

1.2M Gates 19512 Cells 572MHz 90nm (CMOS) Technology 1.2V

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|---------------|---------------------------------|
| Manufacturers | AMD Xilinx, Inc |
| Package/Case | BGA-400 |
| Product Type | Programmable Logic ICs |
| RoHS | |
| Lifecycle | |



Images are for reference only

Please submit RFQ for XC3S1200E-4FGG400I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC3S1200E-4FGG400I is a field-programmable gate array (FPGA) manufactured by Xilinx. Here are some of its features:

Features

The XC3S1200E-4FGG400I FPGA belongs to the Spartan-3E family of Xilinx FPGAs.

It has 1,228,800 system gates, which can be used to implement a wide range of digital circuits and systems.

The device has 211 user I/Os that can be used for input and output operations.

It operates at a maximum frequency of 400 MHz.

It has a built-in block RAM of 576 Kb.

It has a 12-bit analog-to-digital converter (ADC) and a 12-bit digital-to-analog converter (DAC) on board.

Application

Digital signal processing (DSP) applications, such as audio and video processing.

Communication systems, such as wireless communication, networking, and protocol conversion.

Industrial control systems, such as motor control and robotics.

Medical devices, such as ultrasound and MRI systems.

Aerospace and defense systems, such as radar and sonar systems.

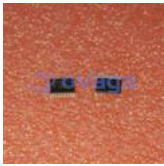


Related Products



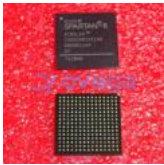
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AMD Xilinx, Inc
SOP-20



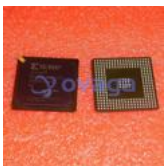
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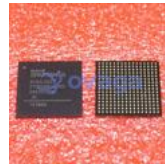
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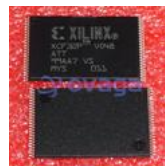
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