

FPGA Spartan®-3A Family 400K Gates 8064 Cells 667MHz 90nm Technology 1.2V



Images are for reference only

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

Please submit RFQ for XC3S400A-4FTG256C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC3S400A-4FTG256C is a field-programmable gate array (FPGA) manufactured by Xilinx, which is a programmable integrated circuit designed to be configured by a customer or a designer after manufacturing. The specific part number "XC3S400A-4FTG256C" denotes its specific features and package type.

Features

- 400K system gates
- 632 I/O pins
- 1.2V to 1.5V core voltage
- 4Mbit block RAM
- Up to 648 user I/Os and up to 24 differential pairs
- 400MHz internal clock frequency
- Advanced configuration options such as dynamic reconfiguration and partial reconfiguration
- Built-in JTAG boundary scan test capability

Application

- Digital signal processing (DSP)
- Image processing and recognition
- Communications
- Automotive electronics
- Aerospace and defense
- Industrial automation and control

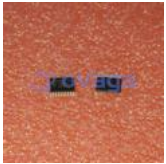


Related Products



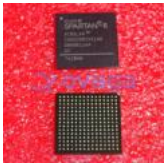
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SOP-20



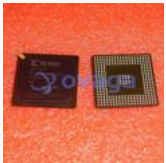
[XCF04SY0G20C](#)

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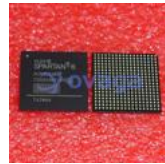
[XCF08PV0G48C](#)

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[XC6SLX25-3FTG256C](#)

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[XC6SLX16-3CSG324C](#)

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