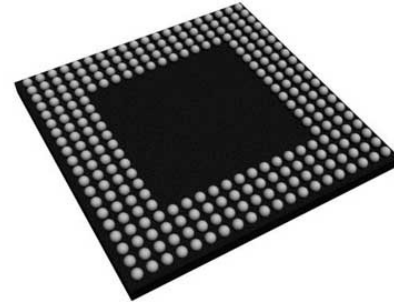


Spartan-3 FPGA Family : Complete Data Sheet

Manufacturers	<a href="#">AMD Xilinx, Inc</a>
Package/Case	BGA256
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC3S1000-4FT256C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

XC3S1000-4FT256C is a Field-Programmable Gate Array (FPGA) manufactured by Xilinx Inc. It belongs to the Spartan-3E family of FPGAs and has a density of 1 million system gates. Here are some of its features:

### Features

Number of Logic Cells: 1,031

Number of I/Os: 208

Embedded Multiplier Blocks: 4

Block RAM: 576 Kb

Operating Voltage: 1.2V

Maximum Operating Frequency: 400 MHz

### Application

Industrial control systems

Aerospace and defense electronics

Automotive electronics

Communications systems

Video and image processing systems

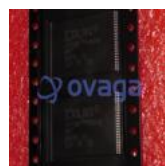
Medical equipment

### Related Products



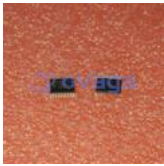
[XC18V01S020C](#)

AMD Xilinx, Inc  
SOP-20



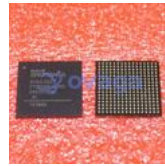
[XCF08PV0G48C](#)

AMD Xilinx, Inc  
TSOP-48



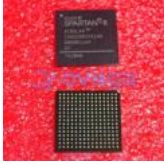
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AMD Xilinx, Inc  
TSSOP20



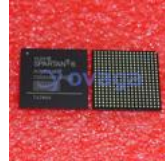
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AMD Xilinx, Inc  
BGA-256



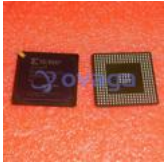
[XC6SLX4-2CSG225C](#)

AMD Xilinx, Inc  
BGA-225



[XC6SLX16-3CSG324C](#)

AMD Xilinx, Inc  
BGA-324



[XCV50-6BG256C](#)

AMD Xilinx, Inc  
BGA256



[XCF32PVO48C](#)

AMD Xilinx, Inc  
TSOP48