

100000 SYSTEM GATE 2.5 VOLT LOGIC CELL A - NOT RECOMMENDED for NEW DESIGN FPGA

Manufacturers	AMD Xilinx, Inc
Package/Case	QFP-144
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC2S100-5TQG144I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC2S100-5TQG144I is a type of Field-Programmable Gate Array (FPGA) manufactured by Xilinx Inc. It is a member of the Xilinx Spartan-II family of FPGAs.

Features

- 100,000 system gates (equivalent to 2,000 logic cells)
- 5ns maximum pin-to-pin delay
- 5V tolerant inputs
- 3.3V I/Os
- 144-pin Thin Quad Flat Pack (TQFP) package
- JTAG boundary scan testable

Application

- Digital signal processing
- Communication systems
- Industrial control systems
- Automotive electronics
- Video processing
- Robotics

Related Products



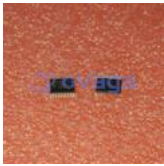
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AMD Xilinx, Inc
SOP-20



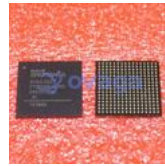
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TSOP-48



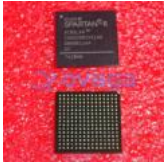
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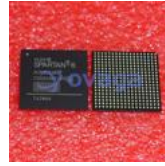
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BGA-256



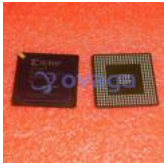
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BGA-225



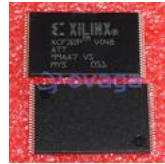
[XC6SLX16-3CSG324C](#)

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[XCF32PVO48C](#)

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TSOP48