

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 XC3042A-7PQ100I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC3042A-7PQ100I is a field-programmable gate array (FPGA) from Xilinx, a leading semiconductor company. It belongs to the XC3000 series of FPGAs and is designed to offer high performance and flexibility for various digital logic applications.

Features

- 3000 system gates
- 42,720 bits of RAM
- 32 user-programmable inputs/outputs (I/Os)
- High-speed global and product term clocks
- IEEE 1149.1-compatible boundary-scan testing (JTAG)
- 5V tolerant I/Os

Application

- Digital signal processing (DSP)
- Video and image processing
- Communication systems
- High-speed networking
- Industrial control systems
- Medical equipment
- Automotive electronics
- Aerospace and defense systems

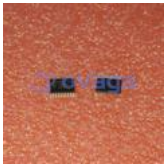


Related Products



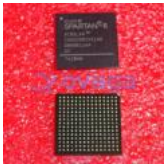
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AMD Xilinx, Inc
SOP-20



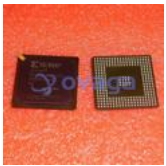
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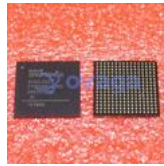
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[XC6SLX25-3FTG256C](#)

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