

Field Programmable Gate Arrays (XC3000A/L, XC3100A/L)

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



Images are for reference only

Please submit RFQ for XC3142A-3PQ100C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC3142A-3PQ100C is a field-programmable gate array (FPGA) manufactured by Xilinx. It belongs to the Spartan-3A family and has 1,149,440 system gates, 68,416 logic cells, and 576kb of block RAM. The device operates on a 1.2V core voltage and has a maximum operating frequency of 400 MHz.

Features

- Flexible, reprogrammable logic that can be customized for a wide range of applications
- Low power consumption and high-performance capabilities
- Multiple I/O standards including LVCMOS, LVTTTL, PCI, and LVDS
- Integrated clock management resources
- Built-in hardware multipliers and digital signal processing (DSP) blocks

Application

- Communications systems
- Industrial control systems
- Medical equipment
- Aerospace and defense applications
- Automotive systems
- Video and image processing



Related Products



[XC18V01S020C](#)

AMD Xilinx, Inc
SOP-20



[XCF04SV0G20C](#)

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[XC6SLX4-2CSG225C](#)

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BGA-225



[XCV50-6BG256C](#)

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BGA256



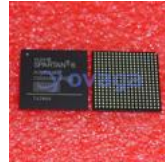
[XCF08PV0G48C](#)

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[XC6SLX25-3FTG256C](#)

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