

800 Gates 36 Macro Cells 100MHz 0.35um (CMOS) Technology 3.3V

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



Images are for reference only

Please submit RFQ for XC9536XL-10VQ64I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC9536XL-10VQ64I is a type of field-programmable gate array (FPGA) manufactured by Xilinx. It is a member of the Xilinx XC9500XL series, which is a family of low-cost, high-performance CPLDs (complex programmable logic devices).

Features

- 36 macrocells
- 36 I/O pins
- 64-pin VQFP package
- 3.3V power supply
- 10ns maximum propagation delay
- 250MHz maximum operating frequency
- In-system programmability (ISP) via JTAG interface
- Up to 1,000,000 program/erase cycles

Application

- Logic replacements for small and medium-scale digital logic designs
- Interface bridging between different systems and buses
- Control and signal processing in industrial and automotive systems
- Programmable power-on reset (POR) and voltage monitoring
- System-level security and encryption
- Low-power standby modes in portable and battery-powered devices



Related Products



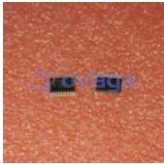
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AMD Xilinx, Inc
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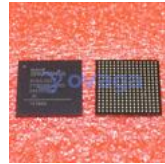
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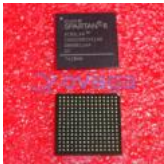
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