

FPGA XC3000 Family 4.5K Gates 224 Cells 113MHz 5V 144-Pin TQFP

Manufacturers	<a href="#">AMD Xilinx, Inc</a>
Package/Case	QFP-144
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC3064A-7TQ144I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

XC3064A-7TQ144I is a field-programmable gate array (FPGA) manufactured by Xilinx. It belongs to the XC3000A family of FPGAs and has 64,000 logic cells. The "7" in the part number indicates that it has a maximum operating frequency of 7 MHz, while "TQ144" specifies its package type (quad flat package with 144 pins).

## Features

- 64,000 system gates
- 3,840 bytes of dual-port RAM
- 112 inputs and 80 outputs
- 4 global clock signals and 8 global set/reset signals
- Advanced performance features, including pipelining, fast carry logic, and programmable slew rate control
- Supports IEEE 1149.1 boundary scan

## Application

- Signal processing and filtering
- Data encryption and decryption
- Image and video processing
- High-speed communication protocols
- Motor control and motion control systems

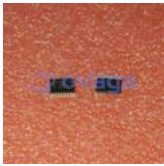


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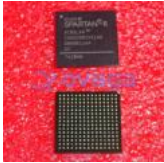
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AMD Xilinx, Inc  
SOP-20



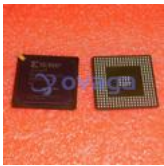
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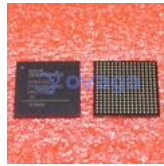
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BGA256



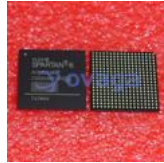
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