

FPGA Spartan®-3 Family 400K Gates 8064 Cells 630MHz 90nm Technology 1.2V

Manufacturers	AMD Xilinx, Inc
Package/Case	BGA256
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC3S400-4FT256C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC3S400-4FT256C is a Field Programmable Gate Array (FPGA) manufactured by Xilinx, which is a leading company in the field of FPGA technology.

Features

- The XC3S400-4FT256C has 400,000 system gates and 436 user I/Os.
- It operates with a supply voltage of 1.14V to 1.26V.
- It has a maximum operating frequency of 400 MHz.
- It has a total of 18,432 logic cells that can be used for implementing digital circuits.
- It has 36 Digital Signal Processing (DSP) slices that can be used for implementing complex signal processing algorithms.
- It has a built-in configuration memory that can be used to store the FPGA configuration and to boot the device.
- It supports various communication protocols such as Ethernet, USB, and PCI Express.

Application

- Digital signal processing (DSP)
- Image and video processing
- High-speed communication systems
- Industrial automation and control
- Aerospace and defense
- Medical equipment
- Automotive electronics



Related Products



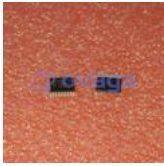
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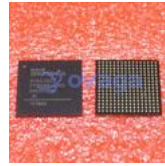
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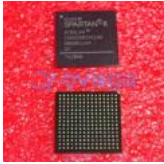
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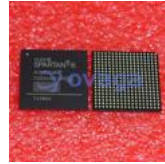
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