

Spartan-II 1.8V FPGA Family

Manufacturers	AMD Xilinx, Inc
Package/Case	BGA-256
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC2S150E-6FT256I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

XC2S150E-6FT256I is a field-programmable gate array (FPGA) device manufactured by Xilinx Inc. It belongs to the Spartan-II family of FPGAs, which are widely used in various electronic applications.

Features

- 150,000 system gates (equivalent to approximately 5,000 logic cells)
- 36,864 logic cells
- 768 Kb block RAM
- 360 MHz maximum operating frequency
- 5 ns minimum input/output delay
- 256-pin fine pitch ball grid array (FBGA) package
- 1.8V to 3.3V operating voltage range

Application

- Digital signal processing
- High-speed communication systems
- Embedded computing systems
- Video and image processing
- Industrial control systems
- Aerospace and defense systems



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