

Spartan®-3 Family 200K Gates 4320 Cells 630MHz 90nm Technology 1.2

Manufacturers	AMD Xilinx, Inc
Package/Case	TQFP144
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC3S200-4TQ144I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC3S200-4TQ144I is a field-programmable gate array (FPGA) device from Xilinx, a leading manufacturer of programmable logic devices. It is a member of the Spartan-3 family and has the following features:

Features

- 200,000 system gates (equivalent to about 200K flip-flops)
- 4,608 logic cells, each containing a four-input lookup table (LUT) and a D flip-flop
- 216 kilobits of block RAM
- 20 digital signal processing (DSP) slices
- 288 I/O pins
- Configurable I/O standards, including LVCMOS, LVTTTL, HSTL, SSTL, and LVDS

Application

- Digital signal processing and filtering
- Control and automation systems
- Data encryption and decryption
- Video and image processing
- High-speed communication interfaces, such as Ethernet, PCI Express, and USB



Related Products



[XC18V01S020C](#)

AMD Xilinx, Inc
SOP-20



[XCF04SV0G20C](#)

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[XC6SLX4-2CSG225C](#)

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BGA256



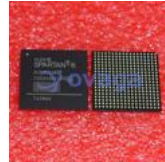
[XCF08PV0G48C](#)

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