

1M Gates 17280 Cells 630MHz 90nm Technology 1.2V

Manufacturers	AMD Xilinx, Inc
Package/Case	BGA320
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC3S1000-4FGG320I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC3S1000-4FGG320I is a field-programmable gate array (FPGA) manufactured by Xilinx, a leading provider of programmable logic devices. Here are some of its features:

Features

- It has 1,008,192 logic cells and 178 user I/Os.
- It operates at a maximum frequency of 400 MHz.
- It has 36 block RAMs with a total of 648 Kb of memory.
- It has 4 Digital Clock Managers (DCMs) that can generate up to 16 different clocks each.

Application

- Digital signal processing (DSP)
- Image processing
- Video processing
- Network processing
- Industrial automation and control
- Aerospace and defense
- Medical imaging
- Automotive



Related Products



[XC18V01S020C](#)

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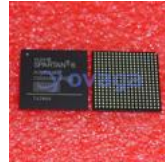
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