

Field Programmable Gate Arrays FPGA

Manufacturers	AMD Xilinx, Inc
Package/Case	QFP160
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC5206-6PQ160C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

RFQ

General Description

XC5206-6PQ160C is a product code for a field-programmable gate array (FPGA) device manufactured by Xilinx.

Features

It has a 6ns maximum propagation delay for combinational paths.

It has 5206 logic cells that can be programmed to implement various digital logic functions.

It has 52,160 usable flip-flops.

It has 32 Digital Signal Processing (DSP) slices that can perform arithmetic and filtering operations.

It has built-in Block RAM, distributed RAM, and FIFO memory resources.

It supports a range of input/output standards, including LVCMOS, LVTTTL, LVDS, and differential HSTL.

It has a 1.2V core voltage and can operate at up to 85 degrees Celsius.

Application

It can be used in various applications such as data processing, digital signal processing, control systems, image and video processing, communication systems, and more.

It is commonly used in aerospace and defense systems, automotive electronics, industrial automation, medical equipment, and consumer electronics.



Related Products



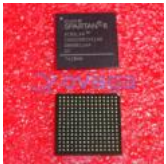
[XC18V01S020C](#)

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SOP-20



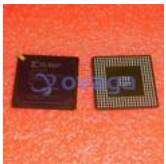
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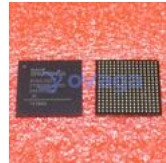
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