

Field Programmable Gate Arrays FPGA

Manufacturers	AMD Xilinx, Inc
Package/Case	100-BQFP
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC5204-6PQ100C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC5204-6PQ100C is a product from Xilinx, a Field-Programmable Gate Array (FPGA) device that belongs to the Xilinx XC5200 family. It is a member of the XC5204 series and is designed to provide high-performance solutions for digital signal processing (DSP) and communication applications.

Features

2048 logic cells

40Kbits of Block RAM

4 Digital Clock Managers (DCMs)

16 Digital Signal Processors (DSPs)

Maximum operating frequency of 150 MHz

3.3V power supply

Application

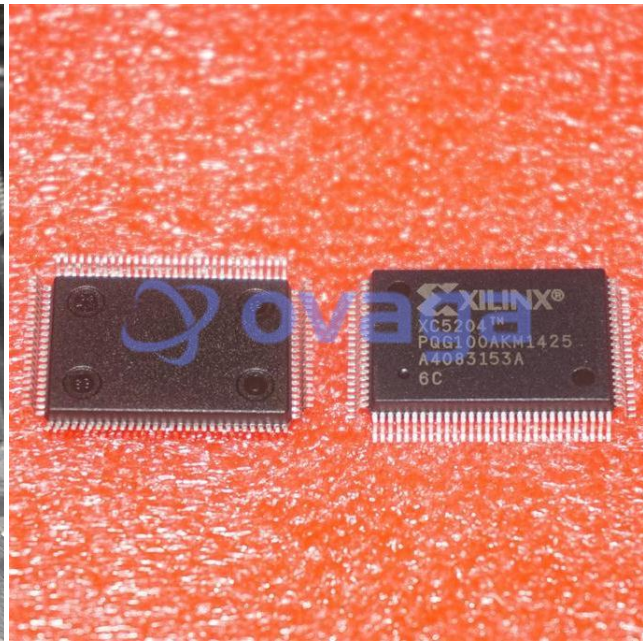
DSP applications, such as filters, transforms, and modulators/demodulators

Wired and wireless communication systems, such as Ethernet switches and routers, base stations, and wireless access points

Industrial control systems, such as motion control, process control, and monitoring systems

Medical imaging and other imaging processing applications

Test and measurement equipment



Related Products



[XC18V01S020C](#)

AMD Xilinx, Inc
SOP-20



[XCF04SV0G20C](#)

AMD Xilinx, Inc
TSSOP20



[XC6SLX4-2CSG225C](#)

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BGA-225



[XCV50-6BG256C](#)

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BGA256



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BGA-256



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BGA-324



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