

## Field Programmable Gate Arrays

Manufacturers	<a href="#">AMD Xilinx, Inc</a>
Package/Case	PLCC84
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC5210-6PC84C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

XC5210-6PC84C is a specific model number of a field-programmable gate array (FPGA) manufactured by Xilinx. Here are some of its features:

### Features

It has 21,280 logic cells, which are basic building blocks of digital circuits.

It has 1,296 kilobits (Kb) of block RAM, which can be used to store data.

It has 10 digital signal processing (DSP) blocks, which can be used for mathematical operations.

It has 116 user input/output (I/O) pins, which can be used to connect with other electronic devices.

### Application

Communication systems: FPGAs are used in base stations, routers, and switches to perform data processing and control functions.

Industrial automation: FPGAs are used in control systems for factories and manufacturing plants.

Medical devices: FPGAs are used in imaging systems, monitoring devices, and other medical equipment.

Aerospace and defense: FPGAs are used in radar systems, guidance systems, and other military and aerospace applications.



## Related Products



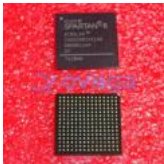
### [XC18V01S020C](#)

AMD Xilinx, Inc  
SOP-20



### [XCF04SV0G20C](#)

AMD Xilinx, Inc  
TSSOP20



### [XC6SLX4-2CSG225C](#)

AMD Xilinx, Inc  
BGA-225



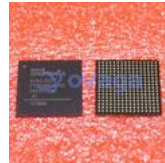
### [XCV50-6BG256C](#)

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### [XCF08PV0G48C](#)

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### [XC6SLX25-3FTG256C](#)

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### [XC6SLX16-3CSG324C](#)

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### [XCF32PVO48C](#)

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