

FPGA Spartan®-3 Family 4M Gates 62208 Cells 630MHz 90nm Technology 1.2V

Manufacturers	<a href="#">AMD Xilinx, Inc</a>
Package/Case	FBGA-900
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC3S4000-4FGG900C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

XC3S4000-4FGG900C is a field-programmable gate array (FPGA) manufactured by Xilinx. Here are some of its features:

### Features

It belongs to the Spartan-3 family of FPGAs and has a capacity of 4 million system gates.

It has 4,608 slices, each of which contains four 6-input LUTs and 8 flip-flops.

It has 216 block RAMs, each of which is 18 Kb in size, and 32 Digital Signal Processing (DSP) slices.

It has a 900 MHz maximum operating frequency and supports a wide range of I/O standards, including LVCMOS, LVTTTL, PCI, and LVDS.

### Application

Digital signal processing (DSP)

Communications systems

Automotive applications

Industrial control systems

Aerospace and defense systems

Video and image processing

High-performance computing

Scientific research



### Related Products



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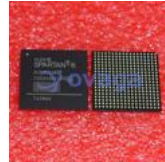
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