

# XC9536XL-10VQ64C

Data Sheet

#### XC9536XL High PerformanceCPLD

Manufacturers	AMD Xilinx, Inc
Package/Case	QFP64
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC9536XL-10VQ64C or <u>Email to us: sales@ovaga.com</u> We will contact you in 12 hours.
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## **General Description**

XC9536XL-10VQ64C is a field-programmable gate array (FPGA) manufactured by Xilinx Inc. It is a member of the XC9500XL series of FPGAs and is designed to offer high-performance, low-power, and cost-effective solutions for various applications.

## Features

36 macrocells and 1,200 usable gates

64-pin package with a VQFP footprint

Maximum operating frequency of 71.4 MHz

3.3V power supply

In-system programmability

IEEE 1149.1 boundary-scan support

JTAG programming and boundary-scan testing

Pin-compatible with other XC9500XL FPGAs

## Application

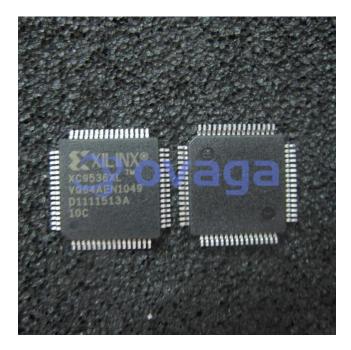
System-level glue logic

State machines and control logic

Bus interface control

Digital signal processing

Microcontroller replacement



#### **Related Products**



XC18V01S020C AMD Xilinx, Inc SOP-20



AMD Xilinx, Inc TSSOP20

XCF04SV0G20C



XC6SLX4-2CSG225C AMD Xilinx, Inc BGA-225



<u>XCV50-6BG256C</u>

AMD Xilinx, Inc BGA256



AMD Xilinx, Inc TSOP-48

XCF08PV0G48C

### XC6SLX25-3FTG256C

AMD Xilinx, Inc BGA-256

#### XC6SLX16-3CSG324C

AMD Xilinx, Inc BGA-324

XCF32PVO48C



AMD Xilinx, Inc TSOP48