

FPGA Spartan®-6 LXT Family 147443 Cells 45nm (CMOS) Technology 1.2V 900-Pin F-BGA

Manufacturers	<a href="#">AMD Xilinx, Inc</a>
Package/Case	FBGA-900
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for XC6SLX150T-2FGG900I or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

XC6SLX150T-2FGG900I is a field-programmable gate array (FPGA) manufactured by Xilinx, a leading supplier of programmable logic solutions. Here's some information on this FPGA:

## Features

Features: XC6SLX150T-2FGG900I is a high-performance FPGA with 147,443 logic cells, 740 DSP slices, and 6.8 Mb of block RAM. It has a maximum clock frequency of 550 MHz and supports a wide range of I/O standards, including LVDS, HSTL, and SSTL. The device also has built-in system monitoring functions, such as temperature sensing and voltage monitoring.

Applications: This FPGA is suitable for a variety of applications, including communications, video processing, aerospace, defense, and high-performance computing. It can be used for tasks such as signal processing, data acquisition, and control functions.

Equivalent parts number list: Some equivalent parts of XC6SLX150T-2FGG900I are XC6SLX150-2FGG900, XC6SLX150T-2FGG900C, XC6SLX150T-2FGG900E, XC6SLX150T-2FGG676I, XC6SLX150T-2FGG676C, XC6SLX150T-2FGG676E, etc.



## Related Products



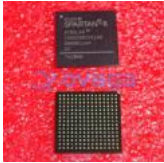
### [XC18V01S020C](#)

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SOP-20



### [XCF04SV0G20C](#)

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### [XC6SLX4-2CSG225C](#)

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### [XCV50-6BG256C](#)

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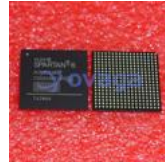
### [XCF08PV0G48C](#)

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### [XC6SLX25-3FTG256C](#)

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### [XC6SLX16-3CSG324C](#)

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