

FPGA Virtex Family 57.906K Gates 1728 Cells 250MHz 0.22um Technology 2.5V 144-Pin TQFP

Manufacturers	AMD Xilinx, Inc
Package/Case	144-LQFP
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XCV50-4TQ144I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

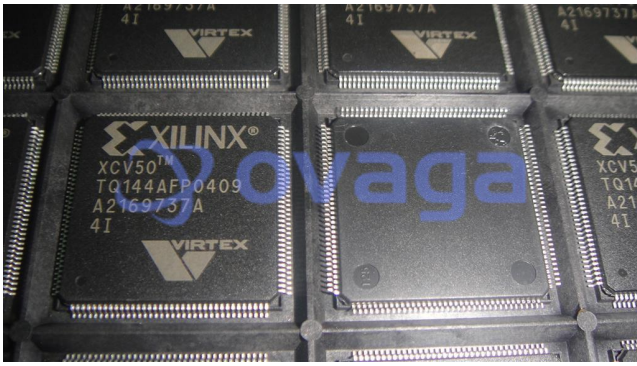
XCV50-4TQ144I is a part number of a Field Programmable Gate Array (FPGA) manufactured by Xilinx, which belongs to the Virtex series of FPGAs.

Features

- It has 50,000 logic cells.
- It has 1,536 kilobits of RAM.
- It has 36 digital signal processing (DSP) blocks.
- It has 184 user input/output (I/O) pins.
- It operates at a maximum clock frequency of 225 MHz.
- It has a four-input lookup table (LUT) architecture.

Application

- It can be used in various high-performance digital signal processing applications.
- It can be used in communication and networking applications.
- It can be used in video and image processing applications.
- It can be used in aerospace and defense applications.



Related Products



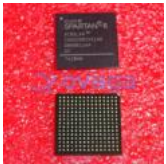
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SOP-20



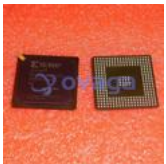
[XCF04SV0G20C](#)

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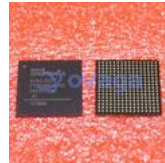
[XCV50-6BG256C](#)

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