

FPGA Spartan-3 Family 2M Gates 46080 Cells 630MHz 90nm Technology 1.2V

Manufacturers	<a href="#">AMD Xilinx, Inc</a>
Package/Case	456FBGA
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC3S2000-4FGG456C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

XC3S2000-4FGG456C is a field-programmable gate array (FPGA) manufactured by Xilinx.

### Features

It belongs to the Spartan-3 family and has 2 million system gates.

It has 2000K logic cells and 288 I/O pins.

It operates at a maximum clock frequency of 400 MHz.

It has 576 Kb of block RAM and 18 DSP slices.

It is fabricated on a 90 nm CMOS process.

It has a power consumption of 1.2V.

### Application

XC3S2000-4FGG456C can be used in various applications, such as high-speed networking, wireless communication, video processing, and digital signal processing.

It can also be used in industrial control systems, medical equipment, and military and aerospace systems.

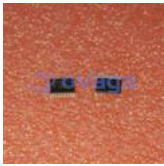


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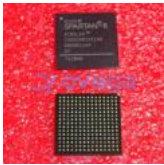
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AMD Xilinx, Inc  
SOP-20



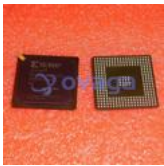
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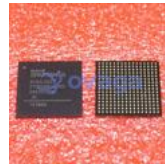
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