

FPGA Spartan®-3A Family 1.4M Gates 25344 Cells 667MHz 90nm Technology 1.2V

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



Images are for reference only

Please submit RFQ for XC3S1400A-4FTG256C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC3S1400A-4FTG256C is a field-programmable gate array (FPGA) developed by Xilinx, which is a programmable integrated circuit that can be configured and reconfigured by the user after manufacturing.

Features

It has a Spartan-3A FPGA architecture, which provides a low-cost, low-power solution for a wide range of applications.

It contains 1400K system gates, 1.2 Mb of block RAM, 96 DSP slices, and up to 784 user I/Os.

It operates at a maximum frequency of 400 MHz and has a 1.2 V core voltage.

It supports various standard interfaces such as USB, Ethernet, PCI Express, and DDR3.

Application

Industrial automation and control

Medical equipment

Aerospace and defense

Communications and networking

Audio and video processing

Consumer electronics

Automotive



Related Products



[XC18V01S020C](#)

AMD Xilinx, Inc
SOP-20



[XCF04SV0G20C](#)

AMD Xilinx, Inc
TSSOP20



[XC6SLX4-2CSG225C](#)

AMD Xilinx, Inc
BGA-225



[XCV50-6BG256C](#)

AMD Xilinx, Inc
BGA256



[XCF08PV0G48C](#)

AMD Xilinx, Inc
TSOP-48



[XC6SLX25-3FTG256C](#)

AMD Xilinx, Inc
BGA-256



[XC6SLX16-3CSG324C](#)

AMD Xilinx, Inc
BGA-324



[XCF32PVO48C](#)

AMD Xilinx, Inc
TSOP48