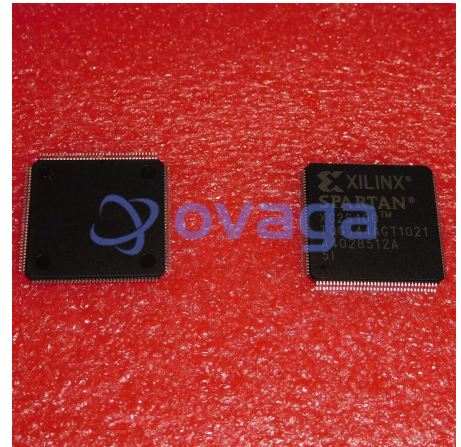


FPGA Spartan-II Family 100K Gates 2700 Cells 263MHz 0.18um Technology 2.5V

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



Images are for reference only

Please submit RFQ for XC2S100-5TQ144I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

RFQ

## General Description

XC2S100-5TQ144I is a field-programmable gate array (FPGA) manufactured by Xilinx Inc. It belongs to the Spartan-II family of FPGAs and comes in a surface-mount package with 144 pins.

## Features

- 100,000 system gates (equivalent to approximately 2,000 TTL logic gates)
- 3.3V CMOS technology
- 5ns pin-to-pin delay
- 72 user I/Os
- 4 input global clock buffer
- Internal configuration ROM
- IEEE 1149.1 JTAG boundary-scan support

## Application

- Digital signal processing (DSP)
- Video and image processing
- Communication systems
- Embedded systems
- High-speed control systems



## Related Products



[XCF18V01S020C](#)

AMD Xilinx, Inc  
SOP-20



[XCF04SV0G20C](#)

AMD Xilinx, Inc  
TSSOP20



[XC6SLX4-2CSG225C](#)

AMD Xilinx, Inc  
BGA-225



[XCV50-6BG256C](#)

AMD Xilinx, Inc  
BGA256



[XCF08PV0G48C](#)

AMD Xilinx, Inc  
TSOP-48



[XC6SLX25-3FTG256C](#)

AMD Xilinx, Inc  
BGA-256



[XC6SLX16-3CSG324C](#)

AMD Xilinx, Inc  
BGA-324



[XCF32PVO48C](#)

AMD Xilinx, Inc  
TSOP48