

FPGA, SPARTAN-3A, 250MHZ, No. of Logic Blocks:1584, No. of Macrocells:1584, FPGA Family:Spartan-3A, No. of Speed Grades:4, Total RAM Bits:54Kbit, No. of I/O's:68, Clock Management:DLL,



Images are for reference only

Manufacturers	AMD Xilinx, Inc
Package/Case	100-TQFP
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	

Please submit RFQ for XC3S50A-4VQG100C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC3S50A-4VQG100C is a field-programmable gate array (FPGA) manufactured by Xilinx Inc. It belongs to the Spartan-3A family of FPGAs and features 50,000 logic cells, 2.5 Mb of block RAM, and 114 user I/O pins.

Features

- 50,000 logic cells
- 114 user I/O pins
- 2.5 Mb block RAM
- 4 Digital Clock Managers (DCMs)
- 4 Phase Locked Loops (PLLs)
- SelectIO technology for fast and flexible I/O interfacing
- Integrated Endpoint Block for PCI Express
- Low power consumption

Application

- Industrial control and automation
- Communications systems
- Video processing and display
- Automotive electronics
- Medical imaging
- Aerospace and defense
- Consumer electronics



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](#)

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[XC6SLX25-3FTG256C](#)

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BGA-256



[XC6SLX16-3CSG324C](#)

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BGA-324



[XCF32PVO48C](#)

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TSOP48