

Field Programmable Gate Arrays

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



Images are for reference only

Please submit RFQ for XC5204-6TQ144C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC5204-6TQ144C is a part number for a field-programmable gate array (FPGA) manufactured by Xilinx, which is a programmable logic device that can be reconfigured to perform a wide range of digital logic functions.

Features

- It has 2048 logic cells, which can be configured as combinatorial logic, latches, or flip-flops.
- It has 64 input/output (I/O) pins, which can be used for interfacing with other digital components or external devices.
- It has on-chip memory blocks, which can be used for storing data or program code.
- It supports various clocking options, including phase-locked loops (PLLs) and delay-locked loops (DLLs).
- It operates at a maximum clock frequency of 100 MHz.

Application

- Digital signal processing (DSP)
- Video and image processing
- Industrial control and automation
- Aerospace and defense
- Communications and networking
- Automotive and transportation
- Consumer electronics

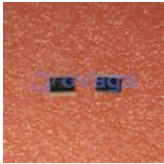


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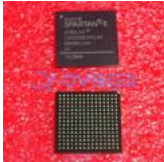
[XC18V01S020C](#)

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SOP-20



[XCF04SV0G20C](#)

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[XC6SLX4-2CSG225C](#)

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BGA-225



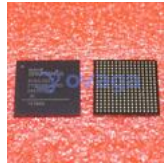
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