

Spartan-3 Family 400K Gates 8064 Cells 725MHz 90nm Technology 1.2V

Manufacturers	AMD Xilinx, Inc
Package/Case	FTBGA-256
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC3S400-5FT256C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC3S400-5FT256C is a Field Programmable Gate Array (FPGA) manufactured by Xilinx. Here are some of its features:

Features

- It has 400,000 system gates
- It operates at a maximum frequency of 350 MHz
- It has 4032 logic cells and 12 Digital Signal Processing (DSP) blocks
- It has 8 Phase-Locked Loops (PLLs) for clock management
- It has 256 pins in a Fine-Pitch Ball Grid Array (FBGA) package
- It operates with a 1.2V core voltage and a 2.5V I/O voltage

Application

- Digital signal processing and filtering
- High-speed communication interfaces such as Ethernet and USB
- Embedded computing and control systems
- High-speed data acquisition and processing
- Aerospace and defense applications
- Industrial automation and control systems



Related Products



[XC18V01S020C](#)

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SOP-20



[XCF04SV0G20C](#)

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