description

XC9536-10PCG44C is a type of programmable logic device (PLD) manufactured by Xilinx. It belongs to the family of XC9500 series CPLDs (Complex Programmable Logic Devices) and is built on 0.35-micron CMOS process technology.

## Features

It has 36 macrocells (or logic blocks) which can be configured as combinatorial or sequential logic, or as a mixture of both.

It has 36 input/output pins that can be used for interfacing with other digital circuits.

It has a maximum operating frequency of 62.5 MHz.

It has a 10ns propagation delay.

## Application

It is used in digital circuits that require flexible and fast logic implementation, such as communication systems, digital signal processing, and control systems.

It is also used in consumer electronics, automotive, and industrial applications.



## Related Products



### [XC18V01S020C](#)

AMD Xilinx, Inc  
SOP-20



### [XCF04SV0G20C](#)

AMD Xilinx, Inc  
TSSOP20



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

AMD Xilinx, Inc  
BGA-225



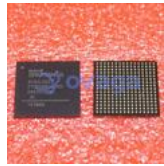
### [XCV50-6BG256C](#)

AMD Xilinx, Inc  
BGA256



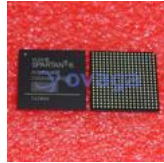
### [XCF08PV0G48C](#)

AMD Xilinx, Inc  
TSOP-48



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

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BGA-256



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

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BGA-324



### [XCF32PVO48C](#)

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