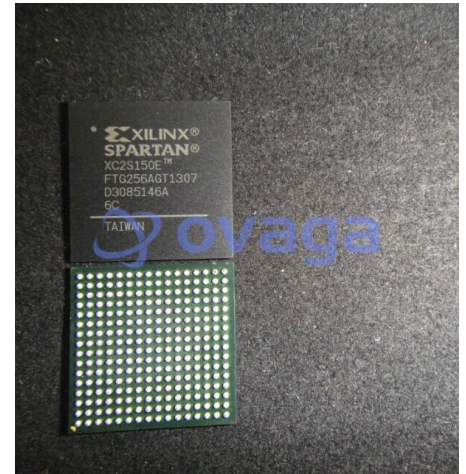


150,000 SYSTEM GATE 1.8 VOLT FPGA - NOT RECOMMENDED for NEW DESIGN

Manufacturers	<a href="#">AMD Xilinx, Inc</a>
Package/Case	FBGA256
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC2S150E-6FTG256C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

XC2S150E-6FTG256C is a model number of a field-programmable gate array (FPGA) manufactured by Xilinx, which is a programmable logic device used for digital circuit design.

## Features

- 150,000 system gates (logic cells) and 1,344 kilobits of fast block RAM
- 181 user I/O pins
- Configurable logic blocks (CLBs) with a wide range of input/output configurations
- Two global clock networks and up to 16 additional clock networks for high-performance designs
- Built-in Digital Signal Processing (DSP) slices for high-performance signal processing applications
- JTAG programming interface for easy configuration
- RoHS compliant

## Application

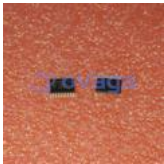
- High-performance digital signal processing
- Networking and telecommunications
- Industrial control and automation
- Video and image processing
- Military and aerospace applications
- Medical equipment



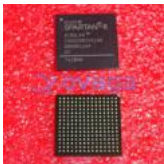
### Related Products



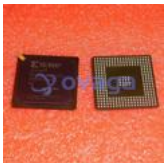
[XC18V01S020C](#)  
AMD Xilinx, Inc  
SOP-20



[XCF04SV0G20C](#)  
AMD Xilinx, Inc  
TSSOP20



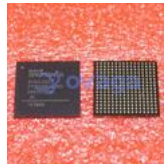
[XC6SLX4-2CSG225C](#)  
AMD Xilinx, Inc  
BGA-225



[XCV50-6BG256C](#)  
AMD Xilinx, Inc  
BGA256



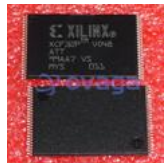
[XCF08PV0G48C](#)  
AMD Xilinx, Inc  
TSOP-48



[XC6SLX25-3FTG256C](#)  
AMD Xilinx, Inc  
BGA-256



[XC6SLX16-3CSG324C](#)  
AMD Xilinx, Inc  
BGA-324



[XCF32PVO48C](#)  
AMD Xilinx, Inc  
TSOP48